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LINE SHAPES INVESTIGATIONS
IN YUGOSLAVIA AND SERBIA IV (1993 – 1997)

(Bibliography and citation index)

ИСТРАЖИВАЊЕ ОБЛИКА СПЕКТРАЛНИХ ЛИНИЈА
У ЈУГОСЛАВИЈИ И СРБИЈИ IV (1993 – 1997)

(Библиографија и индекс цитата)



БЕОГРАД
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SUMMARY: First part of the publication contains review and analysis of the results of spectral line shapes investigations in Yugoslavia and Serbia for 1993-1997. In the second part, the bibliography of the contributions of Yugoslav and Serbian scientists for 1993 - 1997 is given, together with the citation index for 1993 - 1997 for articles published 1962 - 1997.

REZIME: U prvom delu publikacije dat je pregled i analiza istraživanja oblika spektralnih linija u Jugoslaviji i Srbiji u periodu 1989-1993 godine. U drugom delu data je bibliografija radova jugoslovenskih i srpskih istraživača za period 1993 - 1997, sa istorijatom uticaja svakog objavljenog dela na savremenu nauku, što je urađeno navođenjem izvora u kojima su objavljeni članci citirani. Ovakav indeks citata za period 1993 - 1997, dat je i za sve bibliografske jedinice iz perioda 1962 - 1997

I. SPECTRAL LINE SHAPES INVESTIGATIONS IN YUGOSLAVIA AND SERBIA 1993-1997

Three previously published Bibliographies with citation index on Spectral Line Shapes Investigations in Yugoslavia, cover the period 1962 - 1993 (Dimitrijević, 1990, 1991, 1994). From the September of 1993 up to the March of 1997, 261 articles concerning lineshapes investigations have been published by Yugoslav (Serbian) authors. In Serbia have been defended as well 2 Ph. D. and 9 M. Sc. Theses. Consequently, since the first article on this topic (Vujnović et al., 1962) up to the March 1997, 1129 (926 by serbian authors) bibliographic items have been published by 146 Yugoslav authors (119 from Serbia, 26 from Croatia and 1 living in France).

In the considered period various problems have been investigated. Stark broadening of hydrogen and hydrogen-like emitter lines, has been studied in particular for He II line shapes (924, 1007), and hydrogen line shift due to magnetization of moving plazma (918, 1040). Also, the attention has been paid to the study of H beta line shapes in the presence of a D.C. magnetic field (996, 1083-1085), to the investigation of hydrogen line shapes in a plane - cathode abnormal glow discharge (926, 1128, 1038), radio - frequency discharges (1029) and other discharges (874, 875, 1113, 1114, 1119-1121), the boundary layer influence on low n Balmer lines (1036) and to the influence of ion dynamics (1034).

Work on the experimental determination of Stark broadening parameters of nonhydrogenic atoms and ions has been continued during the considered period: Stark broadening of folowing atoms and ions has been investigated: Ar I (869, 932, 947, 994, 1033, 1082, 1087, 1088), Ar III (993, 1076, 1118), Cd II (994, 1019), Cu I (1031), F V (959), Fe I (1032), He I (885, 1094, 1095), Hg I (873), Na I (873, 950, 961, 1116), N II (945, 946, 1097), N III (958, 1018, 1097), N IV (1097, 1098), Ni I, II (917, 1032, 1091, 1099, 1117), O III (1081), O IV (889, 890, 923, 956, 957, 958, 960, 1006), S III (974, 1049), Si I (873, 1091, 1099). Also, the influence of ion dynamics (927-931, 1009-1013, 1015-1017, 1030, 1092, 1093, 1096), temperature dependence (889, 923, 956, 1006, 1082, 1087), departure from LS coupling (890) and Li- (1042, 1045), Be- (1043, 1045), and B- isoelectronic sequence (956, 957, 1042, 1044, 1046) have been investigated (1125).

Using the semiclassical perturbation approach (Sahal-Bréchet, 1969a,b), the spectra of following elements have been investigated: Be I (878, 905), Mg I (900, 901, 912, 913, 986, 989, 991, 1052, 1072), Al I (904), Rb I (907-909, 981), Se I (1060, 1069, 1070), Sr I (1056, 1057, 1060, 1062), Ba I (1059, 1071, 1125), Li II (978, 979, 985, 1055), Mg II (980, 988, 1064, 1073, 1127), Fe II (962, 967, 969), Ni II (963, 964, 973), Ba II (1059, 1068, 1125), B III (1058, 1063, 1065, 1126), Be III (1053, 1058, 1065), S III (974, 1049), Al III (879, 895), C IV (880), O IV (902, 977, 984), P IV (1061, 1067), S IV (974, 1049), C V (987, 990, 1051, 1074), O V (902, 976, 977), P V (975, 990, 1052), F VII (877), Ne VIII (897, 903, 911), Na IX (897, 911, 914, 983), Al XI (906, 910, 915, 982) and Si XII (899, 906, 910). The influence of oscillator strength values on Stark broadening parameters has been investigated (981) as well.

When it is not possible to use the semiclassical perturbation approach with the appropriate accuracy due to the lack of reliable atomic data, the modified semiempirical method (Dimitrijević and Konjević, 1980) and other approximate methods have been applied. Such methods have been investigated in (992, 1008, 1037) as well as the case of the complexity of radiator in Refs. (876, 1100, 1020). The modified semiempirical approach has been applied to the lines of Sc II (1102, 1105), Bi II (896), Cd II (882), I II (1101), As II (937, 1101), Zn II (882), Br II (1101), Sb II (936, 1101), Y II (1102, 1105), Zr II (1102, 1105), Kr II (1104), Xe II (938, 1103), Zn III (1107), Ge III (1108), As III (1020), Se III (1020) and Cu IV (895).

A special attention has been paid in a number of papers to the investigation of regularities and systematic trends of Stark broadening parameters (871, 872, 883, 884, 1025-1028, 1078, 1079, 1110). Similarities of Stark broadening parameters within spectral series (943, 1027, 1028) have been investigated as well as systematic trends for the same type of transition within a homologous (871, 872), isonuclear (1078, 1079) and isoelectronic sequence (1077). By using regularities and systematic trends, Stark broadening parameters of the following emitters have been predicted: Mg I, Mg II (1112), N V, O VI, S VI, (944), Fe I, Fe II, Fe III, Fe IV, C IV, Si IV (884), Na IX - Ti XX (1080) and doubly-charged ion off-resonances (1111).

Astronomical aspects of spectral line shapes research were studied in a number of publications, as optical depths of the formation of Fraunhofer lines (999), microturbulent sensitivity of solar spectral lines (1089), Mg II h and k lines in spectra of alpha Orionis (1003), IM Pegasi and HR 7275 (1024), IUE spectra of mu Cephei (920-922, 1004), Fourier analysis of rotationally broadened stellar spectra (1002), and Stark broadening parameters for Solar and stellar plasma research (916) and for hot star spectra investigation (893, 894, 934, 935, 939, 940, 965, 968, 971, 972, 1055). On Astronomical Observatory in Belgrade the Belgrade programme for monitoring of activity - sensitive spectral lines of the Sun as a star, during a 11-years Solar cycle is in the course of realization. In accordance with this programme Solar activity influence on spectral lines, as well as the influence of photospheric parameters on such spectral lines has been investigated in several papers (919, 997, 998, 1123, 1124). Due to need to obtain a better connection between astronomical observations and theoretical interpretations of astrophysical spectra, the radiative transfer investigations have also been carried out (888, 954, 1115). Moreover, the influence of the gravitational field on the shape of spectral lines of Seyfert galaxies and quasars (887, 941, 942, 1023) has been studied as well. The work on the formation of a Data Base for the Active Galactic Nuclei (AGN) spectral lines is also in course (1101, 1022).

REFERENCES - LITERATURA

- Dimitrijević, M. S.: 1990, *Line Shapes Investigations in Yugoslavia 1962-1985 (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade, Publ. Obs. Astron. Belgrade 39.
- Dimitrijević, M. S.: 1991, *Line Shapes Investigations in Yugoslavia II. 1985-1989 (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade, Publ. Obs. Astron. Belgrade 41.
- Dimitrijević, M. S.: 1994, *Line Shapes Investigations in Yugoslavia and Serbia III. 1989-1993 (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade, Publ. Obs. Astron. Belgrade 47.
- Dimitrijević, M. S., Konjević, N.: 1980, JQSRT 24, 451.
- Sahal-Bréchet, S.: 1969a, Astron. Astrophys. 1, 91.
- Sahal-Bréchet, S.: 1969b, Astron. Astrophys. 2, 322.
- Vujnović, V., Harrison, J. A., Craggs, J. D.: 1962, Proc. Phys. Soc. (London) 80, 516.

ISTRAŽIVANJA OBLIKA SPEKTRALNIH LINIJA

U JUGOSLAVIJI I SRBIJI 1989 - 1993

Tri prethodno objavljene Bibliografije sa indeksom citata o istraživanjima oblika spektralnih linija u Jugoslaviji, pokrivaju period 1962 - 1993. (Dimitrijević, 1990, 1991, 1994). U periodu od septembra 1993. do marta 1997. godine, objavljen je 261 članak koji se odnosi na istraživanje oblika linija jugoslovenskih (srpskih) autora. U Srbiji su takodje odbranjene i 2 doktorske i 9 magistarskih teza. Shodno tome, od prvog članka u ovoj oblasti (Vujnović i dr., 1962) pa do marta 1997, objavljeno je 1129 (926 od strane srpskih autora) bibliografskih jedinica od ukupno 146 (119 iz Srbije, 26 iz Hrvatske i 1 makedonac koji živi u Francuskoj) jugoslovenskih autora.

U razmatranom periodu istraživani su različiti problemi. Štarkovo širenje linija vodonika i vodoniku sličnih emitera, posebno je proučavano u slučaju He II (924, 1007), kao i u slučaju pomaka vodonikovih linija usled magnetizacije plazme koja se kreće (918, 1040). Pažnja je takodje poklonjena proučavanju oblika H beta linije u prisustvu D.C. magnetnog polja (996, 1083-1085), istraživanju oblika vodoničnih linija u neregularnom tinjavom pražnjenju sa ravnom katodom (926, 1128, 1038), radio-frekventnim (1029) i drugim pražnjenjima (874, 975, 1113, 1114, 1119-1121), uticaju graničnog sloja na Balmerove linije sa niskim n (1036) i uticaju dinamike jona (1034).

Rad na eksperimentalnom određivanju parametara Štarkovog širenja linija nevodoničnih emitera nastavljen je u razmatranom periodu. Bilo je istraživano Štarkovo širenje sledećih atoma i jona: Ar I (869, 932, 947, 994, 1033, 1082, 1087, 1088), Ar III (993, 1076, 1118), Cd II (994, 1019), Cu I (1031), F V (959), Fe I (1032), He I (885, 1094, 1095), Hg I (873), Na I (873, 950, 961, 1116), N II (945, 946, 1097), N III (958, 1018, 1097), N IV (1097, 1098), Ni I, II (917, 1032, 1091, 1099, 1117), O III (1081), O IV (889, 890, 923, 956, 957, 958, 960, 1006), S III (974, 1049), Si I (873, 1091, 1099). Istraživan je takodje uticaj dinamike jona (927-931, 1009-1013, 1015-1017, 1030, 1092, 1093, 1096), temperaturska zavisnost (889, 923, 956, 1006, 1082, 1087), odstupanja od LS veze (890), kao i Li- (1042, 1045), Be- (1043, 1045) i B- (956, 957, 1042, 1044, 1046) izoelektronski nizovi (1125).

Koristeći semiklasični perturbacioni prilaz (Sahal-Bréchet, 1969a,b), istraživani su spektri sledećih elemenata: Be I (878, 905), Mg I (900, 901, 912, 913, 986, 989, 991, 1052, 1072), Al I (904), Rb I (907-909, 981), Se I (1060, 1069, 1070), Sr I (1056, 1057, 1060, 1062), Ba I (1059, 1071, 1125), Li II (978, 979, 985, 1055), Mg II (980, 988, 1064, 1073, 1127), Fe II (962, 967, 969), Ni II (963, 964, 973), Ba II (1059, 1068, 1125), B III (1058, 1063, 1065, 1126), Be III (1053, 1058, 1065), S III (974, 1049), Al III (879, 895), C IV (880), O IV (902, 977, 984), P IV (1061, 1067), S IV (974, 1049), C V (987, 990, 1051, 1074), O V (902, 976, 977), P V (975, 990, 1052), F VII (877), Ne VIII (897, 903, 911), Na IX (897, 911, 914, 983), Al XI (906, 910, 915, 982) and Si XII (899, 906, 910). Istraživan je i uticaj vrednosti jačina oscilatora na parametre Štarkovog širenja (981).

Kada nije moguće upotrebiti semiklasičan perturbacioni prilaz sa odgovarajućom tačnošću, pošto nemamo pouzdane atomske podatke, korišćeni su modifikovani

semiempirijski metod (Dimitrijević i Konjević, 1980) i drugi približni metodi. Takvi metodi istraživani su u referencama (992, 1008, 1037), kao i slučaj kompleksnosti emitera (876, 1020, 1100). Modifikovani semiempirijski prilaz primenjen je na linije Sc II (1102, 1105), Bi II (896), Cd II (882), I II (1101), As II (937, 1101), Zn II (882), Br II (1101), Sb II (936, 1101), Y II (1102, 1105), Zr II (1102, 1105), Kr II (1104), Xe II (938, 1103), Zn III (1107), Ge III (1108), As III (1020), Se III (1020) i Cu IV (895).

U brojnim radovima su istraživane regularnosti i sistematski trendovi parametara Štarkovog širenja (871, 872, 883, 884, 1025-1028, 1078, 1079, 1110). Istraživane su sličnosti parametara Štarkovog širenja u okviru spektralnih serija (943, 1027, 1028), kao i sistematski trendovi za isti tip prelaza u homolognim (871, 872), izonuklearnim (1078, 1079) i izoelektronskim nizovima (1077). Koristeći regularnosti i sistematske trendove, procenjeni su parametri Štarkovog širenja za sledeće emitere: Mg I, Mg II (1112), N V, O VI, S VI, (944), Fe I, Fe II, Fe III, Fe IV, C IV, Si IV (884), Na IX - Ti XX (1080), kao i za ne rezonantne linije dvostruko naelektrisanih jona (1111).

Astronomski aspekti istraživanja spektralnih linija proučavani su u brojnim priložima. Istraživane su optičke dubine formiranja Fraunhoferovih linija (999), osetljivost sunčevih spektralnih linija na mikroturbulentnost (1089), Mg II h i k linije u spektrima alpha Orionis (1003), IM Pegasi i HR 7275 (1024), IUE spektri mu Cephei (920-922, 1004),

Furijeova analiza rotaciono proširenih linija u zvezdanim spektrima (1002), kao i parametri Štarkovog širenja za istraživanje sunčeve i zvezdane plazme (916), kao i za istraživanje spektara toplih zvezda (893, 894, 934, 935, 939, 940, 965, 968, 971, 972, 1055).

Na Astronomskoj opservatoriji u Beogradu u toku realizacije je Beogradski program po kome se u toku 11 godišnjeg sunčevog ciklusa prate spektralne linije Sunca kao zvezde, koje su osetljive na njegovu aktivnost. U skladu sa ovim programom uticaj sunčeve aktivnosti na parametre spektralnih linija, kao i uticaj fotosferskih parametara na ovakve linije, istraživan je u nekoliko članaka (919, 997, 998, 1123, 1124). Takodje su vršena i istraživanja prenosa zračenja, usled potrebe da se poboljša veza između astronomskih posmatranja i teorijske interpretacije astrofizičkih spektara (888, 954, 1115). Izučavan je i uticaj gravitacionog polja na oblik spektralnih linija Sejfertovih galaksija i kvazara (887, 941, 942, 1023). Takodje je u toku i rad na formiranju baze podataka o spektralnim linijama jezgara aktivnih galaksija (AGN) (1101, 1022).

II. BIBLIOGRAPHY AND CITATION INDEX BIBLIOGRAFIJA I INDEKS CITATA

INTRODUCTION

The bibliography with the citation index is divided in four parts. In the first, second and third part are given the citation index of articles from 1962-1985, 1985-1989 and 1989 - 1993 period respectively, given in Dimitrijević (1990, 1991, 1994), with the same numeration. Moreover, the number in brackets after the number of an article, if exists, denotes that at least one author is from Serbia. In such a manner the corresponding bibliography for Serbia is included as well. In the fourth part is the bibliography of articles up to the March of 1997 (1993-1997 period and the bibliographical items not included in Dimitrijević 1990, 1991, 1994) and the corresponding citation index. Besides the included citations, papers of Yugoslav scientists are cited in bibliographical reviews: Dimitrijević (1996, 1997), and Dimitrijević and Popović (1996). After each paper of Yugoslav authors, data on articles where the considered paper is cited are given. For citations already existing in the bibliography of Yugoslav authors, only short data are given.

UVOD

Bibliografija sa indeksom citata podeljena je u četiri dela. U prvom, drugom i trećem delu dat je indeks citata članaka iz perioda 1962-1985, 1985-1989 i 1989-1993 respektivno, koji su ušli u prethodne preglede (Dimitrijević, 1990, 1991, 1994), sa istom numeracijom. Osim toga, broj u zagradi iza rednog broja članka ako postoji, označava da je najmanje jedan autor iz Srbije. Na taj način prisutna je i odgovarajuća bibliografija za Srbiju. U četvrtom delu je bibliografija članaka do marta 1997 (period 1993-1997 i bibliografske jedinice koje nisu uključene u prethodne preglede (Dimitrijević, 1990, 1991, 1994)) i odgovarajući indeks citata. Osim uključenih citata, članci Jugoslovenskih autora su u velikom broju citirani u bibliografskim pregledima: Dimitrijević (1996, 1997) i Dimitrijević i Popović (1996). Posle svakog članka Jugoslovenskih autora, dati su podaci o člancima gde je razmatrani članak citiran. Za članke koji već postoje u bibliografiji jugoslovenskih autora, dati su samo skraćeni podaci.

REFERENCES - LITERATURA

- Dimitrijević, M. S.: 1990, *Line shapes investigations in Yugoslavia 1962-1985 (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade 39.
- Dimitrijević, M. S.: 1991, *Line shapes investigations in Yugoslavia II 1985-1989 (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade 41.

Line Shape Investigation in Yugoslavia and Serbia III (1989-1993)

- Dimitrijević, M. S.: 1994, *Line shapes investigations in Yugoslavia and Serbia III 1993-1997 (Bibliography and citation index)*, Publ. Astron. Obs. Belgrade 47.
- Dimitrijević, M. S., Popović, L. Č. (eds.): 1996, *Astronomical Observatory in Belgrade. Activities and Abstracts of papers 1991-1995*, Publ. Astron. Obs. Belgrade 51.

II.1. CITATION INDEX OF ARTICLES FROM 1962--1985 PERIOD

INDEKS CITATA ČLANAKA IZ PERIODA 1962--1985

1968

6. (3) Pavlov, M., Prasad, A. N.: 1968, *Experimental Studies of the Wing Broadening of the D Beta Line*, Z. Physik 209, 244.

1995

- Terzić M. and Pavlov M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 135.

1970

13. (9) Konjević, N., Ćirković, Lj., Labat, J.: 1970, *Laser Interferometric Measurements of Electron Density in a Shock Wave Plasma*, Fizika 2, 121.

1996

- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

16. (12) Konjević, N., Labat, J., Ćirković, Lj., Purić, J.: 1970, *Measurements of the Stark Broadening Parameters of Some Singly Ionized Argon Lines*, Z. Physik, 235, 35.

1988

- Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.

1994

- Babin, S.A., Shapiro, D.A.: 1994, *Spectral line broadening due to the Coulomb interaction in plasma*, Physics Reports, 241, 119.

- Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52,747.

1995

- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
17. (13) Konjević, N., Mitrović, V., Ćirković, Lj., Labat, J.: 1970, *Measurement of the Stark Broadening Parameters of Several Singly Ionized Nitrogen Lines*, Fizika 2, 129.
- 1996
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
- 1997
- Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 153.
21. (17) Konjević, N., Purić, J., Ćirković, Lj., Labat, J.: 1970, *Measurements of the Stark Broadening Parameters of several Si II Lines*, J. Phys. B **3**, 999.
- 1993
- Perez, C., De la Rosa, I., De Frutos, A.M., Mar, S.: 1993, *Temperature dependence of Stark broadening for several Si II lines*, Phys. Rev. E, **47**, 756.
- 1997
- Lesage, A., Depiesse, M., Meiners, D., Richou, J., Wollschlager, F.: 1997, *A New Deconvolution Method Applied to the Si II(1) Lines Profiles*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **155**, 153.
25. (19) Purić, J., Labat, J., Ćirković, Lj., Konjević, N.: 1970, *Experimental Study of Stark Broadening of Neutral Helium Line 5876 Å in a Plasma*, 1970, Fizika 2, 67.
- 1990
- Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.

1971

28. (22) Konjević, N., Platiša, M., Purić, J.: 1971, *Electron Impact Broadening of Ionized Chlorine Lines*, J. Phys. B 4, 1541.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

32. (26) Platiša, M., Purić, J., Konjević, N., Labat, J.: 1971, *Measurement of Electron-Impact Broadening of Ionized Beryllium and Barium Lines in an Electric Shock Tube Plasma*, Astron. Astrophys. 15, 325.

1995

Fuso, F., Vyacheslavov, L.N., Masciarelli, G., Arimondo, E.: 1994, *Stark-Broadening Diagnostics of the Electron-Density in the Laser-Ablation Plume of YBa₂Cu₃O_{7-X} and PbZrxTi_{1-X}O₃*, J. Appl. Phys. 76, 8088.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

1972

42. (33) Purić, J.: 1972, *Experimental Study of Stark Broadening of Ion Lines in Plasmas*, in Physics of Ionized Gases 1972 (Proc. of Invited lectures given at VI SPIG, Miljevac by Split 1972), ed. M. Kurepa, Institute of Physics, Beograd, p. 521.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

- 1996
- Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.
43. (34) Purić, J.: 1972, *Ispitivanje Štarkovog širenja i pomeraja spektralnih linija neutralnih atoma i jona u plazmi*, Doktorska teza, Univerzitet u Beogradu, Institut za fiziku.
- 1995
- Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, 14, 49.
44. (35) Purić, J., Konjević, N.: 1972, *Stark Shifts of Some Isolated Spectral Lines of Singly Ionized Earth Alkaline Metals*, *Z. Phys.* 249, 440.
- 1988
- Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.
- 1994
- Djeniže, S., Srečković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.
- Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, *Measured Stark widths and shifts of several Ni I and Ni II spectral lines*, *Astron. Astrophys. Suppl. Series*, 105, 115.
- Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Ščepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191
- Ščepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, *Bull. Astron. Belgrade*, 150, 11.
- Skuljan, Lj., Djeniže, S.: 1994, *Bull. Astron. Belgrade*, 149, 15.
- Srečković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, 49, 93.
- Blagojević B., Popović M. V., Konjević N. and Dimitrijević M. S.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* 50, 31.

Bukvić S., Djeniže S. and Srečković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs.Astron. Belgrade **50**, 35.

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT **54**, 581.

Milosavljević V., Djeniže S. and Labat J.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs.Astron. Belgrade **50**, 95.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, **54**, 743.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 132.

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.

Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.

Srečković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta **53**, 54.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, **122**, 163.

46. Tonejc, A. M., Acinger, K., Vujnović, V.: 1972, *Measurements of Halfwidths of Some Argon Lines in a Wall-Stabilized Cascade Arc*, JQSRT **12**, 1305.

1994

Valognes, J.C., Bardet, J.P., Vitel, Y.: 1994, *New Evaluation of Stark-Broadening of 6965 Angstrom Ar I Line Including Levels of Like and Unlike Parentage*, J.Phys.B **26**, 4751.

1996

Pellerin, S., Musiol, K., Pokrzywka, B., Chapelle, J.: 1996, *Stark Width of $4P'(1/2)-4S(3/2)(0)$ Ar-I Transition (696.543 nm)*, J. Phys. B, **29**, 3911.

1973

49. (38) Hadžiomerspahić, D., Platiša, M., Konjević, N., Popović, M.: 1973, *Stark Broadening and Shift of Some Isolated Spectral Lines of Singly Ionized Earth Alkaline Metals*, Z. Phys. 262, 169.

1991

Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.

1995

Fuso, F., Vyacheslavov, L.N., Masciarelli, G., Arimondo, E.: 1994, *Stark-Broadening Diagnostics of the Electron-Density in the Laser-Ablation Plume of YBa₂Cu₃O_{7-X} and PbZr_xTi_{1-x}O₃*, J. Appl. Phys. 76, 8088.

1966

Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.

Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

53. Purić, J., Ćirković, Lj.: 1973, *Regularities in Stark broadening parameters*, XI ICPIG, Prague, 398.

1991

Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

1974

58. (45) Labat, J., Djeniže, S., Ćirković, Lj., Purić, J.: 1974, *Stark Shifts of Singly Ionized Argon Lines*, J. Phys. B 7, 1174.

1988

Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.

1994

Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52,747.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

60. Niemax, K., Pichler, G.: 1974, *Asymmetric Self-Broadening of Cs Principal Lines*, J. Phys. B 7, 1204.

1994

Leegwater, J.A., Mukamel, S.: 1994, *Self-Broadening and Exciton Line Shifts in Gases - Beyond the Local-Field Approximation*, Phys.Rev.A 49, 146.

1995

Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 316.

Winn, M.D., Kahl, G.: 1994, *A Nonlinear Integral - Equation Theory for the Optical Dielectric - Properties of a Polarizable Fluid*, J. Chem. Phys. 101, 10850.

1996

Grantier, D.R., Gole, J.L.: 1996, *Laser-Based Confirmation of Chemically-Induced Raman Pumping and Enhanced Excited Electronic-State Interactions*, Journal of Physical Chemistry, 100, 1709.

61. Niemax, K., Pichler, G.: 1974, *Asymmetric Self-Broadening of Cs Resonance Lines*, J. Phys. B 7, 2355.

1995

Jabbour, Z.J., Sagle, J., Namiotka, R.K., Huennekens, J.: 1995, *Measurement of the Self-Broadening Rate Coefficients of the Cesium Resonance Lines*, JQSRT 54, 767.

Winn, M.D., Kahl, G.: 1994, *A Nonlinear Integral - Equation Theory for the Optical Dielectric - Properties of a Polarizable Fluid*, J. Chem. Phys. 101, 10850.

69. (48) Purić, J., Ćirković, Lj., Labat, J.: 1974, *Regularities in Stark Broadening Parameters*, Fizika 6, 211.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

70. (49)

Purić, J., Djeniže, S., Labat, J., Ćirković, Lj.: 1974, *Stark Broadening Parameters of Si I, Si II and Si III Lines*, Z. Phys. 267, 71.

1992

Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.

1993

Perez, C., De la Rosa, I., De Frutos, A.M., Mar, S.: 1993, *Temperature dependence of Stark broadening for several Si II lines*, Phys. Rev. E, 47, 756.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

1997

Lesage, A., Depiesse, M., Meiners, D., Richou, J., Wollschlager, F.: 1997, *A New Deconvolution Method Applied to the Si II(1) Lines Profiles*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 155. 153.

1975

76. Niemax, K., Pichler, G.: 1975, *New Aspects in the Self-Broadening of Alkali Resonance Lines*, J. Phys. B 8, 179.

1994

Ratliff, L.P., Wagshul, M.E., Lett, P.D., Rolston, S.L., Phillips, W.D.: 1994, *Photoassociative Spectroscopy of $1(G)$ -State, $0(U)(+)$ -State and $0(G)(-)$ -State of Na_2* , J.Chem.Phys., 101, 2638.

1995

Jabbour, Z.J., Sagle, J., Namiotka, R.K., Huennekens, J.: 1995, *Measurement of the Self-Broadening Rate Coefficients of the Cesium Resonance Lines*, JQSRT 54, 767.

Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 316.

Winn, M.D., Kahl, G.: 1994, *A Nonlinear Integral - Equation Theory for the Optical Dielectric - Properties of a Polarizable Fluid*, J. Chem. Phys. 101, 10850.

1996

Sautenkov, V.A., Vankampen, H., Eliel, E.R., Woerdman, J.P.: 1996, *Dipole-Dipole Broadened Line-Shape in a Partially Excited Dense Atomic Gas*, Phys. Rev. Lett., 77, 3327.

Wang, H., Gould, P.L., Stwalley, W.C.: 1996, *Photoassociative Spectroscopy of Pure Long-Range Molecules*, Z. Phys. D, 36, 317.

77. Niemax, K., Pichler, G.: 1975, *Determination of Van der Waals Constants from the Red Wings of Self-Broadened Cs Principal Series Lines*, J. Phys. B 8, 2718.

1997

Cavalieri, S., Celli, M.: 1997, *Light Absorption During a Resonant or Near-Resonant Collision: Study of the Cross Section in the Far-Wing*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings 386, Woodbury, New York, 309.

80. (55) Platiša, M., Popović, M., Dimitrijević, M. S., Konjević, N.: 1975, *Stark Broadening of A III and A IV Lines*, Z. Naturforsch. A 30, 212.

1995

Babin, S.A., Shapiro, D.A.: 1994, *Spectral line broadening due to the Coulomb interaction in plasma*, Physics Reports, 241, 119.

Djenize S., Bukvić S., Srečković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 61.

1996

Djeniže, S., Bukvič, S., Srečković, A., Platiša, M.: 1996, J.Phys.B 29, 429.

Srečković, A., Bukvič, S., Djeniže, S.: 1996, XI Nat. Conf. Yug. Astron., eds. M. Vukičević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 43.

82. (57) Platiša, M., Popović, M., Konjević, N.: 1975, *Stark Broadening of O II and O III Lines*, Astron. Astrophys. 45, 325.

1996

Djeniže, S., Milosavljević, V., Srečković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.

84. (59) Popović, M., Platiša, M., Konjević, N.: 1975, *Stark Broadening of N II and N III Lines*, Astron. Astrophys. 41, 463.

1994

Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191

1995

Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigosos, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-26.

1997

Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 153.

1976

87. (61) Dimitrijević, M. S.: 1976, *Analiza Štarkovog širenja spektralnih linija argona*, Magistarski rad, Institut za fiziku, Beograd.

1995

Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.

91. (65)

Konjević, N., Roberts, J. R.: 1976, *A Critical Review of the Stark Widths and Shifts of Spectral Lines from Non-Hydrogenic Atoms*, J. Phys. Chem. Ref. Data 5, 209.

1981

Glasser, J.: 1981, *Etude d'un plasma d'argon a fortes correlations produit dans un arc sous haute pression*, These pour l'obtention du grade de Docteur es sciences physiques, Universite d'Orleans.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1991

Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.

Garcia, M., Bayon, R., Mar, S., Gigoso, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellaterra (Barcelona), Europhys. Conf. Abstracts 18 D, 140.

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1994, Phys. Rev. E, 51, 4891.

Nikolić, D.: 1994, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 161.

Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 91.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

1996

Bertuccelli, G., Dirocco, H.O.: 1996, *The Measurements of Transition-Probabilities Using Pulsed Capillary Discharges*, JQSRT, 55, 463.

Beverini, N., Delgobbo, G., Genovesi, G.L., Maccarrone, F., Strumia, F., Paganucci, F., Turco, A., Andrenucci, M.: 1996, *Time-Resolved Plasma Diagnostic by Laser-Diode Spectroscopy*, IEEE Journal of Quantum Electronics, 32, 1874.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.

- Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monatomic Species*, JQSRT, 56, 377.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Theoretical Radiative Emission Results for Argon/Copper Thermal Plasmas*, Plasma Chemistry and Plasma Processing, 16, S245.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
- Vučelić, M., Mijović, S.: 1996, Regularization Method and Applications in Spectroscopy, JQSRT, 56, 617.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 16
- Kusz, J., Mazur, D.: 1997, *Stark Effect in Some Lines of Neutral Argon Emitted from a Ferroelectric Plasma Source*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings 386, Woodbury, New York, 323.
92. (66) Konjević, N. Wiese, W. L.: 1976, *Experimental Stark Widths and Shifts for Non-Hydrogenic Spectral Lines of Ionized Atoms (A Critical Review and Tabulation of Selected Data)*, J. Phys. Chem. Ref. Dat 5, 259.
- 1991
- Djeniže, S., Srečković, A., Labat, J.: 1991, JQSRT, 46, 433.
- Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
- Blagojević, B., Popović, M.V., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 197.

- Blagojević, B., Popopvić, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Phys.Rev E*, **50**, 2986.
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Elton, R. C., Billings, D. M., Manka, C. K., Griem, H. R., Grun, J., Ripin, B. H., Resnick, J.: 1994, *Spectroscopic Diagnostics in a Colliding Blast Wave Experiment*, *Phys. Rev. E*, **49**, 1512.
- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, *JQSRT*, **52**, 887.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, *J.Phys.B*, **27**, 413.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.
- North, P., Berthet, S., Lanz, T.: 1994, *The nature of the F str lambda 4077 stars. V. Spectroscopic data*, *Astron. Astrophys. Suppl. Series* **103**, 321.
- 1995
- Blagojević B., Popović M. V. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 27.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Fishman I. S., Salakhov M. Kh. and Sarandaev E. V.: 1995, *Regularities in the Stark parameters of spectral lines of singly ionized aluminum*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 73.
- Fuso, F., Vyacheslavov, L.N., Masciarelli, G., Arimondo, E.: 1994, *Stark-Broadening Diagnostics of the Electron-Density in the Laser-Ablation Plume of YBa₂Cu₃O_{7-X} and PbZr_xTi_{1-x}O₃*, *J. Appl. Phys.* **76**, 8088.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in *Spectral Line Shapes 8*, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 134.
- Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series **78**, 161.

- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, *Phys. Rev. E* **51**, 613.
- Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, **14**, 49.
- 1996
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Phys. Rev. E*, **54**, 743.
- Djurović, S., Kobilarov, R., Vujičić, B.: 1996, *Bull. Astron. Belgrade* **153**, 41.
- Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, *Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk*, eds. V.S. Burakov, M.S. Dimitrijević, *Publ. Obs. Astron. Belgrade* **53**, 105.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, *Phys. Rev. A*, **53**, 2225.
- Mijatović, Z.: 1996, *Zh. Prikl. Spektrosk.* **63**, 836.
- Milosavljević, V.M.: 1996, *Magistarski rad, Fizički fakultet, Beograd*.
- Popović, L.Č.: 1996, *XVIII Symp. Phys. Ioniz. Gases, Kotor*, 465.
- Purić, J.: 1996, *Zh. Prikl. Spektrosk.* **63**, 816.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, *IQSRT* **56**, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, *Optika i Spektroskopiya*, **81**, 33.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, **122**, 163.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, **386**, 149.
103. (72) Purić, J., Djeniže, S., Labat, J., Ćirković, Lj., Lakićević, I.: 1976, *Stark broadening and shift of Si II lines*, *VIII SPIG Dubrovnik*, 405.
- 1997
- Lesage, A., Depiesse, M., Meiners, D., Richou, J., Wollschlager, F.: 1997, *A New Deconvolution Method Applied to the Si II(1) Lines Profiles*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, **155**, 153.

