

II. 3. CITATION INDEX OF ARTICLES FROM 1989--1993 PERIOD
INDEKS CITATA ČLANAKA IZ PERIODA 1989--1993

1987

617. (444) Mijatović, Z., Pavlov, M., Djurović, S.: 1987, *Asymmetry of the H beta central part measured in a T-tube*, JQSRT, 38, 209.

1990

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

1988

620. (447) Strelković, A.B.: 1988, *Ispitivanje Šarkovog širenja i pomeranja jonskih spektralnih linija u plazmi*, Doktorska disertacija, Fizički fakultet, Beograd.

1994

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

1995

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

1996

- Kovačević, A.: 1996, Univerzitet u Beogradu, Fizički fakultet, Beograd.

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

1989

621. (448) Dimitrijević, M. S.: 1989, *Classical Trajectory Method in line Shapes Investigations*, in Classical Dynamics in Atomic and Molecular Physics, eds. T. Grozdanov, P. Grujić, P. Krstić, World Scientific, Singapore, New Jersey, London, Hong Kong, 403.

- 1993
 Grabowski, B.: 1993, *Procesy i modele formowania k sztaltu linii widmowych w warunkach od chłodnego gazu do gorącej plazmy*, Plazma 93, "Badania i zastosowania plazmy", Warszawa, 1993, 26.
622. (449) Dimitrijević, M. S., Sahal-Bréchot, S.: 1989, *Tables for He I lines Stark broadening parameters*, Bull. Obs. Astron. Belgrade **141**, 57.
- 1990
 Heading, D.J.: 1990, *Helium spectral lineshapes in a dense, cool, Z-pinch plasma*, Ph.D. Thesis, Imperial College of Science, Technology and Medicine, London
- 1991
 Astashinskij, V.M., Bakanovich, G.I., Bukova, N.A., Kuz'mickij, A.M., Man'kovskij, A.A., Min'ko, L.Ya.: 1991, *Spektroskopicheskaya diagnostika plazmy kvazistacionarnogo sil'notochnogo plazmennogo uskoritelya s ispol'zovaniem primej inertnykh gazov*, Zh. Prikl. Spektrosk., 55, 337.
- 1994
 Castelli, F., Bonifacio, P., Kurucz, R.L.: 1994, *The LTE helium abundance in Vega*, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 141.
 Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
 Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.
- 1995
 Bonifacio, P., Castelli, F., Hack, M.: 1995, *The field horizontal - branch B-type star Feige 86*, Astron. Astrophys. Suppl. Series, **110**, 441
 Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I 2³P - 3³D line at high densities*, JQSRT **54**, 73.
 Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
 Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
 Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT **54**, 581.
 Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
 Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, **51**, 4891.

Milan S. Dimitrijević

- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. **63**, 836.
623. (450) Djurović, S., Konjević, N.: 1989, *Stark broadening and shift of neutral iodine lines and regularities for analogous transitions of halogene atoms*, Z. Phys. D, **11**, 113.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34.
- 625 (452) Konjević N.: 1989, *Stark broadening of multielectron atom and ion lines: present status and applications*, XIX ICPIG Invited papers, ed. V. J. Žigman, Beograd, 382.
- 1991
- Astashinskij, V.M., Bakanovich, G.I., Bukova, N.A., Kuz'mickij, A.M., Man'kovskij, A.A., Min'ko, L.Ya.: 1991, *Spektroskopicheskaya diagnostika plazmy kvazistacionarnogo sil'notochnogo plazmennogo uskoritelya s ispol'zovaniem primejey inertnykh gazov*, Zh. Prikl. Spektrosk., **55**, 337.
- Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, **46**, 433.
- 1995
- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 99.
- 1990.
627. Azinović, D., Pichler, G.: 1990, *Ultraviolet and Blue NaHg and NaCd Excimer Bands*, Appl. Phys. B, **51**, 427.
- 1994
- Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable Cd($5P^3P_J$) Level*, J. Chem. Phys. **100**, 8103.

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

631. (457) Dimitrijević, M. S.: 1990, *Line shapes investigations in Yugoslavia 1962-1985 (Bibliography and Citation Index)*, Publ. Obs. Astron. Belgrade N° 39, 1-203.
1996
Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade, 54, 39.
632. (458) Dimitrijević, M. S.: 1990, *Accuracy of line broadening data*, in Accuracy of Elemental Abundances from Stellar Atmospheres, ed. R. Wehrse, Lecture Notes in Physics N° 356, Springer Verlag, 31.
1993
Grabowski, B.: 1993, *Procesy i modele formowania k sztaltu linii widmowych w warunkach od chłodnego gazu do gorącej plazmy*, Plazma 93, "Badania i zastosowania plazmy", Warszawa, 1993, 26.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.
638. (464) Dimitrijević, M. S., Peach, G.: 1990, *Regularities and similarities of the widths of spectral lines perturbed by neutral atoms*, Astron. Astrophys. 236, 261.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
1996
Mashonkina, L.I., Bikmaev, I.F.: 1996, *Determination of Non-LTE Barium Abundances in Solar-Type Stars - A Technique for Non - LTE Calculations*, Astronomicheskij Zhurnal, 73, 109.
640. (466) Dimitrijević, M. S., Sahal-Bréchot, S.: 1990, *Stark broadening of He I lines*, Astron. Astrophys. Suppl. Series, 82, 519.

Milan S.Dimitrijević

1991

Cymbal, V.V.: 1991, *Linii He I v atmosferakh B-zvezd*, Astrofiz. issled. (Izv. SAO), 34, 113.

1994

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

Mijatović, Z., Konjević, N., Kobilarov, R., Ivković, M.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 173.

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

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

Schoening, T.: 1994, *Stark broadening of He I lines*, J. Phys. B 27, 4501.

Smith, M.A., Hubeny, I., Lanz, T., Meylan, T.: 1994, *Dynamic processes in Be star atmospheres. II. He I 2P-nD line formation in lambda Eridani (outburst)*, Astrophys.J. 432, 392.

1995

Buescher, S., Glenzer, S., Wrubel, TH., Kunze, H.-J.: 1995, *Profiles of the He I 2³P - 3³D line at high densities*, JQSRT 54, 73.

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

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

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

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

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

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

Schoening, T.: 1995, *Stark broadening of He I lines in Spectral Line Shapes 8*, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 55.

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

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

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

1996

- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, *Physica Scripta*, **54**, 50.
Djurović, S., Kobilarov, R., Vujičić, B.: 1996, *Bull. Astron. Belgrade* **153**, 41.
Israelian, G., Friedjung, M., Graham, J., Muratoio, G., Rossi, C., de Winter, D.: 1996, *The atmospheric variations of the peculiar B(e) star HD 45677 (FS Canis Majoris)*, *Astron. Astrophys.* **311**, 643.
Mijatović, Z.: 1996, *Zh.Prikl.Spektrosk.* **63**, 836.
Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S., Ivković, M.: 1996, 5th Int. Coll. on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Meudon 1995, Poster Papers, Eds. W.-Ue.L. Tchang - Brillet, J.-F. Wyrat, C.J. Zeippen, Observatoire de Paris, Meudon, 130.

Valenti, J.A., Piskunov, N.: 1996, *Spectroscopy Made Easy - A New Tool for Fitting Observations with Synthetic Spectra*, *Astron. Astrophys. Suppl. Series*, **118**, 595.

Zaharova, L.A., Ryabchikova, T.A.: 1996, *Izotop 3He v atmosferakh HgMn zvezd*, Pis'ma v Astron. Zh. **22**, 172.

644. (470) Dimitrijević, M. S., Sahal-Bréchot, S.: 1990, *Stark broadening of Na (I) lines with the principal quantum number of the upper state between 6 and 10*, *JQSRT* **44**, 421.

1993

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

1994

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

1995

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

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

1996

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

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

646. (472) Dimitrijević, M. S., Sahal-Bréchot, S.: 1990, *Stark broadening of K I lines*, *Bull. Obs. Astron. Belgrade* **142**, 29.

Milan S.Dimitrijević

- 1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars,
eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak
Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and
Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, 54, 50.
- 647. (473)**
Dimitrijević, M. S., Sahal-Bréchot, S.: 1990, *Tables for Na I lines Stark
broadening parameters*, Bull. Obs. Astron. Belgrade **142**, 59.
- 1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars,
eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak
Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and
Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, 54, 50.
- 648. (474)**
Dimitrijević, M. S., Vujnović, V.: 1990, *On the stark broadening of Cu
I lines - the influence of the oscillator strength values*, XV SPIG,
Dubrovnik, 241.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and
Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- 649. (475)**
Djeniže, S., Labat, J., Platiša, M., Srećković, A., Purić, J.: 1990,
*Stark-Broadening Regularities of np-nd Transition Arrays of Nitrogen,
Oxygen, Neon, and Silicon Ion Spectral-Lines*, Astron. Astrophys., **227**,
291.

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

- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- 1966
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
650. (476) Djeniže, S., Srećković, A., Labat, J.: 1990, *Stark Width and Shift of Singly-Ionized Tin Spectral-Lines*, Z. Physik D, **17**, 85.
- 1992
Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1996
Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
651. (477) Djeniže, S., Srećković, A., Platiša, M., Konjević, R., Labat, J., Purić, J.: 1990, *Stark broadening and shift of singly and doubly ionized sulfur spectral lines*, Phys. Rev. A **42**, 2379.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34

Milan S.Dimitrijević

1994

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

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

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

Srećković, A., DjeniĐv ze, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.

