

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.

1988

- Halenka, J.: 1988, *Asymetry of the peaks of the H beta spectral line*, J. Quant. Spectrosc. Radiative Transfer, **39**, 347.

1990

- Halenka, J.: 1990, *Asymetry of Hydrogen Lines in Plasmas utilizing a Statistical Description of Ion -Quadrupole interaction in Mozer - Baranger Limit*, Z. Phys. D, **16**, 1.

1999

- Savić, I., Djurović, S., Vujičić, R., Kobilarov, R.: 1999, J. Res. Phys., **28**, 267.

2000

- Miljatović, M.: 2000, Dplomski rad, Prirodno matematički fakultet, Novi Sad.

- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.

1988

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

1999

- Mišković, D.: 1999, Diplomski rad, Fizički fakultet, Beograd.

2000

- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.

- Jelisavčić, M.: 2000, Diplomski rad, Fizički fakultet, Beograd.

Srećković, A., Djeniže, S.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 663.

1989

622. (449)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1989, *Tables for He I lines Stark broadening parameters*, Bull. Obs. Astron. Belgrade **141**, 57.

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Mijatović, Z.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.

1998

Vitel, Y., El Bezzari, M., D'yachkov, L. G., Kurilenkov, Yu. K.: 1998, *Profiles of neutral lines emitted from weakly nonideal helium plasmas produced in flashlamps*, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 51.

1999

Astashynski, V. M.: 1999, *The problems of plasma accelerator spectroscopy diagnostics*, J. Res. Phys., **28**, 199.

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Vitel, Y., El Bezzari, M., D'yachkov, L. G., Kurilenkov, Yu. K.: 1999, *Profiles of neutral lines emitted from weakly nonideal helium plasmas produced in flashlamps*, In: *Spectral Line Shapes 10*, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 183.

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.

1992

Wiese, W. L., Konjević, N.: 1992, JQSRT **47**, 185.

- 1995**
Djurović, S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 429.
- 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.
- 2000**
Astashynski, V. M.: 1999, *The problems of plasma accelerator spectroscopy diagnostics*, J. Res. Phys., 28, 199.
- 1990.**
627. Azinović, D., Pichler, G.: 1990, *Ultraviolet and Blue NaHg and NaCd Excimer Bands*, Appl. Phys. B, 51, 427.
- 1993**
Pichler, G., Azinović, D., Beuc, R.: 1993, *Satellite bands of the InHg excimer*, Fizika A, 1, 1.
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.
- 1998**
Dimitrijević, M. S.: 1998, *Astronomska spektroskopija*, Publ. Astron. Obs. Belgrade, 62, 1-116.
- 1999**
Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade 64, 37.
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.
- 1995**
Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.
- 1997**
Dimitrijević, M. S. 1997, *Astrophys. Space Sci.*, 252, 415.

Popović, L.Č., Dimitrijević, M. S.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, *Astronomical and Astrophysical Transactions*, 18, 163.

2000

Dimitrijević, M. S.: 2000, *Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000)*, Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, *Publ. Astron. Obs. Belgrade*, 68, 63.

Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, *Phys. Rev. E*, 62, 4137.

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.

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Burrows, A., Marley, M. S., Sharp, C. M.: 2000, *The near-infrared and optical spectra of methane dwarfs and brown dwarfs*, *Astrophysical Journal*, 531, 438.

640. (466)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Stark broadening of He I lines*, *Astron. Astrophys. Suppl. Series*, 82, 519.

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Leone, F., Lanzafame, A. C.: 1997, *Behavior of the HeI 587.6, 667.8, 706.5 and 728.1 nm Lines in B-Type Stars - On the Helium Stratification in the Atmosphere of Magnetic Helium Peculiar Stars*, Astron. Astrophys. **320**, 893.

Mijatović, Z.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.

1999

Konjević, N.: 1999, *Physics Reports*, **316**, 339.

2000

Milosavljević, V.: 2000, *Doktorska disertacija*, Fizički fakultet, Univerzitet u Beogradu, Beograd.

644. (470)

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

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

Kettlitz, M., Oltmanns, P.: 1996, *Shift of the Na-I 467 and 498-nm Lines in a Dense-Plasma*, Phys. Rev. E **54**, 6741.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Dimitrijević, M.S., Tankosić, D.: 2000, *Physica Scripta*, **62**, 177.

645. (471)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Line profile parameters for Li-like ions*, Annales de Physique, Coll. N° 3, Suppl. au N° 3, **15**, 77.

1997

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Griem, H. R.: 1999, *Review of Plasma Broadening of Spectral Lines from Multiply Ionized Non-Hydrogenic Atoms*, In: *Spectral Line Shapes 10*, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings 467, American Institute of Physics, Woodbury, New York, 3.

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

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

647. (473) Dimitrijević, M. S., Sahal-Bréchet, S.: 1990, *Tables for Na I lines Stark broadening parameters*, Bull. Obs. Astron. Belgrade **142**, 59.

1995

Dimitrijević, M. S.: 1995, *Physics of Ionized Gases*, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Kettlitz, M., Oltmanns, P.: 1996, *Shift of the Na-I 467 and 498-nm Lines in a Dense-Plasma*, Phys. Rev. E **54**, 6741.

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

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.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

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.

1998

Djeniže, S., Srećković, A.: 1998, Serb. Astron. J., **157**, 65.

2000

Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.