104. (73) Purić, J., Labat, J., Ćirković, Lj.: 1976, *Regularities in Stark broadening parameters of spectral lines of homologous alkaline metals*, VIII SPIG Dubrovnik, 420.
1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
106. (75) Purić, J., Labat, J., Djeniže, S., Ćirković, Lj., Lakičević, I.: 1976, *Experimental Measurements of Stark Shifts and Widths of Na I and K I*, Phys. Lett. A 56, 83.
1995
Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.
1996
Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta 53, 54.
108. (77) Wiese, W.L., Konjević, N.: 1976, *Regularities in the Stark widths of isolated lines*, VIII SPIG Dubrovnik, 416.
1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
- 1977
114. (82) Lakičević, I., Purić, J., Labat, J.: 1978, *Stark Parameters of Rubidium Resonance Lines*, XIII ICPIG, Berlin, 123.
1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertacija dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
1994
Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Physica Scripta 49, 661.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.
115. Movre, M., Pichler, G.: 1977, *Resonance Interaction and Self-Broadening of Alkali Resonance Lines I. Adiabatic Potential Curves*, J. Phys. B 10, 2631.
- 1992
- Julienne, P.S., Smith, A.M., Burnett, K.: 1992, *Theory of collisions between laser cooled atoms*, Advances in Atomic and Molecular Physics, 30, 141.
- 1993
- Miller, J.D., Cline, R.A., Heinzen, D.J.: 1993, *Photoassociation spectrum of ultracold Rb atoms*, Phys. Rev. Lett. 71, 2204.
- 1994
- Bali, S., Hoffmann, D., Walker, T.: 1994, *Novel Intensity Dependence of Ultracold Collisions Involving Repulsive States*, Europhysics Lett. 27, 273.
- Cline, R.A., Miller, J.D., Heinzen, D.J.: 1994, *Study of Rb₂ Long-Range States by High-Resolution Photoassociation Spectroscopy*, Phys.Rev.Lett., 73, 632.
- Julienne, P.S., Suominen, K.A., Band, Y.: 1994, *Complex-Potential Model of Collisions of Laser-Cooled Atoms*, Phys. Rev. A 49, 3890.
- Napolitano, R., Weiner, J., Williams, C.J., Julienne, P.S.: 1994, *Line-Shapes of High-Resolution Photoassociation Spectra of Optically Cooled Atoms*, Phys.Rev.Lett. 73, 1352.
- Ratliff, L.P., Wagshul, M.E., Lett, P.D., Rolston, S.L., Phillips, W.D.: 1994, *Photoassociative Spectroscopy of 1(G)-State, 0(U)(+)-State and 0(G)(-)-State of Na₂*, J.Chem.Phys., 101, 2638.
- Williams, C.J., Julienne, P.S.: 1994, *Molecular Hyperfine-Structure in the Photoassociation Spectroscopy of Laser Cooled Atoms*, J.Chem.Phys. 101, 2634.
- 1995
- Abraham, E.R.I., Ritchie, N.W.M., McAlexander, W.I., Hulet, R.G.: 1995, *Photoassociative Spectroscopy of Long-Range States of Ultracold Li₆² and Li₇²*, J. Chem. Phys. 103, 7773.
- Amiot, C.: 1995, *Analysis of Spectra Obtained by Cold-Atom Photoassociation Spectroscopy - The Rb₂ 1G and 0(G)(-) Electronic States Up to 100 Angstroms*, Chem. Phys. Lett. 241, 133.

- Gardner, J.R., Cline, R.A., Miller, J.D., Heinzen, D.J., Boesten, H.M.J.M., Verhaar, B.J.: 1995, *Collisions of Doubly Spin - Polarized, Ultracold Rb_{85} Atoms*, Phys. Rev. Lett. **74**, 3764.
- Jabbour, Z.J., Sagle, J., Namiotka, R.K., Huennekens, J.: 1995, *Measurement of the Self-Broadening Rate Coefficients of the Cesium Resonance Lines*, JQSRT **54**, 767.
- McAlexander, W.I., Abraham, E.R.I., Ritchie, N.W.M., Williams, C.J., Stoof, H.T.C., Hulet, R.G.: 1995, *Precise Atomic Radiative Lifetime via Photoassociative Spectroscopy of Ultracold Lithium*, Phys. Rev. A **51**, R871.
- Lett, P.D., Julienne, P.S., Phillips, W.D.: 1995, *Photoassociative Spectroscopy of Laser - Cooled Atoms*, Ann. Rev. Phys. Chem. **46**, 423.
- Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 316.
- Solts, R., Ben Reuven, A., Julienne, P.S.: 1995, *Optical Collisions in Ultracold Atom Traps - 2-Photon Distorted-Wave Theory*, Phys. Rev. A **52**, 4029.
- 1996
- Jones, K.M., Julienne, P.S., Lett, P.D., Phillips, W.D., Tiesinga, E., Williams, C.J.: 1996, *Measurement of the Atomic Na(3P) Lifetime and of Retardation in the Interaction Between 2 Atoms Bound in a Molecule*, Europhysics Letters, **35**, 85.
- Marinescu, M., Dalgarno, A.: 1996, *Analytical Interaction Potentials of the Long-Range Alkali-Metal Dimers*, Z. Phys. D, **36**, 239.
- McAlexander, W.I., Abraham, E.R.I., Hulet, R.G.: 1996, *Radiative Lifetime of the 2P State of Lithium*, Phys. Rev. A, **54**, R5.
- Molenaar, P.A., Vanderstraten, P., Heideman, H.G.M.: 1996, *Long-Range Predissociation in 2-Color Photoassociation of Ultracold Na Atoms*, Phys. Rev. Lett., **77**, 1460.
- Szudy, J., Baylis, W.E.: 1996, *Profiles of Line Wings and Rainbow Satellites Associated with Optical and Radiative Collisions*, Physics, Reports-Review Section of Physics Letters, **266**, 130.
- Tiemann, E., Knockel, H., Richling, H.: 1996, *Long-Range Interaction at the Asymptote 3S+3P of Na-2*, Z. Physik D, **37**, 323.

- Tiesinga, E., Williams, C.J., Julienne, P.S., Jones, K.M., Lett, P.D., Phillips, W.D.: 1996, *A Spectroscopic Determination of Scattering Lengths for Sodium Atom Collisions*, Journal of Research of the National Institute of Standards and Technology, 101, 505.
- Vadla, C., Niemax, K., Brust, J.: 1996, *Energy Pooling in Cesium Vapor*, Z. Phys. D, 37, 241.
- Wang, H., Gould, P.L., Stwalley, W.C.: 1996, *Photoassociative Spectroscopy of Pure Long-Range Molecules*, Z. Phys. D, 36, 317.
- Williams, C.J., Tiesinga, E., Julienne, P.S.: 1996, *Hyperfine- Structure of the Na-2 0(G)(-) Long-Range Molecular-State*, Phys. Rev. A, 53, R1939.
119. (86) Purić, J., Labat, J., Ćirković, Lj., Lakićević, I. S., Djeniže, S.: 1977, *Stark Broadening and Shift of Alkali-Metal Resonance Spectral Lines*, J. Phys. B 10, 2375.
- 1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XII Int.Conf. on Spectral Line Shapes, Toronto, PB-5.
Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Physica Scripta 49, 661.
Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.
- 1995
Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 87.
Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
120. (87) Purić, J., Lakićević, I., Labat, J., Djeniže, S., Ćirković, Lj.: 1977, *Stark Widths and Shifts of Some Neutral Fluorine Spectral Lines*, Phys. Lett. A, 63, 243.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

121. Ruždjak, V.: 1977, *Line Profiles in Solar Spicules*, Bull. Astr. Inst. Czech. 28, 198.

1994

Pishkalo, M.I.: 1994, *Nonrigid Rotation of Solar Spicules*, Astronomische Nachrichten 315, 391.

1978

123. (88) Dimitrijević, M. S.: 1978, *Uticaj potencijala dugog dometa na Štarkovo širenje spektralnih linija plazme*, Doktorska disertacija, Univerzitet u Beogradu, Institut za primenjenu fiziku, Beograd PMF.

1995

Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Banjac, O.: 1996, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Institut za fiziku.

126. (91) Dimitrijević, M. S., Grujić, P.: 1978, *Long-Range Potentials and Stark Broadening of Neutral Lines*, JQSRT 19, 407.

1994

Grujić, P.V.: 1994, *Atomski procesi u blizini praga*, SFIN, VII, No 1.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

- 1995
- Grujić P. V.: 1995, *Doubly-excited atoms and the line broadening*, Bull.Astron. Belgrade, 152, 79.
134. (94) Platiša, M., Dimitrijević, M. S., Konjević, N.: 1978, *Stark Broadening of Ne II Lines*, Astron. Astrophys. 67, 103.
- 1994
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.
136. (96) Platiša, M., Popović, M., Konjević, N.: 1978, *Experimental Stark widths of C(II) u. v. lines*, JQSRT 20, 447.
- 1995
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Eksperimental'nye Shtarkovskie shiriny i sdvigi linij ugleroda C II 6578 i C II 6583*, Opt. Spektrosk. 78, 373.
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.
- 1996
- Popović, L.č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
137. (97) Purić, J., Dimitrijević, M. S., Lakićević, I. S.: 1978, *Some regularities within the Stark widths of resonance lines of alkali-like homologous atoms and ions*, Phys. Lett. 67A, 189.
- 1992
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universität, Bochum, 34
- 1995
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

138. (99) Purić, J., Glavonjić, V.: 1978, *Regularities of Stark broadening parameters of resonant spectral lines from He to Ca*, IX SPIG, Dubrovnik, 253.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

139. (99) Purić, J., Lesage, A., Knežević, V.: 1978, Experimental study of the Si II (1) multiplet, IX SPIG, Dubrovnik, 237.

1997

Lesage, A., Depiesse, M., Meiners, D., Richou, J., Wollschlager, F.: 1997, *A New Deconvolution Method Applied to the Si II(1) Lines Profiles*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 155, 153.

145. (100) Wiese, W.L., Konjević, V.: 1978, *Regularities in plasma - broadened line widths*, IX SPIG, Dubrovnik, 257.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1979

147. (102) Dimitrijević, M. S., Grujić, P.: 1979, *Approximate Classical Trajectories and the Adiabatic Theory of the Stark Broadening of Neutral Atom Lines*, Z. Naturforsch. 34a, 1362.

- 1995
- Grujić P. V.: 1995, *Doubly-excited atoms and the line broadening*, Bull.Astron. Belgrade, 152, 79.
- Tedorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.
154. (109) Kelleher, D. E., Konjević, N., Wiese, W. L.: 1979, *Test for ion dynamic dependence of plasma red shifts in neutral hydrogen*, Phys. Rev. A 20, 1195.
- 1997
- Gunter, S., Konies, A.: 1997, *Shifted and asymmetric profiles of hydrogen and hydrogenic ion lines*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings 386, Woodbury, New York, 99.
156. Niemax, K., Movre, M., Pichler, G.: 1979, *Near-wing asymmetries of the self-broadened first Rb and Cs resonance lines*, J. Phys. B 12, 3503.
- 1995
- Jabbour, Z.J., Sagle, J., Namiotka, R.K., Huennekens, J.: 1995, *Measurement of the Self-Broadening Rate Coefficients of the Cesium Resonance Lines*, JQSRT 54, 767.
- Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 316.
- 1996
- Sautenkov, V.A., Vankampen, H., Eliel, E.R., Woerdman, J.P.: 1996, *Dipole-Dipole Broadened Line-Shape in a Partially Excited Dense Atomic Gas*, Phys. Rev. Lett., 77, 3327.
- Szudy, J., Baylis, W.E.: 1996, *Profiles of Line Wings and Rainbow Satellites Associated with Optical and Radiative Collisions*, Physics, Reports-Review Section of Physics Letters, 266, 130.
158. (111) Platiša, M., Popović, M., Dimitrijević, M. S., Konjević, N.: 1979, *Stark broadening of S(III) and S(IV) lines*, JQSRT 22, 333.
- 1995
- Dimitrijević M. S., Djeniže S., Srečković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 47.
- Dimitrijević, M.S., Djeniže, S., Srečković, A., Platiša, M.: 1996, Physica Scripta 53, 545.

159. (112) Purić, J., Lakićević, I. S., Glavonjić, V.: 1979, *Some regularities within the Stark widths and shifts of resonance lines of singly charged ions from He to Ca*, J. Phys. **40**, C7-835.
1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
160. (113) Purić, J., Lakićević, I., Glavonjić, V.: 1979, *Some regularities within the Stark widths and shifts of resonance lines of neutral atoms from He to Ca*, J. Phys. **40**, C7-795.
1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
161. Raymer, M.G., Carlsten, J.L., Pichler, G.: 1979, *Comparison of collisional redistribution and emission line shapes*, J.Phys.B **12**, L119.
1995
Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 316.
- 1980
163. (114) Dimitrijević, M. S.: 1980, *Semiclassical calculations of the Stark widths of C III and C IV*, V ESCAMPIG, Dubrovnik, 90.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
1995
Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
169. (120) Dimitrijević, M. S., Konjević, N.: 1980, *Stark line widths of doubly- and triply- ionized atom lines*, JQSRT **24**, 451.

1993

Bakshi, V., Barrett, B.D., Boone, T.D.Jr., Nunnally, W.C.: 1993, *Spectroscopic Diagnostics of Railgun Plasma Armatures*, IEEE Transactions on Magnetics, 29, 1097.

Dimitrijević, M. S., Popović, L.Č.: 1993, 9 Gen. Conf. of the European Physical Society 'Trends in Physics', Abstracts, Firenze, 138.

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. rev. A, 49, 106.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 337.

Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. 27, 247.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Astron. Astrophys. Suppl. Series 107, 349.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

Glenzer, S.: 1994, *Line broadening of nonhydrogenic ions in plasmas*, XII ICSLS, Toronto, IA-4.

Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.

Konjević, N., Blagojević, B., Popović, M.V., Dimitrijević, M.S.: 1994, XII Int.Conf. on Spectral Line Shapes, Toronto PA-2.

Konjević, R., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

- Popović, L.Č., Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.
- Popović, L.Č., Dimitrijević, M. S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, 18D, 93.
- Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
- Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
- Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.
- 1995
- Alexiou, S., Maron, Y.: 1995, *Theoretically based closed form formulas for the collision operator for isolated ion lines in the standard Stark - broadening theory*, JQSRT 53, 109.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
- Blagojević B., Popović M. V., Konjević N. and Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 31.
- Chayer, P., Fontaine, G., Wesemael, F.: 1995, *Radiative Levitation in Hot White - Dwarfs - Equilibrium - Theory*, Astrophys. J. Suppl. Series 99, 189.
- Chayer, P., Vennes, S., Pradhan, A.K., Thejll, P., Beauchamp, A., Fontaine, G., Wesemael, F.: 1995, *Improved Calculations of the Equilibrium Abundances of Heavy-Elements Supported by Radiative Levitation in the Atmospheres of Hot da White - Dwarfs*, Astrophys. J. 454, 429.
- Dimitrijević, M. S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.
- Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series 111, 565.

- Dimitrijević, M.S.: 1995, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf.Abstacts, 19A, Part II (1995), 607.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 9.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 43.
- Dimitrijević, M. S.: 1995, *Stark widths and shifts of Ni II spectral lines*, Astron.Astrophys.Suppl.Series 114, 171.
- Dimitrijević M. S., Djeniže S., Srećković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 47.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 135.
- Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Gonzales, J.F., Artru, M.-C., Michaud, G.: 1995, *Radiative accelerations on carbon, nitrogen and oxygen*, Astron. Astrophys. 302, 788.
- Gonzales, J.F., LeBlanc, F., Artru, M.-C., Michaud, G.: 1995, *Improvements on radiative acceleration calculations in stellar envelopes*, Astron. Astrophys. 297, 223.
- Konjević, N., Blagojević, B., Popović, M.V., Dimitrijević, M.S.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 87.
- Konjević R.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 87.

- LeBlanc, F., Michaud, G.: 1995, *Radiative accelerations on iron*, Astron. Astrophys. 303, 166.
- Mostovych, A.N., Chan, L.Y., Kearney, K.J., Garren, D., Iglesias, C.A., Klapisch, M., Rogers, F.J.: 1995, *Opacity of Dense, Cold, and Strongly Coupled Plasmas*, Phys. Rev. Lett. 75, 1530.
- Popović, L.Č., Dimitrijević, M. S.: 1995, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
- Popović L. č. and Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 105.
- Rogers, F.J., Iglesias, C.A.: 1995, *The OPAL Opacity Code: New Results*, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 31.
- 1996
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 132.
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, Physica Scripta 53, 545.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series 115, 351.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-8.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-26.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 548.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.
- Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, J.Phys.B 29, 429.
- Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monatomic Species*, JQSRT, 56, 377.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Theoretical Radiative Emission Results for Argon/Copper Thermal Plasmas*, Plasma Chemistry and Plasma Processing, 16, S245.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
- Peach, G.: 1996, *Collisional Broadening of Spectral Lines*, in Atomic, Molecular, & Optical Physics. Handbook, Ed. G.W.F.Drake, AIP Press, Woodbury, New York, 669.
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series 116, 359.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.
- Popović, L.Č., Dimitrijević, M.S.: 1996, 28 EGAS, Graz, EPS Conference Abstracts (ed. L.Windholz), 102.
- Popović, L.Č., Dimitrijević, M.S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, O-11
- Popović, L.Č., Dimitrijević, M. S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukičević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 39.

- Popović, L.Č., Dimitrijević, M.S.: 1996, *Astron. Astrophys. Suppl. Series 120*, 373.
- Popović, L.Č., Dimitrijević, M. S.: 1996, *Proc. 2nd Hellenic Astronomical Conf.*, Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 208.
- Srećković, A., Bukvić, S., Djeniže, S.: 1996, *XI Nat. Conf. Yug. Astron.*, eds. M. Vukičević -Karabin, Z. Knežević, *Publ.Astron. Obs. Belgrade 54*, 43.
- Wrubel, Th., Glenzer, S., Buescher, S., Kunze, H.-J., Alexiou, S.: 1996, *Line profile measurements of the 2s3s-2s3p singlet and triplet transitions in Ne VII*, *Astron. Astrophys.*, 306, 1023.
- 1997
- Alexiou, S.: 1997, *Closing in on Stark Broadening for weakly coupled plasmas*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 79.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 143.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, 122, 163.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 149.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 147.
- Michaud, G., Richer, J.: 1997, *Line Profiles and Actor: Abundance Anomalies in Stars*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 397.
- Wrubel, Th., Glenzer, S., Buscher, S., Kunze, H.J.: 1997, *Line Profile Measurements in a Gas-Liner Pinch Discharge*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, 386, 71.
171. (122) Lakičević, I. S., Purić, J.: 1980, *Stark broadening dependence on the atomic polarizability*, *X SPIG*, Dubrovnik, 218.
- 1993
- Purić, J.: 1993, *XXI ICPIG, Proceedings III*, Ruhr - Universitaet, Bochum, 34
175. (125) Miller, M. H., Lesage, A., Purić, J.: 1980, *Stark broadening trends in homologous ions*, *Astrophys. J.* 239, 410.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

176. Movre, M., Pichler, G.: 1980, *Resonance interaction and selfbroadening of alkali resonance lines II. Quasi-static wing profiles*, J. Phys. B 13, 697.

1992

Julienne, P.S., Smith, A.M., Burnett, K.: 1992, *Theory of collisions between laser cooled atoms*, Advances in Atomic and Molecular Physics, 30, 141.

1993

Horvatić, V., Movre, M., Beuc, R., Vadla, Č.: 1993, *The non-Lorentzian wings of alkali resonance lines. The determination of the atom number density in pure and mixed - alkali vapors*, J.Phys. B, 26, 3679.

1994

Bali, S., Hoffmann, D., Walker, T.: 1994, *Novel Intensity Dependence of Ultracold Collisions Involving Repulsive States*, Europhysics Lett. 27, 273.

1995

Jabbour, Z.J., Sagle, J., Namiotka, R.K., Huennekens, J.: 1995, *Measurement of the Self-Broadening Rate Coefficients of the Cesium Resonance Lines*, JQSKT 54, 767.

1996

Szudy, J., Baylis, W.E.: 1996, *Profiles of Line Wings and Rainbow Satellites Associated with Optical and Radiative Collisions*, Physics, Reports-Review Section of Physics Letters, 266, 130.

Tiesinga, E., Williams, C.J., Julienne, P.S., Jones, K.M., Lett, P.D., Phillips, W.D.: 1996, *A Spectroscopic Determination of Scattering Lengths for Sodium Atom Collisions*, Journal of Research of the National Institute of Standards and Technology, 101, 505.

Vadla, Č., Niemax, K., Brust, J.: 1996, *Energy Pooling in Cesium Vapor*, Z. Phys. D, 37, 241.

184. (129) Purić, J., Lakićević, I.S.: 1978, *Stark broadening dependence on the ionization potential*, X SPIG, Dubrovnik, 216.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

186. (131) Purić, J., Lakićević, I. S., Glavonjić, V.: 1980, *Stark width and shift dependence on the ionization potential*, Phys. Lett. 76A, 128.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

190. Veža, D., Movre, M., Pichler, G.: 1980, *The shape of the inner-wing satellites of self-broadened first resonance lines of CS and Rb*, J. Phys. B 13, 3605.

1995

Sato, Y.: 1995, *Photoabsorption studies of quasimolecules of alkaline - earth and related metal atoms*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 316.

1996

Szudy, J., Baylis, W.E.: 1996, *Profiles of Line Wings and Rainbow Satellites Associated with Optical and Radiative Collisions*, Physics, Reports-Review Section of Physics Letters, 266, 130.

1981

194. (133) Dimitrijević, M. S.: 1981, *Stark broadening of some O III lines*, Publ. Astr. Obs. Sarajevo, 1, 215.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

196. (135) Dimitrijević, M. S., Feautrier, N., Sahal-Bréchet, S.: 1981, *Comparison between quantum and semiclassical calculations of the electron impact broadening of the Li I resonance line*, J. Phys. B 14, 2559.

1993

Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Physica Scripta* 49, 34.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

199. (138) Dimitrijević, M. S., Konjević, N.: 1981, *Semiempirical Stark line widths of alkali like ions*, Astron. Astrophys. 102, 93.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-26.

Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 149.

200. (139)

Dimitrijević, M. S., Konjević, N.: 1981, *Modified semiempirical formula for the electron-impact width of ionized atom lines: Theory and applications*, in Spectral Line Shapes, ed. B. Wende, W. de Gruyter, Berlin, New York, 211.

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. Rev. A, 49, 106.

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Lemoff, B.E., Barty, C.P.J., Harris, S.E.: 1994, *Femtosecond-pulse-driven, electron-excited XUV lasers in eight-times-ionized noble gases*, Optics Letters, 19, 569.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

Djeniže S., Bukvić S., Srećković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 61.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

Lemoff, B.E., Yinm, G.Y., Gordon, C.L., Barty, C.P.J., Harris, S.E.: 1995, *Demonstration of a 10-Hz Femtosecond Pulse-Driven XUV Laser at 41.8-nm in Xe-IX*, Phys. Rev. Lett. 74, 1574.

Seaton, M.J.: 1995, *New Atomic Data for Astronomy: an Introductory Review*, in Astrophysical Application of Powerful New Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series, 78, 1.

1996

Dimitrijević, M.S., Djeniže, S., Srečković, A., Platiša, M.: 1996, Physica Scripta 53, 545.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, 8th European Meeting on Solar Physics, Solar and Heliospheric Plasma Physics, Final Programme and Abstracts, ed. C.E. Alissandrakis, Thessaloniki, 10.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series 115, 351.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-8.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

Djeniže, S., Bukvić, S., Srečković, A., Platiša, M.: 1996, J.Phys.B 29, 429.

Djeniže, S., Milosavljević, V., Srečković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.

Lemoff, B.E., Yin, G.Y., Gordon, C.L., Barty, C.P.J., Harris, S.E.: 1996, *Femtosecond-Pulse-Driven 10-Hz 41.8-nm Laser in Xe-IX*, J. Opt. Soc. of America B-Optical Physics, 13, 180.

Srečković, A., Bukvić, S., Djeniže, S.: 1996, XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 43.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.

201. (140)

Dimitrijević, M. S., Konjević, N.: 1981, *On the Stark broadening of ionized nitrogen lines*, JQSRT 25, 387.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Milosavljević V., Djeniže S. and Labat J.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 95.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.

1996

Djeniže, S., Milosavljević, V., Srečković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gašes, Kotor, 267.

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

202. (141)

Dimitrijević, M. S., Konjević, N.: 1981, *Širenje spektralnih linija u plazmi*, Savremena istraživanja u fizici, I, ed. V. Urošević, Institut za fiziku, Naučna knjiga, Beograd, 191.

1994

Mišković, A.: 1994, Diplomski rad, Univerzitet u Beogradu.

204. (142)

Konjević, N., Dimitrijević, M. S.: 1981, *On the systematic trends of Stark broadening parameters of isolated lines in Plasmas*, in Spectral Line Shapes, ed. B. Wende, W. de Gruyter, Berlin, New York, p. 241.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

206. (144)

Lakičević, I. S., Purić, J.: 1981, *Stark widths and shifts systematic trends*, XV ICPIG, Minsk, 1603.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

208. (146)

Lakičević, I. S., Purić, J., Čuk. M.: 1981, *Stark broadening and shift of Cs I and Al II lines*, in *Spectral Line Shapes*, ed. B. Wende, W. de Gruyter, Berlin, New York, p. 253.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1996

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

212. (147)

Purić, J.: 1981, *Regularities and trends in Stark parameters of neutral and ion spectral lines*, XVI ICPIG, Minsk, 311.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, 14, 49.

213. (148) Purić, J., Labat, O., Lakićević, I.: 1981, *Stark parameter dependence on the ionisation potential*, in Spectral Line Shapes, ed. B. Wende, W. de Gruyter, Berlin, New York, 249.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
214. (149) Purić, J., Lakićević, I.: 1981, *Stark width and shift periodic dependence on nuclear charge number*, XV ICPIG, Minsk, 927.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
215. (150) Purić, J., Lakićević, I. S., Glavonjić, V.: 1981, *Some regularities within the Stark Widths and Shifts of Resonance Ion Lines from Li to Ca*, JQSRT, 26, 65.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, IQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

1982

226. (154)

Dimitrijević, M. S.: 1982, *Stark broadening of heavy ion Solar lines, in Sun and Planetary System*, eds. W. Fricke, G. Teleki, D. Reidel, P. C., Dordrecht, Boston, London, 101.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.

229. (157)

Dimitrijević, M. S.: 1982, *On the Variation of Stark Line Widths within a Supermultiplet*, Astron. Astrophys. 112, 251.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 337.

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monatomic Species*, JQSRT, 56, 377.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

233. (161)

Dimitrijević, M. S., Konjević, N.: 1982, *Semiclassical calculations of electron impact Stark widths of S(III), Cl(III) and S(IV) isolated lines*, JQSRT 27, 203.

1994

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević M. S., Djeniže S., Srečković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 47.
- 1996
- Dimitrijević, M.S., Djeniže, S., Srečković, A., Platiša, M.: 1996, Physica Scripta 53, 545.
248. (174) Lakičević, I. S., Purić, J., Čuk, M.: 1982, *Stark width and shift of Cs I 852.11 nm resonance line*, Phys. Lett. 91A, 19.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
253. (176) Purić, J., Lakičević, I. S.: 1982, *Periodic dependence of Stark width and shift on nuclear charge number*, Phys. Lett., 91A, 345.
- 1991
- Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
258. (181) Rathore, B. A.: 1982, *Study of Stark widths of some spectral lines of Ne I, Si I, Si II, Cr II, Co I, Ni I, Cu I, Zn I, Pb I, Ag I, In I, In II, and Hg I in plasmas*, Doctoral thesis, Beograd PMF.
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.

263. Veža, D., Milošević, S., Pichler, G.: 1982, *Triplet satellite band in the very far blue wing of the self broadened lithium resonance line*, *Chem. Phys. Lett.*, **93**, 401.

1996

Erdman, P.S., Sando, K.M., Stwalley, W.C., Larson, C.W., Fajardo, M.E.: 1996, *High-Temperature, High-Density Observation and Modeling of the Lithium $1(3)\Sigma(+)(U)-1(3)\Pi(G)$ Transition*, *Chem. Phys. Lett.*, 252, 248.

264. (183) Wiese, W.L., Konjević, N.: 1982, *Regularities and similarities in plasma broadened spectral widths (Stark widths)*, *JQSRT* 28, 185.

1991

Djeniže, S., Srećković, A., Labat, J.: 1991, *JQSRT*, 46, 433.

Salakhov, M.Kh.: 1991, *Obrabotka i interpretacija eksperimenta v prikladnoj spektroskopii*, Dissertacija dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertacija dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, *XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum*, 34

Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, 416, 825.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, *JQSRT*, 52, 887.

Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, *J.Phys.B*, 27, 413.

Konjević, R., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P^o$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

1983

265. (184) Dimitrijević, M. S.: 1983, *Stark broadening of Si II and Si III spectral lines*, Astron. Astrophys. 127, 68.

1993

Topilskaya, G.P.: 1993, *Evolutionary status and chemical composition of the atmospheres of He-weak stars*, Astrofiz. Issled. (Izv. SAO) 36, 52.

268. (187) Dimitrijević, M. S., Konjević, N.: 1983, *Stark broadening of isolated spectral lines of heavy elements in plasmas*, JQSRT 30, 45.

1991

Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1994

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Physica Scripta* **49**, 661.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, **52**, 887.

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

Popović, L.Č.: 1994, *Doktorska teza*, Matematički fakultet, Beograd

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

1997

Baclawski, A., Goly, A., Ksiazek, I., Wujec, T.: 1997, *Stark Effect in Some Lines of Br I*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 307.

278. (196)

Lakićević, I. S.: 1983, *Estimated Stark widths and shifts of neutral atom and singly charged ion resonance lines*, *Astron. Astrophys.* **127**, 37.

1993

Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Smith, K.C.: 1994, *Elemental abundances in normal late-B and HgMn stars from co-added IUE spectra, III. Copper and zinc*, Astron. Astrophys. 291, 521.
- 1995
- Dimitrijević, M. S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.
- Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series 111, 565.
- 1996
- Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 63.
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
- Popović, L.Č., Dimitrijević, M.S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, O-11
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series 120, 373.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.
279. (197) Lakićević, I. S., Purić, J.: 1983, *On the Stark broadening and shift regularities*, in Spectral Line Shapes II, ed. K. Burnett, W. de Gruyter, Berlin, New York, 147.
- 1992
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

280. (198) Lakičević, I. S., Purić, J.: 1983, *Stark shift trends in homologous ions*, J. Phys. B, **16**, 1525.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
282. (200) Lesage, A., Rathore, B. A., Lakičević, I. S., Purić, J.: 1983, *Stark widths and shifts of singly ionized silicon spectral lines*, Phys. Rev. A **28**, 2264.
- 1992
Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Perez, C., De la Rosa, I., De Frutos, A.M., Mar, S.: 1993, *Temperature dependence of Stark broadening for several Si II lines*, Phys. rev. E, **47**, 756.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.

283. Pichler, G., Milošević, S., Veža, D., Beuc, R.: 1983, *Diffuse bands in the visible absorption spectra of dense alkali vapors*, J. Phys. B 16, 4619.
- 1995
Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.
- 1996
Azinović, D., Li, X.H., Milošević, S., Pichler, G.: 1996, *Photoassociation and Bound-Bound Excitation into the $2(2)P_i$ State of LiZn, LiCd, and NaZn Molecules*, Phys. Rev. A, 53, 1323.
Azinović, D., Milošević, S., Pichler, G.: 1996, *Cross-Section for the Photochemical Formation of the NaZn ($2(2)P_i$) Excimer*, Z. Phys. D, 36, 147.
Gruber, D., Domiaty, U., Iskra, K., Dinev, S., Windholz, L.: 1996, *Production of the NaHg Molecule by Reactive 3-Body Collisions Following Energy-Transferring Processes of Laser-Excited Na($3P-2$) Atoms*, Journal of Physical Chemistry, 100, 7078.
Szudy, J., Baylis, W.E.: 1996, *Profiles of Line Wings and Rainbow Satellites Associated with Optical and Radiative Collisions*, Physics, Reports-Review Section of Physics Letters, 266, 130.
295. (206 Vujnović, V., Vadla, Č., Lokner, V., Dimitrijević, M. S.: 1983, *Half-widths of neutral fluorine spectral lines*, Astron. Astrophys. 123, 249.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

1984

296. Beuc, R., Milošević, S., Pichler, G.: 1984, *New diffuse bands in the KRb molecule*, J. Phys. B 17, 739.

1995

- Leininger, T., Jeung, G.H.: 1995, *Calculation of the Weakly Coupled 1 and 2 (1) Pi Twin States of KRb*, Phys. Rev. A 51, 1929.

1996

- Okada, N., Kasahara, S., Ebi, T., Baba, M., Kato, H.: 1996, *Optical-Optical Double-Resonance Polarization Spectroscopy of the B(1)Pi State of (KRb)-K-39-Rb-85*, J. Chem. Phys., 105, 3458.

- Yiannopoulou, A., Leininger, T., Lyyra, A.M., Jeung, G.H.: 1996, *Theoretically Calculated Rovibronic Transition Spectra of KRb*, International Journal of Quantum Chemistry, 57, 575.

303. (211) Dimitrijević, M. S., Konjević, N.: 1984, *On the Dependence of Stark Widths and Shift on the Ionization Potential*, Z. Naturforsch. 39a, 553.

1991

- Salakhov, M.Kh.: 1991, *Obrabotka i interpretacija eksperimenta v prikladnoj spektroskopii*, Dissertacija dlya stepeni doktora fiziko-matematičeskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertacija dlya stepeni kandidata fiziko-matematičeskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.

306. (207) Dimitrijević, M. S., Sahal-Bréchet, S.: 1984, *Stark broadening of neutral helium lines*, JQSRT, 31, 301.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Bergeron, P., Wesemael, F., Beauchamp, A., Wood, M.A., Lamontagne, R., Fontaine, G., Liebert, J.: 1994, *A spectroscopic analysis of DAO and hot DA white dwarfs: the implications of the presence of helium and the nature of DAO stars*, *Astrophys. J.* **432**, 305.

Blagojević, B., Popopvić, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Phys.Rev E*, **50**, 2986.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, *J.Phys.D: Appl.Phys.* **27**, 247.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Physica Scripta* **49**, 34.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 243.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Physica Scripta* **49**, 661.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Bull. Astron. Belgrade* **149**, 31.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Bull. Astron. Belgrade* **150**, 47.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Bull. Astron. Belgrade* **150**, 95.

Hubeny, I., Lanz, T., Jeffery, C.S.: 1994, *TLUSTY & SYNSPEC - a brief description*, Newsletter on Analysis of Astronomical Spectra, Daresbury Laboratory, 20, 30.