1995

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

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

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

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

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

1996

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

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

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

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

652. (478)

Djeniže S., Srećković A., Platiša M., Labat J., Konjević R., Purić J.: 1990, *Stark broadening and shift of neutral and singly-ionized mercury lines*, JQSRT **44**, 405.

1991

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

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

- 1992
Djeniže, S., Srećković, A., Labat, J.: 1992, *Stark shifts of Na I, Si I, and Hg I spectral lines*, 11 ICSLS, Carry le Rouet, A24.
- 1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1966
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
657. (483)
Djurović, S., Konjević, N., Dimitrijević, M. S.: 1990, *Stark broadening of halogen atom lines from (D)np levels*, Z. Phys. D **16**, 255.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade **153**, 41.
- 1997
Baclawski, A., Goly, A., Ksiazek, I., Wujec, T.: 1997, *Stark Effect in Some Lines of Br I*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 307.
662. (486)
Kobilarov, R.: 1990, *Uticaj dinamike jona na oblik i pomeraj spektralnih linija u plazmi*, Doktorska disertacija, PMF Beograd
- 1995
Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
663. (487)
Kobilarov, R., Konjević, N.: 1990, *Plasma Shift and Broadening of Analogous Transitions of S-II, Cl-III, Ar-IV, Cl-II, and Ar-III*, Phys. Rev. A, **41**, 6023.

Milan S.Dimitrijević

- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1994
Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, 50, 2986.
- 1995
Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
Glenzer,S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- 1996
Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
665. (489) Djeniže, S., Bukvić, S., Srećković, A., Platša, M.: 1996, J.Phys.B 29, 429.
Konjević N.: 1990, *Ion-dynamic effects in non-hydrogenic spectra*, in Spectral Line Shapes 6 (AIP Conf. Proc. 216) eds. L. Fromhold, J. W. Keto, AIP, New York, 19.
- 1994
Konjević, N., Stefanović, I., Ivković, M.: 1994, XII ICSLS, PB-1.
Stefanović, I., Ivković, M., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gasea, Beograd, 169.
- 1995
Konjević, N., Stefanović, I., Ivković, M.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 58.
Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys.Rev. E 51, 613.
Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

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

- Savić, I.: 1995, Diplomski rad, Univerzitet u Novom Sadu, Prirodno-Matematički fakultet.
- Stefanović, I., Ivković, M., Konjević, N.: 1995, Physica Scripta **52**, 178.
- Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. **63**, 836.
666. (490) Konjević, N., Uzelac, N. I.: 1990, *A review of the Stark widths and shifts of spectral lines from non-hydrogenic atoms and ions in weakly-coupled plasmas and experimental results for XeI and XeII lines*, JQSRT **44**, 61.
- 1994
- Gigosos, M.A., Mar, S., Perez, C., de la Rosa, I.: 1994, *Experimental Stark widths and shifts and transition probabilities of several Xe II lines*, Phys.Rev. E, **49**, 1575.
- 1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series **116**, 359.
667. (491) Konjević N., Wiese W. L.: 1990, *Experimental Stark widths and shifts for spectral lines of neutral and ionized atoms (A Critical Review of Selected Data for the Period 1983. through 1988)*, J. Phys. Chem. Ref. Data **19**, 1307.
- 1991
- Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, **46**, 433.
- 1992
- Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
- Perez, C., De la Rosa, I., De Frutos, A.M., Mar, S.: 1993, *Temperature dependence of Stark broadening for several Si II lines*, Phys. Rev. E, **47**, 756.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., **416**, 825.
- 1994
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys.Rev E, **50**, 2986.

Milan S.Dimitrijević

- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52, 747.
- Elton, R. C., Billings, D. M., Manka, C. K., Griem, H. R., Grun, J., Ripin, B. H., Resnick, J.: 1994, *Spectroscopic Diagnostics in a Colliding Blast Wave Experiment*, Phys. Rev. E, 49, 1512.
- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.
- Fuso, F., Vyacheslavov, L.N., Masciarelli, G., Arimondo, E.: 1994, *Stark-Broadening Diagnostics of the Electron-Density in the Laser-Ablation Plume of YBa₂Cu₃O_{7-X} and PbZr_xTi_{1-X}O₃*, J. Appl. Phys. 76, 8088.
- Garcia, M., Bayon, R., Mar, S., Gigosos, M.A.: 1994, *Stark width calibration of several He I spectral lines*, 26th EGAS, Bellatera (Barcelona), Europhys. Conf. Abstracts 18 D, 140.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.
- 1995
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 89.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
- Chan, L.Y., Mostovych, A.N., Kearney, K.J.: 1995, *Stark-Broadening Measurements of Al(III) Doublet Lines in Dense and Optically-Thin Laser Plasmas*, JQSRT, 55, 815.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Djeniže, S., Skuljan, Lj., Konjević, R.: 1995, JQSRT 54, 581.

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

- Fishman I. S., Salakhov M. Kh. and Sarandaev E. V.: 1995, *Regularities in the Stark parameters of spectral lines of singly ionized aluminum*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 73.
- Glenzer, S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Hankins, O..E., Mann, D.: 1995, *Analyses of Molecular and Neutral Atomic - Emission Spectra from an Electrothermal Launcher Plasma*, IEEE Transactions on Magnetics 31, 410.
- Heading, D.J., Wark, J.S., Bennett, G.R., Lee, R.W.: 1995, *Simulations of spectra from dense Aluminium plasmas*, JQSRT 54, 167.
- Lesage, A.: 1995, *Why Stark Broadening Parameters are Important for Stellar Atmosphere Opacity Calculations*, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 161.
- Mijatović, Z.: 1995, Doktorska disertacija, Univerzitet u Beogradu, Fizički fakultet.
- Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.
- Mijatović Z., Konjević N., Kobilarov R. and Djurović S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 91.
- Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys.Rev. E 51, 613.
- Pietsch, W., Dubreuil, B., Briand, A.: 1995, *A Study of Laser - Produced Copper Plasma at Reduced Pressure for Spectroscopic Applications*, Appl. Phys. B 61, 267.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- Seaton, M.J.: 1995, *New Atomic Data for Astronomy: an Introductory Review*, in Astrophysical Application of Powerful New Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series, 78, 1.
- Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, Bull. Astron. Belgrade, 152, 17.

Milan S.Dimitrijević

1996

- Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, **54**, 332.
- Andreić, Z., Gracin, D., Henč-Bartolić, V., Kunze, H.J., Ruhl, F., Aschke, L.: 1996, *Dynamics of Laser-Produced Carbon Plasma*, Astron. Astrophys., **33**, 339.
- Beverini, N., Delgobbo, G., Genovesi, G.L., Maccartone, F., Strumia, F., Paganucci, F., Turco, A., Andrenucci, M.: 1996, *Time-Resolved Plasma Diagnostic by Laser-Diode Spectroscopy*, IEEE Journal of Quantum Electronics, **32**, 1874.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, **54**, 743.
- Djurović, S., Kobilarov, R., Vujičić, B.: 1996, Bull. Astron. Belgrade **153**, 41.
- Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 105.
- Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, **53**, 2225.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Line-by-Line Method of Calculating Emission Coefficients for Thermal Plasmas Consisting of Monoatomic Species*, JQSRT, **56**, 371.
- Menart, J., Heberlein, J., Pfender, E.: 1996, *Theoretical Radiative Emission Results for Argon/Copper Thermal Plasmas*, Plasma Chemistry and Plasma Processing, **16**, S245.
- Mijatović, Z.: 1996, Zh.Prikl.Spektrosk. **63**, 836.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Astron. Astrophys. Suppl. Series **116**, 359.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the behaviour of Stark widths of Argon spectral lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-28.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT **56**, 399.

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

- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, **81**, 33.
- Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 147.
- 1997**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Astron. Astrophys. Suppl. Series, **122**, 163.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 149.
- Sarandaev, E.V., Salakhov, M.Kh.: 1997, *Regularities in the Behaviour of Stark Widths of Argon Spectral Lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 327.
- 675. (499)**
- Labat, O., Djeniže, S., Labat, J., Purić, J., Srećković, A.: 1990, *Stark broadening of singly and doubly ionized iodine spectral lines*, Phys. Lett. A, **143**, 465.
- 1992**
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993**
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, **34**
- 1994**
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
- 1995**
- Popović, L.Č., Dimitrijević, M. S.: 1995, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series **78**, 165.

Milan S.Dimitrijević

- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- 1996
Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
683. Pichler, G.: 1990, *Metal excimers*, in Spectral Line Shapes 6, AIP Conf. Proc. 216, 398.
- 1994
Allegrini, M., De Filippo, G., Fuso, F., Gruber, D., Windholz, L., Musso, M.: 1994, *Laser-Driven Channels of Reactive Collisions in Na Plus Cd Vapors*, Chem. Phys. 187, 73.
- 1995
Milošević, S.: 1995, *Diffuse bands in intermetallic excimers*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 391.
691. (511) Srećković, A., Djeniže, S., Labat, J., Platiša, M., Purić, J.: 1990, *Stark broadening regularities within successive ionization stages of phosphorus and sulfur*, Fizika 22, 583.
- 1992
Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
Dimitrijević M. S. and Sahal-Bréchot S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 51.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Bull. Astron. Belgrade, 152, 99.
Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.

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

1996

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

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

1991.

704. (523)

Bzenić, S. A., Radovanov, S. B., Vrhovac, S. B., Velikić, Z. B., Jelenković, B. M.: 1991, *On the mechanism of Doppler broadening of H_{beta} after dissociative excitation in hydrogen glow discharges*, Chem. Phys. Lett. **184**, 108.