Djeniže, S., Milosavljević, V.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 87.

Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 273.

650. (476)

Djeniže, S., Srećković, A., Labat, J.: 1990, *Stark Width and Shift of Singly-Ionized Tin Spectral-Lines*, Z. Physik D, **17**, 85.

2000

Konjević, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 281.

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.

1995

Dimitrijević, M. S.: 1995, Physics of Ionized Gases, ed. D. Veža, Nova Science Publishers, Inc., 543.

1997

Milosavljević, V., Djeniže, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 75.

1998

Milosavljević, V., Konjević R., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Čuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 393.

Milosavljević, V., Djeniže, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.

Milosavljević, V., Djeniže, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 115.

Srećković, A., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 389.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. C. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 63.

Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.

Milosavljević, V., Konjević R., Djeniže, S.: 1999, Astron. Astrophys. Suppl. Series, **135**, 565.

2000

Djeniže, S.: 2000, Physica Scripta, **61**, 412.

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.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

1998

Djeniže, S., Milosavljević, V., Srećković, A.: 1998, J. Quant. Spectrosc. Radiative Transfer, **59**, 71.

2000

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

657. (483)

Djurović, S., Konjević, N., Dimitrijević, M. S.: 1990, *Stark broadening of halogen atom lines from (¹D)np levels*, Z. Phys. D **16**, 255.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

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.

1997

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

1998

Djeniže, S., Srećković, A.: 1998, Serb. Astron. J., **157**, 65.

1999

Djeniže, S., Bukvić, S., Mišković, D.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 67.

2000

Djeniže, S.: 2000, Physica Scripta, **61**, 412.

Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.

Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 51.

Djeniže, S., Bukvić, S.: *Transition probabilities in the 4s - 4p transitions in Ar IV spectrum*, 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 81.

665. (489)

Konjević N.: 1990, *Ion-dynamic effects in non-hydrogenic spectra*, in Spectral Line Shapes **6** (AIP Conf. Proc. **216**) eds. L. Fromhold, J. W. Keto, AIP, New York, 19.

1997

Mijatović, Z.: 1997, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.

1999

Konjević, N.: 1999, Physics Reports, **316**, 339.

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.
1997
Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.
1999
Konjević, N.: 1999, *Physics Reports*, **316**, 339.
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.
1997
del Val, J. A., Mar, S.: 1997, *Experimental Stark widths of Ne II spectral lines*, 29 EGAS (European Group for Atomic Spectroscopy), Berlin, Europhysics Conference Abstracts **21 C** (ed H. -D. Kronfeldt), 350.
Dimitrijević, M. S., Tankosić, D.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 31.
Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, JQSRT, **57**, 695.
Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.
Konjević, R.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 71.
Konjević, R., Konjević, N.: 1997, *Spectrochimica Acta B*, **52**, 2077.
Mijatović, Z.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.
Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 83.
Pellerin, S., Musiol, K., Chapelle, J.: 1997, *Measurement of Atomic Parameters of Singly Ionized Argon Lines .1. Experimental Procedure*, JQSRT **57**, 349.

- Pellerin, S., Musiol, K., Chappelle, J.: 1997, *Measurement of Atomic Parameters of Singly Ionized Argon Lines .3. Stark-Broadening Parameters*, JQSRT **57**, 377.
- Szymanski, Z., Kurzyna, J., Kalita, W.: 1997, *The Spectroscopy of the Plasma Plume Induced During Laser-Welding of Stainless- Steel and Titanium*, J. Phys. D **30**, 3153.
- Szymanski, Z., Peradzynski, Z., Kurzyna, J., Hoffman, J., Dudeck-M Degraaf, M., Lago, V.: 1997, *Spectroscopic Study of a Supersonic Jet of Laser-Heated Argon Plasma*, J. Phys. D **30**, 998.
- 1998**
- Aparicio, J. A., Gigosos, M. A., Gonzales, V. R., Perez, C., de la Rosa, M. I., Mar, S.: 1998, *Measurement of Stark-Broadening and Shift of Singly Ionized Ar Lines*, J. Phys. B, **31**, 1029.
- Aparicio, J. A., Perez, C., del Val, J. A., Gigosos, M. A., de la Rosa, M. I., Mar, S.: 1998, *Measurement of Stark-Broadening and Shift Parameters of Several Ar-I Lines*, J. Phys. B, **31**, 4909.
- Dimitrijević, M. S.: 1998, *Astronomical Spectroscopy*, Publ. Astron. Obs. Belgrade, **62**, 1-116.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Phys. Scripta, **58**, 61
- Dimitrijević, M. S., Tankosić, D.: 1998, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnaté Pleso, **27**, 335.
- Henč-Bartolić, V., Andreić, Ž., Stubičar, M., Kunze, H. J.: 1998, *Nitrogen laser beam interaction with copper surface*, Fizika A, **4**, 205.
- Milosavljević, V., Djeniže, S.: 1998, Astron. Astrophys. Suppl. Series, **128**, 197.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 131.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Čuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 381.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, *J. Res. Physics*, **27**, 133.

Richeboeuf, L., Pasquiers, S., Legentil, M., Puech, V.: 1998, *The Influence of H-2 and C2H6 Molecules on Discharge Equilibrium and F-Atom Production in a Phototriggered HF Laser Using SF6*, *J. Phys. D*, **31**, 373.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Blagojević, B., Popović, M. V., Konjević, N.: 1999, *Physica Scripta*, **59**, 374.