- Linnell, A.P., Hubeny, I.: 1994, *A spectrum synthesis program for binary stars*, *Astrophys.J.*, 434, 738.
- Piskunov, N., Ryabchikova, T.A., Kuschnig, R., Weiss, W.W.: 1994, *Spectrum variability of ET Andromedae: Si and He surface mapping*, *Astron. Astrophys.* 291, 910.
- Sasselov, D.D., Lester, J.B.: 1994, *The He I lambda 10830 line in classical cepheids. II. Mechanism of formation*, *Astrophys.J.*, 423, 785.
- Zaharova, L.A.: 1994, *Issledovanie atmosfer dvukh HgMn-zvezd s predpolagaemymi anomalijami blagorodnykh gazov*, *Astron. Zh.* 71, 588.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I $2^3P - 3^3D$ line at high densities*, *JQSRT* 54, 73.
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, *Proceedings*, 299.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, 109, 551.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Bull. Astron. Belgrade*, 151, 101.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Bull. Astron. Belgrade*, 151, 115.
- Dimitrijević M. S. and Sahal-Bréchet S.: 1995, *Proc of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs.Astron. Belgrade* 50, 51.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *XIX Int. Conf. on the Physics of Electronic and Ionic Collisions*, Whistler (Canada), 596.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *XIX Int. Conf. on the Physics of Electronic and Ionic Collisions*, Whistler (Canada), 595.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Physica Scripta* 52, 41.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for C V and P V*, *Bull. Astron. Belgrade*, 152, 99.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, in *Laboratory and Astronomical High Resolution Spectra*, eds. A.J. Sauval, R.Blomme, N.Grevesse, ASP Conference Series, 81, 242.
- Kuschnig, R., Ryabchikova, T., Piskunov, N., Weiss, W.W., LeContel, J.M.: 1995, *The atmosphere of the peculiar binary system ET Andromedae*, *Astron. Astrophys.* **294**, 757.
- Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- 1996
- Ben Nessib, N., Ben Lakhdar, Z., Sahal-Bréchet, S.: 1996, *Stark-Broadening of Neutral Oxygen Lines in the Impact and Quasi-Static Approximations*, *Physica Scripta*, **54**, 608.
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.
- Dimitrijević, M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, *Physica Scripta* **53**, 545.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Bull. Astron. Belgrade*, **153**, 89.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Bull. Astron. Belgrade*, **153**, 101.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, **117**, 127.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series* **115**, 351.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 853.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Proc. XI Nat. Conf. Yug. Astron.*, eds. M. Vukićević-Karabin, Z. Knežević, *Publ. Astron. Obs. Belgrade* **54**, 63.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, **119**, 369.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, **119**, 529.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Bull. Astron. Belgrade*, **154**, 61.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **154**, 85.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **154**, 91.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996a, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996b, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.

Vennes, S., Thejll, P.A., Wickramasinghe, D.T., Bessell, M.S.: 1996, *Hot White-Dwarfs in the Extreme-Ultraviolet Explorer Survey .1. Properties of a Southern-Hemisphere Sample*, Astrophys. J., **467**, 782.

1997

Ben Nessib, N., Ben Lakhdar, Z., Sahal - Bréchet, S.: 1997, *Semiclassical Stark Broadening Calculations of Neutral Oxygen Lines*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings 386, Woodbury, New York, 117.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, **122**, 163.

307. (215)

Dimitrijević, M.S., Sahal-Bréchet, S.: 1984, *Stark Broadening of neutral helium lines of astrophysical interest: Regularities within spectral series*, Astron. Astrophys. **136**, 289.

1989

Kopylov, I.M., Leushin, V.V., Tipol'skaya, G.P., Cymbal, V.V., Gvoz'd', Yu.A.: 1989, *Issledovanie kriteriev spektral'noj klassifikacii i temperaturnoj shkaly spektral'nykh klassov, 2. Analiz spektral'nykh kriteriev*, Astrofizicheskie issledovaniya, Izvestiya Special'noj astrofizicheskoy observatorii, **28**, 72.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Bergeron, P., Wesemael, F., Beauchamp, A., Wood, M.A., Lamontagne, R., Fontaine, G., Liebert, J.: 1994, *A spectroscopic analysis of DAO and hot DA white dwarfs: the implications of the presence of helium and the nature of DAO stars*, *Astrophys. J.* **432**, 305.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

310. (218)

Konjević, N., Dimitrijević, M. S., Wiese, W. L.: 1984, *Experimental Stark Widths and Shifts for Spectral Lines of Neutral Atoms (A Critical Review of Selected Data for the Period 1976 to 1982)*, *J. Phys. Chem. Ref. Data* **13**, 619.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1991

Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

- Grabowski, B.: 1993, *Procesy i modele formowania k sztalu linii widmowych w warunkach od chłodnego gazu do goracej plazmy*, Plazma 93, "Badania i zastosowania plazmy", Warszawa, 1993, 26.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.
- Garcia, M., Bayon, R., Mar, S., Gigosos, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellatera (Barcelona), Europhys. Conf. Abstracts 18 D, 140.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.

1995

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.
- Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 161.
- Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
- Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1994, Phys. Rev. E, 51, 4891.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys.Rev. E 51, 613.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Skuljan Lj., Bukvić S., Srečković, A., and Djeniže S.: 1995, *Stark widths of Fe I and Ni I spectral lines*, Bull. Astron. Belgrade, 152, 17.

Szymanski, Z., Kurzyna, J.: 1994, *Spectroscopic Measurements of Laser - Induced Plasma During Welding with CO₂-Laser*, J. Appl. Phys. 76, 7750.

1996

Beverini, N., Delgobbo, G., Genovesi, G.L., Maccarrone, F., Strumia, F., Paganucci, F., Turco, A., Andrenucci, M.: 1996, *Time-Resolved Plasma Diagnostic by Laser-Diode Spectroscopy*, IEEE Journal of Quantum Electronics, 32, 1874.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.

Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monatomic Species*, JQSRT, 56, 377.

Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. 63, 836.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the behaviour of Stark widths of Argon spectral lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-28.

Srečković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.

Vučelić, M., Mijović, S.: 1996, JQSRT, 56, 617.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

Sarandaev, E.V., Salakhov, M.Kh.: 1997, *Regularities in the Behaviour of Stark Widths of Argon Spectral Lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 327.

311. (219) Konjević, N., Dimitrijević, M. S., Wiese, W. L.: 1984, *Experimental Stark Widths and Shifts for Spectral Lines of Positive Ions (A Critical Review and Tabulation of Selected Data for the Period 1976 to 1982)*, J. Phys. Chem. Ref. Data **13**, 649.
- 1991**
- Djeniže, S., Srečković, A., Labat, J.: 1991, JQSRT, **46**, 433.
- Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.
- 1992**
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993**
- Grabowski, B.: 1993, *Procesy i modele formowania k szaltu linii widmowych w warunkach od chlodnego gazu do goracej plazmy*, Plazma **93**, "Badania i zastosowania plazmy", Warszawa, 1993, 26.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994**
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, **52**, 887.
- Popović, L.Č., Dimitrijević, M. S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, **18D**, 93.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Fishman I. S., Salakhov M. Kh. and Sarandaev E. V.: 1995, *Regularities in the Stark parameters of spectral lines of singly ionized aluminum*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 73.

Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 161.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-26.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.

Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.

Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.

Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

Sigut, T.A.A.: 1996, *Non-LTE Calculations for the C-II Doublet System*, Astrophys. J., 473, 452.

Sigut, T.A.A., Lester, J.B.: 1996, *Infrared Rydberg Emission-Lines in Early-Type Stars .1. Mg-II*, Astrophys. J., 461, 972.

Srečković, A., Bukvič, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijevič, Publ. Obs. Astron. Belgrade 53, 147.

1997

Dimitrijevič, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

Dimitrijevič, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 149.

322. Pichler, G., Milošević, S., Veža, D., Konowalov, D.D.: 1984, *Observation and interpretation of the Li_2 diffuse band in the region of 420 nm*, Chem. Phys. Lett., 103, 352.

1996

Weyh, T., Ahmed, K., Demtroder, W.: 1996, *Radiative lifetimes, quenching cross-sections and population mechanisms of the $c-1-\pi(u), 2(3)\pi(g)$ and $1(3)\delta(g)$ states of $Li-7(2)$* , Chem. Phys. Lett., 248, 442.

327. (228) Richou, J., Manola, S., Lebrun, J. L., Lesage, A.: 1984, *Stark-broadening measurements of singly ionized xenon*, Phys. Rev. A 29, 3181.

1994

Benamou, C., Richou, M., Benaim, J.Y., Loussert, A., Bartholin, F., Richou, J.: 1994, *Laser-Induced Fluorescence of Marine Sedimentary Interstitial Dissolved Organic-Matter*, Marine Chemistry, 46, 7.

Gigosos, M.A., Mar, S., Perez, C., de la Rosa, I.: 1994, *Experimental Stark widths and shifts and transition probabilities of several Xe II lines*, Phys. Rev. E, 49, 1575.

Popović, L.Č., Dimitrijevič, M. S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, 18D, 93.

1996

Popović, L.Č., Dimitrijevič, M.S.: 1996, Astron. Astrophys. Suppl. Series 116, 359.

329. Vadla, Č., Niemax, K.: 1984, *The Far-wing broadening of the Na D Lines by K, Rb, and Cs and the Electrostatic Interaction Potentials of the Na K, Na Rb and NaCs Molecules*, Z. Phys. A 315, 263.

1994

Vadla, Č., Movre, M., Horvatić, V.: 1994, *Sodium 3P Fine-Structure Excitation Transfer Induced by Collisions with Rubidium and Cesium Atoms*, J. Phys. B 27, 4611.

1995

Horvatić, V., Veža, D., Movre, M., Niemax, K., Vadla, Č.: 1995, *Collision Cross - Sections for Excitation - Energy Transfer in $\text{Na}(3P_{1/2}) + \text{K}(4S_{1/2})$ Double-Left-Right-Arrow- $\text{Na}(3P_{3/2}) + \text{K}(4S_{1/2})$ Processes*, Z. Physik D 34, 163.

1985

339. (234) Dimitrijević, M. S.: 1985, *Dependence of Stark widths and shifts on the ionization potential: $np^{k-1}(n+1)-np^k$ resonance transitions*, Astron. Astrophys. 145, 439.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Sarandaev, E. V., Salakhov, M. Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

343. (238) Dimitrijević, M. S., Sahal-Bréchet, S.: 1985, *Stark broadening of Na lines: Regularities within a spectral series*, XVII ICPIG, Budapest, 978

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet Bochum, 34

344. (239) Dimitrijević, M. S., Sahal-Bréchet, S.: 1985, *Stark broadening of neutral sodium lines*, JQSRT 34, 149.

1993

Purić, J., Miller, M. H., Lesage, A.: 1993, Astrophys. J., 416, 825.

Line Shape Investigations in Yugoslavia and Serbia IV (1993-1997)

- Srećković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
- 1995
- Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 35.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta 53, 54.
345. (240) Dimitrijević, M. S., Sahal-Bréchet, S.: 1985, *Comparison of measured and calculated Stark broadening parameters for neutral-helium lines*, Phys. Rev. A. 31, 316.
- 1990
- Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London
- 1994
- Schoening, T.: 1994, *Stark broadening of He I lines*, 27, 4501.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
353. (248) Lakićević, I. S.: 1985, *Estimated Stark widths and shifts of some singly charged ion spectral lines*, Astron. Astrophys. 191, 457.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
356. Movre, M., Beuc, R.: 1985, *Van der Waals interaction in excited alkali-metal dimers*, Phys. Rev. A 31, 2957.

1993

Horvatić, V., Movre, M., Beuc, R., Vadla, č.: 1993, *The non-Lorentzian wings of alkali resonance lines. The determination of the atom number density in pure and mixed- alkali vapors*, J.phys. B, 26, 3679.

1994

Vadla, č, Movre, M., Horvatić, V.: 1994, *Sodium 3P Fine-Structure Excitation Transfer Induced by Collisions with Rubidium and Cesium Atoms*, J.Phys.B 27, 4611.

1995

Brust, J., Veža, D., Movre, M., Niemax, K.: 1995, *Collisional Excitation Transfer Between Lithium Isotopes*, Z. Phys. D 32, 305.

Horvatić, V., Veža, D., Movre, M., Niemax, K., Vadla, č.: 1995, *Collision Cross - Sections for Excitation - Energy Transfer in $\text{Na}(3P_{1/2}) + \text{K}(4S_{1/2})$ Double-Left-Right-Arrow- $\text{Na}(3P_{3/2}) + \text{K}(4S_{1/2})$ Processes*, Z. Physik D 34, 163.

358. (249)

Pittman, T., Konjević, N.: 1985, *Width and shift measurements of spectral lines of He I in a proton gas*, in Spectral Line Shapes III, ed. F. Rostas, W. de Gruyter, Berlin, New York, 71.

1996

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

360. (251)

Purić, J., Čuk, M., Lakićević, I. S.: 1985, *Stark parameters dependence on the upper level ionization potential*, XVII ICPIG, Budapest, 1030.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universität, Bochum, 34

362. (253)

Purić, J., Čuk, M., Lakićević, I. S.: 1985, *Regularities and systematic trends in the Stark broadening and shift parameters of spectral lines in plasma*, Phys. Rev. A 32, 1106.

1988

Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.

1991

Djeniže, S., Srečković, A., Labat, J.: 1991, JQSRT, 46, 433.

Salakhov, M.Kh.: 1991, *Obrabotka i interpretaciya eksperimenta v prikladnoj spektroskopii*, Dissertaciya dlya stepeni doktora fiziko-matematicheskikh nauk, Kazanskij Gosudarstvennyj Universitet, Kazan.

1992

Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.

1994

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Popović, L.Č., Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.

1995

Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

Popović, L.Č., Dimitrijević, M. S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.
- 1996
- Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.
368. (256) Vince, I., Dimitrijević, M. S.: 1985, *Influence of different line broadening mechanisms on the Limb-effect within Na I $4s^2S - np^2P$ series*, Publ. Obs. Astron. Belgrade (Proc. VII Nat. Conf. Yug. Astronomers, Hvar, 1983), 33, 15.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
369. (257) Vince, I., Dimitrijević, M. S., Kršljanin, V.: 1985, *Collision broadening and Solar Limb effect: Na I $3p^2P - ns^2S$ lines*, in *Spectral Line Shapes III*, ed. F. Rostas, W. de Gruyter, Berlin, New York, 649.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 139.

370. (258) Vince, I., Dimitrijević, M. S., Kršljanin, V.: 1985, *Pressure broadening and Solar Limb effect*, in Progress in Stellar Spectral Line Formation Theory, eds. J. Beckman, L. Crivellari, D. Reidel, P. C., 373.
- 1994**
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Popović, L.Č., Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.
- Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I. Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
- 1995**
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Popović, L.Č., Dimitrijević, M. S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series **78**, 165.
- 1996**
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series **120**, 373.

INDEKS CITATA ČLANAKA IZ PERIODA 1985-1989

1984

373. (261)

Purić, J., Čuk, M., Rathore, B. A., Lakićević, I. S.: *Stark widths and shifts of Ni I and Pd I resonance lines*, XII SPIG, Šibenik, 457.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

374. (262)

Purić, J., Čuk, M., Rathore, B. A., Lakićević, I. S.: 1984, *Stark widths and shifts of Co I spectral lines*, Phys. Lett. A 106, 374.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

375. (263)

Rathore, B. A., Lakićević, I. S., Čuk, M., Purić, J.: 1984, *Measurement of the Stark widths and shifts of Cr II $4s^1D-4p^1F^0$ spectral lines*, Phys. Lett. A 100, 31.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14,

1996

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.

1985

381. Veža, D., Milošević, S.: Pichler, G.: 1985, *Discharge studies of the lithium dimer diffuse bands*, *Opt. Commun.* 56, 172.

1996

Weyh, T., Ahmed, K., Demtroder, W.: 1996, *Radiative lifetimes, quenching cross-sections and population mechanisms of the $c-1-Pi(u), 2(3)Pi(g)$ and $1(3)Delta(g)$ states of $Li-7(2)$* , *Chem. Phys. Lett.*, 248, 442.

383. (270) Vujčić B. T.: 1985, *Experimental investigation of broadening parameters of helium lines with forbidden components in laser produced plasma*, in *The Physics of Ionized Gases*, eds. M. M. Popović, P. Krstić (SPIG-84), World Scientific, Singapore, 747.

1993

Vujčić, B., Djurović, S., Pavlov, M., Mijatović, Z., Kobilarov, R.: 1992/1993, *Faculty of sciences - University of Novi Sad, Review of Research, Physics Series*, 22/23, 107.

1986

391. (276) Dimitrijević, M. S., Artru, M. -C.: 1986, *Stark broadening of Ga II and Ga III stellar lines*, XIII SPIG, Šibenik 317.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žiznovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Ryuabchikova, T.A., Smirnov, Yu.M.: 1994, *Sily oscillyatorov linij Ga II v vidimoj oblasti spektra i sodержanie galliya v atmosfere HgMn-zvezdy kappa Cancr*, *Astronomicheskij Zhurnal* 71, 83.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

- Smith, K.C.: 1995, *Anomalous gallium line profiles in HgMn stars: possible evidence for chemically stratified atmospheres*, Astron. Astrophys. 297, 237.
- 1996
- Smith, K.C.: 1996, *Elemental abundances in normal late - B and HgMn stars from co-added IUE spectra, IV. Gallium*, Astron. Astrophys. 305, 902.
392. (277) Dimitrijević, M. S., Feautrier, N., Sahal-Bréchet, S.: 1986, *Resonance structures in electron scattering cross sections and Stark broadening*, XIII SPIG, Šibenik, 303.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
395. (280) Dimitrijević, M. S., Konjević, N.: 1986, *Simple formulae for estimating Stark widths and shifts of neutral atom lines*, Astron. Astrophys. 163, 297.
- 1992
- Gray, D.F.: 1992, *The Observation and Analysis of Stellar Photospheres*, Cambridge University Press, Cambridge.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Chayer, P., Fontaine, G., Wesemael, F.: 1995, *Radiative Levitation in Hot White - Dwarfs - Equilibrium - Theory*, Astrophys. J. Suppl. Series 99, 189.
- Chayer, P., Vennes, S., Pradhan, A.K., Thejll, P., Beauchamp, A., Fontaine, G., Wesemael, F.: 1995, *Improved Calculations of the Equilibrium Abundances of Heavy-Elements Supported by Radiative Levitation in the Atmospheres of Hot da White - Dwarfs*, Astrophys. J. 454, 429.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević M. S. and Todorović N. K.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 55.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Physica Scripta 52, 41.

Erkapič, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.

Erkapič, S., Vince, I.: 1995, *Bull. Astron. Belgrade*, 151,13.

Gonzales, J.F., Artru, M.-C., Michaud, G.: 1995, *Radiative accelerations on carbon, nitrogen and oxygen*, *Astron. Astrophys.* 302, 788.

Gonzales, J.F., LeBlanc, F., Artru, M.-C., Michaud, G.: 1995, *Improvements on radiative acceleration calculations in stellar envelopes*, *Astron. Astrophys.* 297, 223.

LeBlanc, F., Michaud, G.: 1995, *Radiative accelerations on iron*, *Astron. Astrophys.* 303, 166.

Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Stehle, C.: 1995, Line shapes in astrophysics, in *Spectral Line Shapes 8*, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 36.

Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Phys.Rev. E*, 54, 743.

Dimitrijević, M.S., Il'in, G.G., Sarandaev, E.V., Salakhov, M.Kh.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 283.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, 117, 127.

Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monatomic Species*, *JQSRT*, 56, 377.

Menart, J., Heberlein, J., Pfender, E.: 1996, *Theoretical Radiative Emission Results for Argon/Copper Thermal Plasmas*, *Plasma Chemistry and Plasma Processing*, 16, S245.

Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.

1997

Michaud, G., Richer, J.: 1997, *Line Profiles and Abundance Anomalies in Stars*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 397.

398. (283)

Dimitrijević, M. S., Kršljanin, V.: 1986, *Electron-impact shifts of ion lines: Modified semiempirical approach*, *Astron. Astrophys.* 165, 269.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.

Popović, L.Č., Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

Popović, L.Č.: 1994, *Doktorska teza*, Matematički fakultet, Beograd

Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.

1995

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Proc. of the First Hungarian-Yugoslav Astronomical Conference*, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, 49, 93.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

Nikolić, B.: 1995, *Magistarski rad*, Fizički fakultet, Beograd.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Phys.Rev. E*, **54**, 743.

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Djeniže, S., Srečković, A., Platiša, M.: 1996, *Physica Scripta* **53**, 545.

Milosavljević, V.M.: 1996, *Magistarski rad*, Fizički fakultet, Beograd.

Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.

Popović, L.Č., Dimitrijević, M.S.: 1996, *Physica Scripta* **53**, 325.

Popović, L.Č., Dimitrijević, M.S.: 1996, *Astron. Astrophys. Suppl. Series* **116**, 359.

Popović, L.Č., Dimitrijević, M. S.: 1996, ^{Proc. 2nd} *Hellenic Astronomical Conf.*, Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 208.

404. (289) M. S. Dimitrijević, Truong-Bach: 1986, *On the Stark Broadening of Singly Ionized Argon Lines*, Z. Naturforsch., **41a**, 772.
1988
Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.
1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
409. (294) Konjević, R., Konjević, N.: 1986, *Stark broadening and shift of neutral copper spectral lines*, Fizika **18**, 327.
1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
1995
Fishman I. S., Il'in G. G., Konovalova O. A., Sarandaev E. V. and Salakhov M. Kh.: 1995, *The interdependence between the parameters of Stark broadening and asymmetry of self-reversed spectral lines with the quadratic Stark effect*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 69.
1996
Dimitrijević, M.S., Il'in, G.G., Sarandaev, E.V., Salakhov, M.Kh.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 283.
411. (296) Konjević, N., Pittman, T. L.: 1986, *Stark broadening of spectral lines of homologous, doubly-ionized inert gases*, JQSRT **35**, 473.
1994
Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.

417. Luh, W. T., Bahns, J. T., Sando, K. M., Stwalley, W. C., Heneghan, S. D., Charavorty, K. P., Pichler, G., Konowalow, D. D.: 1986, *Interference continuum fluorescence of K_2* , Chem. Phys. Lett., 131, 335.
1995
Gondal, M.A., Khan, M.A., Rais, M.H.: 1995, *Emission - Spectra of Calcium Dimer - The $A^1\Sigma_u^+ - X^1\Sigma_g^+$ System*, Chem. Phys. Lett. 243, 94.
430. Pichler, G., Bahns, J. T., Sando, K. M., Stwalley, W. C., Konowalow, D. D., Li, L., Field, R. W., Müller, W.: 1986, *Electronic assignments of the violet bands of sodium*, Chem. Phys. Lett. 129, 425.
1993
Acosta Ortiz S.E., Telle, H.H., Kary Ono : 1993, *Observation of molecular - emission bands in CW He-Cd+ hollow - cathode lasers*, Phys. Rev. A, 48, 3002.
1994
Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1994, *Laser-Driven Channels of Reactive Collisions in Na Plus Cd Vapors*, Chem. Phys. 187, 73.
Farbert, A., Koch, J., Platz, T., Demtroder, W.: 1994, *Vibrationally Resolved Resonant 2-Photon Ionization Spectroscopy of the $1^3\Sigma_u^+ B - 1^3\Sigma_u^+ X$ Transition of Na_2* , Chem. Phys. Lett. 223, 546.
Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable $Cd(5P^3P)$ Level*, J. Chem. Phys. 100, 8103.
Mehdizadeh, E., Ahmed, K., Demtroder, W.: 1994, *Lifetimes, Population and Deactivation Mechanisms of the C^1P_i , 2^3P_i , and $2^1\Sigma_u^+$ States of Na_2* , Appl. Phys. B 59, 509.
1995
Lin, ~~L.T.~~ Prelas, M.A., He, Z., Bahns, J.T., Stwalley, W.C., Miley, G.H., Batyrbekov, E.G., Shaban, Y.R., Petra, M.: 1995, *Design of an ICF Plant Using a Nuclear-Driven Solid - State Laser*, Laser and Particle Beams 13, 95.
Xu, J.H., Gozzini, A., Mango, F., Bernheim, R.A.: 1995, *$Na(3^2P)$ Sensitized Na_2 Emission - Spectra Enhanced by Polydimethylsiloxane Vapors*, Chem. Phys. Lett., 243, 474.

1996

Azinović, D., Li, X.H., Milošević, S., Pichler, G.: 1996, *Photoassociation and Bound-Bound Excitation into the $2(2)P_i$ State of LiZn, LiCd, and NaZn Molecules*, Phys. Rev. A, 53, 1323.

Azinović, D., Milošević, S., Pichler, G.: 1996, *Cross-Section for the Photochemical Formation of the NaZn ($2(2)P_i$) Excimer*, Z. Phys. D, 36, 147.

431. (305)

Pittman, T. L., Konjević, N.: 1986, *Stark broadening along homologous sequences of singly ionized noble gases*, JQSRT 35, 247.

1988

Malešević, M.M.: 1988, *Magistarski rad*, PMF Beograd.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1996

Popović, L.Č., Dimitrijević, M.S.: 1996, *Astron. Astrophys. Suppl. Series 116*, 359.

Popović, L.Č., Dimitrijević, M.S.: 1996, *Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk*, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.

432. (306)

Pittman, T. L., Konjević, N.: 1986, *Experimental study of Stark broadened N II lines from states of high orbital angular momentum*, JQSRT 36, 289.

1993

Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, 416, 825.

1996

Milosavljević, V.M.: 1996, *Magistarski rad*, Fizički fakultet, Beograd.

Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigoso, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-26.

1997

Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 153.

436. (310)

Uzelac, N. I., Konjević, N.: 1986, *Stark broadening of the He I 4471 Å line and its forbidden component in dense cool plasma*, Phys. Rev. A 33, 1349.

1996

Pérez, C., de la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1996, *Calibration of the Stark - Broadening Parameters of Two He I Lines*, Japanese Journal of Applied Physics, 35, 4073.

Valognes, J.C., Bardet, J.P.: 1996, *Stark broadening of the 4471 Å He(I) spectral lineshape in dense cool plasmas ($1.0 \times 10^{17} \text{ cm}^{-3} < N_e < 1.1 \times 10^{18} \text{ cm}^{-3}$, $20,000 \text{ K} < T_e < 40,000 \text{ K}$)*, JQSRT 56, 855.

441. (312)

Vince, I. I.: 1986, *Uticaj sudarnih procesa na Limb-efekt*, Doktorska disertacija, Beograd PMF.

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1995

Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.

1987

448. (319)

Atanacković, O., Borsenberger, J., Oxenius, J., Simonneau, E.: *Resonance line transfer and transport of excited atoms Self-consistent solutions (2)*, JQSRT 38, 427.

1994

Oxenius, J., Simonneau, E.: 1994, *Kinetic-Theory of Spectral-Line Formation*, Annals of Physics, 234, 60.

459. (327)

Dimitrijević, M. S., Konjević, N.: 1987, *Simple estimates for Stark broadening of ion lines in stellar plasmas*, Astron. Astrophys. 172, 345.

1991

Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.

1992

Djeniže, S., Labat, J., Konjević, R.: 1992, *Contrib. Plasma Phys.*, **32**, 69.

1993

Norreys, P.A., Zhang, J., Cairns, G., Djaoui, A., Dwivedi, L., Key, M.H., Kodama, R., Krishnan, J., Lewis, C.L.S., Neely, D., Neill, D.O., Pert, G.J., Ramsden, S.A., Rose, S.J., Tallents, G.J., Uhomoibhi, J.: 1993, *Measurement of the photo-pump strength of the 3d - 5f transitions in the automatically line matched Ni - like Sm photo - pumped x - ray laser*, *J.Phys.B*, **26**, 3693.

Furić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, *Measured Stark widths and shifts of several Ni I and Ni II spectral lines*, *Astron. Astrophys. Suppl. Series*, **105**, 115.

Konjević, R., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191.

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

Popović, L.Č.: 1994, *Doktorska teza*, Matematički fakultet, Beograd

1995

Butler, K.: 1995, *Atmospheres and Winds of Hot Stars: The Impact of New Opacity Calculations and Continuing Needs*, in *Astrophysical Applications of Powerful New Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series, **78**, 509.

Chayer, P., Fontaine, G., Wesemael, F.: 1995, *Radiative Levitation in Hot White - Dwarfs - Equilibrium - Theory*, *Astrophys. J. Suppl. Series* **99**, 189.

Chayer, P., Vennes, S., Pradhan, A.K., Thejll, P., Beauchamp, A., Fontaine, G., Wesemael, F.: 1995, *Improved Calculations of the Equilibrium Abundances of Heavy-Elements Supported by Radiative Levitation in the Atmospheres of Hot da White - Dwarfs*, *Astrophys. J.* **454**, 429.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

- Dimitrijević, M.S.: 1995, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf.Abstacts, 19A, Part II (1995), 607.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 43.
- Dimitrijević, M. S.: 1995, *Stark widths and shifts of Ni II spectral lines*, Astron.Astrophys.Suppl.Series 114, 171.
- Gonzales, J.F., Artru, M.-C., Michaud, G.: 1995, *Radiative accelerations on carbon, nitrogen and oxygen*, Astron. Astrophys. 302, 788.
- Gonzales, J.F., LeBlanc, F., Artru, M.-C., Michaud, G.: 1995, *Improvements on radiative acceleration calculations in stellar envelopes*, Astron. Astrophys. 297, 223.
- LeBlanc, F., Michaud, G.: 1995, *Radiative accelerations on iron*, Astron. Astrophys. 303, 166.
- Stehle, C.: 1995, Line shapes in astrophysics, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 36.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
- 1997
- Michaud, G., Richer, J.: 1997, *Line Profiles and Abundance Anomalies in Stars*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 397.
463. (331) Dimitrijević, M. S., Mihajlov, A. A., Popović, M. M.: 1987, *Stark broadening trends along homologous sequences*, Astron. Astrophys. Suppl. Series 70, 57.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
466. (334) Dimitrijević, M. S., Sahal-Bréchet, S.: 1987, *Stark broadening of neutral potassium lines*, JQSRT 38, 37.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

471. Jones, D. W., Pichler, G., Wiese, W. L.: 1987, *Assymetries in spectral lines due to plasma-ion broadening: Some unusual cases and a possible test for plasma homogeneity*, Phys. Rev. A, 35, 2585.

1995

Bye, C.A., Scheeline, A.: 1995, Electron-Density Profiles in Single Spark Discharges, JQSRT 53, 75.

472. (339) Konjević, N., Pittman, T. L.: 1987, *Stark broadening of spectral lines of homologous, doubly ionized inert gases*, JQSRT 37, 311.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.

Konjević, R., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191.

1995

Djeniže S., Bukvić S., Srećković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 61.

Konjević R.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 87.

1996

Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, J.Phys.B 29, 429.

- Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.
- Srečković, A., Bukvić, S., Djeniže, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 43.
479. Milošević, S., Kowalczyk, P., Pichler, G.: 1987, *A study of structured continua in K_2 excited by the 457.9 nm Ar-ion laser line*, J. Phys. B 20, 2231.
- 1995
- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.
483. (344) Pavlov, M., Terzić, M.: 1987, *Influence of the glass-to-plasma boundary layers in a T-tube on the H_β line profile*, JQSRT 37, 373.
- 1995
- Terzić M. and Pavlov M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 135.
487. (345) Purić, J., Ćuk, M., Rathore, B. A.: 1987, *Stark widths and shifts of neutral neon spectral lines*, Phys. Rev. A 35, 1132.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
490. (348) Purić, J., Djeniže, S., Srečković, A., Labat, J., Ćirković, Lj.: 1987, *Stark widths and shifts of Ne II spectral Lines*, Phys. Rev. A 35, 2111.
- 1988
- Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.
- 1991
- Djeniže, S., Srečković, A., Labat, J.: 1991, JQSRT, 46, 433.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.

1995

Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

492. (350) Purić, J., Srećković, A., Djeniže, S., Platiša, M.: 1987, *Stark broadening and regularities of prominent multiply ionized nitrogen spectral lines*, Phys. Rev. A 36, 3957.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.

1994

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.

1995

Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

Milosavljević V., Djeniže S. and Labat J.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 95.

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

Milosavljević, V., Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 263.

Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigosos, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-26.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, IQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 31, 33.

1997

Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: ~~1997~~, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 153.

495. Valdlá, Č., Obrebski, A., Niemax, K.: 1987, *Isotope shift of the $3s^2S_{1/2}$ and $3p^2P_1$ levels in $^6,7\text{Li}$* , Opt. Commun. 63, 288.

1993

Hergenroder, R., Veža, D., Niemax, K.: 1993, *Detection limit and selectivity for lithium isotopes in continuous wave field-ionization laser spectroscopy*, 48, 589.

1994

Luchow, A., Kleindienst, H.: 1994, *Accurate Upper and Lower Bounds to the S-2 States of the Lithium Atom*, Int. J. of Quantum Chemistry 51, 211.

1995

Brust, J., Veža, D., Movre, M., Niemax, K.: 1995, *Collisional Excitation Transfer Between Lithium Isotopes*, Z. Phys. D 32, 305.

Horvatić, V., Veža, D., Movre, M., Niemax, K., Vadla, Č.: 1995, *Collision Cross - Sections for Excitation - Energy Transfer in $\text{Na}^*(3P_{1/2}) + \text{K}(4S_{1/2})$ Double-Left-Right-Arrow- $\text{Na}^*(3P_{3/2}) + \text{K}(4S_{1/2})$ Processes*, Z. Physik D 34, 163.

Perger, W.F., Idrees, M.: 1995, *Relativistic Calculation of Specific Mass Shifts for Ar^+ , Ni , Kr^+ , and Ce^+ Using a Multi - Configuration Dirac - Fock Approach*, Computer Phys. Communications 85, 389.

Radziemski, L.J., Engleman, R., Brault, J.W.: 1995, *Fourier - Transform - Spectroscopy Measurements in the Spectra of Neutral Lithium, Li-6-I and Li-7-I (Li-I)*, Phys. Rev. A 52, 4462.

Sansonetti, C.J., Richou, B., Engleman, R., Radziemski, L.J.: 1995, *Measurements of the Resonance Lines of Li_6 and Li_7 by Doppler - Free Frequency - Modulation Spectroscopy*, Phys. Rev. A 52, 2682.

1988

504. (358) Arsenijević, J., Kubičela, A., Vince, I.: 1988, *Be Stars --- A challenge to the observers and theoreticians*, Bull. Obs. Astron. Belgrade 138, 31.

1966

Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

507. (360) Dimitrijević, M. S.: 1988, *Stark broadening of the Fe II lines in the Solar and stellar spectra, in Physics of Formation of Fe II Lines Outside LTE*, IAU Coll. 94, eds. R. Viotti, A. Vittone, M. Friedjung, Reidel, Dordrecht (Holland), 211.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.

Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series 111, 565.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

508. (361)

Dimitrijević, M. S.: 1988, *Electron-impact widths of doubly and triply charged ion lines of astrophysical importance*, Astron. Astrophys. Suppl. Series 76, 53.

1993

Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.

1994

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. 27, 247.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Dimitrijević M. S., Djeniže S., Srečković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 47.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Djeniže, S., Srečković, A., Platiša, M.: 1996, Physica Scripta 53, 545.

Line Shape Investigations in Yugoslavia and Serbia IV (1993-1997)

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.
509. (362) Dimitrijević, M. S.: 1988, *Comparison between different approximate approaches for the calculation of Stark widths of doubly-, and triply-charged ion lines of astrophysical importance*, Bull. Obs. Astron. Belgrade 139, 31.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- 1996
- Dimitrijević, M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, Physica Scripta 53, 545.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.
522. (375) Djeniže, S., Srećković, A., Milosavljević, M., Labat, O., Platiša, M., Purić, J.: 1988, *Stark broadening and shift of multiply ionized carbon spectral lines*, Z. Phys. D-Atoms, Molecules and Clusters, 9, 129.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, ~~XXI~~ ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34.

1994

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Eksperimental'nye Shtarkovskie shiriny i sdvigi linij ugljeroda C II 6578 i C II 6583*, Opt. Spektrosk. 78, 373.

1996

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.

Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.

Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

525. (378)

Djurović, S., Konjević, N.: 1988, *Stark shift and broadening of F I and Cl II lines*, Z Phys. D 10, 425.

1993

Schwabedissen, A., Botticher, W.: 1993, *Impact broadening and shift of near - infrared Xe I and Cl I lines by Ne*, J.Phys.B, 26, 3467.