1994

Lipp, M.J., O'Brien, J.J.: 1994, *H-Alpha (Balmer) Spectral Profiles Obtained from H₂ RF Plasma Discharges Studied by Intracavity Laser Spectroscopy*, Chem.Phys.Lett. **227**, 1.

1995

Lipp, M.J., O'Brien, J.J.: 1995, *Temperature and Population Measurements of n=2 Hydrogen-Atoms in H₂ RF Discharges from H-Alpha (Balmer) Spectral Profiles Obtained by Intracavity Laser Spectroscopy*, Chem. Phys. **192**, 355.

Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, *Time-Resolved Balmer-Alpha Emission from Fast Hydrogen-Atoms in Low-Pressure, Radiofrequency Discharges in Hydrogen*, Appl. Phys. Lett. **66**, 2637.

Radovanov, S.B., Olthoff, J.K., Vanbrunt, R.J., Djurović, S.: 1995, *Ion Kinetic-Energy Distributions and Balmer-Alpha (H-Alpha) Excitation in Ar-H₂ Radiofrequency Discharges*, J. Appl. Phys. **78**, 746.

1996

Jelenković, B.M., Phelps, A.V.: 1996, *Cathode-Fall Development in Low-Pressure, Parallel-Plane Hydrogen Discharges*, Phys. Rev. E, **53**, 1852.

707. (526)

Dimitrijević, M. S.: 1991, *Line shapes investigations in Yugoslavia II (1985-1989) (Bibliography and Citation Index)*, Publ. Obs. Astron. Belgrade, **41**, 1-129.

Milan S.Dimitrijević

- 1995
Fishman I. S., Il'in G. G., Konovalova O. A., Sarandaev E. V. and Salakhov M. Kh.: 1995, *The interdependence between the parameters of Stark broadening and asymmetry of self-reversed spectral lines with the quadratic Stark effect*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 69.
Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 99.
713. (532) Dimitrijević, M. S., Sahal-Bréchot, S.: 1991, *Stark broadening of Li (I) lines*, JQSRT, 46, 41.
- 1994
Carlsson, M., Rutten, R.J., Bruls, J.H.M.J., Shchukina, N.G.: 1994, *The non-LTE formation of Li I lines in cool stars*, Astron. Astrophys. 288, 860.
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- 1996
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, 54, 50.
715. (534) Dimitrijević, M. S., Sahal-Bréchot, S.: 1991, *Broadening of Li (I) lines by collisions with charged particles*, Bull. Obs. Astron. Belgrade 143, 29.
- 1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. 63, 810.

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

- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, *Physica Scripta*, **54**, 50.
716. (535) Dimitrijević, M. S., Sahal-Bréchot, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. I. CIV lines*, *Astron. Astrophys. Suppl. Series* **89**, 581.
- 1993
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molécules), Bourges, 153.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, *Astrophys. J.*, **416**, 825.
- 1994
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, *Phys.Rev E*, **50**, 2986.
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, *J.Phys.D: Appl.Phys.* **27**, 247.
- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, ~~205~~.
- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, *Bull. Astron. Belgrade* **149**, 31.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, *Bull. Astron. Belgrade* **150**, 47.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, *Workshop on Laboratory and Astronomical High Resolution Spectra*, Brussels, 72.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Godbert, L., Calisti, A., Stamm, R., Talin, B., Glenzer, S., Kunze, H.J., Nash, J., Lee, R., Klein, L.: 1994, *Plasma Spectroscopy of N=4 to 3 C-IV and N-V Lines in Hot and Dense-Plasmas*, *Phys. Rev. E* **49**, 5839.

1995

- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 89.
- Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 93.
- Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 131.
- Dimitrijević, M. S.: 1995, Astron. Astrophys. Suppl. Series **111**, 565.
- Dimitrijević, M.S.: 1995, 5th EPS Conf. on Atomic and Molecular Physics, Edinburg, EPS Conf. Abstracts, **19A**, Part II (1995), 607.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević M. S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 43.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 139.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 135.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series **78**, 175.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series **78**, 169.
- Dimitrijević M. S. and Sahal-Bréchot S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 51.

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

- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, XIX Int. Conf. on the Physics of Electronic and Ionic Collisions, Whistler (Canada), 595.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Physica Scripta 52, 41.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 197.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Cool Stars Stellar Systems and the Sun, Florence 64.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Bull. Astron. Belgrade, 152, 99.
- Glenzer,S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- Stehle, C.: 1995, *Line shapes in astrophysics*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 36.
- 1996**
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, 54, 743.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series 115, 351.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Proc. I Belarusian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 97.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, 54, 50.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Zh. Prikl. Spektrosk. 63, 853.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević-Karabin, Z. Knežević, Publ. Astron. Obs. Belgrade 54, 31.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.

Milan S.Dimitrijević

- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, in Cool Stars Stellar Systems and the Sun, 9th Cambridge Workshop, ASP Conference Series, eds. R. Pallavicini, A. K. Dupree, 109, 125.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 154, 17.
- Unglaub, K., Bues, I.: 1996, *The influence of gravitational settling and selective radiative forces in PG 1159 stars*, Astron. Astrophys., 306, 843.
- Werner, K., Dreizler, S., Heber, U., Rauch, T., Fleming, T.A., Sion E.M., Vauclair, G.: 1996, *High resolution UV spectroscopy of two hot (pre-) white dwarfs with the Hubble Space Telescope. KPD 0005+5106 and RXJ 2117+3412*, Astron. Astrophys., 307, 860.
- 1997**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Astron. Astrophys. Suppl. Series, 122, 163.
- 717. (536)**
- Dimitrijević, M. S., Sahal-Bréchot, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. II Si IV lines*, Astron. Astrophys. Suppl. Series 89, 591.
- 1993**
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.
- 1994**
- Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlović, A.A.: 1994, J.Phys.D: Appl.Phys. 27, 247
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, Astron. Astrophys. Suppl. Series 105, 245.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- 1995**
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.

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

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
1996
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996,
Phys. Rev. E, **54**, 743.
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
718. (537) Dimitrijević, M. S., Sahal-Bréchot, S., Bommier, V.: 1991, *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. I: C IV lines*, Bull. Obs. Astron. Belgrade, **144**, 65.
1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. **27**, 247.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, 26th EGAS Conference, Europhysics Conf. Abstracts, **18D**, 344.
- 1995
- Blagojević, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S.: 1995, Astron. Astrophys. Suppl. Series **114**, 171.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, **117**, 127.

Milan S.Dimitrijević

719. (538) Dimitrijević, M. S., Sahal-Bréchot, S., Bommier, V.: *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. II: Si IV lines*, 1991, Bull. Obs. Astron. Belgrade, **144**, 81.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
Dimitrijević, M.S., Djurić, Z., Mihajlov, A.A.: 1994, J.Phys.D: Appl.Phys. **27**, 247.
1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
722. (541) Djeniže, S., Labat, J., Srećković, A., Labat, O., Platiša, M., Purić, J.: 1991, *Stark broadening and shifts of singly and doubly ionized fluorine spectral lines*, Physica Scripta **44**, 148.
1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, **46**, 433.
1992
Djeniže, S., Labat, J., Konjević, R.: 1992, Contrib. Plasma Phys., **32**, 69.
1995
Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
1996
Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, **271**.
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
723. (542) Djeniže, S., Srećković, A., Labat, J., Konjević, R., Popović, L.: 1991, *Stark broadening and shift of singly ionized zinc and cadmium spectral lines*, Phys. Rev. A **44**, 410.
1991
Djeniže, S., Srećković, A., Labat, J.: 1991, JQSRT, **46**, 433.
1992
Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.

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

1993

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

1994

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

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

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

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

Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, **149**, 15.

1995

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

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

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

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

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

Skuljan Lj., Bukvić S. and Djeniže S.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 127.

Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, Bull. Astron. Belgrade, **152**, 17.

Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, Bull. Astron. Belgrade, **151**, 17.

1996

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

Milan S.Dimitrijević

- Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 147.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta 53, 54.
724. (543) Djeniže, S., Srećković, A., Labat, J., Nikolić, B.: 1991, *Stark width and shift of Cd II spectral lines from 5d-4f transition*, XX ICPIG, Pisa, 1410. 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1995
- Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
725. (544) Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1991, *Stark broadening and shift of O II spectral lines in higher multiplets*, Z. Phys. D 21, 295. 1994
- Šćepanović, M., Milosavljević, V., Djeniže, S., Platića, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.
- Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, 149, 15. 1996
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade 153, 35.
731. (550) Konjević, N.: 1991, *On the importance of ion-dynamics for the Stark broadening electron density diagnostics of helium plasma*, XX ICPIG, Pisa, 1435. 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
739. (558) Labat, O., Djeniže, S., Purić, J., Labat, J. M., Srećković, A.: 1991, *Stark broadening and regularities of ionized bromine Spectral lines*, J. Phys. B. 24, 1251. 1992
- Sarandaev, E.V.: 1992, *Issledovanie zakonomernostej v povedenii Shtarkovskikh parametrov spektral'nykh linij tyazhelykh elementov*, Dissertaciya dlya stepeni kandidata fiziko-matematicheskikh nauk, Kazanskij gosudarstvennyj universitet, Kazan.
- 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.