Del Val, J. A., Aparicio, J. A., Mar, S.: 1999, *Experimental Stark widths and shifts of several Ne I spectral lines*, *Astrophys. J.* **513**, 535.

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 55.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, *Astron. Astrophys. Suppl. Series*, **140**, 193.

Griem, H. R.: 1999, *Review of Plasma Broadening of Spectral Lines from Multiply Ionized Non-Hydrogenic Atoms*, In: *Spectral Line Shapes 10*, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 3.

Kohel, J. M., Su, L. K., Clemens, N. T., Vatghese, P. L.: 1999, *Emission, spectroscopic measurements and analysis of a pulsed plasma jet*, *IEEE Transactions on Magnetics*, **35**, 201.

Konjević, N.: 1999, *Physics Reports*, **316**, 339.

Lesage, A., Konjević, N., Fuhr, J. R.: 1999, In: *Spectral Line Shapes 10*, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 27.

Martinez Be, Blanco, F.: 1999, *Experimental and theoretical Stark width and shift parameters of neutral and singly ionized tin lines*, *J. Phys. B*, **32**, 241.

- Mijatović, Z., Nikolić, D., Djurović, S., Kobilarov, R., Konjević, N.: 1999, In: *Invited Lectures of the 2nd Yugoslav-Belarusian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas*, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, *Publ. Astron. Obs. Belgrade*, **66**, 47.
- Mišković, D.: 1999, *Štarkovo pomeranje spektralnih linija iz spektra jednostruko jonizovanog argona*, Diplomski rad, Fizički fakultet, Beograd.
- Mišković, D., Srećković, A., Bukvić, S., Djeniže, S.: 1999, *J. Res. Phys.*, **28**, 247.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, In: *Spectral Line Shapes 10*, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, *AIP Conference Proceedings* **467**, American Institute of Physics, Woodbury, New York, 191.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *J. Res. Phys.*, **28**, 185.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *J. Res. Phys.*, **28**, 251.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *J. Res. Phys.*, **28**, 255.
- Szymanski, Z., Lago, V., Lebehot, A., Dudeck, M., Peradzynski, Z.: 1999, *Spectroscopic Measurements of Argon Plasma in an Arcjet Nozzle*, *Proc. XXIV Int. Conf. Phen. Ioniz. Gases*, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 219.
- Wujec, T., Musielok, J.: 1999, *Diagnostics of Helium-Argon Arc Discharge Plasma based on Spectral Line Shape Measurements*, *Acta Physica Polonica A*, **95**, 221.
- 2000**
- del Val, J. A., Aparicio, J. A., Mar, S.: 2000, *Stark width measurements of Ne II spectral lines*, *Astrophys. J.*, **536**, 998.
- Dimitrijević, M.S., Tankosić, D.: 2000, *Physica Scripta*, **62**, 177.
- Djeniže, S.: 2000, *Serb. Astron. J.*, **161**, (2000), 89.
- Griem, H. R., Ralchenko, Yu. V.: 2000, *Electron collisional broadening of isolated lines from multiply ionized atoms*, *J. Quant. Spectrosc. Radiat. Transfer*, **65**, 287.

- Djurović, S., Mijatović, Z., Kobilarov, R., Nikolić, D.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 569.
- Konjević, N., Lesage, A., Fuhr, J. R., Wiese, W. L.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 29.
- Mar, S., Aparicio, J. A., de la Rosa, M. I., del Val, J. A., Gigosos, M. A., Gonzales, V. R., Perez, C.: 2000, *Measurement of Stark broadening and shift of visible N II lines*, J. Phys. B **33**, 1169
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 285.
- Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of ns - n'p and np - n's transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
683. Pichler, G.: 1990, *Metal excimers*, in Spectral Line Shapes 6, AIP Conf. Proc. **216**, 398.
- 1996**
- Azinović, D., Miločević, S., Pichler, G.: 1996, *Production of ${}^7\text{LiCd}$ from $\text{Cd} + {}^7\text{Li}_2 (F^1\Sigma^+g)$ reaction*, Fizika A, **5**, 167
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.
- 1998**
- Djeniže, S., Srećković, A.: 1998, Serb. Astron. J., **157**, 65.
- 2000**
- Djeniže, S.: 2000, Serb. Astron. J., **161**, (2000), 89.

697. (517) Vujičić, B. T., Pavlov, M., Mijatović, Z., Kobilarov, R., Djurović, S.: 1990/1991, *Asymmetry of H alpha line in weakly nonideal plasmas at line wings*, Review of Research, Faculty of Science, University of Novi Sad, **20/21**, 65.
2000
Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 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.
1998
Pintaske, R., Welzel, T., Schaller, M., Kahl, N., Hahn, J., Richter, F.: 1998, *Spectroscopic Studies of a Magnetron Sputtering Discharge for Boron-Nitride Deposition*, Surface and Coatings Technology, **99**, 266.
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.
1998
Dimitrijević, M. S.: 1998, *Astronomska spektroskopija*, Publ. Astron. Obs. Belgrade, **62**, 1-116.
1999
Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
713. (532) Dimitrijević, M. S., Sahal-Bréchet, S.: 1991, *Stark broadening of Li (I) lines*, JQSRT, **46**, 41.
1997
Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Zhao Zeng-xiu, Yuan Jian-min, Sun Yong-sheng: 1999, *Electron Interaction with Lithium Atoms and Electron Impact Broadening of the Lithium Resonance Line*, Chin. Phys. Lett. **16**, 885.