526. (379)

Djurović, S., Konjević, R., Platiša, M., Konjević, N.: 1988, *Stark broadening and shift of neutral bromine lines*, J. Phys. B 21, 739.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1996

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, *Bull. Astron. Belgrade* 153, 41.

1997

Baclawski, A., Goly, A., Ksiazek, I., Wujec, T.: 1997, *Stark Effect in Some Lines of Br I*, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 307.

527. (380)

Djurović, S., Mijatović, Z., Kobilarov, R.: 1988, *The H_β Line Dip Shift*, *Contrib. Plasma Phys.* 28, 229.

1995

Seidel, J., Arndt, S., Kraeft, W.D.: 1995, *Energy - Spectrum of Hydrogen - Atoms in Dense - Plasmas*, *Phys. Rev. E* 52, 5387.

1966

Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1996, *XVIII Symp. Phys. Ioniz. Gases, Kotor*, 290.

528. (381)

Duemmler, R., Kubičela, A., Dozan, V., Bourdonneau, B., Arsenijević, J.: 1988, *The development and weakening of the shell spectrum of 88 Herculis (1977-1987)*, *Astron. Astrophys. Suppl. Ser.* 75, 311.

1996

Arsenijević, J., Marković-Kršljanin, S., Jankov, S., Vince, I., Kubičela, A., Erkapić, S.: 1996, *Variation of the linear optical polarization of 88 Her*, *Proc. 2nd Hellenic Astron. Conf.* eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis, Hellenic Astronomical Society, Thessaloniki, 1996, 228.

530. (382)

Istrefi, L.: 1988, *Stark broadening of spectral lines in some N(II) and C(III) multiplets in Z-pinch plasma*, *Revue Roumaine de Physique*, 33, 667.

1966

Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigosos, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, *XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche*, A-26.

1997

Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 153.

532. (384)

Kobilarov, R., Popović, M. V., Konjević, N.: 1988, *Plasma shift of the He II P_α line*, Phys. Rev. A 37, 1021.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London.

1995

Stefanović, I, Ivković, M., Konjević, N.: 1995, Physica Scripta 52, 178.

1996

Buscher, S., Glenzer, S., Wrubel, T., Kunze, H.J.: 1996, *Investigation of the He-II-P-Alpha and He-II-P-Beta Transitions at High-Densities*, J. Phys. B, 29, 4107.

534. (386)

Lanz, T., Dimitrijević, M. S., Artru, M. -C.: 1988, *Stark broadening of visible Si II lines in stellar atmospheres*, Astron. Astrophys. 192, 299.

1994

Adelman, S.J.: 1994, *Elemental abundance analysis with DAO spectrograms - XII. The mercury-manganese stars HR 4072A and 7775 and the metallic-lined star HR 4072B*, Mont. Not. R. Astron. Soc., 266, 97.

Adelman, S.J.: 1994, *Elemental abundance analysis with DAO spectrograms - XIII. The superficially normal early A-type stars 68 Tauri, 21 Lyncis and Alpha Draconis*, Mont. Not. R. Astron. Soc., 271, 355.

Adelman, S.J., Davis Philip, A.G.: 1994, *Elemental Abundances of the B and A stars. II. Gamma Geminorum, HD 60825, 7 Sextantis, HR 4817, and HR 5780*, Publ. Astron. Soc. Pacific, 106, 1239.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, Astron. Astrophys. Suppl. Series, 105, 115.

Khokhlova, V.L.: 1994, *O roli Shtarkovskikh sdvigov spektral'nykh linij pri opredelenii Khimicheskogo sostava zvezd metodom modelej atmosfer*, Pis'ma v Astron. Zh. 20, 110.

Lopez-Garcia, Z., Adelman, S.J.: 1994, *Elemental abundance studies of CP stars: The silicon star HD 43819 and the CP star HD 147550*, Astron. Astrophys. Suppl. Series, 107, 353.

North, P., Berthet, S., Lanz, T.: 1994, *The nature of the F str lambda 4077 stars. V. Spectroscopic data*, Astron. Astrophys. Suppl. Series 103, 321.

Piskunov, N., Ryabchikova, T.A., Kuschnig, R., Weiss, W.W.: 1994, *Spectrum variability of ET Andromedae: Si and He surface mapping*, Astron. Astrophys. 291, 910.

Wahlgren, G.M., Adelman, S.J., Robinson, R.D.: 1994, *An optical region elemental abundance analysis of the chemically peculiar HgMn star Khi Lupi*, Astrophys.J., 434, 349.

Zverko, J., Zboril, M., Ziznovski, J.: 1994, *Abundance determination in the CP star 21 Canum Venaticorum by means of spectrum synthesis*, Astron. Astrophys., 283, 932.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Kuschnig, R., Ryabchikova, T., Piskunov, N., Weiss, W.W., LeContel, J.M.: 1995, *The atmosphere of the peculiar binary system ET Andromedae*, Astron. Astrophys. 294, 757.

Piskunov, N.E., Kupka, F., Ryabchikova, T.A., Weiss, W.W., Jeffery, C.S.: 1995, *VALD: The Vienna Atomic Line Data Base*, Astron. Astrophys. Suppl. Series, 112, 525.

1996

Adelman, S.J.: 1996, *Elemental Abundance Analyses with DAO Spectrograms .15. The Superficially Normal Late B-Type and Early A-Type Stars Merak, Pi Draconis and Kappa Cephei*, Monthly Notices of the Royal Astronomical Society, 280, 130.

Adelman, S.J., Philip, A.G.D.: 1996, *Elemental Abundances of the B-Star and A-Star .3. Gamma-Geminorum, Hr-1397, Hr-2154, HD-60825 and 7-Sextantis*, Monthly Notices of the Royal Astronomical Society, 282, 1181.

Bertuccelli, D., Dirocco, H.O.: 1996, *The Elastic Contribution to the Linewidths*, Physics of Plasmas, 3, 2778.

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

- Pintaldo, O.I., Adelman, S.J.: 1996, *Elemental abundance analyses with Complejo Astronomico El Leoncito REOSC echelle spectrograms. I. kappa Cancri, HR 7245, and ksi Octantis*, Astron. Astrophys. Suppl. Series 118, 283.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
- Srečković, A., Bukvić, S., Djenize, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
- 1997
- Lesage, A., Depiesse, M., Meiners, D., Richou, J., Wollschlager, F.: 1997, *A New Deconvolution Method Applied to the Si II(1) Lines Profiles*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 155, 153.
535. Logožar, R., Beuc, R., Movre, M.: 1988, *Van der Waals and resonance interactions in the quasimolecular system Eu-Sr*, Phys. Rev. A 38, 3969.
- 1995
- Brust, J., Veža, D., Movre, M., Niemax, K.: 1995, *Collisional Excitation Transfer Between Lithium Isotopes*, Z. Phys. D 32, 305.
537. (387) Manola, S., Konjević, N., Richou, J., Lebrun, J. L., Lesage, A.: 1988, *Stark broadening of the singly ionized xenon lines: Temperature variation*, Phys. Rev. A 38, 5742.
- 1994
- Gigosos, M.A., Mar, S., Perez, C., de la Rosa, I.: 1994, *Experimental Stark widths and shifts and transition probabilities of several Xe II lines*, Phys. Rev. E, 49, 1575.
- 1996
- Bertuccelli, D., Dirocco, H.O.: 1996, *The Elastic Contribution to the Linewidths*, Physics of Plasmas, 3, 2778.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series 116, 359.
540. Pichler, G., Fijan, D., Veža, D., Rukavina, J., Schlejen, J.: 1988, *Satellite and diffuse bands of the KHg excimer*, Chem. Phys. Lett. 147, 497.
- 1994
- Czuchaj, E., Rebentrost, F., Stoll, H., Preuss, H.: 1994, *Adiabatic potential curves for the KZn and KCd excimers*, Chem. Phys. Lett. 218, 454.

1995

Angeli, C., Persico, M., Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1995, *Theoretical - Analysis of the Emission - Spectra of the NaCd Excimer*, J. Chem. Phys. 102, 7782.

Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg^* States*, Chem. Phys. 196, 267.

Milošević, S.: 1995, *Diffuse bands in intermetallic excimers*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 391.

543. Pichler, G., Veža, D., Fijan, D.: 1988, *NaCd Excimer emission bands*, Opt. Commun. 67, 45.

1993

Acosta Ortiz S.E., Telle, H.H., Kary Ono : 1993, *Observation of molecular - emission bands in CW He-Cd+ hollow - cathode lasers*, Phys. Rev. A, 48, 3002.

1994

Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable $Cd(5P^3P_J)$ Level*, J. Chem. Phys. 100, 8103.

Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, J. Chem. Phys. 101, 929.

Xing, D., Ueda, K., Takuma, H.: 1994, *Electron-Beam Excitation of Zn_2 Excimer*, Japanese Journal of Applied Physics 2-Letters 33, L1676.

1995

Angeli, C., Persico, M., Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1995, *Theoretical - Analysis of the Emission - Spectra of the NaCd Excimer*, J. Chem. Phys. Lett., 154, 126.

Milošević, S.: 1995, *Diffuse bands in intermetallic excimers*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 391.

1996

Angeli, C., Persico, M.: 1996, *Quasi-Adiabatic and Adiabatic States and Potential-Energy Curves for Na-Cd Collisions and Excimer Formation*, Chem. Phys., 204, 57.

- Gruber, D., Li, X., Windholz, L., Gleichmann, M.M., Hess, B.A., Vezmar, I., Pichler, G.: 1996, *The LiHg (2(2)Pi(3/2) - X(2)Sigma(+)(1/2)) System*, Journal of Physical Chemistry, 100, 10062.
544. (388) Purić, J., Djeniže, S., Srećković, A., Čuk, M.: 1988, *Regularities in neutral and ion line Stark broadening in plasma*, Fizika 20, 485.
- 1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.
- 1992
Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.
- 1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
545. (389) Purić, J., Djeniže, S., Srećković, A., Čuk, M., Labat, J., Platiša, M.: 1988, *Stark broadening and regularities of ionized neon and argon spectral lines*, Z. Phys. D 8, 348.
- 1988
Malešević, M.M.: 1988, Magistarski rad, PMF Beograd.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Line Shape Investigations in Yugoslavia and Serbia IV (1993-1997)

Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, **416**, 825.

1994

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, *JQSRT*, **52**, 887.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

1995

Djeniže S., Bukvić S., Srećković A. and Platiša M.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* **50**, 61.

Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, **14**, 49.

1996

Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, *J.Phys.B* **29**, 429.

Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* **153**, 35.

Djeniže, S., Labat, J.: 1996, *XVIII Symp. Phys. Ioniz. Gases, Kotor*, 271.

Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* **154**, 17.

Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, *XVIII Symp. Phys. Ioniz. Gases, Kotor*, 267.

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* **63**, 816.

547. (391)

Purić, J., Djeniže, S., Srećković, A., Milosavljević, M., Platiša, M., Labat, J.: 1988, *Stark shifts of N III and O III spectral lines*, *XIV SPIG, Sarajevo*, 345.

1995

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, **49**, 93.

Milosavljević V., Djeniže S. and Labat J.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* **50**, 95.

1996

Milosavljević, V.M.: 1996, *Magistarski rad, Fizički fakultet, Beograd*.

548. (392)

Purić, J., Djeniže, S., Srećković, A., Platiša, M., Labat, J.: 1988, *Stark-broadening regularities of prominent multiply-ionized-oxygen spectral lines in plasma*, Phys. Rev. A 37, 498.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.

1994

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. Henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.

Konjević, N., Blagojević, B., Popović, M.V., Dimitrijević, M.S.: 1994, XII Int.Conf. on Spectral Line Shapes, Toronto PA-2.

1995

Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Blagojević B., Popović M. V., Konjević N. and Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 31.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Konjević, N., Blagojević, B., Popović, M. V., Dimitrijević, M. S.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 75.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996**
- Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
- Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.
549. (393) Purić, J., Djeniže, S., Labat, J., Platiša, M., Srećković, A., Čuk, M.: 1988, *Stark-broadening regularities of lithium-like and sodium-like isoelectronic sequences*, Z. Phys. D 10, 431.
- 1993**
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.
- 1995**
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996**
- Blagojević, M., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1996, Phys. Rev. E, 54, 743.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
- Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
- Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
- Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.

551. (395) ~ Purić, J., Srećković, A., Djeniže, S., Platiša, M.: 1988, *Stark broadening and regularities of prominent spectral lines of multiply ionized chlorine and fluorine*, Phys. Rev. A 37, 4380.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34.
- 1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
552. Schlejen, J., Woerdman, J. P., Pichler, G.: 1988, *The NaHg Spectrum Revisited: An Analysis of the NaHg $A^2\Pi$ state and Double-Well $B^2\Sigma$ State*, J. Mol. Spectrosc. 128, 1.
- 1994
Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, J. Chem. Phys. 101, 929.
- 1995
Angeli, C., Persico, M., Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1995, *Theoretical - Analysis of the Emission - Spectra of the NaCd Excimer*, J. Chem. Phys. 102, 7782.
- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg States*, Chem. Phys. 196, 267.
- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.
- Gruber, D., Domiaty, U., Li, X., Windholz, L., Gleichmann, M., Hess, B.A.: 1995, *The NaHg Red Bands Revisited*, J. Chem. Phys. 102, 5174.

Lawley, K.P., Ridley, T., Min, Z., Wilson, P.J., Alkahali, M.S.N., Donovan, R.J.: 1995, *Vibronic Coupling Between Rydberg and Ion-Pair States of I-2, Investigated by (2+1)- Resonance-Enhanced Multiphoton Ionization Spectroscopy*, Chem. Phys. 197, 37.

1996

Gruber, D., Domiaty, U., Iskra, K., Dinev, S., Windholz, L.: 1996, *Production of the NaHg Molecule by Reactive 3-Body Collisions Following Energy-Transferring Processes of Laser-Excited Na(3P-2) Atoms*, Journal of Physical Chemistry, 100, 7078.

Gruber, D., Li, X., Windholz, L., Gleichmann, M.M., Hess, B.A., Vezmar, I., Pichler, G.: 1996, *The LiHg (2(2)Pi(3/2) - X(2)Sigma(+)(1/2)) System*, Journal of Physical Chemistry, 100, 10062.

558. (398)

Vince, I., Kubičela, A., Arsenijević, J.: 1988, *Belgrade program, for monitoring of activity-sensitive spectral lines of the Sun as a star II. Selection of Fraunhofer Lines and Beginning of a Study of their Long-term Changes*, Bull. Obs. Astron. Belgrade 139, 25.

1994

Erkapić, S., Vince, I.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 328.

1995

Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.

Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 159.

1996

Erkapić, S., Vince, I.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.

Vince, I.: 1996, *Long-Term Variations of Solar Spectral Lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 11.

Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

559. (399) Vitel, Y., Skowronek, M., Dimitrijević, M. S., Popović, M. M.: 1988, *Stark broadening along a homologous sequence of noble gas atomic lines in dense plasmas*, *Astron. Astrophys.* **200**, 285.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.
Djenize, S., Skuljan, Lj., Konjević, R.: 1995, *JQSRT* **54**, 581.
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 548.
- 1996
Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, *JQSRT* **56**, 399.
- 1997
Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, **122**, 163.
- 1989
563. Bahns, J. T., Pichler, G., Stwalley, W. C.: 1989, *The 458 nm Diffuse Band of the Lithium Dimer*, *J. Chem. Phys.* **90**, 2841.
- 1994
Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, *J. Chem. Phys.* **101**, 929.

1996

Shahdin, S., Mgheder, M.A., Elmaghor, F.A., Sharada, S.M., Bouzed, A.T.: 1996, *Effect of the Unexcited Vapor Region Inside a Heatpipe on the Observation of UV Diffuse Bands in 337.1 nm Excitation of Na-2*, Applied Physics B-Lasers and Optics, 62, 319.

Urbanski, K., Antonova, S., Yiannopoulou, A., Lyyra, A.M., Li, L., Stwalley, W.C.: 1996, *All-Optical Triple-Resonance Spectroscopy of the A-(1)Sigma(+)(U) State of Li-7(2)*, J. Chem. Phys., 104, 2813.

Weyh, T., Ahmed, K., Demtroder, W.: 1996, *Radiative lifetimes, quenching cross-sections and population mechanisms of the c-1-Pi(u), 2(3)Pi(g) and 1(3)Delta(g) states of Li-7(2)*, Chem. Phys. Lett., 248, 442.

566. (402)

Čuk, M. V.: 1989, *Zakovitosti Štarkovog širenja i pomeranja spektralnih linija u plazmi unutar sličnih spektara atoma i jona*, Doktorska disertacija, Beograd, PMF.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

567. (403)

Dimitrijević, M. S.: 1989, *Stark broadening in astrophysics*, Bull. Obs. Astron. Belgrade 140, 111.

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

1995

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

1996

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 47.

Popović, L.Č., Dimitrijević, M. S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukičević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 39.

571. (407)

Dimitrijević, M. S., Djurić, Z., Mihajlov, A. A., 1989, *Electron-impact broadening of Cu IV lines for the diagnostic of the arc plasma of electrodynamic macro-particle accelerator*, Journal de Physique, Suppl. au No 1, Coll. Cl, 50, Cl-623.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

573. (409)

Dimitrijević, M. S., Popović, M. M.: 1989, *Estimates of Stark width along a homologous sequence*, *Astron. Astrophys.* 217, 201.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *XVIII Symp. Phys. Ioniz. Gases, Kotor*, 548.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk*, eds. V.S. Burakov, M.S. Dimitrijević, *Publ. Obs. Astron. Belgrade* 53, 97.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Zh. Prikl. Spektrosk.* 63, 853.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Proc. XI Nat. Conf. Yug. Astron.*, eds. M. Vukičević - Karabin, Z. Knežević, *Publ. Astron. Obs. Belgrade* 54, 31.

Popović, L.Č., Dimitrijević, M.S.: 1996, *Physica Scripta* 53, 325.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, 122, 163.

581. (417)

Djeniže, S., Malešević, M., Srečković, A., Milosavljević, M., Purić, J.: 1989, *Stark broadening and shift of singly-ionized argon spectral lines in higher multiplets*, *JQSRT* 42, 429.

1988

Malešević, M.M.: 1988, *Magistarski rad*, PMF Beograd.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52,747.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

582. (418)

Djurović, S.: 1989, *Štarkovo širenje i pomeranje spektralnih linija neutralnih halogenih elemenata u plazmi stabilisanog električnog luka*, Doktorska disertacija, Beograd, PMF.

1994

Nikolić, D.: 1994, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet,

1995

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Banjac, O.: 1996, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Institut za fiziku.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

585. Fijan, D., Pichler, G., Veža, D.: 1989, *Photochemical production of the electronically excited NaCd excimer*, Chem. Phys. Lett. 154, 126.

1994

Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1994, *Laser-Driven Channels of Reactive Collisions in Na Plus Cd Vapors*, Chem. Phys. **187**, 73.

Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable Cd($5P^3P_1$) Level*, J. Chem. Phys. **100**, 8103.

Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, J. Chem. Phys. **101**, 929.

1995

Angeli, C., Persico, M., Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1995, *Theoretical - Analysis of the Emission - Spectra of the NaCd Excimer*, J. Chem. Phys. **102**, 7782.

Azinovič, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. **233**, 477.

Azinovič, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg' States*, Chem. Phys. **196**, 267.

1996

Angeli, C., Granucci, G., Persico, M.: 1996, *A Surface Hopping Study of Energy-Transfer in Na+cd-Asterisk Collisions*, Chem. Phys. Lett., **255**, 65.

Angeli, C., Persico, M.: 1996, *Quasi-Adiabatic and Adiabatic States and Potential-Energy Curves for Na-Cd Collisions and Excimer Formation*, Chem. Phys., **204**, 57.

Gruber, D., Li, X., Windholz, L., Gleichmann, M.M., Hess, B.A., Vezmar, I., Pichler, G.: 1996, *The LiHg ($2(2)Pi(3/2) - X(2)Sigma(+)(1/2)$) System*, Journal of Physical Chemistry, **100**, 10062.

587. (421)

Halenka, J., Vujičić, B., Djurović, S.: 1989, *Shift of the peaks of the H_γ spectral line*, JQSRT **42**, 571.

1995

Djurović S., Mijatović Z., Pavlov M., Vujičić B., Kobilarov R. and Nikolić D.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, Publ.Obs. Astron. Belgrade **50**, 68.

588. (422) Kobilarov, R., Konjević, N., Popović, M. V.: 1989, *Influence of ion dynamics on the width and shift of isolated He I lines in plasmas*, Phys. Rev. A 40, 3871.
- 1990
- Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London
- 1994
- Blagojević, B., Popović, M.V., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 197.
- Garcia, M., Bayon, R., Mar, S., Gigosos, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellatera (Barcelona), Europhys. Conf. Abstracts 18 D, 140.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XII ICSLS, Toronto, PA-3.
- Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.
- Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XII ICSLS, PB-2.
- Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191
- Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.
- Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, 149, 15.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Blagojević B., Popović M. V. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 27.
- Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I $2^3P - 3^3D$ line at high densities*, JQSRT 54, 73.
- Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.
- Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

- Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1994, Phys. Rev. E, 51, 4891.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 77.
- Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 60.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys. Rev. E 51, 613.
- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- 1996
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.
- Blagojević, B., Popović, M.V., Konjević, N., Pavlović, Z.: 1996, *Spectroscopic diagnostics of high current pulse discharge in the helium-nitrogen gas mixture*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 318.
- Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.
- Mijatović, Z.: 1996, Zh. Prikl. Spektrosk. 63, 836.
- Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 310.
589. Kowalczyk, P., Milošević, S., Pichler, G.: 1989, *Collisional population of the 2^1P_1 state in K_2* , Z. Phys. D 11, 213.
- 1995
- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.
- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of K Hg^+ States*, Chem. Phys. 196, 267.
592. (425) Kršljanin, V.: 1989, *Štarkov pomak jonskih linija kod toplih zvezda (Ion Lines Stark Shifts in spectra of Hot Stars)*, Publ. Obs. Astron. Belgrade 37.
- 1994
- Khokhlova, V.L.: 1994, *O roli Shtarkovskikh sdvigov spektral'nykh linij pri opredelenii Khimicheskogo sostava zvezd metodom modelej atmosfer*, Pis'ma v Astron. Zh. 20, 110.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Line Shape Investigations in Yugoslavia and Serbia IV (1993-1997)

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
1996
- Provencal, J.L., Shipman, H.L., Thejll, P., Vennes, S., Bradley, P.A.:
1996, Ultraviolet Spectroscopy of the Dbv-White-Dwarf
Star-Gd-358, *Astrophys. J.*, 466, 1011.
593. (426) Kršljanin, V., Dimitrijević, M. S.: 1989, *Modified semiempirical Stark
widths and shifts of Ar II lines*, *Bull. Obs. Astron. Belgrade* 140, 7.
1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*,
eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak
Academy of Sciences, Tatranska Lomnica, 137.
1995
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Knauer, J.P., Kock, M.: 1996, *Experimental Stark broadening constants
for Ar I, Ar II and Kr I resonance lines in the vacuum
ultraviolet region*, *JQSRT* 56, 563.
594. (427) Kršljanin, V., Dimitrijević, M. S.: 1989, *Modified semiempirical Stark
shifts of Ar II lines*, *Z. Phys. D* 14, 273.
1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*,
eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak
Academy of Sciences, Tatranska Lomnica, 137.
1995
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
605. (433) Purić, J., Djeniže, S., Srečković, A., Platiša, M., Labat, J.: 1989, *Stark
width regularities within several ionization stages of Kr and Xe*, XIX
ICPIG, Beograd, Contributed papers, ed. J. M. Labat, Faculty of
Sciences, 328.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

606. (434) Uzelac, N. I.: 1989, *Širenje i pomeranje spektralnih linija atoma i jona inertnih gasova u slaboneidealnoj plazmi impulsnih bljeskalica*, doktorska disertacija Beograd, ETF.

1996

Pellerin, S., Musiol, K., Pokrzywka, B., Chapelle, J.: 1996, *Stark Width of $4P'(1/2)-4S(3/2)(0)$ Ar-I Transition (696.543 nm)*, J. Phys. B, 29, 3911.

608. (436) Uzelac, N. I., Konjević, N.: 1989, *Stark broadening and shift of Kr I and Kr II lines in dense plasma*, J. Phys. B 22, 2517.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1996

Pellerin, S., Musiol, K., Pokrzywka, B., Chapelle, J.: 1996, *Stark Width of $4P'(1/2)-4S(3/2)(0)$ Ar-I Transition (696.543 nm)*, J. Phys. B, 29, 3911.

Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.

611. (438) Vince, I., Dimitrijević, M. S.: 1989, *Pressure broadening and Solar spectral line bisectors*, in Solar and Stellar Granulation, eds. R. J. Rutten, G. Severino, Kluwer Acad. Publ., 93.

1994

Gray, D.F., Baliunas, S.L.: 1994, *The Activity Cycle of Tau-Ceti*, Astrophys. J. 427, 1042.

Vince, I.: 1996, *Long-Term Variations of Solar Spectral Lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 11.

612. (439) Vujičić, B. T., Djurović, S., Halenka, J.: 1989, *The Stark broadening of the He I 667.8 nm line*, Z. Phys. D 11, 119.

1994

Garcia, M., Bayon, R., Mar, S., Gigosos, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellaterra (Barcelona), Europhys. Conf. Abstracts 18 D, 140.

Valognes, J.C., Bardet, J.P., Vitel, Y.: 1994, *New Evaluation of Stark-Broadening of 6965 Angstrom Ar I Line Including Levels of Like and Unlike Parentage*, J.Phys.B 26, 4751.

1996

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

Valognes, J.C., Bardet, J.P.: 1996, *Stark broadening of the 4471 Å He(I) spectral lineshape in dense cool plasmas ($1.0 \times 10^{17} \text{ cm}^{-3} < N_e < 1.1 \times 10^{18} \text{ cm}^{-3}$, $20,000 \text{ K} < T_e < 40,000 \text{ K}$)*, JQSRT 56, 855.

II. 3. CITATION INDEX OF ARTICLES FROM 1989--1993 PERIOD
INDEKS CITATA ČLANAKA IZ PERIODA 1989--1993

1987

617. (444) Mijatović, Z., Pavlov, M., Djurović, S.: 1987, *Asymmetry of the H beta central part measured in a T-tube*, JQSRT, 38, 209.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1988

620. (447) Srećković, A. B.: 1988, *Ispitivanje Štarkovog širenja i pomeranja jonskih spektralnih linija u plazmi*, Doktorska disertacija, Fizički fakultet, Beograd.

1994

Mišković, A.: 1994, *Diplomski rad*, Univerzitet u Beogradu.

1995

Nikolić, B.: 1995, *Magistarski rad*, Fizički fakultet, Beograd.

1996

Kovačević, A.: 1996, *Univerzitet u Beogradu*, Fizički fakultet, Beograd.

Milosavljević, V.M.: 1996, *Magistarski rad*, Fizički fakultet, Beograd.

1989

621. (448) Dimitrijević, M. S.: 1989, *Classical Trajectory Method in line Shapes Investigations*, in *Classical Dynamics in Atomic and Molecular Physics*, eds. T. Grozdanov, P. Grujić, P. Krstić, World Scientific, Singapore, New Jersey, London, Hong Kong, 403.

1993

Grabowski, B.: 1993, *Procesy i modele formowania k kształtu linii widmowych w warunkach od chłodnego gazu do goracej plazmy*, Plazma 93, "Badania i zastosowania plazmy", Warszawa, 1993, 26.

622. (449)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1989, *Tables for He I lines Stark broadening parameters*, Bull. Obs. Astron. Belgrade 141, 57.

1990

Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London

1991

Astashinskij, V.M., Bakanovich, G.I., Bukova, N.A., Kuz'mickij, A.M., Man'kovskij, A.A., Min'ko, L.Ya.: 1991, *Spektroskopicheskaya diagnostika plazmy kvazistacionarnogo sil'notochnogo plazmennogo uskoritelya s ispol'zovaniem primesej inertnykh gazov*, Zh. Prikl. Spektrosk., 55, 337.

1994

Castelli, F., Bonifacio, P., Kurucz, R.L.: 1994, *The LTE helium abundance in Vega*, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 141.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.

1995

Bonifacio, P., Castelli, F., Hack, M.: 1995, *The field horizontal - branch B-type star Feige 86*, Astron. Astrophys. Suppl. Series, 110, 441

Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I $2^3P - 3^3D$ line at high densities*, JQSRT 54, 73.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Mijatović, Z.: 1996, Zh. Prikl. Spektrosk. 63, 836.
623. (450) Djurović, S., Konjević, N.: 1989, *Stark broadening and shift of neutral iodine lines and regularities for analogous transitions of halogen atoms*, Z. Phys. D, 11, 113.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 625 (452) Konjević N.: 1989, *Stark broadening of multielectron atom and ion lines: present status and applications*, XIX ICPIG Invited papers, ed. V. J. Žigman, Beograd, 382.
- 1991
- Astashinskij, V.M., Bakanovich, G.I., Bukova, N.A., Kuz'mickij, A.M., Man'kovskij, A.A., Min'ko, L.Ya.: 1991, *Spektroskopicheskaya diagnostika plazmy kvazistacionarnogo sil'notochnogo plazmennogo uskoritelya s ispol'zovaniem primesej inertnykh gazov*, Zh. Prikl. Spektrosk., 55, 337.
- Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.
- 1995
- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.
- 1990.
627. Azinović, D., Pichler, G.: 1990, *Ultraviolet and Blue NaHg and NaCd Excimer Bands*, Appl. Phys. B, 51, 427.
- 1994
- Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable Cd($5P^1P_1$) Level*, J. Chem. Phys. 100, 8103.

631. (457) Dimitrijević, M. S.: 1990, *Line shapes investigations in Yugoslavia 1962-1985 (Bibliography and Citation Index)*, Publ. Obs. Astron. Belgrade N° 39, 1-203.
1996
Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade, 54, 39.
632. (458) Dimitrijević, M. S.: 1990, *Accuracy of line broadening data*, in *Accuracy of Elemental Abundances from Stellar Atmospheres*, ed. R. Wehrse, Lecture Notes in Physics N° 356, Springer Verlag, 31.
1993
Grabowski, B.: 1993, *Procesy i modele formowania k szaltu linii widmowych w warunkach od chłodnego gazu do goracej plazmy*, Plazma 93, "Badania i zastosowania plazmy", Warszawa, 1993, 26.
1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
638. (464) Dimitrijević, M. S., Peach, G.: 1990, *Regularities and similarities of the widths of spectral lines perturbed by neutral atoms*, Astron. Astrophys. 236, 261.
1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
1996
Mashonkina, L.I., Bikmaev, I.F.: 1996, *Determination of Non-LTE Barium Abundances in Solar-Type Stars - A Technique for Non - LTE Calculations*, Astronomicheskij Zhurnal, 73, 109.
640. (466) Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Stark broadening of He I lines*, Astron. Astrophys. Suppl. Series, 82, 519.

1991

Cymbal, V.V.: 1991, *Linii He I v atmosferakh B-zvezd*, Astrofiz. issled. (Izv. SAO), 34, 113.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Schoening, T.: 1994, *Stark broadening of He I lines*, J. Phys. B 27, 4501.

Smith, M.A., Hubeny, I., Lanz, T., Meylan, T.: 1994, *Dynamic processes in Be star atmospheres. II. He I 2P-nD line formation in lambda Eridani (outburst)*, Astrophys.J. 432, 392.

1995

Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I $2^3P - 3^3D$ line at high densities*, JQSRT 54, 73.

Butler, K.: 1995, *Atmospheres and Winds of Hot Stars: The Impact of New Opacity Calculations and Continuing Needs*, in *Astrophysical Applications of Powerful New Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series, 78, 509.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

Schoening, T.: 1995, *Stark broadening of He I lines*, in *Spectral Line Shapes 8*, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 55.

Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

Todorović-Vasović, N.K.: 1995, Magistarski rad, Fizički fakultet, Beograd.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, *Bull. Astron. Belgrade* **153**, 41.

Israelian, G., Friedjung, M., Graham, J., Muratoio, G., Rossi, C., de Winter, D.: 1996, *The atmospheric variations of the peculiar B(e) star HD 45677 (FS Canis Majoris)*, *Astron. Astrophys.* **311**, 643.

Mijatović, Z.: 1996, *Zh. Prikl. Spektrosk.* **63**, 836.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

Valenti, J.A., Piskunov, N.: 1996, *Spectroscopy Made Easy - A New Tool for Fitting Observations with Synthetic Spectra*, *Astron. Astrophys. Suppl. Series*, **118**, 595.

Zaharova, L.A., Ryabchikova, T.A.: 1996, *Izotop ^3He v atmosferakh HgMn zvezd*, *Pis'ma v Astron. Zh.* **22**, 172.

644. (470)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Stark broadening of Na (I) lines with the principal quantum number of the upper state between 6 and 10*, *JQSRT* **44**, 421.

1993

Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, **416**, 825.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

646. (472)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Stark broadening of K I lines*, *Bull. Obs. Astron. Belgrade* **142**, 29.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

647. (473)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Tables for Na I lines Stark broadening parameters*, Bull. Obs. Astron. Belgrade **142**, 59.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

648. (474)

Dimitrijević, M. S., Vujnović, V.: 1990, *On the stark broadening of Cu I lines - the influence of the oscillator strength values*, XV SPIG, Dubrovnik, 241.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

649. (475)

Djeniže, S., Labat, J., Platiša, M., Srećković, A., Purić, J.: 1990, *Stark-Broadening Regularities of np-nd Transition Arrays of Nitrogen, Oxygen, Neon, and Silicon Ion Spectral-Lines*, *Astron. Astrophys.*, **227**, 291.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.

1966

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.

Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.

650. (476)

Djeniže, S., Srećković, A., Labat, J.: 1990, *Stark Width and Shift of Singly-Ionized Tin Spectral-Lines*, Z. Physik D, **17**, 85.

1992

Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1996

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

651. (477)

Djeniže, S., Srećković, A., Platiša, M., Konjević, R., Labat, J., Purić, J.: 1990, *Stark broadening and shift of singly and doubly ionized sulfur spectral lines*, Phys. Rev. A **42**, 2379.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, *Astron. Astrophys. Suppl. Series*, **105**, 115.

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, *JQSRT*, **52**, 887.

Srećković, A., Djeniže, S.: 1994, *XVII Symp. Phys. Ioniz. Gases*, Beograd, 181.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

Dimitrijević M. S., Djeniže S., Srećković A. and Platiša M.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* **50**, 47.

Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, *XVIII Symp. Phys. Ioniz. Gases*, Kotor, 267.

Milosavljević V., Djeniže S. and Labat J.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* **50**, 95.

Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, **14**, 49.

1996

Dimitrijević M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, *Physica Scripta* **53**, 545.

Milosavljević, V., Djeniže, S., Labat, J.: 1996, *XVIII Symp. Phys. Ioniz. Gases*, Kotor, 263.

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* **63**, 816.

Srećković, A., Bukvić, S., Djeniže, S.: 1996, *Proc. XI Nat. Conf. Yug. Astron.*, eds. M. Vukićević-Karabin, Z. Knežević, *Publ.Astron. Obs. Belgrade* **54**, 43.

652. (478)

Djeniže S., Srećković A., Platiša M., Labat J., Konjević R., Purić J.: 1990, *Stark broadening and shift of neutral and singly-ionized mercury lines*, *JQSRT* **44**, 405.

1991

Djeniže, S., Srećković, A., Labat, J.: 1991, *JQSRT*, **46**, 433.

1992

Djeniže, S., Srećković, A., Labat, J.: 1992, *Stark shifts of Na I, Si I, and Hg I spectral lines*, 11 ICSLS, Carry le Rouet, A24.

