

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

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

- 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 YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-X</sub> and PbZrxTi<sub>1-X</sub>O<sub>3</sub>*, 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.

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

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 ICSSL, 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., Srečković, 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 YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-X</sub> and PbZrxTi<sub>1-X</sub>O<sub>3</sub>*, 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., Srečković, 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.

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

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

Cavaliere, 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

Ščepanović, 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.

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

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.

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-matematičeskikh nauk, Kazanskiy Gosudarstvennyj Universitet, Kazan.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., 32, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonornostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematičeskikh nauk, Kazanskiy 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 YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-X</sub> and PbZrxTi<sub>1-X</sub>O<sub>3</sub>*, *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 Srečković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 35.  
1996  
Srečković, 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*, Dissertaciya dlya stepeni kandidata fiziko-matematičeskikh 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 Rb<sub>2</sub> 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 Na<sub>2</sub>*, 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 Li<sub>6</sub><sup>2</sup> and Li<sub>7</sub><sup>2</sup>*, J. Chem. Phys. **103**, 7773.
- Amiot, C.: 1995, *Analysis of Spectra Obtained by Cold-Atom Photoassociation Spectroscopy - The Rb<sub>2</sub> 1G and 0(G)(-) Electronic States Up to 100 Angstroms*, Chem. Phys. Lett. **241**, 133.

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

- 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.

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

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.

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

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.

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

159. (112) Purić, J., Lakičević, 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., Lakičević, 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., Baret, 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 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.

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.ABSTRACTS, 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., 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.
- 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. 2<sup>nd</sup> 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., 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.
- 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, PDP I'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.

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

- Popović, L.Č., Dimitrijević, M.S.: 1996, *Astron. Astrophys. Suppl. Series 120*, 373.
- Popović, L.Č., Dimitrijević, M. S.: 1996, *Proc. 2<sup>nd</sup> Hellenic Astronomical Conf.*, Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 208.
- Srečković, 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*, JQSRT 54, 767.

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

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., Lakičević, 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., Lakičević, 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.

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

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., Srečković 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 ICSSL, 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.

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

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-matematičeskikh 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-matematičeskikh 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-matematičeskikh 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-matematičeskikh 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-matematičeskikh 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 zakonornostej 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.

Ščepanović, 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., Srečković, A., Labat, J.: 1991, *JQSRT*, 46, 433.

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

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

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

Dimitrijevič, 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

Dimitrijevič, 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)

Lakičević, 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., Dimitrijevič, 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. Vukičević-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)

- Lakičević, 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-matematičeskikh 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  
Azinovič, D., Milošević, S., Pichler, G.: 1995, *Photochemical Production of KCd Excimer Bands*, Chem. Phys. Lett. 233, 477.
- 1996  
Azinovič, 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.
- Azinovič, 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 Vujnovič, 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-matematičkih nauk, Kazanski Gosudarstvennyj Universitet, Kazan.

1992

- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertacija dlya stepeni kandidata fiziko-matematičkih nauk, Kazanski 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., 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, *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.

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

- 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., Srečković, 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. Vukičević-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.

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

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. 2<sup>nd</sup> 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. 2<sup>nd</sup> 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., Gvozđ, Yu.A.: 1989, *Issledovanie kriteriev spektral'noj klassifikacii i temperaturnoj shkaly spektral'nykh klassov, 2. Analiz spektral'nykh kriteriev*, Astrofizicheskie issledovaniya, Izvestiya Special'noj astrofizicheskoj opservatorii, **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. Žižnovský, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.

Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter 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-matematičeskikh 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-matematičeskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.

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

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.

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.

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 CO<sub>2</sub>-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.

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

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.

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

- 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)

- Srečković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
- 1995
- Bukvič S., Djeniže S. and Srečković A.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 35.
- Dimitrijevič, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijevič, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijevič, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijevič, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
- Srečković, A., Djeniže, S., Bukvič, S.: 1996, Physica Scripta 53, 54.
345. (240) Dimitrijevič, 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
- Dimitrijevič, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijevič, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
- Dimitrijevič, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
- Dimitrijevič, M.S., Sahal-Bréchet, S.: 1996, Physica Scripta, 54, 50.
353. (248) Lakičević, 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. Wyat, 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.

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

### 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-matematičeskikh nauk, Kazanskij Gosudarstvennyj Univerzitet, Kazan.

### 1992

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

Sarandaev, E.V.: 1992, *Issledovanie zakonornostej v povedenii Shtarkovskih parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematičeskikh 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.