2000

Dimitrijević, M.S., Tankosić, D.: 2000, *Physica Scripta*, **62**, 177.

714. (532) Dimitrijević, M. S., Sahal-Bréchet, S.: 1991, *Semiclassical calculations of Stark broadening parameters*, Journal de Physique IV, Vol 1, Coll. **1**, Suppl. JP II, No 3, C1-111.

1996

Vogt, H. H. editor: 1996, *Stellar atmospheres: Atomic and molecular data*, Astronomy and Astrophysics, Extension and Supplement to Vol. 2, Subvolume B, Stars and Star Clusters, Landolt-Boernstein, Group VI: Astron. Astrophys. Volume 3, Springer, 57.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

715. (534) Dimitrijević, M. S., Sahal-Bréchet, S.: 1991, *Broadening of Li (I) lines by collisions with charged particles*, Bull. Obs. Astron. Belgrade **143**, 29.

1997

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the $ns - n'p$ and $np - n's$ transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

716. (535)

Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. I. C IV lines*, Astron. Astrophys. Suppl. Series **89**, 581.

1994

Godbert, L., Calisti, A., Stamm, R., Talin, B., Lee, R., Klein, L.: 1994, *Plasma diagnostics with spectral profile calculations*, Phys. Rev. E **49**, 5644.

1997

Dimitrijević, M. S. 1997, *Astrophys. Space Sci.*, **252**, 415.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Bull. Astron. Belgrade*, **155**, 131.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Bull. Astron. Belgrade*, **155**, 145.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva*, (eds. L.Č. Popović, M. Čuk), *Publ. Astron. Obs. Belgrade*, **57**, 15.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva*, (eds. L.Č. Popović, M. Čuk), *Publ. Astron. Obs. Belgrade*, **57**, 19.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva*, (eds. L.Č. Popović, M. Čuk), *Publ. Astron. Obs. Belgrade*, **57**, 27.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, *Astron. Astrophys. Suppl. Series*, **122**, 533.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Bull. Astron. Belgrade, **156**, 113.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, Bull. Astron. Belgrade, **156**, 149.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, IV Mezhdgosudarstvennyj simpozium po radiacionnoj plazmodinamike, Tezisi dokladov, Ministerstvo obshchego i profesional'nogo obrazovaniya Rossijskoj federacii Moskovskij Gosudarstvennyj tekhnicheskij universitet im. N. E. Baumana, NII Energeticheskogo mashinostroeniya MGTU im. N. E. Baumanna, Rossijskaya AN, Otdelenie fiziko-tekhnicheskikh problem energetiki RAN, Moskva, 1997, 242.

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

1998

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Atomic Data and Nuclear Data Tables **68**, 241.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **127**, 543.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 19.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 22.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 26.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **128**, 359.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **129**, 155.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Phys. Scripta, **58**, 61

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Serb. Astron. J., **157**, 39.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Serb. Astron. J., **157**, 65.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Serb. Astron. J., **157**, 93.

- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 78.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 81.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 84.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 87.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 91.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **130**, 539.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 689.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 685.

- Dimitrievich, M. S., Saha-Bresho, S.: 1998, *Zhurn. Prikl. Spektrosk.*, **65**, 476.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, *Serb. Astron. J.*, **158**, 81.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, *Serb. Astron. J.*, **158**, 93.
- Dimitrijević, M. S., Sahal - Bréchet, S.: 1998, *Astron. Astrophys. Suppl. Series*, **133**, 227.
- Popović, L.Č., Dimitrijević, M. S.: 1998, *Astron. Astrophys. Suppl. Series*, **128**, 203.
- Tankosić D., Popović, L.Č., Dimitrijević, M. S.: 1998, *Proc. 4th Yugoslav - Romanian Astronomical Meeting*, Eds. M. S. Dimitrijević, L. Č. Popović, *Publ. Obs. Astron. Belgrade* **60**, 83.
- Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1998, *6th EPS Conference on Atomic and Molecular Physics, Siena 1998*, eds. C. Biancalana, P. Bicchi, E. Mariotti, *Europhysics Conference Abstracts* **22D**, 5-18.
- Vennes, S., Dupuis, J., Chayer, P., Polomski, E. F., Dixon, W. V., Hurwitz, M.: 1998, *The Complete Spectral Energy-Distribution and the Atmospheric Properties of the Helium-Rich White-Dwarf MCT 0501-2858*, *Astrophys. J.*, **500**, L41.

1999

- Blagojević, B.: 1999, *Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd*.
- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, *J. Quant. Spectrosc. Radiat. Transfer*, **61**, 361.
- Dimitrijević, M. S.: 1999, *Serb. Astron. J.*, **159**, 65.
- Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998*, Ed. N. K. Spyrou, *Thessaloniki*, 63.
- Dimitrijević, M. S.: 1999, *Proc. 1st Bulgarian - Yugoslav Astronomical Meeting*, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, *Publ. Obs. Astron. Belgrade* **64**, 37.
- Dimitrijević, M. S.: 1999, *Astronomical and Astrophysical Transactions*, **18**, 163.
- Dimitrijević, M. S. Sahal-Bréchet, S.: 1999, *31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts* **23 D** (ed. F. Vedel), 218.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, *Serb. Astron. J.*, **159**, 73.

- Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 51.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, Astron. Astrophys. Suppl. Series, **140**, 191.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, Astron. Astrophys. Suppl. Series, **140**, 193.
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1999, Serb. Astron. J., **160**, 15.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 59.
- Popović, L. Č., Dimitrijević, M. S., Tankosić, D.: 1999, Serb. Astron. J., **159**, 59.
- Popović, L. Č., Dimitrijević, M. S., Tankosić D.: 1999, Astron. Astrophys., **139**, 617.
- Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1999, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts **23 D** (ed. F. Vedel), 245.
- Vennes, S., Thorstensen, J. R., Polomski, E. F.: 1999, *Stellar masses, kinematics, and white dwarf composition for three close DA+dMe binaries*, Astrophysical Journal, **523**, 386.
- 2000**
- Dimitrijević, M.S., Sahal-Bréchet, S.: 2000, Physica Scripta, **61**, 319.
- Dimitrijević, M.S., Tankosić, D.: 2000, Physica Scripta, **62**, 177.
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
- Popović, L. Č., Dimitrijević, M. S.: 2000, Physica Scripta, **61**, 192.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.

717. (536) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. II Si IV lines*, Astron. Astrophys. Suppl. Series 89, 591.
- 1992**
- Djeniže, S., Srećković, A., Labat, J., Purić, J., Platiša, M.: 1992, *Measured Stark widths of doubly and triply ionized silicon spectral lines*, J. Phys. B, **25**, 785.
- 1997**
- Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.
- 1998**
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **129**, 155.
- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- 2000**
- Dimitrijević, M.S., Tankosić, D.: 2000, Physica Scripta, **62**, 177.
718. (537) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. I: C IV lines*, Bull. Obs. Astron. Belgrade, **144**, 65.
- 1999**
- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, J. Quant. Spectrosc. Radiat. Transfer, **61**, 361.
- Dimitrijević, M. S.: 1999, Serb. Astron. J., **159**, 65.
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

719. (538) Dimitrijević, M. S., Sahal-Bréchet, S., Bommier, V.: 1991, *Stark broadening parameter tables for spectral lines of multicharged ions of astrophysical interest. II: Si IV lines*, Bull. Obs. Astron. Belgrade, **144**, 81.
1998
Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **129**, 155.
1999
Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
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.
1999
Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.
2000
Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.
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.
1997
Milosavljević, V., Djeniže, S.: 1997, Bull. Astron. Belgrade, **156**, 43.
Popović, L.Č., Dimitrijević, M. S.: 1997, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, J. Purić, Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.
Srećković, A., Bukvić, S., Djeniže, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 117.

1998

Djeniže, S., Milosavljević, V.: 1998, *Astron. Astrophys. Suppl. Series*, **131**, 355.

Milosavljević, V., Djeniže, S.: 1998, *Astron. Astrophys. Suppl. Series*, **128**, 197.

Srećković, A., Bukvić, S., Djeniže, S.: 1998, *Physica Scripta*, **57**, 225.

2000

Djeniže, S., Bukvić, S.: 2000, *Transition probabilities in the $4s' - 4p'$ and $4p' - 4d'$ transitions in Ar III spectrum*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, *Publ. Astron. Obs. Belgrade*, **67**, 55.

Djeniže, S., Milosavljević, V.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, *Publ. Astron. Obs. Belgrade*, **67**, 59.

Djeniže, S., Milosavljević, V.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, *Publ. Astron. Obs. Belgrade*, **68**, 87.

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, *Publ. Astron. Obs. Belgrade*, **68**, 119.

Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proceedings of the second Serbian - Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, *Publ. Astron. Obs. Belgrade*, **67**, 99.

Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, *Phys. Rev. E*, **62**, 4137.

725. (544)

Djeniže, S., Srećković, A., Labať, J., Platiša, M.: 1991, *Stark broadening and shift of O II spectral lines in higher multiplets*, *Z. Phys. D* **21**, 295.

1997

Milosavljević, V., Djeniže, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 75.

1998

Djeniže, S., Milosavljević, V., Srećković, A.: 1997, J. Quant. Spectrosc. Radiative Transfer, **59**, 71.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Blagojević, B., Popović, M. V., Konjević, N.: 1999, Physica Scripta, **59**, 374.

del Val, J. A., Aparicio, J. A., Gonzales, V., Mar, S.: 1999, *Measurement of Stark widths in single ionized oxygen*, Astron. Astrophys. Suppl. Series, **140**, 171.

Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.

Milosavljević, V., Djeniže, S.: 1999, J. Res. Phys., **28**, 243.

2000

Riviere, Ph., Perrin, M. Y., Soufiani, A.: 2000, *Stark broadening of N I, O I, N II, O II spectral lines for modelling radiative transfer in thermal air plasmas*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 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.

1999

Konjević, N.: 1999, Physics Reports, **316**, 339.

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.

1997

Popović, L.Č., Dimitrijević, M. S.: 1997, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.

1998

Djeniže, S., Srećković, A.: 1998, Serb. Astron. J., **157**, 65.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark parameters of spectral lines of neutral magnesium*, J. Quant. Spectrosc. Radiat. Transfer, **64**, 41.

740. (559)

Mijatović, Z., Pavlov, M., Djurović, S.: 1991, *Stark shifts of H beta line in dense hydrogen plasmas*, Phys. Rev. A, **43**, 6095.