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

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
1995
- Popović, L.Č., Dimitrijević, M. S.: 1995, in *Astrophysical Applications of Powerful Databases*, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.
1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, 81, 33.
740. (559) Mijatović, Z., Pavlov, M., Djurović, S.: 1991, *Stark shifts of H beta line in dense hydrogen plasmas*, Phys. Rev. A, 43, 6095.
1994
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 165.
- 1996
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., Savić, I.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 298.
- Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R., savić, I.: 1996, Proc. I Belarusian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 109.
742. (561) Panić, Z.: 1991, *Štarkov pomeraj NIIsprektralnih linija*, Diplomski rad, PMF, Beograd.
1996
- Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.
743. (562) Pavlović, M. S., Pavlović N. Z., Marinković, M.: 1991, *Excitation and ionization characteristics of a d. c. argon plasma evaluated by means of emission and absorption of iron lines, and broadening of the hydrogen Hbeta line-experimental facts*, Spectrochimica Acta 46 B, 1487.

Milan S.Dimitrijević

- 1994
Tripković, M., Todorović, M., Holclajtner -Antunović, I.: 1994, *Spectrometric Determination of Gold, Platinum and Palladium in Geological-Materials by DC Arc Plasma*, Analytica Chimica Acta 296, 315.
744. (563) Popović, L. Č.: 1991, *Štarkovo Širenje I pomeraj spektralnih linija Zn II*, Magistarski rad, Fizički fakultet, Beograd 1991.
- 1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd 1996
- Milošević, M.: 1996, Univerzitet u Beogradu, Fizički fakultet, Diplomski rad.
746. (565) Purić, J., Ćuk, M., Dimitrijević, M. S., Lesage, A.: 1991, *Regularities of stark parameters along the periodic table*, Astrophysical Journal, 382, 353.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- Purić, J., Miller, M.H., Lesage, A.: 1993, Astrophys. J., 416, 825.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.
- Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.
- 1995
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade 48, 127.
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- Purić, J., Ćuk, M.: 1995,in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.
- Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50, 115.

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

1996

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

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

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

Purić, J.: 1996, *Istraživanje kontrolisane termouklearne fuzije (KTF) pomoću plazmafokusa*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 1, ed. D.Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 97.

Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.

Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 143.

1997

Alexiou, S.: 1997, *Closing in on Stark Broadening for weakly coupled plasmas*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Uliivi, AIP Conf. Proc., 386, 79.

747. (566)

Purić, J., Djeniže, S., Labat, J., Srećković, A., Platiša, M.: 1991, *Stark broadening regularities within successive ionization stages in krypton and xenon*, Contrib. Plasma Phys. 31, 63.

1992

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

1993

Djeniže, S., Labat, J. M., Purić, J.: 1993, XXI ICPIG, Bochum, 227.

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

1995

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

1996

Cedolin, R.J., Hanson, R.K., Cappelli, M.A.: 1996, *Laser-Induced Fluorescence Measurements of Resonance Broadening in Xenon*, Phys. Rev. A, **54**, 335.

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

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

749. (568)

Uzelac, N. I., Stefanović, I., Konjević, N.: 1991, *Stark broadening of the He I 4471 Å line and its forbidden components at high electron densities*, JQSRT, **46**, 447.

1994

Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, XII ICSLS, PA-4.

1995

Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 30.

1996

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

Valognes, J.C., Bardet, J.P.: 1996, *Stark broadening of the 4471 Å He(I) spectral lineshape in dense cool plasmas ($1.0 \times 10^7 \text{ cm}^{-3} < N_e < 1.1 \times 10^8 \text{ cm}^{-3}$, $20,000 \text{ K} < T_e < 40,000 \text{ K}$)*, JQSRT **56**, 855.

752. Windholz, L., Musso, M., Pichler, G., Hess, B.: 1991, *Ultra-Violet-Laser-Induced Chemiluminescence of NaCd and NaHg Excimers*, J. Chem. Phys., **94**, 3366.

1994

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

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

Gruber, D., Domiaty, U., Windholz, L., Jager, H., Musso, M., Allegrini, M., Fuso, F., Winkler, A.: 1994, *Production of the Electronically Excited NaCd Excimer via Resonant Excitation of the Metastable Cd(5P³P₁) Level*, J. Chem. Phys. **100**, 8103.

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

1995

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

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

Gruber, D., Domiaty, U., Li, X., Windholz, L., Gleichmann, M., Hess, B.A.: 1995, *The NaHg Red Bands Revisited*, J. Chem. Phys. **102**, 5174.

1996

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

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

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

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

753. Windholz, L., Zerza, G., Pichler, G., Hess, B.: 1991, *Visible-Laser-Induced Chemiluminescence of NaHg Red Excimer Band*, Z. Phys. D, **18**, 373.

1994

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

Milan S.Dimitrijević

1995

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

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

Gruber, D., Domiaty, U., Li, X., Windholz, L., Gleichmann, M., Hess, B.A.: 1995, *The NaHg Red Bands Revisited*, J. Chem. Phys. 102, 5174.

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

1996

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

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

1992.

755. (571)

Brnović, M. J.: 1992, *Štarkovo širenje i pomeranje Pb II, Hg II i Hg III spektralnih linija*, Magistarski rad, Fizički fakultet, Beograd.

1994

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

1996

Kovačević, A.: 1996, Univerzitet u Beogradu, Fizički fakultet, Beograd.

756. (572)

Dimitrijević, M. S.: 1992, *Stark-broadening parameters of ionized mercury spectral lines of astrophysical interest*, JQSRT, 47, 315.

1994

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

1995

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

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

762. (578) Dimitrijević, M. S., Sahal-Bréchot, S.: 1992, *Stark broadening parameters for spectral lines of multicharged ions in stellar atmospheres: C IV, N V, O VI lines and regularities within an isoelectronic sequence*, In The Atmospheres of Early-Type Stars, Eds. U. Heber, C. S. Jeffery, Lect. Notes in Physics, **401**, 368.
- 1996
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
764. (580) Dimitrijević, M.S., Sahal-Bréchot, S.: 1992, *Stark broadening parameter tables for Be II lines of astrophysical interest*, Bull. Astron. Belgrade **145**, 65.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
765. (581) Dimitrijević, M.S., Sahal-Bréchot, S.: 1992, *Stark broadening parameter tables for Ca II lines of astrophysical interest*, Bull. Astron. Belgrade, **145**, 81.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.

Milan S.Dimitrijević

766. (582) Dimitrijević, M. S., Sahal-Bréchot, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. Sc III and Ti IV lines*, Astron. Astrophys. Suppl. Series, **95**, 121.
- 1994 Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, Astron. Astrophys. Suppl. Series **105**, 245.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, Astron. Astrophys. Suppl. Series **107**, 349.
- 1995 Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- 1996 Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
767. (583) Dimitrijević, M. S., Sahal-Bréchot, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IV. N V lines*, Astron. Astrophys. Suppl. Series, **95**, 109.
- 1993 Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universität, Bochum, 34
- 1994 Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. rev. A, **49**, 106.
- Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. Henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.

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

- 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-Bréchot,S.: 1994, Astron. Astrophys. Suppl. Series **105**, 245.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, Astron. Astrophys. Suppl. Series **107**, 349.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, **27**, 413.
- Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.
- Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.
- Rauch, T., Koeppen, J., Werner, K.: 1994, *Spectral analysis of the planetary nebula K 1-27 and its very hot hydrogen-deficient central star*, Astron.Astrophys. **286**, 543.

1995

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- Glenzer,S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 134.
- Purić, J., Ćuk, M.: 1995,in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. **328**, American Institute of Physics, New York, 79.
- Schoning, T.: 1995, *Stark broadening of the N V 6f,g,h - 7f,g,h,i line complex*, Astron. Astrophys. Suppl. Series, **113**, 579.

Milan S.Dimitrijević

- 1996
Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, **54**, 743.
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
768. (584)
1992, *Stark broadening of Be II spectral lines*, JQSRT, **48**, 397.
- 1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars. eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
Oks, A., Derevianko, A., Ispolatov, Ya.: 1995, *A generalized theory of Stark broadening of hydrogen - like spectral lines in dense plasmas*, JQSRT **54**, 307.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.
769. (585)
1992, *Asymptotic behaviour of the A and a functions for ionized emitters in semiclassical Stark-broadening theory*, JQSRT, **48**, 349.
- 1994
Alexiou, S.: 1994, *Collision operator for isolated ion lines in the Standard Stark - broadening theory with applications to the Z scaling in the Li isoelectronic series 3p - 3s transition*, Phys. Rev. A, **49**, 106.
Alexiou, S.: 1994, *Calculation of the semiclassical Stark - broadening dipole width functions for isolated ion lines*, JQSRT **51**, 849.

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

- Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, Astron. Astrophys. Suppl. Series **105**, 243.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
773. (589) Dimitrijević,M.S.,Sahal-Bréchot, S.:1992, *Stark broadening parameter tables for Rb I lines*, Bull. Astron. Belgrade, **146**, 97.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, Physica Scripta **49**, 661.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 187.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
775. (591) Dimitrijević,M.S.,Sahal-Bréchot, S.:1992, *Stark broadening parameter tables for Be I lines of astrophysical interest*, Bull. Astron. Belgrade, **146**, 73.
1994
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
776. (592) Dimitrijević,M.S.,Sahal-Bréchot, S.:1992, *Stark broadening parameter tables for Al I lines of astrophysical interest*, Bull. Astron. Belgrade, **146**, 83.