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1966

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

657. (483)

Djurović, S., Konjević, N., Dimitrijević, M. S.: 1990, *Stark broadening of halogen atom lines from (*D*)np levels*, Z. Phys. D 16, 255.

1994

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

1997

Baclawski, A., Goly, A., Ksiazek, I., Wujec, T.: 1997, *Stark Effect in Some Lines of Br I*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 307.

662. (486)

Kobilarov, R.: 1990, *Uticaj dinamike jona na oblik i pomeraj spektralnih linija u plazmi*, Doktorska disertacija, PMF Beograd

1995

Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

663. (487)

Kobilarov, R., Konjević, N.: 1990, *Plasma Shift and Broadening of Analogous Transitions of S-II, Cl-III, Ar-IV, Cl-II, and Ar-III*, Phys. Rev. A, 41, 6023.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1994

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.

1995

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Djeniže, S., Bukvić, S., Srećković, A., Platša, M.: 1996, J.Phys.B 29, 429.

665. (489)

Konjević N.: 1990, *Ion-dynamic effects in non-hydrogenic spectra*, in Spectral Line Shapes 6 (AIP Conf. Proc. 216) eds. L. Fromhold, J. W. Keto, AIP, New York, 19.

1994

Konjević, N., Stefanović, I., Ivković, M.: 1994, XII ICSLS, PB-1.

Stefanović, I., Ivković, M., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 169.

1995

Konjević, N., Stefanović, I., Ivković, M.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 58.

Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys.Rev. E 51, 613.

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- Stefanović, I, Ivković, M., Konjević, N.: 1995, *Physica Scripta* 52, 178.
- 1996
- Mijatović, Z.: 1996, *Zh.Prikl.Spektrosk.* 63, 836.
666. (490) Konjević, N., Uzelac, N. I.: 1990, *A review of the Stark widths and shifts of spectral lines from non-hydrogenic atoms and ions in weakly-coupled plasmas and experimental results for Xe I and Xe II lines*, *JQSRT* 44, 61.
- 1994
- Gigosos, M.A., Mar, S., Perez, C., de la Rosa, I.: 1994, *Experimental Stark widths and shifts and transition probabilities of several Xe II lines*, *Phys.Rev. E*, 49, 1575.
- 1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, *Astron. Astrophys. Suppl. Series* 116, 359.
667. (491) Konjević N., Wiese W. L.: 1990, *Experimental Stark widths and shifts for spectral lines of neutral and ionized atoms (A Critical Review of Selected Data for the Period 1983. through 1988)*, *J. Phys. Chem. Ref. Data* 19, 1307.
- 1991
- Djeniže, S., Srećković, A., Labat, J.: 1991, *JQSRT*, 46, 433.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, *Contrib. Plasma Phys.*, 32, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertacija dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Perez, C., De la Rosa, I., De Frutos, A.M., Mar, S.: 1993, *Temperature dependence of Stark broadening for several Si II lines*, *Phys. Rev. E*, 47, 756.
- Purić, J.: 1993, *XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum*, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, 416, 825.
- 1994
- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M.S.: 1994, *Phys.Rev E*, 50, 2986.

- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52, 747.
- Elton, R. C., Billings, D. M., Manka, C. K., Griem, H. R., Grun, J., Ripin, B. H., Resnick, J.: 1994, *Spectroscopic Diagnostics in a Colliding Blast Wave Experiment*, Phys. Rev. E, 49, 1512.
- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.
- Fuso, F., Vyacheslavov, L.N., Masciarelli, G., Arimondo, E.: 1994, *Stark-Broadening Diagnostics of the Electron-Density in the Laser-Ablation Plume of YBa₂Cu₃O_{7-X} and PbZrTi_{1-X}O₃*, J. Appl. Phys. 76, 8088.
- Garcia, M., Bayon, R., Mar, S., Gigosos, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellatera (Barcelona), Europhys. Conf. Abstracts 18 D, 140.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.
- 1995
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
- Chan, L.Y., Mostovych, A.N., Kearney, K.J.: 1995, *Stark-Broadening Measurements of Al(III) Doublet Lines in Dense and Optically-Thin Laser Plasmas*, JQSRT, 55, 815.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

- Fishman I. S., Salakhov M. Kh. and Sarandaev E. V.: 1995, *Regularities in the Stark parameters of spectral lines of singly ionized aluminum*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 73.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Hankins, O.E., Mann, D.: 1995, *Analyses of Molecular and Neutral Atomic - Emission Spectra from an Electrothermal Launcher Plasma*, IEEE Transactions on Magnetics 31, 410.
- Heading, D.J., Wark, J.S., Bennett, G.R., Lee, R.W.: 1995, *Simulations of spectra from dense Aluminium plasmas*, JQSRT 54, 167.
- Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 161.
- Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
- Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.
- Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 91.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys.Rev. E 51, 613.
- Pietsch, W., Dubreuil, B., Briand, A.: 1995, *A Study of Laser - Produced Copper Plasma at Reduced Pressure for Spectroscopic Applications*, Appl. Phys. B 61, 267.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- Seaton, M.J.: 1995, *New Atomic Data for Astronomy: an Introductory Review*, in Astrophysical Application of Powerful New Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series, 78, 1.
- Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, Bull. Astron. Belgrade, 152, 17.

1996

- Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.
- Andreić, Z., Gracin, D., Henč-Bartolić, V., Kunze, H.J., Ruhl, F., Aschke, L.: 1996, *Dynamics of Laser-Produced Carbon Plasma*, Astron. Astrophys., 53, 339.
- Beverini, N., Delgobbo, G., Genovesi, G.L., Maccarrone, F., Strumia, F., Paganucci, F., Turco, A., Andrenucci, M.: 1996, *Time-Resolved Plasma Diagnostic by Laser-Diode Spectroscopy*, IEEE Journal of Quantum Electronics, 32, 1874.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
- Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.
- Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monoatomic Species*, IQSRT, 56, 371.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Theoretical Radiative Emission Results for Argon/Copper Thermal Plasmas*, Plasma Chemistry and Plasma Processing, 16, S245.
- Mijatović, Z.: 1996, Zh. Prikl. Spektrosk. 63, 836.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series 116, 359.
- Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the behaviour of Stark widths of Argon spectral lines*, XIII ICSSL, Firenze, Consiglio Nazionale delle Ricerche, A-28.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, IQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.

1997

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 149.

Sarandaev, E.V., Salakhov, M.Kh.: 1997, *Regularities in the Behaviour of Stark Widths of Argon Spectral Lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 327.

675. (499)

Labat, O., Djeniže, S., Labat, J., Purić, J., Srećković, A.: 1990, *Stark broadening of singly and doubly ionized iodine spectral lines*, Phys. Lett. A, 143, 465.

1992

Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I. Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

1995

Popović, L.Č., Dimitrijević, M. S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.

- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.
683. Pichler, G.: 1990, *Metal excimers*, in Spectral Line Shapes 6, AIP Conf. Proc. **216**, 398.
- 1994
- Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1994, *Laser-Driven Channels of Reactive Collisions in Na Plus Cd Vapors*, Chem. Phys. **187**, 73.
- 1995
- Milošević, S.: 1995, *Diffuse bands in intermetallic excimers*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 391.
691. (511) Srećković, A., Djeniže, S., Labat, J., Platiša, M., Purić, J.: 1990, *Stark broadening regularities within successive ionization stages of phosphorus and sulfur*, Fizika **22**, 583.
- 1992
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, **34**
- 1995
- Dimitrijević M. S. and Sahal-Bréchet S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 51.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Bull. Astron. Belgrade, **152**, 99.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series 115*, 351.

Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.

1991.

704. (523)

Bzenić, S. A., Radovanov, S. B., Vrhovac, S. B., Velikić, Z. B., Jelenković, B. M.: 1991, *On the mechanism of Doppler broadening of H beta after dissociative excitation in hydrogen glow discharges*, *Chem. Phys. Lett.* 184, 108.

1994

Lipp, M.J., O'Brien, J.J.: 1994, *H-Alpha (Balmer) Spectral Profiles Obtained from H₂ RF Plasma Discharges Studied by Intracavity Laser Spectroscopy*, *Chem.Phys.Lett.* 227, 1.

1995

Lipp, M.J., O'Brien, J.J.: 1995, *Temperature and Population Measurements of n=2 Hydrogen - Atoms in H₂ RF Discharges from H-Alpha (Balmer) Spectral Profiles Obtained by Intracavity Laser Spectroscopy*, *Chem. Phys.* 192, 355.

Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, *Time-Resolved Balmer-Alpha Emission from Fast Hydrogen - Atoms in Low-Pressure, Radiofrequency Discharges in Hydrogen*, *Appl. Phys. Lett.* 66, 2637.

Radovanov, S.B., Olthoff, J.K., Vanbrunt, R.J., Djurović, S.: 1995, *Ion Kinetic - Energy Distributions and Balmer - Alpha (H-Alpha) Excitation in Ar-H₂ Radiofrequency Discharges*, *J. Appl. Phys.* 78, 746.

1996

Jelenković, B.M., Phelps, A.V.: 1996, *Cathode-Fall Development in Low-Pressure, Parallel-Plane Hydrogen Discharges*, *Phys. Rev. E*, 53, 1852.

707. (526)

Dimitrijević, M. S.: 1991, *Line shapes investigations in Yugoslavia II (1985-1989) (Bibliography and Citation Index)*, *Publ. Obs. Astron. Belgrade*, 41, 1-129.

1995

Fishman I. S., Il'in G. G., Konovalova O. A., Sarandaev E. V. and Salakhov M. Kh.: 1995, *The interdependence between the parameters of Stark broadening and asymmetry of self-reversed spectral lines with the quadratic Stark effect*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 69.

Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.

713. (532)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1991, *Stark broadening of Li (I) lines*, JQSRT, 46, 41.

1994

Carlsson, M., Rutten, R.J., Bruls, J.H.M.J., Shchukina, N.G.: 1994, *The non-LTE formation of Li I lines in cool stars*, Astron. Astrophys. 288, 860.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.

715. (534)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1991, *Broadening of Li (I) lines by collisions with charged particles*, Bull. Obs. Astron. Belgrade 143, 29.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

716. (535) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
- Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. I. C IV lines*, *Astron. Astrophys. Suppl. Series* **89**, 581.
- 1993
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, *II DIAM (Dynamique des Ions, des Atomes et des Molecules)*, Bourges, 153.
- Purić, J.: 1993, *XXI ICPIG, Proceedings III*, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, **416**, 825.
- 1994
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Phys.Rev E*, **50**, 2986.
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, *Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica*, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, *J.Phys.D: Appl.Phys.* **27**, 247.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *XVII Symp. Phys. Ioniz. Gases, Beograd*, **205**.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Bull. Astron. Belgrade* **149**, 31.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Bull. Astron. Belgrade* **150**, 47.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Workshop on Laboratory and Astronomical High Resolution Spectra*, Brussels, 72.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Godbert, L., Calisti, A., Stamm, R., Talin, B., Glenzer, S., Kunze, H.J., Nash, J., Lee, R., Klein, L.: 1994, *Plasma Spectroscopy of N=4 to 3 C-IV and N-V Lines in Hot and Dense-Plasmas*, *Phys. Rev. E* **49**, 5889.

1995

- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
- Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.
- Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series 111, 565.
- Dimitrijević, M.S.: 1995, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf.Abstacts, 19A, Part II (1995), 607.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 43.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 139.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 135.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 175.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 169.
- Dimitrijević M. S. and Sahal-Bréchet S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 51.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, XIX Int. Conf. on the Physics of Electronic and Ionic Collisions, Whistler (Canada), 595.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Physica Scripta* 52, 41.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 197.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Cool Stars Stellar Systems and the Sun, Florence 64.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Bull. Astron. Belgrade, 152, 99.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Stehle, C.: 1995, *Line shapes in astrophysics*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 36.
- 1996**
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series 115, 351.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 97.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Zh. Prikl. Spektrosk. 63, 853.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 31.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, in *Cool Stars Stellar Systems and the Sun*, 9th Cambridge Workshop, ASP Conference Series, eds. R. Pallavicini, A. K. Dupree, 109, 125.
- Djenž, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 153, 35.
- Djenž, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 154, 17.
- Unglaub, K., Bues, I.: 1996, *The influence of gravitational settling and selective radiative forces in PG 1159 stars*, *Astron. Astrophys.*, 306, 843.
- Werner, K., Dreizler, S., Heber, U., Rauch, T., Fleming, T.A., Sion E.M., Vauclair, G.: 1996, *High resolution UV spectroscopy of two hot (pre-) white dwarfs with the Hubble Space Telescope. KPD 0005+5106 and RXJ 2117+3412*, *Astron. Astrophys.*, 307, 860.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, 122, 163.
717. (536) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. II Si IV lines*, *Astron. Astrophys. Suppl. Series* 89, 591.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, 416, 825.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, *J.Phys.D: Appl.Phys.* 27, 247.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* 105, 245.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
718. (537) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. I: C IV lines*, Bull. Obs. Astron. Belgrade, 144, 65.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. 27, 247.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, 18D, 344.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series 114, 171.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 117, 127.

719. (538) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. II: Si IV lines*, 1991, Bull. Obs. Astron. Belgrade, 144, 81.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. 27, 247.
1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
722. (541) Djeniže, S., Labat, J., Srećković, A., Labat, O., Platiša, M., Purić, J.: 1991, *Stark broadening and shifts of singly and doubly ionized fluorine spectral lines*, Physica Scripta 44, 148.
1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.
1992
Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.
1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
1996
Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
723. (542) Djeniže, S., Srećković, A., Labat, J., Konjević, R., Popović, L.: 1991, *Stark broadening and shift of singly ionized zinc and cadmium spectral lines*, Phys. Rev. A 44, 410.
1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, 46, 433.
1992
Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.

1993

Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

Šćepanović, M., Milosavljević, V., Djeniže, S., Platića, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191

Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, 149, 15.

1995

Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.

Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

Djeniže S., Bukvić S., Srećković A. and Platiša M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 61.

Milosavljević V., Djeniže S. and Labat J.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 95.

Popović, L.Č., Dimitrijević, M. S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.

Skuljan Lj., Bukvić S. and Djeniže S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 127.

Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, Bull. Astron. Belgrade, 152, 17.

Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, Bull. Astron. Belgrade, 151, 17.

1996

Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, J.Phys.B 29, 429.

- Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta 53, 54.
724. (543) Djeniže, S., Srećković, A., Labat, J., Nikolić, B.: 1991, *Stark width and shift of Cd II spectral lines from 5d-4f transition*, XX ICPIG, Pisa, 1410.
1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1995
- Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
725. (544) Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1991, *Stark broadening and shift of O II spectral lines in higher multiplets*, Z. Phys. D 21, 295.
1994
- Šćepanović, M., Milosavljević, V., Djeniže, S., Platića, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.
- Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, 149, 15.
1996
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
731. (550) Konjević, N.: 1991, *On the importance of ion-dynamics for the Stark broadening electron density diagnostics of helium plasma*, XX ICPIG, Pisa, 1435.
1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
739. (558) Labat, O., Djeniže, S., Purić, J., Labat, J. M., Srećković, A.: 1991, *Stark broadening and regularities of ionized bromine Spectral lines*, J. Phys. B. 24, 1251.
1992
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
1995
- Popović, L.Č., Dimitrijević, M. S.: 1995, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.
1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.
740. (559) Mijatović, Z., Pavlov, M., Djurović, S.: 1991, *Stark shifts of H beta line in dense hydrogen plasmas*, Phys. Rev. A, 43, 6095.
1994
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 165.
1996
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 298.
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., savić, I.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 109.
742. (561) Panić, Z.: 1991, *Štarkov pomeraj NII spektralnih linija*, Diplomski rad, PMF, Beograd.
1996
- Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.
743. (562) Pavlović, M. S., Pavlović N. Z., Marinković, M.: 1991, *Excitation and ionization characteristics of a d. c. argon plasma evaluated by means of emission and absorption of iron lines, and broadening of the hydrogen Hbeta line-experimental facts*, Spectrochimica Acta 46 B, 1487.

1994

Tripković, M., Todorović, M., Holclajtner -Antunović, I.: 1994, *Spectrometric Determination of Gold, Platinum and Palladium in Geological-Materials by DC Arc Plasma*, *Analytica Chimica Acta* 296, 315.

744. (563)

Popović, L. Č.: 1991, *Štarkovo Širenje I pomeraj spektralnih linija Zn II*, Magistarski rad, Fizički fakultet, Beograd 1991.

1994

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1996

Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.

746. (565)

Purić, J., Ćuk, M., Dimitrijević, M. S., Lesage, A.: 1991, *Regularities of stark parameters along the periodic table*, *Astrophysical Journal*, 382, 353.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, 416, 825.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.

Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, 14, 49.

Purić, J., Ćuk, M.: 1995, in *Spectral Line Shapes 8*, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.

Purić J., Milosavljević V. and Ćuk M.: 1995, *Proc. of the first Yug. Conf. on Spectral Line Shapes*, *Publ.Obs. Astron. Belgrade* 50, 115.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 97.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 31.

Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.

Purić, J.: 1996, *Istraživanje kontrolisane termonuklearne fuzije (KTF) pomoću plazma fokusa*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 1, ed. D. Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 97.

Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.

Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.

1997

Alexiou, S.: 1997, *Closing in on Stark Broadening for weakly coupled plasmas*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 79.

747. (566) Purić, J., Djeniže, S., Labat, J., Srećković, A., Platiša, M.: 1991, *Stark broadening regularities within successive ionization stages in krypton and xenon*, Contrib. Plasma Phys. 31, 63.

1992

Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.

1993

Djeniže, S., Labat, J. M., Purić, J.: 1993, XXI ICPIG, Bochum, 227.

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

1996

Cedolin, R.J., Hanson, R.K., Cappelli, M.A.: 1996, *Laser-Induced Fluorescence Measurements of Resonance Broadening in Xenon*, Phys. Rev. A, 54, 335.

Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.

Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

749. (568)

Uzelac, N.I., Stefanović, I., Konjević, N.: 1991, *Stark broadening of the He I 4471 Å line and its forbidden components at high electron densities*, JQSRT, 46, 447.

1994

Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, XII ICSLS, PA-4.

1995

Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 30.

1996

Pérez, C., de la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1996, *Calibration of the Stark - Broadening Parameters of Two He I Lines*, Japanese Journal of Applied Physics, 35, 4073.

Valognes, J.C., Bardet, J.P.: 1996, *Stark broadening of the 4471 Å He(I) spectral lineshape in dense cool plasmas ($1.0 \times 10^{17} \text{ cm}^{-3} < N_e < 1.1 \times 10^{18} \text{ cm}^{-3}$, $20,000 \text{ K} < T_e < 40,000 \text{ K}$)*, JQSRT 56, 855.

752. Windholz, L., Musso, M., Pichler, G., Hess, B.: 1991, *Ultra-Violet-Laser-Induced Chemiluminescence of NaCd and NaHg Excimers*, J. Chem. Phys., 94, 3366.

1994

Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1994, *Laser-Driven Channels of Reactive Collisions in Na Plus Cd Vapors*, Chem. Phys. 187, 73.

Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable Cd($5P^3P_1$) Level*, J. Chem. Phys. **100**, 8103.

Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, J. Chem. Phys. **101**, 929.

1995

Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. **233**, 477.

Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg⁺ States*, Chem. Phys. **196**, 267.

Gruber, D., Domiaty, U., Li, X., Windholz, L., Gleichmann, M., Hess, B.A.: 1995, *The NaHg Red Bands Revisited*, J. Chem. Phys. **102**, 5174.

1996

Angeli, C., Granucci, G., Persico, M.: 1996, *A Surface Hopping Study of Energy-Transfer in Na+cd-Asterisk Collisions*, Chem. Phys. Lett., **255**, 65.

Angeli, C., Persico, M.: 1996, *Quasi-Adiabatic and Adiabatic States and Potential-Energy Curves for Na-Cd Collisions and Excimer Formation*, Chem. Phys., **204**, 57.

Gruber, D., Domiaty, U., Iskra, K., Dinev, S., Windholz, L.: 1996, *Production of the NaHg Molecule by Reactive 3-Body Collisions Following Energy-Transferring Processes of Laser-Excited Na($3P-2$) Atoms*, Journal of Physical Chemistry, **100**, 7078.

Gruber, D., Li, X., Windholz, L., Gleichmann, M.M., Hess, B.A., Vezmar, I., Pichler, G.: 1996, *The LiHg ($2(2)Pi(3/2) - X(2)Sigma(+)(1/2)$) System*, Journal of Physical Chemistry, **100**, 10062.

753. Windholz, L., Zerza, G., Pichler, G., Hess, B.: 1991, *Visible-Laser-Induced Chemiluminescence of NaHg Red Excimer Band*, Z. Phys. D, **18**, 373.

1994

Gruber, D., Musso, M., Windholz, L., Gleichmann, M., Hess, B.A., Fuso, F., Allegrini, M.: 1994, *Study of the LiHg Excimer - Blue-Green Bands*, J. Chem. Phys. **101**, 929.

1995

Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.

Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg States*, Chem. Phys. 196, 267.

Gruber, D., Domiaty, U., Li, X., Windholz, L., Gleichmann, M., Hess, B.A.: 1995, *The NaHg Red Bands Revisited*, J. Chem. Phys. 102, 5174.

Milošević, S.: 1995, *Diffuse bands in intermetallic excimers*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 391.

1996

Azinović, D., Li, X.H., Milošević, S., Pichler, G.: 1996, *Photoassociation and Bound-Bound Excitation into the $2(2)P_i$ State of LiZn, LiCd, and NaZn Molecules*, Phys. Rev. A, 53, 1323.

Gruber, D., Li, X., Windholz, L., Gleichmann, M.M., Hess, B.A., Vezmar, I., Pichler, G.: 1996, *The LiHg ($2(2)P_i(3/2) - X(2)Sigma(+)(1/2)$) System*, Journal of Physical Chemistry, 100, 10062.

1992.

755. (571)

Brnović, M. J.: 1992, *Štarkovo širenje i pomeranje Pb II, Hg II i Hg III spektralnih linija*, Magistarski rad, Fizički fakultet, Beograd.

1994

Mišković, A.: 1994, *Diplomski rad*, Univerzitet u Beogradu.

1996

Kovačević, A.: 1996, *Univerzitet u Beogradu, Fizički fakultet, Beograd.*

756. (572)

Dimitrijević, M. S.: 1992, *Stark-broadening parameters of ionized mercury spectral lines of astrophysical interest*, JQSRT, 47, 315.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

762. (578) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameters for spectral lines of multicharged ions in stellar atmospheres: C IV, N V, O VI lines and regularities within an isoelectronic sequence*, In *The Atmospheres of Early-Type Stars*, Eds. U. Heber, C. S. Jeffery, Lect. Notes in Physics, 401, 368.
- 1996
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P. Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
764. (580) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Be II lines of astrophysical interest*, Bull. Astron. Belgrade 145, 65.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- 1996
- Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
765. (581) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Ca II lines of astrophysical interest*, Bull. Astron. Belgrade, 145, 81.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

766. (582) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. Sc III and Ti IV lines*, Astron. Astrophys. Suppl. Series, 95, 121.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Astron. Astrophys. Suppl. Series 105, 245.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Astron. Astrophys. Suppl. Series 107, 349.
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Purić, J., Milosavljević, V., Čuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
767. (583) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IV. N V lines*, Astron. Astrophys. Suppl. Series, 95, 109.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universität, Bochum, 34
- 1994
- Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. rev. A, 49, 106.
- Dimitrijević, M. S.: 1994, in *Pulsation, Rotation and Mass Loss in Early-Type Stars*, eds. L.A. Balona, H.F. Henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series 105*, 245.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *XVII Symp. Phys. Ioniz. Gases*, Beograd, 205.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series 107*, 349.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, *J. Phys. B*, 27, 413.
- Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.
- Purić, J., Ćuk, M., Milosavljević, V.: 1994, *XVII Symp. Phys. Ioniz. Gases*, Beograd, 201.
- Rauch, T., Koeppen, J., Werner, K.: 1994, *Spectral analysis of the planetary nebula K 1-27 and its very hot hydrogen-deficient central star*, *Astron. Astrophys.* 286, 543.

1995

- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, *Proceedings*, 299.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, 109, 551.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in *Spectral Line Shapes 8*, eds. A.D. May, J.R. Drummond, E. Oks, *AIP Conf. Proc. 328*, American Institute of Physics, New York, 134.
- Purić, J., Ćuk, M.: 1995, in *Spectral Line Shapes 8*, eds. A.D. May, J.R. Drummond, E. Oks, *AIP Conf. Proc. 328*, American Institute of Physics, New York, 79.
- Schoning, T.: 1995, *Stark broadening of the N V 6f,g,h - 7f,g,h,i line complex*, *Astron. Astrophys. Suppl. Series*, 113, 579.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.

768. (584)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of Be II spectral lines*, JQSRT, 48, 397.

1994

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars. eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Oks, A., Derevianko, A., Ispolatov, Ya.: 1995, *A generalized theory of Stark broadening of hydrogen - like spectral lines in dense plasmas*, JQSRT 54, 307.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

769. (585)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Asymptotic behaviour of the A and a functions for ionized emitters in semiclassical Stark-broadening theory*, JQSRT, 48, 349.

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. Rev. A, 49, 106.

Alexiou, S.: 1994, *Calculation of the semiclassical Stark - broadening dipole width functions for isolated ion lines*, JQSRT 51, 849.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* 105, 243.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät für Physik und Astronomie der Ruhr-Universität, Bochum.
773. (589) Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Rb I lines*, *Bull. Astron. Belgrade*, 146, 97.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Physica Scripta* 49, 661.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- 1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
775. (591) Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Be I lines of astrophysical interest*, *Bull. Astron. Belgrade*, 146, 73.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- 1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
776. (592) Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Al I lines of astrophysical interest*, *Bull. Astron. Belgrade*, 146, 83.

1994

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Physica Scripta **49**, 34.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

1996

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, **54**, 50.

777. (593)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VI. CIV lines of large principal quantum number*, Astron. Astrophys. Suppl. Series **96**, 613.

1993

Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, in Planetary Nebulae (eds. R.Weinberger, A.Acker), Kluwer Acad.Publ., Dordrecht, Boston, London, 94.

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 197.

1996

Dimitrijević, M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, *Physica Scripta* 53, 545.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series* 115, 351.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Proc. 2nd Hellenic Astronomical Conf.*, Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.

778. (594) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. III. O VI*, *Astron. Astrophys. Suppl. Series* 93, 359.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, *Phys. Rev. A*, 49, 106.

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* 105, 245.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* 107, 349.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.

Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, *J.Phys.B*, 27, 413.

Purić, J., Čuk, M.: 1994, XII ICSLC, Toronto, PA-5.

Purić, J., Čuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

Purić, J., Ćuk, M.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.

Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 115.

1996

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.

Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.

Rauch, T., Koeppen, J., Werner, K.: 1996, *Spectral analysis of the multiple-shell planetary nebula LoTr4 and its very hot hydrogen-deficient central star*, Astron. Astrophys., 310, 613.

780. (596)

Djeniže, S., Srećković, A., Labat, J.: 1992, *Stark shifts of singly-ionized nitrogen spectral lines*, Astron. Astrophys. 253, 632.

1994

Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191

Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.

1996

Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* **153**, 35.

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigosos, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-26.

1997

Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 153.

781. (597)

Djeniže, S., Srećković, A., Labat, J., Konjević, R., Brnović, M.: 1992, *Stark widths and shifts of Sn I, Hg II, Hg III and Pb II spectral lines*, *Z. Phys. D* **24**, 1.

1992

Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.

1994

Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, *Astron. Astrophys. Suppl. Series*, **105**, 115.

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

Srećković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.

1996

Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, *Publ. Obs. Astron. Belgrade* **53**, 147.

Srećković, A., Djeniže, S., Bukvić, S.: 1996, *Physica Scripta* **53**, 54.

782. (598)

Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1992, *Measured Stark widths of BI, BII, BIII and NaI spectral lines*, *Physica Scripta* **45**, 320.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1995
- Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs.Astron. Belgrade 50, 35.
- 1996
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta **53**, 54.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 147.
783. (599) Djeniže, S., Srećković, A., Labat, J., Purić, J., Platiša, M.: 1992, *Measured Stark widths of doubly and triply ionized silicon spectral lines*, J. Phys. B **25**, 785.
- 1992
- Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
- Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, J.Phys.B **29**, 429.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
- Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 101.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
784. (600) Glenzer, S., Uzelac, N.I., Kunze, H. -J.: 1992, *Stark broadening of 3s-3p transitions in F VII*, 11 ICSLS, Carry le Rouet, A01.
- 1993
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, 9 Gen. Conf. of the European Physical Society 'Trends in Physics', Abstracts, Firenze, 150.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A. M. 3eme Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1996

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.

Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.

785. (601) Glenzer, S., Uzelac, N. I., Kunze, H. J.: 1992, *Stark-Broadening of Spectral-Lines Along the Isoelectronic Sequence of Li*, Phys. Rev. A, 45, 8795.

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. Rev. A, 49, 106.

Alexiou, S., Ralchenko, Yu.: 1994, *Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A 49, 3086.

Alexiou, S., Ralchenko, Yu.: 1994, *Erratum: Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A 50, 3552.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Astron. Astrophys. Suppl. Series 107, 349.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

Glenzer, S.: 1994, *Line broadening of nonhydrogenic ions in plasmas*, XII ICSLS, Toronto, IA-4.

Godbert, L., Calisti, A., Stamm, R., Talin, B., Glenzer, S., Kunze, H.J., Nash, J., Lee, R., Klein, L.: 1994, *Plasma Spectroscopy of N=4 to 3 C-IV and N-V Lines in Hot and Dense-Plasmas*, Phys. Rev. E 49, 5889.

Morgan, C.A., Griem, H.R., Elton, R.C.: 1994, *Spectroscopic Measurements of Electron-Density and Temperature in Polyacetal-Capillary-Discharge Plasmas*, Phys. Rev. E 49, 2282.

1995

- Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. 75, 3406.
- Alexiou, S., Maron, Y.: 1995, *Theoretically based closed form formulas for the collision operator for isolated ion lines in the standard Stark - broadening theory*, IQSRT 53, 109.
- Cao, H., Cao, C.Q.: 1995, *Spontaneous Radiation by a 3-Level Atom in a Dissipative Medium*, J. Phys. B 28, 979.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

1996

- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S.Burakov, M.S.Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.
- Buscher, S., Glenzer, S., Wrubel, T., Kunze, H.J.: 1996, *Investigation of the He-II-P-Alpha and He-II-P-Beta Transitions at High-Densities*, J. Phys. B, 29, 4107.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
- Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
- Poquerusse, A., Alexiou, S., Leboucherdalimier, E.: 1996, *Width Functions for the Perturbative Dipole Impact Line-Broadening Theory with Correct Unitarity Cutoff*, IQSRT, 56, 797.

1997

- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.

- Wrubel, Th., Glenzer, S., Buscher, S., Kunze, H.J.: 1997, *Line Profile Measurements in a Gas-Liner Pinch Discharge*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 71.
790. (606) Kuraica, M., Konjević, N.: 1992, *Line shapes of atomic hydrogen in a plane-cathode abnormal glow discharge*, Phys. Rev. A, 46, 4429.
- 1993**
- Djurović, S., Roberts, J. R.: 1993, J. Appl. Phys., 74, 6558.
- 1994**
- Beauchemin, D., Leblanc, J.C.Y., Peters, G.R., Persaud, A.T.: 1994, *Plasma Emission-Spectrometry*, Analyt. Chem. 66, R462.
- Kuraica, M., Konjević, N.: 1994, Physica Scripta, 50, 487.
- Ohorodnik, S.K., Harrison, W.W.: 1994, *Plasma Diagnostic Measurements in the Cryogenically Cooled Glow-Discharge*, J. Analytical Atomic Spectrometry 9, 991.
- 1995**
- Lavrov, B.P., Melnikov, A.S.: 1995, *Spectroscopic Determination of Highly Nonequilibrium Velocity Spectra of Hydrogen-Atoms in H-2+n-2,Ar,Kr Hollow-Cathode Discharges*, Optika i Spektroskopiya, 79, 922.
- Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. 66, 2637.
- Videnović I., Kuraica, M. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 139.
- 1996**
- Šišović N., Kuraica M., Videnović I., Miljević V. and Konjević N.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 302.
- Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.

791. (607)

Kuraica, M., Konjević, N., Platiša, M., Pantelić, D.: 1992, *Plasma diagnostics of the Grimm-type glow discharge*, Spectrochimica Acta 47B, 1173.

1994

Kuraica, M., Konjević, N.: 1994, Physica Scripta, 50, 487.

Spasojević, Dj., Kuraica, M., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 212.

1995

Pavski, V., Chakrabarti, C.L.: 1995, *Atomic Line - Profiles in Hollow - Cathode Lamps and a Glow-Discharge Atomizer Determined by Fourier - Transform Spectroscopy*, Appl. Spectrosc. 49, 927.

Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. 66, 2637.

Videnović I., Kuraica, M. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 139.

1996

Bogaerts, A., Gijbels, R., Goedheer, W.J.: 1996, *2-Dimensional Model of a Direct-Current Glow-Discharge - Description of the Electrons, Argon Ions, and Fast Argon Atoms*, Analytical Chemistry, 68, 2296.

Bogaerts, A., Quentmeier, A., Jakubowski, N., Gijbels, R.: 1995, *Plasma Diagnostics of an Analytical Grimm-Type Glow-Discharge in Argon and in Neon - Langmuir Probe and Optical-Emission Spectrometry Measurements*, Spectrochimica Acta part B-Atomic Spectroscopy, 50, 1337.

Tabares, F.L., Tafalla, D.: 1996, *Sputtering of Metallic Walls in Ar/H-2 Direct-Current Glow-Discharges at Room-Temperature*, Journal of Vacuum Science & Technology A-Vacuum Surfaces and Films, 14, 3087.

Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.

Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.

- Videnović, I.R., Kuraica, M.M., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 89.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 375.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Experimental testing of the cathode fall region theories*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 379.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.
792. (608) Mihajlov, A. A., Dimitrijević, M. S.: 1992, *Influence of ion-atom collisions on the absorption of radiation in white dwarfs*, Astron. Astrophys., 256, 305.
- 1995
- Ermolaev, A.M., Mihajlov, A.A., Ignjatović, Lj. M., Dimitrijević, M.S.: 1995, *Continuous Emission Due to Radiative Ion-Atom Association and Charge-Exchange in Weakly Ionized Plasmas of H, He, Li and Na*, J. Phys. D 28, 1047.
- Mihajlov, A.A., Dimitrijević, M.S., Ignjatović, L.M., Djurić, Z.: 1995, *Radiative $He^+(1s) + He(1s^2)$ Processes as the Source of the DB White-Dwarf Atmosphere Electromagnetic Continuous Spectra*, Astrophys. J. 454, 420.
- 1996
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
- Mihajlov, A.A.: 1996, *Transportni procesi u nisko temperaturnoj plazmi*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 1, ed. D.Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 82.
- Mihajlov, A.A., Dimitrijević, M.S.: 1996, *Processes involving ion atom complexes in weakly ionized laboratory and astrophysical plasmas*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 1996, 466.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

793. (609) Popović, L., Srećković, A., Djeniže, S.: 1992, *Influence of the temperature decay on the Stark shift measurements*, XI ICSLS, Carry le Rouet P. A 25.
1992
Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.
1994
Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, , Astron. Astrophys. Suppl. Series, 105, 115.
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191
Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.
Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, 149, 15.
Srećković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
1995
Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
1996
Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
Milosavljević, V., Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 263.
795. (611) Skuljan, J., Erkapić, S., Vince, I., Kubičela, A.: 1992, *The data processing in solar spectrophotometry*, Bull. Obs. Astron. Belgrade, 145, 157.
1996
Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.
796. (612) Skuljan, J., Karabin, M., Vince, I., Kubičela, A.: 1992, *Solar activity influence on equivalent widths of some photospheric lines*, Bull. Astron. Belgrade, 145, 1.
1994
Erkapić, S., Vince, I.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 328.