1997

Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B. T.: 1997, Zh. Prikl. Spektrosk., **64**, 566.

1999

Savić, I., Djurović, S., Vujičić, R., Kobilarov, R.: 1999, J. Res. Phys., **28**, 267.

2000

Miljatović, M.: 2000, Dplomski rad, Prirodno matematički fakultet, Novi Sad.

Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.

Savić, I., Djurović, S., Vujičić, B., Kobilarov, R.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 309.

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.

1998

Pavlović, M. S., Marinković, M.: 1998, *Demixing Effect Induced by the Radial Electric-Field in the Cylindrically Shaped DC Plasma - Modeling and Experimental Investigation*, Spectrochimica Acta Part B, **53**, 81.

2000

Pavlović, M. S., Kuzmanović, M. M., Pavelkić, V. M., Marinković, M.: 2000, *The role of demixing effect in analyte emission enhancement by easily ionized elements in d.c. plasma*, Spectrochimica Acta B, **55**, 1373.

746. (565) Purić, J., Ćuk, M., Dimitrijević, M. S., Lesage, A.: 1991, *Regularities of stark parameters along the periodic table*, *Astrophys. J.*, **382**, 353.
- 1997**
- Dimitrijević, M. S., Sahal-Bréchet, S.: 1997, In: *Planetary Nebulae*, Eds. H. J. Habing, H. J. G. L. M. Lamers, Kluwer A. P., Dordrecht 219.
- Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Fizika plazmy i plazmennye tehnologii*, *Materialy konferencii*, Minsk 1997, Tom 2, 320.
- Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), *Publ. Astron. Obs. Belgrade*, **57**, 101.
- Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), *Publ. Astron. Obs. Belgrade*, **57**, 109.
- 1999**
- Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- 2000**
- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the $ns - n'p$ and $np - n's$ transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, *Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports*, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.
- Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, *J. Quant. Spectrosc. Radiat. Transfer*, **67**, 105.
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.

1997

Cedolin, R. J., Hargus, W. A., Storm, P. V., Hanson, R. K., Cappelli, M. A.: 1997, *Laser-Induced Fluorescence Study of a Xenon Hall Thruster*, Appl. Phys. B **65**, 459.

1998

Djeniže, S., Srećković, A.: 1998, Serb. Astron. J., **157**, 65.

Popović, L. Č., Vince, I., Dimitrijević, M. S.: 1998, Astron. Astrophys. Suppl. Series, **127**, 295.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark parameters of spectral lines of neutral magnesium*, J. Quant. Spectrosc. Radiat. Transfer, **64**, 41.

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.

1996

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.

1997

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Valognes, J. C., Bardet, J. P.: 1997, *Stark-Broadening of the 4471-Angstrom He(I) Spectral Lineshape in Dense Cool Plasmas - $1.0 \times 10^{17} \text{ cm}^{-3}$ Less Than N_e Less Than $1.1 \times 10^{18} \text{ cm}^{-3}$, $20,000 \text{ K}$ Less Than T_e Less Than $40,000 \text{ K}$* , JQSRT **56**, 855.

1999

Milosavljević, V., Djeniže, S.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 19.

2000

Bardet, J. P., Valognes, J. C., Vitel, Y.: 2000, *Complement to Stark broadening study of neutral He(I) spectral lineshapes in dense cold plasmas ($1.0 \times 10^{17} \text{ cm}^{-3} < 1.6 \times 10^{18} \text{ cm}^{-3}$, $20\,000 \text{ K} < T_e < 30\,000 \text{ K}$)*, J. Quant. Spectrosc. Radiat. Transfer **65**, 853.

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.

1993

Džimberg-Malčić, V., Beuc, R., Pichler, G.: 1993, *KCd spectral features in K+Na+Cd+Ar high pressure lamp*, *Fizika A*, **3**, 123.

1996

Azinović, D., Milošević, S., Pichler, G.: 1996, *Production of $^7\text{LiCd}$ from $\text{Cd}+^7\text{Li}_2(F^1\Sigma^+g)$ reaction*, *Fizika A*, **5**, 167

1997

Magnier, S., Angeli, C., Granucci, G., Masnou-Seeuws, F., Allegrini, M., Persico, M.: 1997, *Theoretical-Study of $\text{Na}(4P(2)P)+\text{Na}(3S(2)S)$ and $\text{Cd}(5P(3)P(0))+\text{Na}(3S(2)S)$ Collisions and Their Role in the Energy-Transfer Between Cd^* and Na* , *Z. Phys. D* **39**, 261.

1998

Polly, R., Gruber, D., Windholz, L., Gleichmann, M. M., Hess, B. A.: 1998, *Relativistic All-Electron Ab-Initio Calculations of Cshg Potential-Energy Curves Including Spin-Orbit Effects*, *J. of Chem. Phys.*, **109**, 9463.

1999

Polly, R., Dinev, S., Windholz, L., Milošević, S., Hess, B. A.: 1999, *Green bands of the CsHg molecule*, *J. Chem. Phys.*, **110**, 8992.

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

1993

Džimberg-Malčić, Beuc, R., Pichler, G.: 1993, *KCd spectral features in K+Na+Cd+Ar high pressure lamp*, *Fizika A*, **3**, 123.