Milan S.Dimitrijević

- 1994
Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, Physica Scripta **49**, 34.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
777. (593) Dimitrijević, M. S., Sahal-Bréchot, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VI. CIV lines of large principal quantum number*, Astron. Astrophys. Suppl. Series **96**, 613.
- 1993
Dimitrijević, M.S., Sahal-Bréchot, S.: 1993, in Planetary Nebulae (eds. R.Weinberger, A.Acker), Kluwer Acad.Publ., Dordrecht, Boston, London, 94.
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, JENAM-95, (Joint European and National Astronomy Meeting) Progress in European Astrophysics, Catania 197.

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

1996

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

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

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

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

778. (594)

Dimitrijević, M. S., Sahal-Bréchot, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. III. O VI*, *Astron. Asptrophys. Suppl. Series* **93**, 359.

1993

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

1994

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

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

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

Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

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

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

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

Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.

Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.

Milan S.Dimitrijević

1995

- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
Glenzer,S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
Purić, J., Ćuk, M.: 1995,in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.

Purić J., Milosavljević V. and Ćuk M.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 115.

1996

- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys.Rev. E, **54**, 743.
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
Purić, J., Milosavljević, V., Milosavljević, M., Ćuk, M.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S.Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 143.

Rauch, T., Koeppen, J., Werner, K.: 1996, *Spectral analysis of the multiple-shell planetary nebula LoTr4 and its very hot hydrogen-deficient central star*, Astron. Astrophys., **310**, 613.

780. (596)

Djeniže, S., Srećković, A., Labat, J.: 1992, *Stark shifts of singly-ionized nitrogen spectral lines*, Astron. Astrophys. **253**, 632.

1994

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

Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, **150**, 41.

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

- 1996
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
- Perez, C., de la Rosa, M.I., Aparicio, J.A., Gigosos, M.A., Mar, S.: 1996, *Stark Broadening of Several N II Lines*, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, A-26.
- 1997
- Perez, C., de la Rosa, M.I., Gigosos, M.A., Aparicio, J.A., Mar, S.: 1997, *Stark broadening of several N II lines*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 153.
781. (597) Djeniže, S., Srećković, A., Labat, J., Konjević, R., Brnović, M.: 1992, *Stark widths and shifts of Sn I, Hg II, Hg III and Pb II spectral lines*, Z. Phys. D **24**, 1.
- 1992
- Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.
- 1994
- Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, Astron. Astrophys. Suppl. Series, **105**, 115.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- Srećković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
- 1996
- Srećković, A., Bukvić, S., Djeniže, S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDPI'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 147.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, Physica Scripta **53**, 54.
782. (598) Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1992, *Measured Stark widths of BI, BII, BIII and NaI spectral lines*, Physica Scripta **45**, 320.
- 1993
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.

Milan S.Dimitrijević

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
1995
- Bukvić S., Djeniže S. and Srećković A.: 1995, Proc. of the first Yug.
Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade 50,
35.
- 1996
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, *Astron. Astrophys. Suppl.*
Series, 119, 369.
- Purić, J.: 1996, *Zh.Prikl.Spektrosk.* 63, 816.
- Srećković, A., Djeniže, S., Bukvić, S.: 1996, *Physica Scripta* 53, 54.
- 1997
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Spectral Line Shapes Vol.*
9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.
783. (599) Djeniže, S., Srećković, A., Labat, J., Purić, J., Platša, M.: 1992,
Measured Stark widths of doubly and triply ionized silicon spectral
lines, J. Phys. B 25, 785.
- 1992
- Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet,
A24.
- 1995
- Purić J.: 1995, *Scientific Review, Series: Science and Engineering*, 14,
49.
- 1996
- Djeniže, S., Bukvić, S., Srećković, A., Platša, M.: 1996, *J.Phys.B 29, 429.*
- Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 154, 17.
- Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian
Symposium on Physics and Diagnostics of Laboratory &
Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov,
M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 101.
- Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* 153, 35.
784. (600) Glenzer, S., Uzelac, N. I., Kunze, H.-J.: 1992, *Stark broadening of 3s-3p*
transitions in F VII, 11 ICSLS, Carry le Rouet, A01.
- 1993
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, 9 Gen. Conf. of the
European Physical Society "Trends in Physics", Abstracts,
Firenze, 150.
- Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet,
Bochum, 34

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

1994

Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A. M. 3eme Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P78.

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

Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd **1996**

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

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

785. (601)

Glenzer, S., Uzelac, N. I., Kunze, H. J.: 1992, *Stark-Broadening of Spectral-Lines Along the Isoelectronic Sequence of Li*, Phys. Rev. A, **45**, 8795.

1994

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

Alexiou, S., Ralchenko, Yu.: 1994, *Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **49**, 3086.

Alexiou, S., Ralchenko, Yu.: 1994, *Erratum: Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **50**, 3552.

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

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

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

Godbert, L., Calisti, A., Stamm, R., Talin, B., Glenzer, S., Kunze, H.J., Nash, J., Lee, R., Klein, L.: 1994, *Plasma Spectroscopy of N=4 to 3 C-IV and N-V Lines in Hot and Dense-Plasmas*, Phys. Rev. E **49**, 5889.

Morgan, C.A., Griem, H.R., Elton, R.C.: 1994, *Spectroscopic Measurements of Electron-Density and Temperature in Polyacetal-Capillary-Discharge Plasmas*, Phys. Rev. E **49**, 2282.

1995

Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. 75, 3406.

Alexiou, S., Maron, Y.: 1995, *Theoretically based closed form formulas for the collision operator for isolated ion lines in the standard Stark - broadening theory*, JQSRT 53, 109.

Cao, H., Cao, C.Q.: 1995, *Spontaneous Radiation by a 3-Level Atom in a Dissipative Medium*, J. Phys. B 28, 979.

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

1996

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

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.

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

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

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

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

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

Poquerusse, A., Alexiou, S., Leboucherdalimier, E.: 1996, *Width Functions for the Perturbative Dipole Impact Line-Broadening Theory with Correct Unitarity Cutoff*, JQSRT, 56, 797.

1997

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.

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

- Wrubel, Th., Glenzer, S., Buscher, S., Kunze, H.J.: 1997, *Line Profile Measurements in a Gas-Liner Pinch Discharge*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 71.
790. (606) Kuraica, M., Konjević, N.: 1992, *Line shapes of atomic hydrogen in a plane-cathode abnormal glow discharge*, Phys. Rev. A, 46, 4429.
- 1993
Djurović, S., Roberts, J. R.: 1993, J. Appl. Phys., 74, 6558.
- 1994
Beauchemin, D., Leblanc, J.C.Y., Peters, G.R., Persaud, A.T.: 1994, *Plasma Emission-Spectrometry*, Analyt. Chem. 66, R462.
Kuraica, M., Konjević, N.: 1994, Physica Scripta, 50, 487.
Ohorodnik, S.K., Harrison, W.W.: 1994, *Plasma Diagnostic Measurements in the Cryogenically Cooled Glow-Discharge*, J. Analytical Atomic Spectrometry 9, 991.
- 1995
Lavrov, B.P., Melnikov, A.S.: 1995, *Spectroscopic Determination of Highly Nonequilibrium Velocity Spectra of Hydrogen-Atoms in H-2+n-2Ar,Kr Hollow-Cathode Discharges*, Optika i Spektroskopiya, 79, 922.
Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. 66, 2637.
Videnović I., Kuraica, M. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 139.
- 1996
Šišović N., Kuraica M., Videnović I., Miljević V. and Konjević N.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 302.
Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.

791. (507) Kuraica, M., Konjević, N., Platiša, M., Pantelić, D.: 1992, *Plasma diagnostics of the Grimm-type glow discharge*, Spectrochimica Acta 47B, 1173.
- 1994
Kuraica, M., Konjević, N.: 1994, Physica Scripta, 50, 487.
Spasojević, Dj., Kuraica, M., Konjević, N.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 212.
- 1995
Pavski, V., Chakrabarti, C.L.: 1995, *Atomic Line - Profiles in Hollow-Cathode Lamps and a Glow-Discharge Atomizer Determined by Fourier-Transform Spectroscopy*, Appl. Spectrosc. 49, 927.
Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. 66, 2637.
Videnović I., Kuraica, M. and Konjević N.: 1995, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 139.
- 1996
Bogaerts, A., Gijbels, R., Goedheer, W.J.: 1996, *2-Dimensional Model of a Direct-Current Glow-Discharge - Description of the Electrons, Argon Ions, and Fast Argon Atoms*, Analytical Chemistry, 68, 2296.
Bogaerts, A., Quentmeier, A., Jakubowski, N., Gijbels, R.: 1995, *Plasma Diagnostics of an Analytical Grimm-Type Glow-Discharge in Argon and in Neon - Langmuir Probe and Optical-Emission Spectrometry Measurements*, Spectrochimica Acta part B-Atomic Spectroscopy, 50, 1337.
Tabares, F.L., Tafalla, D.: 1996, *Sputtering of Metallic Walls in Ar/H₂ Direct-Current Glow-Discharges at Room-Temperature*, Journal of Vacuum Science & Technology A-Vacuum Surfaces and Films, 14, 3087.
Videnović, I.R.: 1996, Magistarska teza, Univerzitet u Beogradu, Fizički fakultet, Beograd.
Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Temperatures of Excited Hydrogen Atoms in the Abnormal Glow Discharge*, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 85.