- 1995
Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron, Belgrade, 49, 159.
- 1996
Erkapić, S., Vince, I.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.
797. (613) Sotirovski, P., Boyer, R., Hiei, E., Vince, I.: 1992, *Spectral analysis of a white-light flare*, Astron. Astrophys. 262, 597.
- 1994
Sotirovski, P., Boyer, R.: 1994, *The Sun and Solar Neutrinos*, Neues Jahrbuch fur Mineralogie-Abhandlungen, 167, 189.
798. (614) Stokić, Z., Fraga, M. M. F. R., Božin, J., Stojanović, V., Petrović, Z. Lj., Jelenković, B. M.: 1992, *Excitation of Balmer lines in low-current discharges of hydrogen and deuterium*, Phys. Rev. A 45, 7463.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
Roznerski, W., Mechlinskadrewko, J., Leja, K., Petrović, Z. Lj.: 1994, *Drift Velocities and Characteristic Energies of Electrons in Deuterium at Low and Moderate E/N*, J. Phys. D 27, 2060.
- 1996
Jelenković, B. M., Phelps, A. V.: 1996, *Cathode-Fall Development in Low-Pressure, Parallel-Plane Hydrogen Discharges*, Phys. Rev., E, 53, 1852.
- Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.
799. (615) Wiese, W. L., Konjević, N.: 1992, Regularities in experimental Stark shifts, JQSRT 47, 185.
- 1993
Popović, L. Č., Vince, I., Dimitrijević, M. S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 255.
- 1994
Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52, 747.

Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.

1995

Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.

1996

Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.

Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.

Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.

Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.

1993

801. (617)

Atanacković-Vukmanović, O., Simonneau, E.: 1993, *The use of iteration factors in the line formation problem with spatial variations in Profile function*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 41.

1995

Atanacković-Vukmanović, O., Simonneau, E.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 77.

805. (621) Dimitrijević, M. S.: 1993, *Stark-broadening parameters of spectral lines of astrophysical interest of neutral palladium*, Astron. Astrophys. Suppl. Ser., 100, 593.
- 1994
- Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.
- 1996
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
806. (622) Dimitrijević, M. S.: 1993, *Electron-impact widths of four- and five-times charged ion lines of astrophysical importance*, Astron. Astrophys. Suppl. Ser., 100, 237.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 135.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series* 115, 351.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.

Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 153, 35.

Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 154, 17.

Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.

Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.

811. (627)

Dimitrijević, M. S.: 1993, *Stark broadening of stellar Pt II lines*, IAU Symp. 162, Pulsation, Rotation and Mass Loss in Early Type Stars, Antibes, Juan les Pins, Abstracts, (no pagination).

1994

Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.

812. (628)

Dimitrijević, M. S.: 1993, *Stark widths of fourthly and fifthly charged ion lines*, *Astrophys. Lett. and Communications* 28, 381.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, 109, 551.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.

Popović, L.Č., Dimitrijević, M.S.: 1996, *Physica Scripta* 53, 325.

813. (629) Dimitrijević, M. S.: 1993, *Stark broadening of Pt II lines in chemically peculiar stars*, *Astrophys. Lett. and Communications* 28, 385.
- 1995
- Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* 48, 127.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja*, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, 49, 135.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, 109, 551.
- 1996
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series* 115, 351.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Proc. 2nd Hellenic Astronomical Conf.*, Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. *Hellenic Astronomical Society, Thessaloniki*, 205.
- Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 153, 35.
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, *Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina*, 7, ed. P.Nikolić, *Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd*, 111.
816. (632) Dimitrijević, M. S., Popović, L. Č.: 1993, *On Stark broadening of heavy element lines in A-type star spectra: Bi II lines*, in *Peculiar Versus Normal Phenomena in A-Type and Related Stars*, eds. M. M. Dworetsky, F. Castelli, R. Faraggiana, *ASP Conference Series, Vol. 44*, 165.
- 1994
- Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* 46.
- Popović, L.Č.: 1994, *Doktorska teza*, *Matematički fakultet, Beograd*
- 1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
817. (633) Dimitrijević, M. S., Popović L. Č.: 1993, *Stark broadening of Bi II lines of astrophysical interest*, *Astron. Astrophys. Suppl. Series* 101, 583.
- 1994
- Dimitrijević, M.S., Popović, L.Č.: 1994, *Erratum*, *Astron. Astrophys. Suppl. Series*, 107, 191.
- Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* 46.

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
- Popović, L.Č., Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.
- Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
818. (634) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of Ca II spectral lines*, JQSRT, 49, 157.
- 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
819. (635) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Al III lines*, Bull. Astron. Belgrade, 147, 35.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.

820. (636)

Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, *Line broadening data: Stark broadening of Ca II Sc III and Ti IV lines*, in *Inside the stars*, IAU Colloquium 137, ASP Conference Series, **40**, 260.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

821. (637)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VIII. S VI lines*, *Astron. Astrophys. Suppl. Series*, **100**, 91.

1994

Dimitrijević, M. S.: 1994, in *Pulsation, Rotation and Mass Loss in Early-Type Stars*, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.

Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.

Purić, J., Ćuk, M.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.

1996

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.

Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.

Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P. Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.

822. (638)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameters for Be II spectral lines*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, 44, 59.

1994

Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

830. (646)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of F VII spectral lines*, 25th E. G. A. S. Conference Abstracts, Caen, Europhys. Conf. Abstracts Vol. 17 D P2-068.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

831. (647)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VII. Al III lines*, Astron. Astrophys. Suppl. Series 99, 585.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *XVII Symp. Phys. Ioniz. Gases*, Beograd, 205.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.

1995

Dimitrijević, M. S.: 1995, *17th Symp. on Plasma Physics and Technology*, Prague 1995, *Proceedings*, 299.

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

Heading, D.J., Bennett, G.R., Wark, J.S., Lee, R.W.: 1995, *Novel Plasma Source for Dense Plasma Effects*, *Phys. Rev. Lett.*, **74**, 3616.

Heading, D.J., Wark, J.S., Bennett, G.R., Lee, R.W.: 1995, *Simulations of spectra from dense Aluminium plasmas*, *JQSRT* **54**, 167.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, **109**, 551.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

832. (648) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IX. F VII lines*, *Astron. Astrophys. Suppl. Series* **101**, 587.

1994

Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

1995

Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Astron. Astrophys. Suppl. Series*, **109**, 551.

1996

Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.

- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, **119**, 369.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
833. (649) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Al XI and Si XII lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 21.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1996
- Dimitrijević, M. S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
834. (650) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Ne VIII and Na IX lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 29.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.
- 1996
- Dimitrijević, M. S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
835. (651) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Be I lines of astrophysical interest* (Addendum to the article published in Bull. Astron. Belgrade **146** (1992) 73), Bull. Astron. Belgrade, **148**, 65.

- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
836. (652) Djeniže, S., Labat, J. M., Purić, J.: 1993, *Stark broadening regularities along a VB Subgroup in the periodic system*, XXI ICPIG, Bochum, 227.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
- Popović, L.Č., Dimitrijević, M. S.: 1995, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
- 1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, *Physica Scripta* 53, 325.
837. (653) Djeniže, S., Popović, L. Č., Labat, J., Srećković, A., Platiša, M.: 1993, *Stark Parameters of Several BII, CII and NIII Spectral Lines*, Contrib. Plasma Phys. 33, 193.
- 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
838. (654) Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B.: 1993, *Proportionality between plasma flow velocity and additional shift of H beta line from magnetized plasma*, XVI SPIG, Beograd, 193.
- 1994
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 165.
839. (655) Djurović, S., Roberts, J. R.: 1993, *Hydrogen Balmer alpha line shapes for hydrogen-argon mixtures in a low-pressure rf discharge*, J. Appl. Phys., 74, 6558.
- 1994
- Lipp, M.J., O'Brien, J.J.: 1994, *H-Alpha (Balmer) Spectral Profiles Obtained from H2 RF Plasma Discharges Studied by Intracavity Laser Spectroscopy*, Chem.Phys.Lett. 227, 1.

1995

Laimer, J., Posch, R., Misslinger, G., Schwarzler, C.G., Stori, H.: 1995, *Determination of Absolute Hydrogen-Atom Densities by Lyman-Alpha Absorption*, Measurement Science and Technology, 6, 1413.

Lipp, M.J., O'Brien, J.J.: 1995, *Temperature and Population Measurements of $n=2$ Hydrogen - Atoms in H_2 RF Discharges from H-Alpha (Balmer) Spectral Profiles Obtained by Intracavity Laser Spectroscopy*, Chem. Phys. 192, 355.

Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. 66, 2637.

Roberts, J.R.: 1995, *Optical-Emission Spectroscopy on the Gaseous Electronics Conference RF Reference Cell*, J. Res. Nat. Inst. of Standards and Technology 100, 353.

Petrović, Z.L., Bzenić, S., Jovanović, J., Djurović, S.: 1995, *On Spatial - Distribution of Optical - Emission in Radio - Frequency Discharges*, J.Phys. D 28, 2287.

840. (656)

Erkapić, S., Vince, I.: 1993, *Influence of temperature gradient changes on Solar spectral line Profile parameters*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 29.

1995

Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 159.

1996

Vince, I.: 1996, *Long-Term Variations of Solar Spectral Lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 41.

Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

841. (657)

Erkapić, S., Vince, I.: 1993, *Influence of pressure gradient changes on Solar spectral line profile parameters*, XVI SPIG, Beograd, 369.

1994

Erkapić, S., Vince, I.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 328.

1995

Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 159.

1996

Erkapić, S., Vince, I.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.

Vince, I.: 1996, Long-Term Variations of Solar Spectral Lines, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 11.

Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

842. (658)

Glenzer, S., Uzelac, N.I., Kunze, H. -J.: 1993, *Stark broadening of 3s-3p transitions in F VII*, in Spectral Line Shapes 7, eds. R. Stamm, B. Talin, Nova, 119.

1994

Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. Rev. A, **49**, 106.

Alexiou, S., Ralchenko, Yu.: 1994, *Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **49**, 3086.

Alexiou, S., Ralchenko, Yu.: 1994, *Erratum: Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **50**, 3552.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

1995

Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. **75**, 3406.

Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 134.

1996

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.

Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.

Poquerusse, A., Alexiou, S., Leboucherdalimier, E.: 1996, *Width Functions for the Perturbative Dipole Impact Line-Broadening Theory with Correct Unitarity Cutoff*, JQSRT, 56, 797.

1997

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.

844. (660)

Kršljanin, V.: 1993, *On the Spectral Line Broadening due to Collisions with Hydrogen Atoms: An Empirical Formula for the C_{12} Constant*, XVI SPIG, Beograd, 212.

1995

Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.

845. (661)

Kršljanin, V., Dimitrijević, M. S.: 1993, *Stark shifts of C IV lines in the spectrum of PG 1159-035*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, 44, 45.

1994

Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd

1996

Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.

847. (663)

Mijatović, Z., Kobilarov, R., Vujičić, B. T., Nikolić, D. Konjević, N.: 1993, *Simple method for deconvolution of a Gaussian and a plasma broadened spectral line profile $j_{\lambda R}(x)$* , JQSRT. 50, 329.

1994

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XII ICSLS, Toronto, PA-3.

1995

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys. Rev. E 51, 613.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 77.

1996

Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 279.

Mijatović, Z.: 1996, Zh. Prikl. Spektrosk. 63, 836.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue. L. Tchong - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

1997

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *On the Temperature Dependence of the Stark Broadening Parameters of Ar I 425.9 nm Line*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 315.

849. (665)

Popović, L. Č., Dimitrijević, M. S.: 1993, *Stark broadening parameters of singly ionized iodine lines*, 25th E. G. A. S. Conference Abstracts, Caen, Europhys. Conf. Abstracts Vol. 17 D P2-066.

1994

Popović, L. Č.: 1994, Publ. Obs. Astron. Belgrade 46.

850. (666) Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
 Popović, L. Č., Dimitrijević, M. S.: 1993, *On Stark broadening of heavy ion lines in spectra of CP stars: Sb II lines*, Int. Conf. on Chemmically peculiar and magnetic stars on and close to upper main sequence, Stara Lesna, 5.
 1994
 Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
 Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
851. (667) Popović, L. Č., Dimitrijević, M. S., Vince, I.: 1993, *Spectrum of CP stars: Stark width of heavy ion lines*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, 44, 55.
 1994
 Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
 Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
 Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
852. (668) Popović, L. Č., Vince, I.: 1993, *Influence of the Gravitational Field on the Shape of spectral Lines of Seyfert Galaxies and Quasars*, IAU Symp. 159. Active Galactic Nuclei across the Electromagnetic Spectrum, Geneva, 55.
 1996
 Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
853. (669) Popović, L. Č., Vince, I., Dimitrijević, M. S.: 1993, *Stark broadening of Zn II and Cd II spectral lines of astrophysical interest*, Astron. Astrophys. Suppl. Series, 102, 17.
 1994
 Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
 Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
 Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
 Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

- 1996
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
- Popović, L.Č., Dimitrijević, M.S.: 1996, *Physica Scripta* 53, 325.
855. (671) Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, *Stark widths measurements of several Fe II spectral lines from $a^5D-Z^5D^o$ multiplet (UVI)*, XXI ICPIG, Bochum, 261.
- 1995
- Dimitrijević, M. S.: 1995, *Astron. Astrophys. Suppl. Series* 111, 565.
- 1996
- Purić, J.: 1996, *Zh. Prikl. Spektrosk.* 63, 816.
856. (672) Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, *Stark widths of singly-ionized iron spectral lines*, *Astron. Astrophys. Suppl. Series*, 102, 607.
- 1994
- Ochsenbein, F.: 1994, *New published data available at CDS*, *Bull. Inform CDS*, 44, 79.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Programme and Abstracts, 75.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
- Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, 49, 131.
- Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, 14, 49.
- 1996
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, *JQSRT* 56, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, *Optika i Spektroskopiya*, 81, 33.
857. (673) Skuljan, Lj.: 1993, *Štarkovo pomeranje spektralnih linija He I i Ar I*, Magistarski rad, Fizički fakultet, Beograd.
- 1994
- Mišković, A.: 1994, Diplomski rad, Univerzitet u Beogradu.

- Skuljan, Lj., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 183.
- 1995
- Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, *Stark widths of Fe I and Ni I spectral lines*, Bull. Astron. Belgrade, 152, 17.
- Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, *Bull. Astron. Belgrade*, 151, 17.
- 1996
- Kovačević, A.: 1996, Univerzitet u Beogradu, Fizički fakultet, Beograd.
858. (674) Skuljan, Lj., Djeniže, S., Labat, J.: 1993, *Stark shifts of Ar I spectral lines*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 53.
- 1995
- Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.
860. (676) Skuljan, J., Kubičela, A., Vince, I., Arsenijević, J., Popović, L. Č.: 1993, *Behavior of some Fraunhofer lines around maximum of solar activity*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 37.
- 1966
- Vince, I., Skuljan, J., Popović, L. Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.
863. (679) Srećković, A., Djeniže, S., Platiša, M.: 1993, *Stark widths of several B III and O III spectral lines*, XVI SPIG, Beograd, 201.
- 1996
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-8.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, 119, 369.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.
864. (680) Stefanović, I., Ivković, M.: 1993, *The influence of ion dynamics on the line shape of He II 320.3 nm line*, XVI SPIG, Beograd, 206.
- 1996
- Purić, J.: 1996, *Zh. Prikl. Spektrosk.* 63, 816.

865. (681) Uzelac, N. I., Glenzer, S., Konjević, N., Hey, J. D., Kunze, H. -J.: 1993, *Plasma broadening of Ne II- Ne VI and FIV - F V spectral lines*, Phys. Rev. E 47, 3623.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
- Blagojević, B., Popopvić, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transientser Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.
- Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigasos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, XII ICSLS, PA-4.
- 1995
- Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. 75, 3406.
- Alexiou, S., Maron, Y.: 1995, *Theoretically based closed form formulas for the collision operator for isolated ion lines in the standard Stark - broadening theory*, JQSRT 53, 109.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- 1996
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
- Wrubel, Th., Glenzer, S., Buescher, S., Kunze, H.-J., Alexiou, S.: 1996, *Line profile measurements of the 2s3s-2s3p singlet and triplet transitions in Ne VII*, Astron. Astrophys., 306, 1023.
- 1997
- Alexiou, S.: 1997, *Closing in on Stark Broadening for weakly coupled plasmas*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 79.

II. 4. BIBLIOGRAPHY AND CITATION INDEX 1993--1997

BIBLIOGRAFIJA I INDEKS CITATA 1993--1997

1988

869. (685) Malešević, M.M.: 1988, *Stark-ovo širenje spektralnih linija iz viših multipletaspektara jedanput jonizovanog argona*, Magistarski rad, PMF Beograd.

1992

- Brnović, M.J.: 1992, Magistarski rad, Fizički fakultet, Beograd.

1990

870. Džimberg - Malčić, V., Veža, D., Pichler, G.: 1990, *Fizika*, 22, 381.

1992

- Czuchaj, E., Rebentrost, F., Stoll, H., Preuss, H.: 1992, *Calculation of the potential energies and transition dipole - moments of the KHg pair*, Chem. Phys. Lett., 199, 47.

1993

- Czuchaj, E., Rebentrost, F., Pichler, G.: 1993, *Model potential curves of KHg and NaHg and the interpretation of the observed excimer bands*, in *Spectral Line Shapes*, 7, eds. R. Stamm, B. Talin, Nova Science, 381.

1995

- Azinović, D., Milošević, S., Pichler, G.: 1995, *Photochemical Population of KHg States*, Chem. Phys. 196, 267.

1991

871. (686) Djeniže, S., Srećković, A., Labat, J.: 1991, *Stark broadening regularities along a homologous sequence of the second group in the periodic system*, JQSRT, 46, 433.

1992

- Djeniže, S., Labat, J., Konjević, R.: 1992, *Contrib. Plasma Phys.*, 32, 69.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

1992

872. (687) Djenize, S., Labat, J., Konjević, R.: 1992, *On the Stark Broadening Regularities Along a Homologous Sequence of the IV B Subgroup in the Periodic System*, Contrib. Plasma Phys., 32, 69.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

873. (688) Djenize, S., Srećković, A., Labat, J.: 1992, *Stark shifts of Na I, Si I, and Hg I spectral lines*, 11 ICSLS, Carry le Rouet, A24.

1993

Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1995

Bukvić S., Djenize S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.

874. (689) Petrović, Z.Lj., Jelenković, B., Phelps, A.V.: 1992, *Excitation by an Surface Reflection of Fast Hydrogen Atoms in Low-Pressure Hydrogen Discharges*, Phys. Rev. Lett., 68, 325.

1992

Kuraica, M., Konjević, N., Platiša, M., Pantelić, D.: 1992, Spectrochim. Acta 47 B, 1173.

Vadla, Č., Knezović, S., Movre, M.: 1992, *Rubidium 5^2P Fine - Structure Transitions Induced by Collisions with Potassium and Cesium Lines*, J.Phys. B, 25, 1337.

1993

Bzenić, S.: 1993, Magistarski rad, Fizički fakultet, Beograd.

1994

Kuraica, M., Konjević, N.: 1994, *Physica Scripta*, **50**, 487.

Roznerski, W., Mechlinskadrewko, J., Leja, K., Petrović, Z.Lj: 1994, *Drift Velocities and Characteristic Energies of Electrons in Deuterium at Low and Moderate E/N*, *J.Phys. D* **27**, 2060.

1995

Ermolaev, A.M., Mihajlov, A.A., Ignjatović, Lj. M., Dimitrijević, M.S.: *Continuous Emission Due to Radiative Ion-Atom Association and Charge-Exchange in Weakly Ionized Plasmas of H, He, Li and Na*, *J. Phys. D* **28**, 1047.

Lipp, M.J., O'Brien, J.J.: 1995, *Temperature and Population Measurements of $n=2$ Hydrogen - Atoms in H_2 RF Discharges from H-Alpha (Balmer) Spectral Profiles Obtained by Intracavity Laser Spectroscopy*, *Chem. Phys.* **192**, 355.

Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, *Appl. Phys. Lett.* **66**, 2637.

Schreck, M., Baur, T., Stritzker, B.: 1995, *Optical Characterization of the Cathode Plasma Sheath During the Biasing Step for Diamond Nucleation on Silicon*, *Diamond and Related Materials* **4**, 553.

1996

Jelenković, B.M., Phelps, A.V.: 1996, *Cathode-Fall Development in Low-Pressure, Parallel-Plane Hydrogen Discharges*, *Phys. Rev. E*, **53**, 1852.

Lavrov, B.P., Melnikov, A.S.: 1995, *Spectroscopic Determination of Highly Nonequilibrium Velocity Spectra of Hydrogen-Atoms in $H-2+n-2, Ar, Kr$ Hollow-Cathode Discharges*, *Optika i Spektroskopiya*, **79**, 922.

Shizgal, B.D., Napier, D.G.: 1996, *Nonequilibrium Effects in Reactive Systems - The Effect of Reaction-Products and the Validity of the Chapman-Enskog Method*, *Physica A*, **223**, 50.

Videnović, I.R.: 1996, *Magistarska teza*, Univerzitet u Beogradu, Fizički fakultet, Beograd.

Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, *Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96*, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, *Publ. Obs. Astron. Belgrade* **53**, 85.

Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.

1993

875. (670) Bzenić, S.: 1993, *Proučavanje kinetike sudara u tinjavom pražnjenju u vodoniku analizom Balmerove beta linije*, Magistarski rad, Fizički fakultet, Beograd.
876. (671) Dimitrijević, M. S., Popović, L.Č.: 1993, *On the influence of radiator complexity to Stark broadening of spectral lines*, 9 Gen. Conf. of the European Physical Society 'Trends in Physics', Abstracts, Firenze, 138.
877. (672) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of F VII spectral lines*, 9 Gen. Conf. of the European Physical Society 'Trends in Physics', Abstracts, Firenze, 150.
878. (673) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of Be I spectral lines*, 9 Gen. Conf. of the European Physical Society 'Trends in Physics', Abstracts, Firenze, 122.
879. (674) Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, *Stark broadening of Al III lines*, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 153.
880. (675) Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, *Stark broadening of C IV lines for stellar plasma research*, in Planetary Nebulae (eds. R.Weinberger, A.Acker), Kluwer Acad.Publ., Dordrecht, Boston, London, 94.
881. (676) Djeniže, S.: 1993, *Intenzitet i oblik spektralne linije*, Mladi fizičar, 48, 1.
882. (677) Popović, L.Č., Vince, I., Dimitrijević, M.S.: 1993, *Stark broadening of Zn II and Cd II lines within the modified semiempirical approach*, II DIAM (Dynamique des Ions, des Atomes et des Molecules), Bourges, 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
883. (678) Purić, J.: 1993, *Stark broadening of spectral lines and the problem of regularities - Present status*, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

1994

Purić, J., Čuk, M.: 1994, XII ICSLS, Toronto, PA-5.

- Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- Purić, J., Ćuk, M.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.
- Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, VIII Symp. Phys. Ioniz. Gases, Kotor, 286.
- Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S.Burakov, M.S.Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.
884. (679) Purić, J., Miller, M.H., Lesage, A.: 1993, *Electron impact broadening parameters predictions from regularities : Fe I, Fe II, Fe III, Fe IV, C IV, and Si IV*, Astrophys. J., **416**, 825.
- 1992
- Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1992, XI ICSLS, Carry le Rouet, A 35.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, XXI ICPIG, Bochum, 261.
- Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, Astron. Astrophys. Suppl. Series, **102**, 607.
- 1994
- Purić, J., Ćuk, M.: 1994, XII ICSLS, Toronto, PA-5.
- Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.
- 1995
- Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series **111**, 565.

- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
- Dimitrijević, M. S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 131.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- Purić, J., Ćuk, M.: 1995, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 79.
- Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade **50**, 115.
- 1996**
- Purić, J.: 1996, Zh. Prikl. Spektrosk. **63**, 816.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
- Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 143.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, **81**, 33.
885. (680) Vujičić, B., Djurović, S., Pavlov, M., Mijatović, Z., Kobilarov, R.: 1992/1993, *The asymmetry of the He I 501.6 nm line*, Faculty of sciences - University of Novi Sad, Review of Research, Physics Series, **22/23**, 107.
886. (681) Vujković-Cvijin, P., Wells, W.K., Mendaš, I., Delaney, J.K., Lunine, J.I., Hunten, D.M., Atkinson, G.H.: 1993, *Determination of line intensity and pressure broadening of the 619.68 nm methane overtone absorption line at low temperatures using intracavity laser spectroscopy*, JQSRT **49**, 639.

1994

887. (682) Atanacković - Vukmanović, O., Popović, L.Č., Vince, I., Kubičela, A.: 1994, *Contribution of gravitational redshift to spectral line profiles of AGN: The case of Voigt profile*, Bull. Astron. Belgrade, **150**, 1.

1996

Popović, L.Č.: 1996, *A Data Base of AGN Spectral Lines*, XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade **54**, 49.

888. (683) Atanacković - Vukmanović, O., Simonneau, E.: 1994, *The use of iteration factors in the solution of the NLTE line transfer problem - I. Two - level atom*, JQSRT, **51**, 525.

1993

Atanacković - Vukmanović, O., Simonneau, E.: 1993, Publ. Obs. Astron. Belgrade, **44**, 41.

Simonneau, E., Crivellari, L.: 1993, *An implicit integral method to solve selected radiative transfer problems. I. Non - LTE line formation*, Astrophys. J., **409**, 830.

1995

Atanacković - Vukmanović, O., Simonneau, E.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 77.

1996

Simonneau, E., Atanacković-Vukmanović, O.: 1996, Zh. Prikl. Spektrosk. **63**, 846.

889. (684) Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Stark broadening of triply ionized oxygen lines: The temperature dependence*, Phys.Rev. E, **50**, 2986.

1994

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultät fuer Physik und Astronomie der Ruhr-Universität, Bochum.

1995

Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.

Blagojević B., Popović M. V. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 27.

- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
- Blagojević B., Popović M. V., Konjević N. and Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 31.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.

1996

- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 132.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.

- Blagojević, B., Popović, M.V., Konjević, N., Pavlović, Z.: 1996, *Spectroscopic diagnostics of high current pulse discharge in the helium-nitrogen gas mixture*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 318.
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
- Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
- Konjević, N.: 1996, *Spektroskopija plazme*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 1, ed. D.Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 103.
- 1997
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.
890. (685) Blagojević, B., Popović, M.V., Konjević, N.: 1994, *Investigation of LS coupling in Oxygen IV*, XVII Symp. Phys. Ioniz. Gases, Beograd, 197.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
891. (686) Dimitrijević, M. S.: 1994, *Stark widths of astrophysically important four- and five-times charged ion lines*, in *Pulsation, Rotation and Mass Loss in Early-Type Stars*, eds. L.A. Balona, H.F. Henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
892. (687) Dimitrijević, M. S.: 1994, *Line Shapes Investigations in Yugoslavia and Serbia III (1989 - 1993) (Bibliography and citation index)*, Publ. Obs. Astron. Belgrade 47.
- 1995
- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.
893. (688) Dimitrijević, M. S.: 1994, *Stark broadening of stellar Pt II lines*, in *Pulsation, Rotation and Mass Loss in Early-Type Stars*, eds. L.A. Balona, H.F. Henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 337.

894. (689) Dimitrijević, M. S.: 1994, *On Stark broadening data for stellar Pt plasma research*, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
895. (690) Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, *Stark broadening of Al III and Cu IV lines for diagnostic of the rail gun arc plasma*, J.Phys.D: Appl.Phys. **27**, 247.
- 1993
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, Bull. Astron. Belgrade, **147**, 35.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, Astron. Astrophys. Suppl. Series, **99**, 585.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Heading, D.J., Bennett, G.R., Wark, J.S., Lee, R.W.: 1995, *Novel Plasma Source for Dense Plasma Effects*, Phys. Rev. Lett., **74**, 3616.
- Heading, D.J., Wark, J.S., Bennett, G.R., Lee, R.W.: 1995, *Simulations of spectra from dense Aluminium plasmas*, JQSRT **54**, 167.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Mihajlov, A.A.: 1996, *Transportni procesi u nisko temperaturnoj plazmi*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, **1**, ed. D.Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 82.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.
896. (691) Dimitrijević, M.S., Popović, L.Č.: 1994, *Erratum, Stark broadening of Bi II lines of astrophysical interest*, Astron. Astrophys. Suppl. Series, **107**, 191.

897. (692) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *On the Stark broadening of spectral lines along the lithium isoelectronic sequence: Ne VIII and Na IX*, 26th EGAS Conference, Europhysics Conf. Abstracts, 18D, 344.
898. (693) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening of Na IX spectral lines*, 7th Int. Conf. Phys. Highly Charged Ions, Book of Abstracts, eds. F. Auyamar, H.P. Winter, Vienna, We60.
899. (694) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening of Si XII spectral lines*, 7th Int. Conf. Phys. Highly Charged Ions, Book of Abstracts, eds. F. Auyamar, H.P. Winter, Vienna, We61.
900. (695) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening parameter tables for Mg I lines of interest for solar and stellar spectra research. I*, Bull. Astron. Belgrade, 149, 31 (Errata in Bull. Astron. Belgrade, 150, 121).
- 1994
Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, Bull. Astron. Belgrade 149, 31.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M. S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Physica Scripta 52, 41.
- 1996
Bayazitov, U. Sh., Saghidullin, I. Kh.: 1996, *The Stark broadening's influence stellar Mg I, Mg II lines intensities*, 10th General Conf. of the European Physical Society, Trends in Physics, Sevilla 1996, 289.
Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
901. (696) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening parameter tables for Mg I lines of interest for solar and stellar spectra research. II*, Bull. Astron. Belgrade, 150, 47.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M. S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
902. (697) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening parameter tables for O IV and O V lines of astrophysical importance*, Bull. Astron. Belgrade, **150**, 95.
- 1995
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 135.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
903. (698) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening of Ne VIII lines*, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.
904. (699) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of Al I spectral lines*, *Physica Scripta* **49**, 34.
- 1992
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, Bull. Astron. Belgrade, **146**, 83.
- 1994
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, **54**, 50.
905. (700) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of Be I spectral lines*, Astron. Astrophys. Suppl. Series **105**, 243.
- 1992
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, Bull. Astron. Belgrade, **146**, 73.

- 1994
Ochsenbein, F.: 1994, *New published data available at CDS*, Bull. Inform CDS, 45, 87.
- 1996
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
906. (701) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. XI. Al XI and Si XII*, Astron. Astrophys. Suppl. Series 105, 245.
- 1993
Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, Bull. Astron. Belgrade, 148, 21.
- 1994
Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Ochsenbein, F.: 1994, *New published data available at CDS*, Bull. Inform CDS, 45, 87.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.
907. (702) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Influence of the oscillator strengths on the Stark broadening of Rb I lines*, XII Int. Conf. on Spectral Line Shapes, Toronto, PB-5.
908. (703) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of Rb I spectral lines*, *Physica Scripta* 49, 661.
- 1992
Dimitrijević, M.S., Sahal-Bréchet, S.: 1992, Bull. Astron. Belgrade, 146, 97.

1994

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XII Int.Conf. on Spectral Line Shapes, Toronto, PB-5.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 87.

Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

909. (704) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *On the Stark broadening of neutral rubidium spectral lines* XVII Symp. Phys. Ioniz. Gases, Beograd, 187.

910. (705) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of Al XI and Si XII spectral lines*, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

911. (706) Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. X. Ne VIII and Na IX lines*, Astron. Astrophys. Suppl. Series, 107, 349.

1993

Dimitrijević, M.S., Sahal-Bréchet, S.: 1993, Bull. Astron. Belgrade, 148, 29.

1994

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, 18D, 93.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, Astron. Astrophys. Suppl. Series 105, 245.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

1995

Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.

- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Astron. Astrophys. Suppl. Series, 109, 551.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
912. (707) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *On the Stark broadening of Mg I lines of interest for solar and laboratory plasmas*, Workshop on Laboratory and Astronomical High Resolution Spectra, Brussels, 72.
913. (708) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *Stark broadening of solar Mg I lines in the infrared solar spectrum*, XXIIInd General Assembly of the IAU, Den Haag, Astronomy posters, Abstracts, H.van Woerden, ed., 212.
914. (709) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *On the Stark broadening of Na IX spectral lines*, XXIIInd General Assembly of the IAU, Den Haag, Astronomy posters, Abstracts, H.van Woerden, ed., 255.
915. (710) Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, *On the Stark broadening of Al XI spectral lines*, XXIIInd General Assembly of the IAU, Den Haag, Astronomy posters, Abstracts, H.van Woerden, ed. (1994), 255.
916. (711) Dimitrijević, M. S., Vince, I.: 1994, *Spectral line width and shift investigation for solar plasma diagnostic*, 2 Workshop ueber den geochemischen nachweis der sonnen neutrinos mit hilfe des ²⁰⁵Tl-LOREX projektes, Salzburg, 10.
917. (712) Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, *Measured Stark widths and shifts of several Ni I and Ni II spectral lines*, Astron. Astrophys. Suppl. Series, 105, 115.
- 1993
- Skuljan, Lj.: 1993, Magistarski rad, Fizički fakultet, Beograd.
- Skuljan, Lj., Djeniže, S., Labat, J.: 1993., Publ. Obs. Astron. Belgrade, 44, 53.

- Skuljan, Lj., Djeniže, S., Labat, J.: 1993., XVI SPIG, Beograd, 204.
1994
- Skuljan, Lj., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 183.
1995
- Dimitrijević, M.S.: 1995, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf.Abstacts, 19A, Part II (1995), 607.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 43.
- Dimitrijević, M. S.: 1995, *Stark widths and shifts of Ni II spectral lines*, Astron.Astrophys.Suppl.Series 114, 171.
- Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, *Measured Stark widths of a 425.94 nm Ar I spectral line*, Bull. Astron. Belgrade, 151, 17.
1996
- Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
918. (713) Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R.: 1994, *Additional shift of H beta and H alpha lines due to magnetization of moving plasma*, XVII Symp. Phys. Ioniz. Gases, Beograd, 165.
919. (714) Erkapić, S., Vince, I.: 1994, *Influence of the electron density gradient changes on Solar spectral line profile parameters*, XVII Symp. Phys. Ioniz. Gases, Beograd, 328.
1995
- Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 159.
1996
- Erkapić, S., Vince, I.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.
920. (715) Jevremović, D.: 1994, *Analiza IUE spektra zvezde mi Cephei*, Magistarski rad, Matematički fakultet, Beograd.