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

- Videnović, I.R., Kuraica, M.M., Konjević, N.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 89.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 375.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Experimental testing of the cathode fall region theories*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 379.
- Videnović, I.R., Konjević, N., Kuraica, M.M.: 1996, *Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge*, Spectrochimica Acta B, 51, 1707.
792. (608) Mihajlov, A. A., Dimitrijević, M. S.: 1992, *Influence of ion-atom collisions on the absorption of radiation in white dwarfs*, Astron. Astrophys., 256, 305.
- 1995
- Ermolaev, A.M., Mihajlov, A.A., Ignjatović, Lj. M., Dimitrijević, M.S.: 1995, *Continuous Emission Due to Radiative Ion-Atom Association and Charge-Exchange in Weakly Ionized Plasmas of H, He, Li and Na*, J. Phys. D 28, 1047.
- Mihajlov, A.A., Dimitrijević, M.S., Ignjatović, L.M., Djurić, Z.: 1995, *Radiative $\text{He}^+(1s) + \text{He}(1s^2)$ Processes as the Source of the DB White-Dwarf Atmosphere Electromagnetic Continuous Spectra*, Astrophys. J. 454, 420.
- 1996
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
- Mihajlov, A.A.: 1996, *Transportni procesi u nisko temperaturnoj plazmi*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 1, ed. D.Popović, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 82.
- Mihajlov, A.A., Dimitrijević, M.S.: 1996, *Processes involving ion atom complexes in weakly ionized laboratory and astrophysical plasmas*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 1996, 466.
- Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.

Milan S.Dimitrijević

793. (609) Popović, L., Srećković, A., Djeniže, S.: 1992, *Influence of the temperature decay on the Stark shift measurements*, XI ICSLS, Carry le Rouet P. A 25.
- 1992
Djeniže, S., Srećković, A., Labat, J.: 1992, 11 ICSLS, Carry le Rouet, A24.
- 1994
Djeniže, S., Skuljan, Lj., Labat, J., Bukvić, S., Konjević, R.: 1994, , Astron. Astrophys. Suppl. Series, 105, 115.
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 191
Šćepanović, M., Milosavljević, V., Djeniže, S., Platiša, M., Labat, J.: 1994, Bull. Astron. Belgrade, 150, 11.
Skuljan, Lj., Djeniže, S.: 1994, Bull. Astron. Belgrade, **149**, 15.
Srećković, A., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 181.
- 1995
Nikolić, B.: 1995, Magistarski rad, Fizički fakultet, Beograd.
- 1996
Milosavljević, V.M.: 1996, Magistarski rad, Fizički fakultet, Beograd.
Milosavljević, V., Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 263.
795. (611) Skuljan, J., Erkapić, S., Vince, I., Kubičela, A.: 1992, *The data processing in solar spectrophotometry*, Bull. Obs. Astron. Belgrade, 145, 157.
- 1996
Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.
796. (612) Skuljan, J., Karabin, M., Vince, I., Kubičela, A.: 1992, *Solar activity influence on equivalent widths of some photospheric lines*, Bull. Astron. Belgrade, 145, 1.
- 1994
Erkapić, S., Vince, I.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 328.

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

- 1995
 Erkapić, S., Vince, I.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 159.
- 1996
 Erkapić, S., Vince, I.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 42.
797. (613) Sotirovski, P., Boyer, R., Hiei, E., Vince, I.: 1992, *Spectral analysis of a white-light flare*, Astron. Astrophys. 262, 597.
- 1994
 Sotirovski, P., Boyer, R.: 1994, *The Sun and Solar Neutrinos*, Neues Jahrbuch für Mineralogie-Abhandlungen, 167, 189.
798. (614) Stokić, Z., Fraga, M. M. F. R., Božin, J., Stojanović, V., Petrović, Z. Lj., Jelenković, B. M.: 1992, *Excitation of Balmer lines in low-current discharges of hydrogen and deuterium*, Phys. Rev. A 45, 7463.
- 1993
 Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
 Roznerski, W., Mechlinskadrewko, J., Leja, K., Petrović, Z. Lj.: 1994, *Drift Velocities and Characteristic Energies of Electrons in Deuterium at Low and Moderate E/N*, J. Phys. D 27, 2060.
- 1996
 Jelenković, B.M., Phelps, A.V.: 1996, *Cathode-Fall Development in Low-Pressure, Parallel-Plane Hydrogen Discharges*, Phys. Rev. E, 53, 1852.
- Purić, J.: 1996, Zh. Prikl. Spektrosk. 63, 816.
799. (615) Wiese, W. L., Konjević, N.: 1992, Regularities in experimental Stark shifts, JQSRT 47, 185.
- 1993
 Popović, L. Č., Vince, I., Dimitrijević, M.S.: 1993, II DIAM (Dynamique des Ions, des Atomes et des Molécules), Bourges, 255.
- 1994
 Dzierzega, K., Musiol, K.: 1994, *Stark broadening and shift for Ar II lines*, JQSRT, 52, 747.

Milan S.Dimitrijević

- Fishman, I.S., Sarandaev, E.V., Salakhov, M.Kh.: 1994, *Experimental determination of the Stark parameters of Pb I, Pb II, and Cu II spectral lines in a plasma of the pulse capillary discharge*, JQSRT, 52, 887.
- Blagojević, B., Popović, M.V., konjević, N., Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 93.
- 1995**
- Purić J.: 1995, Scientific Review, Series: Science and Engineering, 14, 49.
- Sarandaev, E.V., Salakhov, M.Kh.: 1995, *Experimental Stark parameters of $3s^2S - 3p^2P'$ multiplet lines of singly ionized carbon*, J. Quant. Spectrosc. Radiative Transfer, 54, 827.
- 1996**
- Alonso-Medina, A., Herran-Martinez, C.: 1996, *Calculation of the Stark Widths and Shifts for Several Lines of the Thallium Atom*, Physica Scripta, 54, 332.
- Blagojević, M., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Phys. Rev. E, 54, 743.
- Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT 56, 399.
- Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminium*, Optika i Spektroskopiya, 81, 33.
- 1993**
801. (617) Atanacković-Vukmanović, O., Simonneau, E.: 1993, *The use of iteration factors in the line formation problem with spatial variations in Profile function*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 41.
- 1995**
- Atanacković-Vukmanović, O., Simonneau, E.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, 49, 77.

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

805. (621) Dimitrijević, M. S.: 1993, *Stark-broadening parameters of spectral lines of astrophysical interest of neutral palladium*, Astron. Astrophys. Suppl. Ser., 100, 593.
- 1994
- Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ.Obs. Astron. Belgrade **50**, 99.
- 1996
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
806. (622) Dimitrijević, M. S.: 1993, *Electron-impact widths of four- and five-times charged ion lines of astrophysical importance*, Astron. Astrophys. Suppl. Ser., 100, 237.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 135.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.

Milan S.Dimitrijević

- Min'ko L. Ya., Avramenko V. B., Bakanovich G. I. and Chumakov A. N.: 1995, *Spectroscopic diagnostics of pulsed plasma flows using spectral line broadening*, Proc. of the first Yug. Conf. on Spectral Line Shapes, Publ. Obs. Astron. Belgrade 50, 99.
- 1996**
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series **115**, 351.
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **153**, 35.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
- 811. (627)**
- Dimitrijević, M. S.: 1993, *Stark broadening of stellar Pt II lines*, IAU Symp. 162, Pulsation, Rotation and Mass Loss in Early Type Stars, Antibes, Juan les Pins, Abstracts, (no pagination).
- 1994**
- Dimitrijević, M. S.: 1994, in Pulsation, Rotation and Mass Loss in Early-Type Stars, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
- 1996**
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- 812. (628)**
- Dimitrijević, M.S.: 1993, *Stark widths of fourthly and fifthly charged ion lines*, Astrophys. Lett. and Communications **28**, 381.
- 1994**
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995**
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- 1996**
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.

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

813. (629) Dimitrijević, M. S.: 1993, *Stark broadening of Pt II lines in chemically peculiar stars*, *Astrophys. Lett. and Communications* **28**, 385.
- 1995
Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, *Publ. Obs. Astron. Belgrade*, **49**, 135.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, *Astron. Astrophys. Suppl. Series*, **109**, 551.
- 1996
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, *Astron. Astrophys. Suppl. Series* **115**, 351.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Proc. 2nd Hellenic Astronomical Conf., Eds. M.E. Contadakis, J.D. Hadjidemetriou, L.N. Mavridis, J.H. Seiradakis. Hellenic Astronomical Society, Thessaloniki, 205.
Djeniže, S., Labat, J.: 1996, *Bull. Astron. Belgrade* **153**, 35.
Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
816. (632) Dimitrijević, M. S., Popović, L. Č.: 1993, *On Stark broadening of heavy element lines in A-type star spectra: Bi II lines*, in *Peculiar Versus Normal Phenomena in A-Type and Related Stars*, ~~eds.~~ M. M. Dworetsky, F. Castelli, R. Faraggiana, *ASP Conference Series*, Vol. **44**, 165.
- 1994
Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1996
Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.
817. (633) Dimitrijević, M. S., Popović L. Č.: 1993, *Stark broadening of Bi II lines of astrophysical interest*, *Astron. Astrophys. Suppl. Series* **101**, 583.
- 1994
Dimitrijević, M.S., Popović, L.Č.: 1994, *Erratum*, *Astron. Astrophys. Suppl. Series*, **107**, 191.
Popović, L.Č.: 1994, *Publ. Obs. Astron. Belgrade* **46**.

Milan S.Dimitrijević

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
Popović, L.Č., Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 146.
Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.
818. (634) Dimitrijević, M. S., Sahal-Brechot, S.: 1993, *Stark broadening of Ca II spectral lines*, JQSRT, **49**, 157.
- 1994
- Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
819. (635) Dimitrijević, M.S., Sahal-Brechot, S.: 1993, *Stark broadening parameter tables for Al III lines*, Bull. Astron. Belgrade, **147**, 35.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.

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

- 1996
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, *Physica Scripta*, **54**, 50.
Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
820. (636) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Line broadening data: Stark broadening of Ca II Sc III and Ti IV lines*, in *Inside the stars*, IAU Colloquium 137, ASP Conference Series, **40**, 260.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
Dimitrijević, M.S.: 1995, *Publ. Obs. Astron. Belgrade* **48**, 127.
- 1996
Dimitrijević, M.S.: 1996, *Zh. Prikl. Spektrosk.* **63**, 810.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, *Physica Scripta*, **54**, 50.
821. (637) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VIII. S VI lines*, *Astron. Astrophys. Suppl. Series*, **100**, 91.
- 1994
Dimitrijević, M. S.: 1994, in *Pulsation, Rotation and Mass Loss in Early-Type Stars*, eds. L.A. Balona, H.F. henrichs, J.M. Le Contel, Kluwer A.C., Dordrecht, Boston, London, 335.
Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, *Astron. Astrophys. Suppl. Series* **105**, 245.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, *XVII Symp. Phys. Ioniz. Gases*, Beograd, 205.
Dimitrijević, M.S., Sahal-Bréchot,S.: 1994, *Astron. Astrophys. Suppl. Series* **107**, 349.
- Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Purić, J., Ćuk, M.: 1994, XII ICSLC, Toronto, PA-5.

Milan S.Dimitrijević

- Purić, J., Ćuk, M., Milosavljević, V.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 201.
- 1995
- Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 299.
- Dimitrijević, M.S.: 1995, Publ. Obs. Astron. Belgrade **48**, 127.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1995, Astron. Astrophys. Suppl. Series, **109**, 551.
- Purić, J., Ćuk, M.: 1995,in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 79.
- 1996
- Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Djeniže, S., Labat, J.: 1996, Bull. Astron. Belgrade **154**, 17.
- Djeniže, S., Labat, J.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 101.
- Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.
822. (638) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening parameters for Be II spectral lines*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, **44**, 59.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
830. (646) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening of F VII spectral lines*, 25th E. G. A. S. Conference Abstracts, Caen, Europhys. Conf. Abstracts Vol. 17 D P2-068.
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
831. (647) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VII. Al III lines*, Astron. Astrophys. Suppl. Series **99**, 585.

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.

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

Dimitrijević, M.S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.

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

1995

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

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

Heading, D.J., Bennett, G.R., Wark, J.S., Lee, R.W.: 1995, *Novel Plasma Source for Dense Plasma Effects*, Phys. Rew. Lett., **74**, 3616.

Heading, D.J., Wark, J.S., Bennett, G.R., Lee, R.W.: 1995, *Simulations of spectra from dense Aluminium plasmas*, JQSRT **54**, 167.

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

1996

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

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

832. (648) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IX. F VII lines*, Astron. Astrophys. Suppl. Series **101**, 587.

1994

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

1995

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

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

1996

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

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

Milan S.Dimitrijević

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, **119**, 369.
- Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
833. (649) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening parameter tables for Al XI and Si XII lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 21.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- 1996
- Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
834. (650) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening parameter tables for Ne VIII and Na IX lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 29.
- 1994
- Dimitrijević, M. S.: 1994, in Chemically Peculiar and Magnetic Stars, eds. J. Zverko, J. Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, Astron. Astrophys. Suppl. Series **105**, 245.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 205.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1994, Astron. Astrophys. Suppl. Series **107**, 349.
- 1996
- Dimitrijević, M. S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Physica Scripta, **54**, 50.
- Purić, J., Milosavljević, V., Ćuk, M.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 286.
835. (651) Dimitrijević, M. S., Sahal-Bréchot, S.: 1993, *Stark broadening parameter tables for Be I lines of astrophysical interest* (Addendum to the article published in Bull. Astron. Belgrade 146 (1992) 73), Bull. Astron. Belgrade, **148**, 65.

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.
- Popović, L.Č., Dimitrijević, M. S.: 1994, 1er Colloque Journées de Spectroscopie Moléculaire D.I.A.M. 30me Colloque sur la dynamique des Ions, Atomes et Molécules, Albi, P120.
836. (652) Djeniže, S., Labat, J. M., Purić, J.: 1993, *Stark broadening regularities along a VB Subgroup in the periodic system*, XXI ICPIG, Bochum, 227.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1995
Popović, L.Č., Dimitrijević, M. S.: 1995, in Astrophysical Applications of Powerful Databases, eds. S.J. Adelman, W.L. Wiese, ASP Conf. Series 78, 165.
- 1996
Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta 53, 325.
837. (653) Djeniže, S., Popović, L. Č., Labat, J., Srećković, A., Platiša, M.: 1993, *Stark Parameters of Several BII, CII and NIII Spectral Lines*, Contrib. Plasma Phys. 33, 193.
- 1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade 46.
- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
838. (654) Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B.: 1993, *Proportionality between plasma flow velocity and additional shift of H beta line from magnetized plasma*, XVI SPIG, Beograd, 193.
- 1994
Djurović, S., Mijatović, Z., Pavlov, M., Vujičić, B., Kobilarov, R.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 165.
839. (655) Djurović, S., Roberts, J. R.: 1993, *Hydrogen Balmer alpha line shapes for hydrogen-argon mixtures in a low-pressure rf discharge*, J. Appl. Phys., 74, 6558.
- 1994
Lipp, M.J., O'Brien, J.J.: 1994, *H-Alpha (Balmer) Spectral Profiles Obtained from H₂ RF Plasma Discharges Studied by Intracavity Laser Spectroscopy*, Chem.Phys.Lett. 227, 1.

Milan S.Dimitrijević

1995

- Laimer, J., Posch, R., Misslinger, G., Schwarzler, C.G., Stori, H.: 1995, *Determination of Absolute Hydrogen-Atom Densities by Lyman-Alpha Absorption*, Measurement Science and Technology, **6**, 1413.
- Lipp, M.J., O'Brien, J.J.: 1995, *Temperature and Population Measurements of n=2 Hydrogen - Atoms in H₂ RF Discharges from H-Alpha (Balmer) Spectral Profiles Obtained by Intracavity Laser Spectroscopy*, Chem. Phys. **192**, 355.
- Radovanov, S.B., Dzierzega, K., Roberts, J.R., Olthoff, J.K.: 1995, Appl. Phys. Lett. **66**, 2637.
- Roberts, J.R.: 1995, *Optical-Emission Spectroscopy on the Gaseous Electronics Conference RF Reference Cell*, J. Res. Nat. Inst. of Standards and Technology **100**, 353.
- Petrović, Z.L., Bzenić, S., Jovanović, J., Djurović, S.: 1995, *On Spatial - Distribution of Optical - Emission in Radio - Frequency Discharges*, J.Phys. D **28**, 2287.

840. (656)

- Erkapić, S., Vince, I.: 1993, *Influence of temperature gradient changes on Solar spectral line Profile parameters*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, **44**, 29.

1995

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

1996

- Vince, I.: 1996, Long-Term Variations of Solar Spectral Lines, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 41.

- Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

841. (657)

- Erkapić, S., Vince, I.: 1993, *Influence of pressure gradient changes on Solar spectral line profile parameters*, XVI SPIG, Beograd, 369.

1994

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

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

1995

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

1996

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

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

Vince, I., Skuljan, J., Popović, L.Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.

842. (658)

Glenzer, S., Uzelac, N.I., Kunze, H.-J.: 1993, *Stark broadening of 3s-3p transitions in F VII*, in Spectral Line Shapes 7, eds. R. Stamm, B. Talin, Nova, 119.

1994

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

Alexiou, S., Ralchenko, Yu.: 1994, *Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **49**, 3086.

Alexiou, S., Ralchenko, Yu.: 1994, *Erratum: Z scaling of the 3P-3S Li isoelectronic series transition: Quadrupole Stark broadening and resonances*, Phys. Rev. A **50**, 3552.

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

1995

Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. **75**, 3406.

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

Milan S.Dimitrijević

1996

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade 53, 67.

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 259.

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

Poquerusse, A., Alexiou, S., Leboucherdalimier, E.: 1996, *Width Functions for the Perturbative Dipole Impact Line-Broadening Theory with Correct Unitarity Cutoff*, JQSRT, 56, 797.

1997

Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1997, in Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 143.

844. (660)

Kršljanin, V.: 1993, *On the Spectral Line Broadening due to Collisions with Hydrogen Atoms: An Empirical Formula for the C_{j_2} Constant*, XVI SPIG, Beograd, 212.

1995

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

845. (661)

Kršljanin, V., Dimitrijević, M. S.: 1993, *Stark shifts of CIV lines in the spectrum of PG 1159-035*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, 44, 45.

1994

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

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

1996

Knežević, Z.: 1996, *Fizika i kretanje nebeskih tela*, Rezultati naučnih istraživanja iz oblasti astro i geo nauka: u periodu 1991-1995. godina, 7, ed. P.Nikolić, Ministarstvo za nauku i tehnologiju Republike Srbije, Beograd, 111.

847. (663)

Mijatović, Z., Kobilarov, R., Vujičić, B. T., Nikolić, D. Konjević, N.: 1993, *Simple method for deconvolution of a Gaussian and a plasma broadened spectral line profile $j_{A, R}(x)$* , JQSRT. 50, 329.