- 1994
Jevremović, D., Vince, I.: 1994, Bull. Astron. Belgrade, 150, 41.
- 1995
Jevremović, D., Vince, I.: 1995, Bull. Astron. Belgrade, 151, 75.
921. (716) Jevremović, D., Vince, I.: 1994, *Mg II h and k lines in the IUE spectra of the cool dusty supergiant μ Cep*, Bull. Astron. Belgrade, 150, 41.
- 1995
Jevremović, D., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 163.
922. (717) Jevremović, D., Vince, I.: 1994, *Fe II emission lines in IUE spectra of cool super giant μ Cephei*, XVII Symp. Phys. Ioniz. Gases, Beograd, 319.
923. (718) Konjević, N., Blagojević, B., Popović, M.V., Dimitrijević, M.S.: 1994, *Temperature dependence of the triply ionized oxygen Stark widths*, XII Int.Conf. on Spectral Line Shapes, Toronto PA-2.
- 1995
Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
924. (719) Konjević, N., Stefanović, I., Ivković, M.: 1994, *Experimental study of the He II line shapes*, XII ICSLS, PB-1.
925. (720) Konjević, R., Konjević, N.: 1994, *On the Stark broadening of doubly-ionized krypton lines*, XVII Symp. Phys. Ioniz. Gases, Beograd, 191.
- 1995
Konjević R.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 87.
926. (721) Kuraica, M., Konjević, N.: 1994, *On the Atomic Hydrogen Line Shapes in a Plane - Cathode Obstructed Glow Discharge*, Physica Scripta, 50, 487.
- 1995
Lavrov, B.P., Melnikov, A.S.: 1995, *Spectroscopic Determination of Highly Nonequilibrium Velocity Spectra of Hydrogen-Atoms in $H-2+n-2, Ar, Kr$ Hollow-Cathode Discharges*, Optika i Spektroskopiya, 79, 922.
- 1996
Šišović N., Kuraica M., Videnović I., Miljević V. and Konjević N.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 302.
- Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.

- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.
927. (722) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, *Influence of ion - dynamics on the shift of C I 5052.17 Å spectral line in plasma*, XII ICSLS, Toronto, PA-3.
928. (723) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, *Influence of ion - dynamics on the line shapes of C I spectral lines in plasma*, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.
929. (724) Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, *Influence of ion - dynamics on the width and shift of the He I lines*, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.
- 1994
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.
930. (725) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, *Influence of ion - dynamics on the shift of C I 5052.17 Å spectral line in plasma*,
931. (726) Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, *Influence of ion dynamics on the shape of the He I 4713 Å and 7065 Å lines*, XII ICSLS, PB-2.
932. (727) Mišković, A.: 1994, *Štarkovo širenje spektralnih linija iz spektra Ar I*, Diplomski rad, Univerzitet u Beogradu.
933. (728) Nikolić, D.: 1994, *Aproksimativni metod za dekonvoluciju Gaussovog i $j_{A,R}(x)$ profila spektralnih linija neutralnih elemenata emitovanih iz plazme*, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- 1994
- Zumbulović, Lj.: 1994, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
934. (729) Popović, L.Č.: 1994, *Štarkovo širenje spektralnih linija teških jona u spektrima toplih zvezda, Stark broadening of heavy ion spectral lines in spectra of hot stars*, Publ. Obs. Astron. Belgrade 46.

935. (730) Popović, L.Č.: 1994, *Štarkovo širenje spektralnih linija teških jona u spektrima toplih zvezda (STZ)*, Doktorska teza, Matematički fakultet, Beograd.
1994
Mišković, A.: 1994, Diplomski rad, Univerzitet u Beogradu.
1996
Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
936. (731) Popović, L.Č., Dimitrijević, M. S.: 1994, *On Stark broadening of heavy ion lines in spectra of CP stars: Sb II lines*, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.
1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
937. (732) Popović, L.Č., Dimitrijević, M. S.: 1994, *Stark broadening of As II spectral lines*, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
938. (733) Popović, L.Č., Dimitrijević, M. S.: 1994, *Stark widths of Xe II spectral line*, 26th EGAS Conference, Europhysics Conf. Abstracts, **18D**, 93.
939. (734) Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, *Stark broadening of heavy ion spectral lines in spectra of CP stars*, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
940. (735) Popović, L.Č., Dimitrijević, M. S.: 1994, *The modified semiempirical approach for complex ion lines of astrophysical interest*, XXIIInd General Assembly of the IAU, Den Haag, Astronomy posters, Abstracts, H.van Woerden, ed. (1994), 256.
941. (736) Popović, L.Č., Vince, I., Kubičela, A.: 1994, *Influence of the gravitational field on the shape of spectral lines in spectra of Seyfert galaxies and quasars*, in Multi - Wavelength Continuum Emission of AGN, eds. T.J.-L. Courvoisier, A.Blecha, Kluwer, Dordrecht, Boston, London, 456.
942. (737) Popović, L.Č., Vince, I., Kubičela, A., Atanacković - Vukmanović, O., Samurović, Š.: 1994, *Contribution of gravitational redshift to spectral line profiles of AGN: The case of Lorentzian profile*, Bull. Astron. Belgrade, **149**, 9.

1994

Atanacković - Vukmanović, O., Popović, L.Č., Vince, I., Kubičela, A.:
1994, Bull. Astron. Belgrade, 150, 1.

Popović, L.Č., Vince, I., Kubičela, A., Atanacković - Vukmanović, O.,
Samurović, S.: 1994, Bull. Astron. Belgrade, 149, 9.

1995

Popović, L.Č., Vince, I., Atanacković - Vukmanović, O., Kubičela, A.:
1994, Astron. Astrophys. 293, 309.

1996

Popović, L.Č.: 1996, *A Data Base of AGN Spectral Lines*, XI Nat. Conf.
Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević,
Publ.Astron. Obs. Belgrade 54, 49.

943. (738) Purić, J., Čuk, M.: 1994, *Stark parameters regularities within spectral series of several multicharged ions*, XII ICSLS, Toronto, PA-5.

1996

Purić, J.: 1996, *Zh. Prikl. Spektrosk.* 63, 816.

944. (739) Purić, J., Čuk, M., Milosavljević, V.: 1994, *Stark broadening parameters prediction from regularities: N V, O VI, and S VI*, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.

945. (740) Šćepanović, M., Milosavljević, V., Djeniže, S., Platića, M., Labat, J.: 1994, *Measured Stark parameters of several N II spectral lines*, XVII Symp. Phys. Ioniz. Gases, Beograd, 191

1996

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

946. (741) Šćepanović, M., Milosavljević, V., Djeniže, S., Platića, M., Labat, J.: 1994, *Measured Stark parameters of several N II spectral lines*, Bull. Astron. Belgrade, 150, 11.

947. (742) Skuljan, Lj., Djeniže, S.: 1994, *Stark broadening of the Ar I spectral lines*, XVII Symp. Phys. Ioniz. Gases, Beograd, 183.

948. (743) Skuljan, Lj., Djeniže, S.: 1994, *Measured Stark width and shift of the P alpha He II spectral line*, Bull. Astron. Belgrade, 149, 15.

949. (744) Spasojević, Dj., Kuraica, M., Konjević, N.: 1994, *On the hydrogen line shapes in a plane cathode abnormal discharge*, XVII Symp. Phys. Ioniz. Gases, Beograd, 212.

950. (745) Srećković, A., Djeniže, S.: 1994, *Measured Stark shifts of the Na I - D spectral lines in nitrogen plasma*, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.

1995

- Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.
951. (746) Stefanović, I., Ivković, M., Konjević, N.: 1994, *Experimental study of the He II P alpha line shape*, XVII Symp. Phys. Ioniz. Gases, Beograd, 169.
952. (747) Vujičić, B.T., Djurović, S., Pavlov, M.: 1994, *The radial expansion of cylindrical ionization front in laser produced plasma*, XVII Symp. Phys. Ioniz. Gases, Beograd, 256.
953. (748) Zumbulović, Lj.: 1994, *Merenje spektralnih karakteristika sistema za snimanje spektralnih linija emitovanih iz plazme*, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.

1995

954. (749) Atanacković - Vukmanović, O., Simonneau, E.: 1995, *On some iteration factors families in solution of line transfer problem with depth - dependent profile function*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 77.
955. (750) Atanacković-Vukmanović O. and Simonneau E.: 1995, *Solution of the line formation problem by the use of iteration factors*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 7.
956. (751) Blagojević, B.: 1995, *Temperaturna zavisnost širine i pomeraja spektralnih linija duž dela izoelektronske sekvence bora*, Magistarski rad, Fizički fakultet, Beograd.

1996

- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
957. (752) Blagojević B., Popović M. V. and Konjević N.: 1995, *On the LS coupling along the boron sequence*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 27.
958. (753) Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, *Stark shifts of N III and O IV lines*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.

959. (754) Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Stark broadening of the FV $3s^2S - 3p^2P$ and $3p^2P - 3d^2D$ transitions*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
960. (755) Blagojević B., Popović M. V., Konjević N. and Dimitrijević M. S.: 1995, *On the Stark broadening and shift of triply ionized oxygen lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 31.
961. (756) Bukvić S., Djeniže S. and Srećković A.: 1995, *Measured Stark parameters of the NaI-D spectral lines in argon plasma*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.
962. (757) Dimitrijević, M. S.: 1995, *On the Ionized Iron Lines Stark Broadening in Plasmas*, Astron.Astrophys.Suppl.Series 111, 565.
1995
Dimitrijević, M. S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
963. (758) Dimitrijević, M. S.: 1995, *Stark widths and shifts of Ni II spectral lines*, Astron.Astrophys.Suppl.Series 114, 171.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
964. (759) Dimitrijević, M.S.: 1995, *Stark broadening of Ni II spectral lines*, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf.Abstacts, 19A, Part II (1995), 607.
965. (760) Dimitrijević, M.S.: 1995, *O parametrima Štarkovog širenja spektralnih linija, potrebnim za istraživanje zvezdane i laboratorijske plazme*, Publ. Obs. Astron. Belgrade 48, 127.
966. (761) Dimitrijević, M. S.: 1995, *Stark Broadening Data for Plasma Diagnostics*, 17th Symp. on Plasma Physics and Technology, Prague 1995, Programme and Abstracts, 15.
967. (762) Dimitrijević, M. S.: 1995, *On the Ionized Iron Lines Stark Broadening in Plasmas*, 17th Symp. on Plasma Physics and Technology, Prague 1995, Programme and Abstracts, 75.

968. (763) Dimitrijević, M. S.: 1995, *Stark Broadening Data for Plasma Diagnostics*, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
969. (764) Dimitrijević, M. S.: 1995, *On the Ionized Iron Lines Stark Broadening in Plasmas*, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
970. (765) Dimitrijević, M. S.: 1995, *On the Ionized Iron Lines Stark Broadening in Stellar Spectra*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 131.
971. (766) Dimitrijević, M. S.: 1995, *The influence of collisions with charged particles on stellar line spectra*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 69.
972. (767) Dimitrijević M. S.: 1995, *A programme to provide Stark broadening data for stellar and laboratory plasma investigations*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 9.
973. (768) Dimitrijević M. S.: 1995, *Stark broadening of ionized nickel lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 43.
974. (769) Dimitrijević M. S., Djeniže S., Srećković A. and Platiša M.: 1995, *Stark broadening of S III and S IV spectral lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 47.
975. (770) Dimitrijević M. S. and Sahal-Bréchet S.: 1995, *Stark broadening of P V lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 51.
- 1996
Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
976. (771) Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark broadening of O V lines*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 135.
977. (772) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for O IV and O V lines of astrophysical importance*, Astron. Astrophys. Suppl. Series, 109, 551.

1994

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, Bull. Astron. Belgrade 150, 95.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 135.

Dimitrijević M. S. and Sahal-Bréchet S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 51.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, XIX Int. Conf. on the Physics of Electronic and Ionic Collisions, Whistler (Canada), 596.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series 115, 351.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

978. (773) Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark broadening of lithium ion lines in astrophysical and laboratory plasmas*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 139.

979. (774) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for Li II*, Bull. Astron. Belgrade, 151, 115.

1995

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 139.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.

980. (775) Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for Mg II*, Bull. Astron. Belgrade, 151, 101.
1996
Bayazitov, U.Sh., Saghidullin, I.Kh.: 1996, *The Stark broadening's influence stellar Mg I, Mg II lines intensities*, 10th General Conf. of the European Physical Society, Trends in Physics, Sevilla 1996, 289.
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.
981. (776) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Influence of the oscillator strengths on the Stark broadening of Rb I lines*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 87.
982. (777) Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark Broadening of Al XI Spectral Lines*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 175.
983. (778) Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *On The Stark Broadening of Na IX Spectral Lines*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 169.
984. (779) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *On the electron-impact broadening of O IV lines*, XIX Int. Conf. on the Physics of Electronic and Ionic Collisions, Whistler (Canada), 596.
985. (780) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Broadening of Li II lines by collisions with charged particles*, XIX Int. Conf. on the Physics of Electronic and Ionic Collisions, Whistler (Canada), 595.
986. (781) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark broadening of Mg I spectral lines*, Physica Scripta 52, 41.

1994

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, Bull. Astron. Belgrade **150**, 95.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, **117**, 127.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, **54**, 50.

Popović, L.Č., Dimitrijević, M. S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade **54**, 39.

Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 143.

1997

Ben Nessib, N., Ben Lakhdar, Z., Sahal - Bréchet, S.: 1997, *Semiclassical Stark Broadening Calculations of Neutral Oxygen Lines*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings **386**, Woodbury, New York, 117.

987. (782) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark broadening of C V spectral lines of astrophysical interest*, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 197.

988. (783) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *On the Stark broadening of Mg II spectral lines of astrophysical interest*, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 196.

989. (784) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *On the Stark broadening of Mg I spectral lines in solar and stellar spectra*, Cool Stars Stellar Systems and the Sun, Florence 64.

990. (785) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for C V and P V*, Bull. Astron. Belgrade, **152**, 99.

1995

Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Stark broadening parameter tables for C V and P V*, Bull. Astron. Belgrade, **152**, 99.

- Dimitrijević M. S. and Sahal-Bréchet S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 51.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
991. (786) Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, *Stark Broadening of Mg I Spectral Lines of Astrophysical Interest*, in Laboratory and Astronomical High Resolution Spectra, eds. A.J. Sauval, R.Blomme, N.Grevesse, ASP Conference Series, 81, 242.
992. (787) Dimitrijević M. S. and Todorović N. K.: 1995, *The analysis of the simplified formula for the Stark broadening of neutral atom lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 55.
993. (788) Djeniže S., Bukvić S., Srećković A. and Platiša M.: 1995, *Stark widths of Ar III spectral lines from $4s' - 4p'$ transition*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 61.
994. (789) Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, *Experimental Stark shifts of several He I and Ar I spectral lines*, JQSRT 54, 581.
- 1995
- Skuljan Lj., Bukvić S. and Djeniže S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 127.
995. (790) Djurović S., Kobilarov R. and Vujičić B.: 1995, *Experimental difficulties in determination of the spectral line shapes emitted from plasma*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 11.
- 1996
- Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. 63, 836.
996. (791) Djurović S., Mijatović Z., Pavlov M., Vujičić B., Kobilarov R. and Nikolić D.: 1995, *The H beta asymmetry in the presence of a DC magnetic field*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 65.
- 1996
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 298.
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 109.

997. (792) Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.
998. (793) Erkapić, S., Vince, I.: 1995, *Influence of photospheric parameters on Solar spectral line parameters*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 159.
999. (794) Erkapić, S., Vince, I.: 1995, *On the average optical depths of formation of some Fraunhofer lines*, Bull. Astron. Belgrade, 151, 13.
1000. (795) Grujić P. V.: 1995, *Doubly-excited atoms and the line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 13.
1001. (796) Grujić P. V.: 1995, *Doubly-excited atoms and the line broadening*, Bull. Astron. Belgrade, 152, 79.
1002. (797) Jankov S.: 1995, *Fourier analysis of rotationally broadened stellar spectra*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 75.
1003. (798) Jevremović, D., Vince, I.: 1995, *Mg II h and k lines in the GHRS spectra of alpha Ori*, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 163.
1004. (799) Jevremović, D., Vince, I.: 1995, *Changes in the low dispersion IUE spectra of mu Cep*, Bull. Astron. Belgrade, 151, 75.
1005. (800) Konjević, N.: 1995, in *Anomalous broadening - anomalous electric fields?*, Round table discussion in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 100.
1006. (801) Konjević, N., Blagojević, B., Popović, M. V., Dimitrijević, M. S.: 1995, *Temperature dependence of the triply ionized oxygen Stark widths*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 75.
1007. (802) Konjević, N., Stefanović, I., Ivković, M.: 1995, *Experimental study of the He II P beta line shape*, in Spectral Line Shapes 8, eds. A.D. May, J.R. Drummond, E. Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 58.
1008. (803) Konjević R.: 1995, *Testing of simple formulae for evaluation of Stark widths*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 87.

1009. (804) Mijatović Z.: 1995, *Uticaj dinamike jona na oblik i pomeraj spektralnih linija atomskog helijuma, ugljenika i kiseonika u plazmi*, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
1995
Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
1010. (805) Mijatović Z.: 1995, *Influence of ion--dynamics effect on the shape of neutral atom spectral lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 17.
1011. (806) Mijatović, Z., Kobilarov, R., Djurović, S., Konjević, N., and Savić, I.: 1995, IX Kongres fizičara Jugoslavije, Petrovac, 717.
1995
Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 91.
1012. (807) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, *Influence of ion - dynamics on the shift of C I 5052.17 Å spectral line in plasma*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 77.
1013. (808) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, *Search for ion dynamics effects on the shift and width of plasma broadened C I and O I spectral lines*, Phys.Rev. E 51, 613.
1995
Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
1996
Ben Nessib, N., Ben Lakhdar, Z., Sahal-Bréchet, S.: 1996, *Stark-Broadening of Neutral Oxygen Lines in the Impact and Quasi-Static Approximations*, Physica Scripta, 54, 608.
Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade 153, 41.
Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. 63, 836.
Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

1997

Ben Nessib, N., Ben Lakhdar, Z., Sahal - Bréchet, S.: 1997, *Semiclassical Stark Broadening Calculations of Neutral Oxygen Lines*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings 386, Woodbury, New York, 117.

1014. (809) Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, *Stark width and shift of C I 538.0 nm spectral line*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 91.
1015. (810) Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1995, *Influence of ion dynamics on the shape of the He I 4713 Å and 7065 Å lines*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 60.
1016. (811) Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1994, *Influence of ion dynamics on the width and shift of isolated He I lines in plasmas*. II. Phys. Rev. E, 51, 4891.

1995

Mijatović Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.

Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 91.

1996

Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. 63, 836.

Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 310.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tcham - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

1017. (812) Milosavljević V., Djeniže S. and Labat J.: 1995, *Stark widths and shifts of NIII spectral lines of 2p3p-2p3d transition*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 95.

1996

Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

1018. (813) Nikolić, B.: 1995, *Štarkovo širenje i pomeraj spektralnih linija Cd II*, Magistarski rad, Fizički fakultet, Beograd.

1019. (814) Popović, L.Č., Dimitrijević, M. S.: 1995, *The Modified Semiempirical Approach for the Stark Widths of Complex Ion Lines of Astrophysical Interest*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
1020. (815) Popović L. Č. and Dimitrijević M. S.: 1995, *Stark broadening of doubly ionized atoms: As III and Se III*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 105.
1021. (816) Popović L. Č., Jevremović D., Vince I. and Milovanov T.: 1995, *L alpha line in the Mkn335 Seyfert 1 galaxy*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 107.
1022. (817) Popović, L.Č., Vince, I., Atanacković - Vukmanović, O., Kubičela, A.: 1995, *Contribution of gravitational redshift to spectral line profiles of Seyfert galaxies and quasars*, Astron. Astrophys. 293, 309.
- 1994
Atanacković - Vukmanović, O., Popović, L.Č., Vince, I., Kubičela, A.: 1994, Bull. Astron. Belgrade, 150, 1.
Popović, L.Č., Vince, I., Kubičela, A., Atanacković - Vukmanović, O., Samurović, S.: 1994, Bull. Astron. Belgrade, 149, 9.
- 1995
Popović L. Č., Jevremović D., Vince I. and Milovanov T.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 107.
1023. (818) Popović L. Č., Vince I., Jankov S., Djurašević G., Atanacković - Vukmanović O. and Jevremović D.: 1995, *Analyzis of the MgII h spectral line shapes in HR7275 and IM Peg*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 111.
1024. (819) Purić J.: 1995, *Stark broadening of spectral lines in plasmas*, Scientific Review, Series: Science and Engineering, 14, 49.
1025. (820) Purić J.: 1995, *Regularities in the Stark broadening and shift parameters of spectral lines*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 19.
1026. (821) Purić, J., Ćuk, M.: 1995, *Stark parameters regularities within spectral series of several multicharged ions*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.
1027. (822) Purić J., Milosavljević V. and Ćuk M.: 1995, *Stark broadening parameters predictions from regularities: higher members of several Li I and Rb I spectral series*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.

1028. (823) Radovanov, S. B., Olthof, J. K., Van Brunt, R. J., Djurović, S.: 1995, *Ion kinetic-energy distributions and Balmer-alpha ($H\alpha$) excitation in Ar- H_2 radio-frequency discharges*, J. Appl. Phys. **78**, 746.
1029. (824) Savić, I.: 1995, *Uticaj dinamike jona na pomeraj spektralnih linija neutralnog helijuma u plazmi*, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
1030. (825) Skuljan Lj., Bukvić S. and Djeniže S.: 1995, *Measured Stark width of the 324.75 nm Cu I resonance spectral line*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 127.
1996
Dimitrijević, M.S., Il'in, G.G., Sarandaev, E.V., Salakhov, M.Kh.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 283.
1031. (826) Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, *Stark widths of Fe I and Ni I spectral lines*, Bull. Astron. Belgrade, **152**, 17.
1996
Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 147.
1032. (827) Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, *Measured Stark widths of a 425.94 nm Ar I spectral line*, Bull. Astron. Belgrade, **151**, 17.
1033. (828) Stefanović, I, Ivković, M., Konjević, N.: 1995, *Experimental Study of the Influence of Ion-Dynamics to the Shape of He II P alpha and P beta Lines*, Physica Scripta **52**, 178.
1995
Stehle, C.: 1995, Line shapes in astrophysics, in Spectral Line Shapes **8**, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 36.
1996
Stehle, C.: 1996, *Paschen Lines of Hydrogen and He⁺ Ion*, Physica Scripta, **T65**, 183.
1997
Meftah, T., Alexiou, S., Calisti, A., Godbert, L., Stamm, R., Talin, B.: 1997, *The Frequency Fluctuation Model applied to the hydrogen-like helium Paschen-alpha line*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proceedings **386**, Woodbury, New York, 31.

1034. (829) Šišović N., Videnović I., Kuraica M., Miljević V. and Konjević N.: 1995, *Light source for the study of neutral gas pressure broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 131.
1035. (830) Terzić M. and Pavlov M.: 1995, *A simple correction of low n Balmer line intensities for boundary layer influence in small T-tube plasmas*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 135.
1036. (831) Todorović-Vasović, N.K.: 1995, *Analiza uprošćenog semiklasičnog prilaza za proračun parametara Štarkovog širenja spektralnih linija neutralnih atoma*, Magistarski rad, Fizički fakultet, Beograd.
1990
Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London
1037. (832) Videnović I., Kuraica M. and Konjević N.: 1995, *The use of atomic hydrogen line shapes for abnormal glow discharge diagnostics*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 139.
1996
Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beograda, Fizički fakultet, Beograd.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.
Videnović, I.R., Kuraica, M.M., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 89.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Experimental testing of the cathode fall region theories*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 379.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 375.

1038. (833) Vince I., Popović L. Č., Jankov S., Djurašević G., Atanacković-Vukmanović O. and Jevremović D.: 1995, *On inverse methods used at Belgrade Observatory for analysis of spectral line shapes*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 21.
- 1995
- Popović L. Č., Jevremović D., Vince I. and Milovanov T.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 107.
- Popović L. Č., Vince I., Jankov S., Djurašević G., Atanacković - Vukmanović O. and Jevremović D.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 111
1039. (834) Vujičić, B., Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R.: 1994/1995, *The red shift of the H beta line from magnetized moving plasmas*, Faculty of sciences - University of Novi Sad, Review of Research, 24/25, 1.
- 1996
1040. (835) Banjac, O.: 1996, *Postavka sistema za snimanje linija argona iz stabilisanog električnog luka*, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Institut za fiziku.
1041. (836) Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Plasma Broadening of Spectral Lines Along Isoelectronic Sequences of Lithium and Boron*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.
1042. (837) Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Plasma Broadening of Spectral Lines Along the Isoelectronic Sequences of Beryllium*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-15.
1043. (838) Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Plasma broadening and shifting of spectral lines along the isoelectronic sequence of Boron*, Phys.Rev. E, 54, 743.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

1997

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.

1044. (839) Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Stark broadening of spectral lines along the isoelectronic sequence of lithium and beryllium*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.
1045. (840) Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Stark broadening of spectral lines along the isoelectronic sequence of boron*, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 132.
1046. (841) Dimitrijević, M.S.: 1996, *A programme to provide Stark broadening data for stellar and laboratory plasma investigations*, Zh. Prikl. Spektrosk. 63, 810.

1996

- Dimitrijević, M.S., Min'ko, L.Ya.: 1996, I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 19.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 97.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Zh. Prikl. Spektrosk. 63, 853.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 31.
1047. (842) Dimitrijević, M.S.: 1996, *How Critically Select Theoretical Stark Broadening Data Needed for the Investigation of Astrophysical, Laboratory and Laser Produced Plasmas*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 17.
1048. (843) Dimitrijević, M.S., Djeniže, S., Srećković, A., Platiša, M.: 1996, *On the S III and S IV Spectral Lines Stark Broadening Parameters*, Physica Scripta 53, 545.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.

Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, J.Phys.B **29**, 429.

1049. (844) Dimitrijević, M.S., Il'in, G.G., Sarandaev, E.V., Salakhov, M.Kh.: 1996, *The estimation of Stark broadening parameters for the spectral lines of neutral copper atoms*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 283.

1050. (845) Dimitrijević, M.S., Min'ko, L.Ya.: 1996, *Sovremennoe Sostoyanie Teorij i Eksperimenta po Ushireniju Spektral'nykh linij Primenitel'no k Diagnostike Laboratornoj Plazmy*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 19.

1051. (846) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. XIII. C V and P V*, Astron. Astrophys. Suppl. Series **115**, 351.

1995

Dimitrijević M. S. and Sahal-Bréchet S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade **50**, 51.

1996

Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.

Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.

1052. (847) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Stark broadening of solar Mg I lines*, Astron. Astrophys. Suppl. Series, **117**, 127.

1994

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, Bull. Astron. Belgrade **149**, 31.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1994, Bull. Astron. Belgrade **150**, 47.

1995

Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

- Dimitrijević, M.S., Sahal-Bréchet, S.: 1995, in *Laboratory and Astronomical High Resolution Spectra*, eds. A.J. Sauval, R.Blomme, N.Grevesse, ASP Conference Series, 81, 242.
- 1996
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Physica Scripta*, 54, 50.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, in *Cool Stars Stellar Systems and the Sun*, 9th Cambridge Workshop, ASP Conference Series, eds. R. Pallavicini, A.K. Dupree, 109, 125.
- Popović, L.Č., Dimitrijević, M. S.: 1996, *Proc. XI Nat. Conf. Yug. Astron.*, eds. M. Vukićević-Karabin, Z. Knežević, *Publ. Astron. Obs. Belgrade* 54, 39.
1053. (848) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Be III Stark broadening data for the investigation of subphotospheric layers*, 8th European Meeting on Solar Physics, Solar and Heliospheric Plasma Physics, Final Programme and Abstracts, ed. C.E. Alissandrakis, Thessaloniki, 10.
1054. (849) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark Broadening Data for the Conditions of Carbon Star Plasma*, IAU Symp. 177 *The Carbon Star Phenomenon* (ed. R.F.Wing), Antalya, B-6.
1055. (850) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark Broadening of Li II Spectral Lines*, *Physica Scripta*, 54, 50.
- 1995
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Proc. of the First Hungarian-Yugoslav Astronomical Conference*, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, 49, 139.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1995, *Bull. Astron. Belgrade*, 151, 115.
- 1996
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, *Phys.Rev. E*, 54, 743.
- Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* 63, 810.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *XVIII Symp. Phys. Ioniz. Gases*, Kotor, 548.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, 8th European Meeting on Solar Physics, Solar and Heliospheric Plasma Physics, Final Programme and Abstracts, ed. C.E. Alissandrakis, Thessaloniki, 10.

- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Astron. Astrophys. Suppl. Series*, **119**, 369.
- 1997
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, **122**, 163.
1056. (851) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Electron - Impact Broadening of Neutral Strontium Lines in Stellar and Laboratory Plasmas*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 97.
1057. (852) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening parameter tables for Sr I*, Bull. Astron. Belgrade, **153**, 89.
- 1996
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **153**, 101.
1058. (853) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening parameter tables for Be III and B III*, Bull. Astron. Belgrade, **153**, 101.
1059. (854) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening parameter tables for Ba I and Ba II*, Bull. Astron. Belgrade, **154**, 61.
1060. (855) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening parameter tables for Se I*, Bull. Astron. Belgrade, **154**, 85.
1061. (856) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening parameter tables for P IV*, Bull. Astron. Belgrade, **154**, 91.
1062. (857) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadening of Sr I spectral lines*, *Astron. Astrophys. Suppl. Series*, **119**, 529.
- 1996
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **153**, 89.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 97.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **153**, 101.
1063. (858) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of B III spectral lines*, XIII ICSSL, Firenze, Consiglio Nazionale delle Ricerche, B-8.

1064. (859) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of Mg II spectral lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-26.
1065. (860) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. XIV. Be III and B III*, Astron. Astrophys. Suppl. Series, **119**, 369.
1996
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **153**, 101.
1066. (861) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Stark broadened line profiles of neutral Strontium lines in stellar plasma conditions*, IAU Symposium 180, Planetary Nebulae, Groningen 26 - 30 August 1996, Abstract Booklet, 31.
1067. (862) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of P IV spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
1068. (863) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of Ba II spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 548.
1069. (864) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *Stark broadening of Se I spectral lines*, Zh. Prikl. Spektrosk. **63**, 853.
1996
Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade **54**, 31.
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, **154**, 85.
1070. (865) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of Se I spectral lines*, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade **54**, 31.
1071. (866) Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of Ba I spectral lines*, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade **54**, 63.
1072. (867) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of Mg I spectral lines important for solar and stellar spectra investigations*, in Cool Stars Stellar Systems and the Sun, 9th Cambridge Workshop, ASP Conference Series, eds. R. Pallavicini, A. K. Dupree, **109**, 125.
1073. (868) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *Electron-impact broadening of Mg II lines for solar and stellar atmospheres investigations*, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 73.

1074. (869) Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, *On the Stark broadening of C V lines in stellar atmospheres*, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.
1075. (870) Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.: 1996, *Stark widths of doubly ionized argon spectral lines*, J.Phys.B 29, 429.
1996
Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
Srećković, A., Bukvić, S., Djeniže, S.: 1996, XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 43.
1076. (871) Djeniže, S., Labat, J.: 1996, *On the Stark Width Regularities Along a Sodium Like Isoelectronic Sequence*, Proc. I Belarussian Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.
1077. (872) Djeniže, S., Labat, J.: 1996, *On the Stark width regularities along a carbon, nitrogen and oxygen isonuclear sequences*, Bull. Astron. Belgrade 153, 35.
1996
Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 267.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
1078. (873) Djeniže, S., Labat, J.: 1996, *On the Stark width regularities along a fluorine and neon isonuclear sequences*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
1079. (874) Djeniže, S., Labat, J.: 1996, *Stark widths prediction for highly ionized emitters; Na IX - Ti XX*, Bull. Astron. Belgrade 154, 17.
1080. (875) Djeniže, S., Milosavljević, V., Srećković, A., Platiša, M.: 1996, *Stark widths of doubly ionized oxygen spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 257.

1081. (876) Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, *Stark Parameters Temperature Dependence of the Ar I 425.9 nm Line*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 105.
1082. (877) Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B.T.: 1996, *Influence of Weak D.C. Magnetic Field on the H Beta Line Emitted from T-Tube Plasma*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 21.
1083. (878) Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, *Asymetry of the Balmer H beta Line in the Low DC Magnetic Field*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 109.
1084. (879) Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, *The H beta line shape in the presence of the low DC magnetic field*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 298.
1085. (880) Djurović, S., Kobilarov, R., Vujičić, B.: 1996, *Experimental difficulties in determination of the spectral line shapes emitted from plasma*, Bull. Astron. Belgrade 153, 41.
1086. (881) Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, *On the temperature dependence of the Stark broadening parameters of Ar I 425.9 nm line*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-8.
1087. (882) Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, *Stark widths and shifts of the Ar I 425.9 nm line*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 279.
1088. (883) Erkapic, S., Vince, I.: 1996, *Microturbulent sensitivity of some solar spectral lines*, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.
1089. (884) Grujić, P.V.: 1996, *Multiply-excited atoms and the line broadening*, Zh.Prikl.Spektrosk. 63, 831.
1090. (885) Kovačević, A.: 1996, *Štarkovo pomeranje nekih spektralnih linija Si I i Ni I*, Diplomski rad, Univerzitet u Beogradu, Fizički fakultet, Beograd.
1091. (886) Mijatović, Z.: 1996, *Influence of ion-dynamics on the shape of neutral atom spectral lines*, Zh.Prikl.Spektrosk. 63, 836.

1092. (887) Mijatović, Z.: 1996, *Influence of ion-dynamics on the shape of neutral helium and carbon lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 256.
 1093. (888) Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1996, *The Use of He I 447.1 nm Line for the Electron Density Determination in Plasmas*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-22.
 1094. (889) Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1996, *Plasma electron density determination using He I 447.1 nm line*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 310.
 1095. (890) Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, *Search for ion-dynamics effects on the shift and width of plasma broadened neutral atom lines*, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brilet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.
 1096. (891) Milosavljević, V.M.: 1996, *Štarkovo pomeranje i širenje spektralnih linija iz spektara jednostruko, dvostruko i trostruko jonizovanih atoma azota*, Magistarski rad, Fizički fakultet, Beograd.
 1097. (892) Milosavljević, V., Djeniže, S., Labat, J.: 1996, *Measured Stark parameters of several N IV spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 263.
 1098. (893) Milošević, M.: 1996, *Štarkovo širenje spektralnih linija Ni I i Si I*, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.
 1099. (894) Popović, L.Č.: 1996, *The Modified semiempirical approach for lines from complex spectra*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
 1100. (895) Popović, L.Č.: 1996, *SA Data Base of AGN Spectral Lines*, XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 49.
 1101. (896) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark broadening of heavy ion lines: As II, Br II, Sb II and I II*, Physica Scripta 53, 325.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.

- Popović, L.Č., Dimitrijević, M. S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 39.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series 120, 373.
1102. (897) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark widths for astrophysically important ns-np transitions in Sc II, Y II, and Zr II spectra*, Astron. Astrophys. Suppl. Series 120, 373.
1103. (898) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark broadening of Xe II lines*, Astron. Astrophys. Suppl. Series 116, 359.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
1104. (899) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark broadening of Kr II Spectral lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 139.
- 1996
Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
1105. (900) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark widths for Sc II, Y II and Zr II spectral lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, O-11
1106. (901) Popović, L.Č., Dimitrijević, M.S.: 1996, *Stark widths for 4s - 4p transitions in Zn III spectra*, 28 EGAS, Graz, EPS Conference Abstracts (ed. L.Windholz), 102.
1107. (902) Popović, L.Č., Dimitrijević, M. S.: 1996, *Stark widths of Mg III lines*, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade 54, 39.
1108. (903) Popović, L.Č., Dimitrijević, M. S.: 1996, *Stark broadening of Ge III and Ge IV lines*, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 208.
1109. (904) Purić, J.: 1996, *Regularities in the Stark broadening and shift parameters of spectral lines*, Zh.Prikl.Spektrosk. 63, 816.