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

1994

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 177.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1994, XII ICSLS, Toronto, PA-3.

1995

Mijatović, Z., Konjević, N., Ivković, M., Kobilarov, R.: 1995, Phys. Rev. E, 51, 4891.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, Phys. Rev. E 51, 613.

Mijatović, Z., Konjević, N., Kobilarov, R., Djurović, S.: 1995, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 77.

1996

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

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

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 279.

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

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

1997

Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *On the Temperature Dependence of the Stark Broadening Parameters of Ar I 425.9 nm Line*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 315.

849. (665)

Popović, L. Č., Dimitrijević, M. S.: 1993, *Stark broadening parameters of singly ionized iodine lines*, 25th E. G. A. S. Conference Abstracts, Caen, Europhys. Conf. Abstracts Vol. 17 D P2-066.

1994

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

Milan S.Dimitrijević

- Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
850. (666) Popović, L. Č., Dimitrijević, M. S.: 1993, *On Stark broadening of heavy ion lines in spectra of CP stars: Sb II lines*, Int. Conf. on Chemically peculiar and magnetic stars on and close to upper main sequence, Stara Lesna, 5.
- 1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
851. (667) Popović, L. Č., Dimitrijević, M. S., Vince, I.: 1993, *Spectrum of CP stars: Stark width of heavy ion lines*, X Nac. Konf. Astron. Jugoslavije, Beograd, Publ. Obs. Astron. Belgrade, 44, 55.
- 1994
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.
852. (668) Popović, L. Č., Vince, I.: 1993, *Influence of the Gravitational Field on the Shape of spectral Lines of Seyfert Galaxies and Quasars*, IAU Symp. 159. Active Galactic Nuclei across the Electromagnetic Spectrum, Geneva, 55.
- 1996
Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **63**, 810.
853. (669) Popović, L. Č., Vince, I., Dimitrijević, M. S.: 1993, *Stark broadening of Zn II and Cd II spectral lines of astrophysical interest*, Astron. Astrophys. Suppl. Series, **102**, 17.
- 1994
Dimitrijević, M. S.: 1994, in *Chemically Peculiar and Magnetic Stars*, eds. J. Zverko, J.Žižnovsky, Astronomical Institute, Slovak Academy of Sciences, Tatranska Lomnica, 137.
Popović, L.Č.: 1994, Publ. Obs. Astron. Belgrade **46**.
Popović, L.Č.: 1994, Doktorska teza, Matematički fakultet, Beograd
Popović, L.Č., Dimitrijević, M.S., Vince, I.: 1994, Proc. of the 25th Workshop and Meeting of the Working Group on CP stars, eds. I.Jankovics, I.J. Vince, ELTE Gothard Astrophysical Observatory, Szombathely, 129.

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

- 1995
Popović, L.Č.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 465.
Popović, L.Č., Dimitrijević, M.S.: 1996, Physica Scripta **53**, 325.
855. (671) Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, *Stark widths measurements of several Fe II spectral lines from a³D-Z²D' multiplet (UV1)*, XXI ICPIG, Bochum, 261.
- 1995
Dimitrijević, M. S.: 1995, Astron.Astrophys.Suppl.Series **111**, 565.
- 1996
Purić, J.: 1996, Zh.Prikl.Spektrosk. **63**, 816.
856. (672) Purić, J., Djeniže, S., Srećković, A., Bukvić, S., Pivalica, S., Labat, J.: 1993, *Stark widths of singly-ionized iron spectral lines*, Astron. Astrophys. Suppl. Series, **102**, 607.
- 1994
Ochsenbein, F.: 1994, *New published data available at CDS*, Bull. Inform CDS, **44**, 79.
- 1995
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Programme and Abstracts, 75.
Dimitrijević, M. S.: 1995, 17th Symp. on Plasma Physics and Technology, Prague 1995, Proceedings, 302.
Dimitrijević, M.S.: 1995, Proc. of the First Hungarian-Yugoslav Astronomical Conference, Baja, eds. I. Vince, M.S. Dimitrijević, L. Balazs, Publ. Obs. Astron. Belgrade, **49**, 131.
Purić J.: 1995, Scientific Review, Series: Science and Engineering, **14**, 49.
- 1996
Sarandaev, E.V., Salakhov, M.Kh.: 1996, *Regularities in the Stark widths and shifts of spectral lines of singly-ionized aluminium*, JQSRT **56**, 399.
Sarandaev, E.V., Salakhov, M.K.: 1996, *Regularities for Stark Widths of Spectral-Lines of Singly Ionized Aluminum*, Optika i Spektroskopiya, **81**, 33.
857. (673) Skuljan, Lj.: 1993, *Štarkovo pomeranje spektralnih linija He I i Ar I*, Magistarski rad, Fizički fakultet, Beograd.
- 1994
Mišković, A.: 1994, Diplomski rad, Univerzitet u Beogradu.

Milan S.Dimitrijević

- Skuljan, Lj., Djeniže, S.: 1994, XVII Symp. Phys. Ioniz. Gases, Beograd, 183.
- 1995
- Skuljan Lj., Bukvić S., Srećković, A., and Djeniže S.: 1995, *Stark widths of Fe I and Ni I spectral lines*, Bull. Astron. Belgrade, 152, 17.
- Skuljan, Lj., Milosavljević, V., Srećković, A., Djeniže, S.: 1995, Bull. Astron. Belgrade, 151, 17.
- 1996
- Kovačević, A.: 1996, Univerzitet u Beogradu, Fizički fakultet, Beograd.
858. (674) Skuljan, Lj., Djeniže, S., Labat, J.: 1993, *Stark shifts of Ar I spectral lines*, Proc. X Nat. Conf. Yug. Astromers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 53.
- 1995
- Erkapić, S.: 1995, *Odredjivanje osetljivosti Fraunhoferovih linija na promene fotosferskih karakteristika*, Magistarski rad, Matematički fakultet, Beograd, 1995.
860. (676) Skuljan, J., Kubičela, A., Vince, I., Arsenijević, J., Popović, L. Č.: 1993, *Behavior of some Fraunhofer lines around maximum of solar activity*, Proc. X Nat. Conf. Yug. Astronomers, Belgrade, eds. M. S. Dimitrijević, D. Djurović, Publ. Obs. Astron. Belgrade, 44, 37.
- 1966
- Vince, I., Skuljan, J., Popović, L. Č., Kubičela, A., Arsenijević, J.: 1996, *Equivalent width variation of some Solar spectral lines*, XVIII Symp. Phys. Ioniz. Gases, Kotor, 520.
863. (679) Srećković, A., Djeniže, S., Platiša, M.: 1993, *Stark widths of several B III and O III spectral lines*, XVI SPIG, Beograd, 201.
- 1996
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, XIII ICSLS, Firenze, Consiglio Nazionale delle Ricerche, B-8.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1996, Astron. Astrophys. Suppl. Series, 119, 369.
- 1997
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 147.
864. (680) Stefanović, I., Ivković, M.: 1993, *The influence of ion dynamics on the line shape of He II 320.3 nm line*, XVI SPIG, Beograd, 206.
- 1996
- Purić, J.: 1996, Zh.Prikl.Spektrosk. 63, 816.

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

865. (681) Uzelac, N. I., Glenzer, S., Konjević, N., Hey, J. D., Kunze, H. -J.: 1993, *Plasma broadening of Ne II-Ne VI and F IV- F V spectral lines*, Phys. Rev. E 47, 3623.
- 1993
Purić, J.: 1993, XXI ICPIG, Proceedings III, Ruhr - Universitaet, Bochum, 34
- 1994
Blagojević, B., Popović, M.V., Konjević, N., Dimitrijević, M.S.: 1994, Phys. Rev E, 50, 2986.
Glenzer, S.: 1994, *Untersuchung von Besetzungsverteilungen in Ionen transienter Plasmen*, Ph.D Thesis, Fakultaet fuer Physik und Astronomie der Ruhr-Universitaet, Bochum.
- Glenzer, S., Hey, J.D., Kunze, H.-J.: 1994, *Stark broadening of spectral lines along the isoelectronic sequence of B*, J.Phys.B, 27, 413.
Perez, C., De la Rosa, I., Aparicio, J.A., Mar, S., Gigosos, M.A.: 1994, *Experimental study of two He I lines with forbidden components*, XII ICSLS, PA-4.
- 1995
Alexiou, S.: 1995, *Problems with the Standard Semiclassical Impact Line - Broadening Theory*, Phys. Rev. Lett. 75, 3406.
Alexiou, S., Maron, Y.: 1995, *Theoretically based closed form formulas for the collision operator for isolated ion lines in the standard Stark - broadening theory*, JQSRT 53, 109.
Glenzer,S.: 1995, *Line broadening of nonhydrogenic ions in plasmas*, in Spectral Line Shapes 8, eds. A.D.May, J.R.Drummond, E.Oks, AIP Conf. Proc. 328, American Institute of Physics, New York, 134.
- 1996
Djeniže, S., Labat, J.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 271.
Glenzer, S., Kunze, H.J.: 1996, *Stark-Broadening of Resonance Transitions in B-III*, Phys. Rev. A, 53, 2225.
Wrubel, Th., Glenzer, S., Buescher, S., Kunze, H.-J., Alexiou, S.: 1996, *Line profile measurements of the 2s3s-2s3p singlet and triplet transitions in Ne VII*, Astron. Astrophys., 306, 1023.
- 1997
Alexiou, S.: 1997, *Closing in on Stark Broadening for weakly coupled plasmas*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., 386, 79.