1996

- Dimitrijević, M.S., Min'ko, L.Ya.: 1996, I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 19.
1110. (905) Purić, J., Milosavljević, V., Ćuk, M.: 1996, *Stark Widths Predictions from regularities for doubly-charged ion off-resonances of several heavier elements*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
1111. (906) Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, *Stark Widths and Shifts Predictions for Higher Members of Several Mg I and Mg II Spectral Lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.
1112. (907) Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1996, *Central structure of D beta line from T-tube plasmas*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 290.
1113. (908) Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1996, *Central structure of H beta line from T-tube plasmas*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 294.
1114. (909) Simonneau, E., Atanacković-Vukmanović, O.: 1996, *Solution of line formation problem by use of iteration factors*, Zh. Prikl. Spektrosk. 63, 846.
1115. (910) Srećković, A., Djeniže, S., Bukvić, S.: 1996, *On the NaI-D Spectral Lines Stark Shifts*, Physica Scripta 53, 54.
1116. (911) Srećković, A., Bukvić, S., Djeniže, S.: 1996, *Measured Stark Parameters of the Ni I 397.356 nm Spectral Line*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
1117. (912) Srećković, A., Bukvić, S., Djeniže, S.: 1996, *Stark widths of several Ar III spectral lines*, XI Nat. Conf. Yug. Astron., eds. M. Vukićević - Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 43.
1118. (913) Šišović N., Kuraica M., Videnović I., Miljević V. and Konjević N.: 1996, *Hydrogen Balmer line shapes in coaxial diode glow discharge*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 302.
1119. (914) Videnović, I.R.: 1996, *Spektroskopsko istraživanje parametara abnormalnog tinjavog praznjenja od značaja za rad lasera sa metalnim parama*, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.

1120. (915) Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *On the linear Stark spectroscopy of the cathode fall region of abnormal glow discharge in hydrogen*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 375.
1121. (916) Videnović, I.R., Kuraica, M.M., Konjević, N.: 1996, *Stark Profiles of H beta line in the Cathode Fall Region of an Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 89.
1122. (917) Vince, I.: 1996, *Long-Term Variations of Solar Spectral Lines*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 11.
1123. (918) Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

1997

1124. (919) Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, *Plasma broadening and shifting of analogous spectral lines along isoelectronic sequences*, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.
1125. (920) Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Stark broadening of Ba I and Ba II spectral lines*, Astron. Astrophys. Suppl. Series, 122, 163.
- 1996
Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 548.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 63.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 1996, Bull. Astron. Belgrade, 153, 101.
1126. (921) Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *On the Stark Broadening of B III spectral lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.

1127. (922) Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *On the Stark Broadening of Mg II spectral lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 149.

III. APPENDIX - PRILOG

III. 1. Articles with 25 or more citations

Članci koji su 25 ili više puta citirani

	No of citations Broj citata
1. Konjević, N., Labat, J., Ćirković, Lj., Purić, J.: 1970, Z. Physik 235, 35.	52
2. Konjević, N., Mitrović, V., Ćirković, Lj., Labat, J.: 1970, Fizika, 2, 129.	28
3. Konjević, N., Purić, J., Ćirković, Lj., Labat, J.: 1970, J. Phys. B 3, 999.	32
4. Konjević, N., Platiša, M., Purić, J.: 1971, J. Phys. B 4, 1541.	45
5. Platiša, M., Purić, J., Konjević, N., Labat, J.: 1971, Astron. Astrophys, 15, 325.	26
6. Purić, J., Platiša, M., Konjević, N.: 1971, Z. Physik 247, 216.	32
7. Purić, J., Konjević, N.: 1972, Z. Physik 249, 440.	95
8. Hadžiomerspahić, D., Platiša, M., Konjević, N., Popović, M.: 1973, Z. Physik 262, 169.	55
9. Labat, J., Djeniže, S., Ćirković, Lj., Purić, J.: 1974, J. Phys. B 17, 1174.	29
10. Purić, J., Djeniže, S., Labat, J., Ćirković, Lj.: 1974, Z. Physik 267, 71.	46
11. Niemax, K., Pichler, G.: 1975, J. Phys B 8, 179.	50
12. Platiša, M., Popović, M., Dimitrijević, M., Konjević, N.: 1975, Z. Naturforsch. A 30, 212.	50
13. Platiša, M., Popović, N., Konjević, N.: 1975, Astron. Astrophys. 45, 325.	45
14. Popović, M. V., Platiša, M., Konjević, N.: 1975, Astron. Astrophys. 41, 463.	54
15. Konjević, N., Roberts, J. R.: 1976, J. Phys. Chem. Ref. Dat 5, 209.	194
16. Konjević, N., Wiese, W., L.: 1976, J. Phys. Chem. Ref. Data 5, 259.	197
17. Movre, M., Pichler, G.: 1977, J. Phys. B, 10, 2631.	78
18. Platiša, M., Dimitrijević, M., Popović, M., Konjević, N.: 1977, Astron. Astrophys. 54, 837.	41
19. Platiša, M., Dimitrijević, M. S., Popović, M., Konjević, N.: 1977, J. Phys. B 10, 2997.	28
20. Purić, J., Labat, J., Ćirković, Lj., Lakićević, I., Djeniže, S.: 1977, J. Phys, B 10, 2375.	58
21. Purić, J., Dimitrijević, M. S., Lakićević, I. S.: 1978, Phys. Lett. A 67, 189.	39
22. Niemax, K., Movre, M., Pichler, G.: 1979, J. Phys. B, 12, 3503.	27

	No of citations Broj citata
23. Platiša, M., Popović, M., Dimitrijević, M. S., Konjević, N.: 1979, JQSRT, 22, 333.	26
24. Dimitrijević, M. S., Konjević, N.: 1980, JQSRT 24, 451.	230
25. Movre, M., Pichler, G.: 1980, J. Phys. B, 13, 697.	32
26. Purić, J., Lakićević, I., Glavonjić, V.: 1980, Phys. Lett. 76 A, 128.	54
27. Miller, M. H., Lesage, A., Purić, J.: 1980, Astrophys. J. 239, 410.	29
28. Movre, M., Pichler, G.: 1980, J. Phys. B, 13, 697.	46
29. Veža, D., Rukavina, J., Movre, M., Vujnović, V., Pichler, G.: 1980, Opt. Commun. 34, 77.	31
30. Dimitrijević, M. S., Feautrier, N., Sahal-Bréchet, S.: 1981, J. Phys. B, 14, 2559.	43
31. Dimitrijević, M. S., Konjević, N.: 1981, Astron. Astrophys., 102, 93.	34
32. Dimitrijević, M. S., Konjević, N.: 1981, JQSRT, 25, 387.	24
33. Dimitrijević, M. S., Konjević, N.: 1981, in Spectral Line Shapes, ed. B. Wende, W. de Gruyter, Berlin, New York, 211.	107
34. Konjević, N., Dimitrijević, M. S.: 1981, in Spectral Line Shapes, ed. B. Wende, W. de Gruyter, Berlin, New York 241.	39
35. Dimitrijević, M. S.: 1982, Astron. Astrophys. 112, 251.	40
36. Wiese, W. L., Konjević, N.: 1982, JQSRT 28, 185.	78
37. Dimitrijević, M. S., Konjević, N.: 1983, JQSRT 30, 45.	41
38. Lesage, A., Rathore, B. A., Lakićević, I. S., Purić, J.: 1983, Phys. Rev. A 28, 2264.	43
39. Pichler, G., Milošević, S., Veža, D., Beuc, R.: 1983, J. Phys. B, 16, 4619.	38
40. Dimitrijević, M. S., Sahal-Bréchet, S.: 1984, JQSRT 31, 301.	143
41. Dimitrijević, M. S., Sahal-Bréchet, S.: 1984, Astron. Astrophys., 136, 289.	36
42. Konjević, N., Dimitrijević, M. S., Wiese, W. L.: 1984, J. Phys. Chem. Ref. Data 13, 619.	100
43. Konjević, N., Dimitrijević, M. S., Wiese, W. L.: 1984, J. Phys. Chem. Ref. Data 13, 649.	97
44. Dimitrijević, M. S., Sahal-Bréchet, S.: 1985, JQSRT 34, 149.	42
45. Dimitrijević, M. S.: 1985, Astron. Astrophys., 145, 439.	28
46. Purić, J., Čuk, M., Lakićević, I. S.: 1985, Phys. Rev. A 32, 1106.	46

47. Vince, I., Dimitrijević, M. S., Kršljanin, V.: 1985, in *Progress in Stellar Spectral Line Formation Theory*, eds. J. Beckman, L. Crivellari, D. Reidel P. C., Dordrecht, Boston, Lancaster, 373. 35
48. Vince, I., Dimitrijević, M. S., Kršljanin, V.: 1985, in *Spectral Line Shapes III*, ed. F. Rostas, W. de Gryuter, Berlin, New York, 649. 25
49. Dimitrijević, M. S., Kršljanin, V.: 1986, *Astron. Astrophys.* 165, 269. 57
50. Dimitrijević, M. S., Konjević, N.: 1986, *Astron. Astrophys.* 163, 297. 80
51. Pichler, G., Bahns, J. T., Sando, K. M., Stwalley, W. C., Konowalow, D. D., Li, L., Field, R. W., Müller, W.: 1986, *Chem. Phys. Lett.*, 129, 425. 37
52. Pittman, T. L., Konjević, N.: 1986, *JQSRT* 35, 247. 31
53. Purić, J., Djeniže, S., Srećković, A., Labat, J., Ćirković, Lj.: 1987, *Phys. Rev. A*, 35, 2111. 52
54. Purić, J., Srećković, A., Djeniže, S., Platiša, M.: 1987, *Phys. Rev. A*, 36, 3957. 45
55. Dimitrijević, M. S., Konjević, N.: 1987, *Astron. Astrophys.* 172, 345. 77
56. Konjević, N., Pittman, T.L.: 1987, *JQSRT*, 37, 311. 28
57. Dimitrijević, M. S.: 1987, *Astron. Astrophys. Suppl. Series*, 76, 53. 48
58. Djeniže, S., Srećković, A., Milosavljević, M., Labat, O., Platiša, M., Purić, J.: 1988, *Z. Phys. D*, 9, 129. 32
59. Purić, J., Djeniže, S., Srećković, A., Ćuk, M.: 1988, *Z. Phys. D*, 8, 348. 28
60. Purić, J., Djeniže, S., Labat, J., Platiša, M., Srećković, A., Ćuk, M.: 1988, *Z. Phys. D*, 10, 431. 26
61. Purić, J., Djeniže, S., Srećković, A., Ćuk, M.: 1988, *Fizika*, 20, 485. 26
62. Lanz, T., Dimitrijević, M. S., Artru, M. C.: 1988, *Astron. Astrophys.* 192, 299. 57
63. Purić, J., Djeniže, S., Srećković, A., Platiša, M., Labat, J.: 1988, *Phys. Rev. A*, 37, 498. 45
64. Kobilarov, R., Konjević, N., Popović, M.V.: 1989, *Phys.Rev.A*, 40, 3871. 39
65. Djenize, S., Srećković, A., Labat, J., Konjević, R., Popović L.Č.: 1991, *Phys. Rev. A*, 44, 410. 33
66. Djenize, S., Srećković, A., Platiša, M., Konjević, R., Labat, J., Purić, J.: 1990, *Phys. Rev. A*, 42, 2379. 25
67. Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Astron. Astrophys. Suppl. Series*, 82, 519. 37
68. Konjević, N., Wiese, W.L.: 1990, *J.Phys.Chem.Ref.Data* 19, 1307. 78

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69. Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, Astron. Astrophys. Suppl. Series, 93, 359.	36
70. Glenzer, S., Uzelac, N.I., Kunze, H. J.: 1992, Phys.Rev.A, 45, 8795.	26
71. Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, Astron. Astrophys. Suppl. Series, 95, 109.	37
72. Dimitrijević, M. S., Sahal-Bréchet, S. Bommier, V.: 1991, Astron. Astrophys. Suppl. Series, 89, 581.	88

III. 2. Yugoslav scientists - Jugoslovenski istraživači

Name Ime	First paper Prvi članak	Last paper Zadnji članak	No. of papers Br. članaka
Acinger, K.:	1970	1972	3
Arsenijević, J.:	1987	1993	6
Atanacković-Vukmanović, O.:	1985	1996	27
Azinović, D.:	1989	1990	2
Beuc, R.:	1980	1989	23
Bajin, I.:	1993	1993	1
Bajović, S. V.:	1993	1993	1
Banjac, O.:	1995	1995	1
Blagojević, B.:	1994	1997	14
Bojović, V.:	1971	1971	1
Bosanac, S.:	1982	1987	4
Božin, J.:	1992	1992	1
Brnović, M. J.:	1992	1992	2
Bukvić, S.:	1992	1996	12
Bzenić, S.:	1990	1992	3
Cekić, M.:	1983	1984	4
Čelebonović, V.:	1982	1982	1
Čerić, V.:	1974	1974	2
Čirković, Lj.:	1968	1987	38
Ćuk, M.:	1980	1996	35
Cupać, S.:	1991	1991	1
Dimitrijević, M. S.:	1974	1997	378
Djeniže, S.:	1973	1996	87
Djurašević, G.:	1995	1995	2
Djurić, Z.:	1988	1994	5
Djurović, S.:	1975	1997	46
Džimberg-Malčić, V.:	1981	1990	3
Erkapić, S.:	1989	1996	13
Fijan, D.:	1987	1989	8
Francuski, T.:	1989	1989	1
Glavonjić, V.:	1978	1981	6
Gnjatović, S.:	1991	1991	1
Grubor, D. P.:	1973	1981	3

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Grujić, P.:	1970	1996	14
Hadžiomerspahić, D.:	1972	1973	3
Henč-Bartolić, V.:	1988	1990	2
Istrefi, L.:	1981	1991	6
Ivković, M.:	1993	1996	10
Jankov, S.:	1985	1995	7
Jelenković, B.:	1990	1992	4
Jevremović, D.:	1993	1995	8
Jovičić, Z.:	1991	1991	1
Kajzer, M.:	1978	1978	1
Karabin, M.:	1987	1992	3
Kljajić, S.:	1989	1989	1
Knežević, V.:	1978	1978	1
Kobilarov, R.:	1982	1997	46
Koković, M.:	1975	1975	1
Koledin, D.:	1979	1979	1
Konjević, N.:	1969	1997	188
Konjević, R.:	1985	1995	13
Kostić, B.:	1977	1977	1
Kovačević, A.:	1996	1996	1
Kršljanin, V.:	1984	1993	45
Kubičela, A.:	1986	1996	16
Kuraica, M.:	1990	1996	10
Labat, J. M.:	1968	1996	76
Labat, O.:	1980	1991	10
Lakićević, I. S.:	1973	1985	57
Logožar, R.:	1988	1988	2
Lokner, V.:	1980	1983	2
Malešević, M. M.:	1988	1988	1
Malešević, Z.:	1989	1989	1
Manola, S.:	1982	1989	6
Marić, Z.:	1976	1976	1
Marinković, M.:	1991	1991	1
Marinković, M. D.:	1964	1964	1

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Name Ime	First paper Prvi članak	Last paper Zadnji članak	No. of papers Br. članaka
Marković-Kršljanin, S.:	1990	1991	2
Mendaš, I.:	1993	1993	1
Mićunović, J.:	1974	1974	1
Mihajlov, A. A.:	1983	1994	11
Mijatović, Z.:	1987	1997	45
Mijović, S.:	1986	1988	3
Miler, D.:	1970	1973	3
Miljević, V.:	1995	1997	2
Milosavljević, M.:	1987	1996	7
Milosavljević, V.:	1994	1996	3
Milošević, S.:	1981	1990	32
Milošević, Z.:	1976	1976	1
Mišković, A.:	1994	1994	1
Mitrović, V.:	1970	1971	2
Milovanov T.:	1995	1995	1
Modrič, D.:	1986	1990	8
Movre, M.:	1976	1990	44
Nikolić, B.:	1991	1995	2
Nikolić, D.:	1993	1994	2
Palle, M.:	1986	1986	1
Panić, K.:	1980	1980	1
Panić, Z.:	1991	1991	1
Pantelić, D.:	1989	1989	1
Pavlov, M.:	1968	1996	30
Paunović, D. R.:	1990	1990	1
Pavlović, M. S.:	1991	1991	1
Pavlović, N. Z.:	1991	1991	1
Petrović, Z. Lj.:	1990	1992	3
Pichler, G.:	1970	1991	113
Pivalica, S.:	1991	1993	3
Platiša, M.:	1970	1996	65
Popović, L. Č.:	1991	1996	45
Popović, M. M.:	1973	1992	11
Popović, M. V.:	1972	1997	33

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Popović, S.:	1975	1975	1
Pružljanin, G.:	1993	1993	1
Purić, J. M.:	1968	1996	136
Racković, I.:	1990	1990	1
Radivojević, D.:	1970	1971	2
Radovanov, S.:	1990	1995	3
Radujkov, V.:	1975	1986	4
Rathore, B.:	1982	1987	16
Rukavina, J.:	1980	1980	1
Ruždjak, V.:	1974	1987	8
Savić, I.:	1995	1996	6
Šćepanović, M.:	1994	1994	2
Šišović, N.:	1995	1996	2
Škovrlj, Lj. .	1978	1991	3
Skuljan, J.:	1990	1996	6
Skuljan, Lj.:	1993	1995	9
Sotirovski, P.:	1987	1992	2
Spasojević, Dj.:	1994	1994	1
Srećković, A.:	1986	1996	68
Stanković, D.:	1990	1990	1
Stanković, N.:	1991	1991	1
Stefanović, I. M.:	1990	1995	8
Stevan ov, M.:	1996	1996	2
Šternberg, Z. W.:	1978	1978	1
Stojanović, V.:	1992	1992	1
Stokić, Z.:	1992	1992	1
Sušić, R.:	1973	1973	1
Terzić, M.:	1975	1987	5
Urošević, V.:	1973	1973	1
Todorović-Vasović, K. N.:	1991	1995	4
Tonejc, A.:	1970	1972	5
Uzelac, N. I.:	1985	1993	17
Vadla, Č.:	1972	1986	19
Velikić, Z. B.:	1991	1991	1

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Name Ime	First paper Prvi članak	Last paper Zadnji članak	No. of papers Br. članaka
Veža, D.:	1978	1990	49
Videnović, I.:	1995	1996	6
Vince, I.:	1983	1996	50
Vrhovac, S.:	1991	1992	2
Vujičić, B. T.:	1982	1996	27
Vujković-Cvijin, P.:	1993	1993	1
Vujnović, V.:	1962	1991	19
Vujović, O.:	1974	1974	1
Vukičević, D.:	1983	1985	3
Zumbulović, Lj.:	1994	1994	1

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- Stefanović, I. M.: 749, 864, 924, 951, 1007, 1033.
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- Videnović, I.: 1034, 1037, 1118-1121.

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Vince, I.: 368-370, 441, 504, 558, 795-797, 840, 841, 851-853, 860, 882, 887, 916, 919, 921, 922, 939, 941, 942, 998, 999, 1003, 1004, 1021-1023, 1038, 1088, 1122, 1123.

Vitel, Y.: 559.

Vrhovac, S. B.: 704.

Vujičić, B. T.: 371, 383, 587, 612, 838, 847, 887, 918, 952, 995, 996, 1039, 1082-1085.

Vujković-Cvijin, P.: 886.

Vujnović, V.: 46, 648.

Wells, W.-K.: 886.

Wiese, W. L.: 92, 108, 145, 154, 264, 310, 311, 471, 667, 799.

Windholz, L.: 752, 753.

Woerdman, J. P.: 552.

Zerza, G.: 753.

Zumbulović, Lj.: 953.

III. 4. Abbreviations - Skraćenice

AIAAJ - American Institute of Aeronautics and Astronautics Journal
AIP - American institute of Physics
Ann. Phys. Suppl. - Annales de Physique Supplement
CCP/7 - Collaborative Computational Project No 7
CDS - Centre des Données Stellaires
C. R. H. Acad. Sci. - Comptes Rendus Hebdomadaires de l'Académie des Sciences
DIAM - Dynamique des Ions, Atomes et Molécules
ECAMP - European Conference on Atomic and Molecular Physics
ECAP - European Conference on Atomic Physics
ECR - Electron Cyclotron Resonance
EGAS - European Group for Atomic Spectroscopy
ERAM - European Regional Astronomy Meeting
ERMA - European Regional Meeting on Astronomy
ESCAMPIG - European Study Conference on Atomic and Molecular Physics of Ionized Gases
ETF - Elektrotehnički fakultet
IAU - International Astronomical Union
ICPIG - International Conference on the Physics of Ionized Gases
ICSLS - International Conference on Spectral Line Shapes
IVTAN - Institut Vysokikh Temperatur Akademii Nauk
JETP - Journal of Experimental and Theoretical Physics
JQSRT - Journal of Quantitative Spectroscopy and Radiative Transfer
LGU - Leningradskij Gosudarstvenij Universitet
(Kongres) MFAJ - (Kongres) Matematičara fizičara i astronoma Jugoslavije
NBS - National Bureau of Standards
NIST - National Institute of Standards and Technology
PMF - Prirodno-matematički fakultet
Sing. J. Phys. - Singaporean Journal of Physics
SPIG - Symposium on the Physics of the Ionized Gases
Z. Naturforsch. - Zeitschrift für Naturforschung
Z. Physik - Zeitschrift für Physik

№ 1 (1947)

ЕФЕМЕРИДЕ 98 МАЛИХ ПЛАНЕТА ЗА 1947 ГОДИНУ
ÉPHÉMÉRIDES DE 98 DES PETITES PLANÈTES POUR L'AN 1947

№ 2 (1947)

ЕФЕМЕРИДЕ 106 МАЛИХ ПЛАНЕТА ЗА 1948 ГОДИНУ
ÉPHÉMÉRIDES DE 106 DES PETITES PLANÈTES POUR L'AN 1948

№ 3 (1949)

ЕФЕМЕРИДЕ 106 МАЛИХ ПЛАНЕТА ЗА 1949 ГОДИНУ
ÉPHÉMÉRIDES DE 106 DES PETITES PLANÈTES POUR L'AN 1949

№ 4 (1951)

P. M. Djurković, B. M. Ševarlić et Z. M. Brkić
ОДРЕЂИВАЊЕ ГЕОГРАФСКЕ ШИРИНЕ АСТРОНОМСКЕ
ОПСЕРВАТОРИЈЕ У БЕОГРАДУ, 1947
DETERMINATION DE LATITUDE DE L'OBSERVATOIRE ASTRONOMIQUE
DE BELGRADE, 1947

№ 5 (1957)

B. M. Ševarlić
SUR LE PROBLÈME DE LA VARIATION DES LATITUDES ET
DU MOUVEMENT DU PÔLE INSTANTANÉ DE ROTATION
À LA SURFACE DE LA TERRE

№ 6 (1961)

Ljubiša A. Mitić
COOSCILLATIONS DES PENDULES ASTRONOMIQUES

№ 7 (1961)

Zaharije M. Brkić
ПРИЛОГ ИСПИТИВАЊИМА СИСТЕМАТСКИХ УТИПАЈА
НА АСТРОНОМСКО ОДРЕЂИВАЊЕ ВРЕМЕНА
CONTRIBUTION AUX ÉTUDES DES INFLUENCES SYSTÉMATIQUES
À LA DÉTERMINATION ASTRONOMIQUE DE L'HEURE

№ 8 (1961)

B. M. Ševarlić
ПРОМЕНЕ ГЕОГРАФСКЕ ШИРИНЕ АСТРОНОМСКЕ ОПСЕРВАТОРИЈЕ
У БЕОГРАДУ ОД 1949.0 – 1957.0
VARIATIONS DE LA LATITUDE DE L'OBSERVATOIRE ASTRONOMIQUE
DE BEOGRAD DE 1949.0 – 1957.0

№ 9 (1961)

Branislav M. Ševarlić
PRILOG ISPITIVANJU PROMENA GEOGRAFSKIH ŠIRINA BEOGRADA
CONTRIBUTION A L'ETUDE DES VARIATIONS DE LA LATITUDE
DE BEOGRAD

№ 10 (1964)

Vasilije Oskanjan

THE UV CETI VARIABLE STARS

№ 11 (1965)

P. M. Djurković, M. Protić, J. Arsenijević, A. Kubičela, O. Kovačević,
R. Grujić, Lj. Dačić, M. Djokić, Č. Čepinac

OBSERVATIONS DU SOLEIL EN 1957, 1958 ET 1959

A L'OBSERVATOIRE ASTRONOMIQUE DE BEOGRAD

№ 12 (1968)

Editor : P. M. Djurković

SIMPOZIJUM ASTRONOMA JUGOSLAVIJE

POVODOM 75. GODIŠNJICE OSNIVANJA ASTRONOMSKE

OPSERVATORIJE U BEOGRADU (1887 - 1962)

№ 13 (1967)

G. Teleki

A CONTRIBUTION INTO THE RESEARCH OF ASTRONOMICAL
REFRACTION AND ITS ANOMALIES ON THE BASIS OF
AEROLOGICAL MEASUREMENTS CARRIED OUT IN BEOGRAD

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RADOVI NA ISPITIVANJU FUNDAMENTALNIH ASTROMETRIJSKIH
INSTRUMENATA, NJIHOVIH ORGANA I PRIBORA

TRAVAUX SUR L'EXAMEN DES INSTRUMENTS ASTROMETRIQUES
FONDAMENTAUX, DE LEUR ORGANES ET ACCESSOIRES

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Aleksandar Kubičela

UNE MODIFICATION DU SPECTROGRAPHE CHROMOSPHERIQUE
A PLAQUE MOBILE

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RADOVI PRIKAZANI NA IV KONGRESU

MATEMATIČARA, FIZIČARA I ASTRONOMA, OKTOBRA 1965 U SARAJEVU

№ 17 (1972)

Sofija N. Sadžakov, Dušan P. Šaletić

CATALOGUE OF DECLINATIONS OF THE LATITUDE
PROGRAMME STARS (KŠZ)

№ 18 (1974)

Editor : G. Teleki

THE PRESENT STATE AND FUTURE OF THE ASTRONOMICAL
REFRACTION INVESTIGATIONS

Proceedings of the Study Group on Astronomical Refraction
of the International Astronomical Union Commission 8

№ 19 (1974)

Georgije M. Popović

THE FIRST GENERAL CATALOGUE OF DOUBLE-STAR
OBSERVATIONS MADE IN BELGRADE, 1951-1971

№ 20 (1975)

Editor : Dj. Teleki

ZBORNİK RADOVA NACIONALNE KONFERENCIJE
JUGOSLOVENSKIH ASTRONOMA – 1973, BEOGRAD
PROCEEDINGS OF THE NATIONAL CONFERENCE
OF YUGOSLAV ASTRONOMERS – 1973, BELGRADE

№ 21 (1975)

S. Sadžakov, D. Šaletić

DECLINATIONS AND THE PROPER MOTIONS OF THE STARS
OF THE INTERNATIONAL LATITUDE SERVICE ON THE BASIS
OF MERIDIAN CATALOGUES FROM 1929 TO 1972.

№ 22 (1975)

Ivan Pakvor

ISPITIVANJE NAGLAVAKA VELIKOG PASAŽNOG INSTRUMENTA
ASTRONOMSKE OPSERVATORIJE U BEOGRADU
PIVOT-EXAMINATIONS OF BELGRADE OBSERVATORY'S
LARGE TRANSIT INSTRUMENT

№ 23 (1975)

Lj. A. Mitić

PRIPREMNI RADOVI NA VELIKOM PASAŽNOM INSTRUMENTU
BEOGRADSKE OPSERVATORIJE
PREPARATION OF THE LARGE TRANSIT INSTRUMENT OF THE
BELGRADE OBSERVATORY FOR REGULAR OBSERVATION

№ 24 (1978)

Sofija N. Sadžakov

IZVEDENI KATALOG ŠIRINSKIH ZVEZDA (IKŠZ)
GENERAL CATALOGUE OF LATITUDE STARS (IKŠZ)

№ 25 (1978)

Danilo J. Zulević

PRILOG STATISTIČKOM ISPITIVANJU UTICAJA ODNOSA MASA
KOMPONENATA NA DINAMIČKE PUTANJSKE ELEMENTE (e , P , a)
KOD VIZUELNO DVOJNIH ZVEZDA
STATISTICAL INVESTIGATION OF THE RELATION BETWEEN THE
MASS RATIO AND THE DYNAMICAL ORBITAL ELEMENTS e , P , a
OF THE VISUAL BINARIES

№ 26 (1979)

Editor : Dj. Teleki

ZBORNIK RADOVA III NACIONALNE KONFERENCIJE
JUGOSLOVENSKIH ASTRONOMA, BEOGRAD, 1977.
PROCEEDINGS OF THE III NATIONAL CONFERENCE
OF YUGOSLAV ASTRONOMERS, BELGRADE, 1977.

№ 27 (1979)

S. N. Sadžakov

ISPITIVANJE SISTEMATSKIH GREŠAKA TIPA $\Delta\delta_\alpha$ ŠIRINSKIH
POSMATRANJA RAZNIH OPSERVATORIJA NA OSNOVU NJIHOVOG
UPOREDJIVANJA SA BEOGRADSKIM IZVEDENIM KATALOGOM
ŠIRINSKIH ZVEZDA I FOTOGRAFSKIM KATALOGOM AGK3

INVESTIGATION OF THE SYSTEMATIC $\Delta\delta_\alpha$ - TYPE ERRORS IN LATITUDE
OBSERVATIONS OF VARIOUS OBSERVATORIES BY THEIR COMPARISON
WITH BELGRADE GENERAL CATALOGUE OF LATITUDE STARS AND THE
PHOTOGRAPHIC CATALOGUE AGK3

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Jelisaveta Arsenijević

POLARIZACIJA ZRAČENJA NEKIH HLADNIH SUPERDŽINOVA

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Editors : G. Teleki, B. Ševarlić

EPITOME FUNDAMENTORUM ASTRONOMIAE, Pars II
Photographic Catalogues and Charts of Star Positions

№ 30 (1981)

S. N. Sadžakov, D. P. Šaletić, M. D. Dačić

KATALOG ZVEZDA PROGRAMA SFZT
CATALOGUE OF NPZT PROGRAMME STARS

№ 31 (1981)

ASTROKLIMATSKA ISTRAŽIVANJA ZA IZBOR MESTA VISINSKE STANICE
ASTRONOMSKE OPSERVATORIJE U BEOGRADU
ASTROCLIMATIC EXPLORATIONS FOR SITE SELECTION OF THE HIGH
ALTITUDE STATION OF THE BELGRADE OBSERVATORY

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MERKUROVI PROLAZI I PARALAKSA SUNCA
TRANSITS OF MERCURY AND SOLAR PARALLAX

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ZBORNIK RADOVA VI NACIONALNE KONFERENCIJE
JUGOSLOVENSKIH ASTRONOMA, HVAR, 1983.
PROCEEDINGS OF THE VI NATIONAL CONFERENCE
OF YUGOSLAV ASTRONOMERS, HVAR, 1983

№ 34 (1986)

Božidar Popović

EQUATIONS DES PERTURBATIONS DES ELEMENTS HELIOCENTRIQUES
VECTOIRIELS DES ORBITES DES PETITES PLANETES ET COMETES

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PROCEEDINGS OF THE WORKSHOP ON REFRACTION DETERMINATION
IN THE OPTICAL AND RADIO ASTROMETRY, LENINGRAD, USSR, 1985

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STO GODINA ASTRONOMSKE OPSERVATORIJE U BEOGRADU

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ŠTARKOV POMAK JONSKIH LINIJA KOD TOPLIH ZVEZDA
ION LINES STARK SHIFTS IN SPECTRA OF HOT STARS

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S. N. Sadžakov, M. D. Dačić

BEOGRADSKI KATALOG DVOJNIH ZVEZDA
BELGRADE CATALOGUE OF DOUBLE STARS

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ISTRAŽIVANJA OBLIKA SPEKTRALNIH LINIJA U JUGOSLAVIJI 1962 – 1985

(Bibliografija i indeks citata)

LINE SHAPES INVESTIGATIONS IN YUGOSLAVIA 1962 – 1985

(Bibliography and citation index)

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Parallaxes, Proper Motions and Radial Velocities

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(1985 – 1989)

(Bibliografija i indeks citata)

LINE SHAPES INVESTIGATIONS IN YUGOSLAVIA II (1985 – 1989)

(Bibliography and Citation Index)

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Gojko Djurašević

ISPITIVANJE AKTIVNIH TESNIH DVOJNIH SISTEMA
NA OSNOVU FOTOMETRIJSKIH MERENJA
INVESTIGATION OF ACTIVE CLOSE BINARIES
BASED ON PHOTOMETRIC MEASUREMENTS

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Astronomska opservatorija u Beogradu
AKTIVNOSTI I KRATKI SADRŽAJI RADOVA 1980 – 1990
Astronomical Observatory in Belgrade
ACTIVITIES AND ABSTRACTS OF PAPERS 1980 – 1990

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ZBORNİK RADOVA X NACIONALNE KONFERENCIJE
JUGOSLOVENSKIH ASTRONOMA. 22 – 24 SEPTEMBAR 1993
PROCEEDINGS OF THE X NATIONAL CONFERENCE
OF YUGOSLAV ASTRONOMERS, BELGRADE, SEPTEMBER 22 – 24, 1993

№ 45 (1993)

B. Jovanović, L. Djurović, M. Jovanović
HOMOGENIZOVANI SISTEM UT_{BLI} ZA PERIOD 1964 – 1986
HOMOGENEOUS SYSTEM UT_{BLI} FOR 1964 – 1986

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Luka Č. Popović
ŠTARKOVO ŠIRENJE SPEKTRALNIH LINIJA TEŠKIH JONA
U SPEKTRIMA TOPLIH ZVEZDA
STARK BROADENING OF HEAVY ION SPECTRAL LINES
IN SPECTRA OF HOT STARS

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ISTRAŽIVANJE OBLIKA SPEKTRALNIH LINIJA U JUGOSLAVIJI
I SRBIJI III (1989 – 1993)
(Bibliografija i indeks citata)
LINE SHAPES INVESTIGATIONS IN YUGOSLAVIA
AND SERBIA III (1989 – 1993)
(Bibliography and citation index)

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RESEARCHES IN ASTRONOMY I

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ASTRONOMICAL CONFERENCE
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September 11–14, 1995, Krivaja, Yugoslavia

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Астрономска Опсерваторија у Београду

АКТИВНОСТИ И КРАТКИ САДРЖАЈИ РАДОВА (1991 – 1995)

Astronomical Observatory in Belgrade

ACTIVITIES AND ABSTRACTS OF PAPERS (1991 – 1995)

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Milan S. Dimitrijević

БЕОГРАДСКА АСТРОНОМСКА ОПСЕРВАТОРИЈА У 1995

BELGRADE ASTRONOMICAL OBSERVATORY IN 1995

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SYMPOSIUM ON PHYSICS AND DIAGNOSTICS
OF LABORATORY & ASTROPHYSICAL PLASMA

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July 1 – 3, 1996, Minsk, Belarus

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№ 54 (1996)

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ЗБОРНИК РАДОВА XI НАЦИОНАЛНЕ КОНФЕРЕНЦИЈЕ
ЈУГОСЛОВЕНСКИХ АСТРОНОМА

Београд, 9 – 11, октобар 1996

PROCEEDINGS OF THE XI NATIONAL CONFERENCE
OF YUGOSLAV ASTRONOMERS

Belgrade, October 9 – 11, 1996

№ 55 (1997)

Milan S. Dimitrijević

БЕОГРАДСКА АСТРОНОМСКА ОПСЕРВАТОРИЈА У 1996

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PROCEEDINGS OF THE SECOND YUGOSLAV CONFERENCE
ON SPECTRAL LINE SHAPES

September 29 – October 2, 1997, Bela Crkva, Yugoslavia