1996

Azinović, D., Milošević, S., Pichler, G.: 1996, *Production of $^7\text{LiCd}$ from $\text{Cd}+^7\text{Li}_2(F^1\Sigma^+g)$ reaction*, *Fizika A*, **5**, 167

1997

Alonsomedina, A.: 1997, *Transition-Probabilities of 30 Pb-II Lines of the Spectrum Obtained by Emission of a Laser-Produced Plasma*, *Physica Scripta* **55**, 49.

Gruber, D.: 1997, *Production-Rates of Photochemical-Reactions by Pulsed-Laser Excitation on the Example of the NaHg Molecule*, *J. Phys. Chem. A*, **101**, 5205.

1998

Polly, R., Gruber, D., Windholz, L., Gleichmann, M. M., Hess, B. A.: 1998, *Relativistic All-Electron Ab-Initio Calculations of Cshg Potential-Energy Curves Including Spin-Orbit Effects*, J. of Chem. Phys., **109**, 9463.

1999

Polly, R., Dinev, S., Windholz, L., Milošević, S., Hess, B. A.: 1999, *Green bands of the CsHg molecule*, J. Chem. Phys., **110**, 8992.

1992.

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

1997

Smith, K. C.: 1997, *Elemental Abundances in Normal Late-B and HgMn Stars from Co-Added IUE Spectra .5. Mercury*, Astron. Astrophys. **319**, 928.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

764. (580) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Be II lines of astrophysical interest*, Bull. Astron. Belgrade **145**, 65.

1998

Konovalova, O. A., Sarandaev, E., V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Čuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern*, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

765. (581) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Ca II lines of astrophysical interest*, Bull. Astron. Belgrade, **145**, 81.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

766. (582) Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. Sc III and Ti IV lines*, Astron. Astrophys. Suppl. Series, **95**, 121.

1997

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

1998

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, Europhysics Conference Abstracts **22D**, 4-45.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Serb. Astron. J., **157**, 39.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 84.

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.

Dimitrijević, M. S., Sahal - Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **133**, 227.

Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1998, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, Europhysics Conference Abstracts **22D**, 5-18.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

767. (583)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IV. N V lines*, Astron. Astrophys. Suppl. Series, **95**, 109.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Khoitygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, Astron. Astrophys. Transactions, **12**, 85.

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Fizika plazmy i plazmennye tehnologii*, Materialy konferencii, Minsk 1997, Tom 2, 320.

Purić, J., Šćepanović, M., Ćuk, M.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 101.

1998

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.

Milosavljević, V., Djeniže, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.

Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.

1999

Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, *J. Quant. Spectrosc. Radiat. Transfer*, **61**, 361.

Dimitrijević, M. S.: 1999, *Serb. Astron. J.*, **159**, 65.

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.

Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

Djeniže, S., Srećković, A.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 659.

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

768. (584)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of Be II spectral lines*, *JQSRT*, **48**, 397.

1997

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Villoresi, P., Bidoli, P., Nicolosi, P.: 1997, *Absorption-Spectra and Oscillator Strength Ratio Measurements for Delta-N=1 Transitions from Excited-Levels of Be-I and Be-II*, JQSRT **57**, 847.

1998

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.

Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.

1999

Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, J. Quant. Spectrosc. Radiat. Transfer, **61**, 361.

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, Astrophys. J., **521**, 490.

Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

773. (589)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Rb I lines*, Bull. Astron. Belgrade, **146**, 97.

1997

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of ns - np' and ns - n's spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

774. (589)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for large quantum number C IV UV lines of interest for Extreme ultraviolet explorer mission*, Bull. Astron. Belgrade, **146**, 105.

1998

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the $ns-n'p$ and $np-n's$ transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.

2000

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the $ns - n'p$ and $np - n's$ transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

775. (591)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Be I lines of astrophysical interest*, Bull. Astron. Belgrade, **146**, 73.

1997

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

776. (592)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening parameter tables for Al I lines of astrophysical interest*, Bull. Astron. Belgrade, **146**, 83.

1997

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh., Fishman, I. S.: 1997, *Regularities in the Stark widths of $ns - np'$ and $ns - n's$ spectral lines for a series of neutral atoms*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Čuk), Publ. Astron. Obs. Belgrade, **57**, 109.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark widths of spectral lines of $ns - n'p$ and $np - n's$ transitions for a series of neutral atoms*, J. Quant. Spectrosc. Radiat. Transfer, **67**, 105.

777. (593)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1992, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VI. CIV lines of large principal quantum number*, Astron. Astrophys. Suppl. Series **96**, 613.

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, *Astron. Astrophys. Transactions*, **12**, 85.

1998

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, *Publ. Astron. Obs. Belgrade*, **61**, 151.

Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.

Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

778.,(594)

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

1997

Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, *Astron. Astrophys. Transactions*, **12**, 85.

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

1998

- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.
- Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.
- Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.

1999

- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, *J. Quant. Spectrosc. Radiat. Transfer*, **61**, 361.
- Dimitrijević, M. S.: 1999, *Serb. Astron. J.*, **159**, 65.
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Djeniže, S.: 1999, *J. Res. Phys.*, **28**, 231.
- Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.
- Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

- Dimitrijević, M.S., Tankosić, D.: 2000, *Physica Scripta*, **62**, 177.

- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.
- Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.
- Werner, K., Wolf, B.: 1999, *The EUV spectrum of the unique bare stellar core H1504+65*, *Astron. Astrophys.*, **347**, L9.
780. (596) Djeniže, S., Srećković, A., Labat, J.: 1992, *Stark shifts of singly-ionized nitrogen spectral lines*, *Astron. Astrophys.* **253**, 632.
- 1997**
- Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, *Astron. Astrophys. Transactions*, **12**, 85.
- Milosavljević, V., Djeniže, S.: 1997, *Bull. Astron. Belgrade*, **156**, 43.
- 1998**
- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 353.
- Milosavljević, V., Djeniže, S.: 1998, *Astron. Astrophys. Suppl. Series*, **128**, 197.
- 1999**
- Blagojević, B.: 1999, *Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.*
- Blagojević, B., Popović, M. V., Konjević, N.: 1999, *Physica Scripta*, **59**, 374.
- Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, *Physica Scripta*, **59**, 98.
- Konjević, N.: 1999, *Physics Reports*, **316**, 339.

- Milosavljević, V., Konjević R., Djeniže, S.: 1999, *Astron. Astrophys. Suppl. Series*, **135**, 565.
- 2000**
- Djeniže, S.: 2000, *Serb. Astron. J.*, **161**, 89.
- Mar, S., Aparicio, J. A., de la Rosa, M. I., del Val, J. A., Gigosos, M. A., Gonzales, V. R., Perez, C.: 2000, *Measurement of Stark broadening and shift of visible N II lines*, *J. Phys. B* **33**, 1169
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.
- 1997**
- Srećković, A., Bukvić, S., Djeniže, S.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), *Publ. Astron. Obs. Belgrade*, **57**, 117.
- 1998**
- Milosavljević, V., Konjević R., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, *Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports*, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 393.
- Srećković, A., Bukvić, S., Djeniže, S.: 1998, *Physica Scripta*, **57**, 225.
783. (599) Djeniže, S., Srećković, A., Labat, J., Purić, J., Platiša, M.: 1992, *Measured Stark widths of doubly and triply ionized silicon spectral lines*, *J. Phys. B* **25**, 785.
- 1997**
- Golovatyj, V. V., Sapar, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, *Astron. Astrophys. Transactions*, **12**, 85.
- 1998**
- Djeniže, S., Srećković, A.: 1998, *Serb. Astron. J.*, **157**, 65.
- 2000**
- Djeniže, S.: 2000, *Serb. Astron. J.*, **161**, 89.
- Gonzalez, V. R., Aparicio J. A., del Val, J. A., Mar, S.: 2000, *Stark width and shift measurements of visible Si III lines*, *Astron. Astrophys.*, **363**, 1177.
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.

1998

Alexiou, S., Calisti, A., Gauthier, P., Klein, L., Leboucherdalimier, E., Lee, R. W., Stamm, R., Talin, B.: 1997, *Aspects of Plasma Spectroscopy - Recent Advances*, JQSRT, **58**, 399.

2000

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Stark width of spectral lines dependence for the ns - n'p and np - n's transitions of Li-like ions*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 15.

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.

1997

Alexiou, S., Calisti, A., Gauthier, P., Klein, L., Leboucher-Dalimier, E., Lee, R. W., Stamm, R., Talin, B.: 1997, *Aspects of plasma spectroscopy: Recent advances*, J. Quant. Spectrosc. Radiative Transfer **58**, 399.

Glenzer, S. H., Wrubel, T., Kunze, H. J., Godbert-Mouret, L.: 1997, *Investigation of a Short-Wavelength Laser-Plasma of a Gas-Liner Pinch Discharge*, Phys. Rev. E **55**, 939.

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Griem, H. R., Ralchenko, Y. V., Bray, I.: 1997, *Stark-Broadening of the B-III 2S-2P Lines*, Physical Review E, **56**, 7186.

Hegazy, H., Buescher, S., Kunze, H. J., Wrubel, Th.: 1997, *Profiles of transitions in Ar VIII*, J. Quant. Spectrosc. Radiative Transfer **58**, 627.

1998

- Ahmad, I., Buscher, S., Wrubel, T., Kunze, H. J.: 1998, *Experimental Stark Widths of Kr-III*, Physical Review E, **58**, 6524.
- Djeniže, S., Platiša, M., Srećković, A.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
- Milosavljević, V., Djeniže, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.
- Wrubel, T., Ahmad, I., Buscher, S., Kunze, H. J.: 1998, *Stark-Broadening Along the Berylliumlike Sequence*, Physical Review E, **57**, 5972.

1999

- Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.
- Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, J. Quant. Spectrosc. Radiat. Transfer, **61**, 361.
- Cao, C. Q., Cao, H.: 1999, *Line profile and additional broadening in a dissipative medium*, J. of Optics B - Quantum and Semiclassical Optics, **1**, 325.
- Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 59.
- Djeniže, S.: 1999, J. Res. Phys., **28**, 231.
- Griem, H. R.: 1999, *Review of Plasma Broadening of Spectral Lines from Multiply Ionized Non-Hydrogenic Atoms*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 3.
- Konjević, N.: 1999, Physics Reports, **316**, 339.

2000

- Buscher, S., Wrubel, T., Kunze, H. J.: 2000, *Technical setup and physical properties of a gas-liner pinch*, Nukleonika, **45**, 167.
- Djeniže, S., Srećković, A.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 659.
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.

- Griem, H. R., Ralchenko, Yu. V.: 2000, *Electron collisional broadening of isolated lines from multiply ionized atoms*, J. Quant. Spectrosc. Radiat. Transfer, **65**, 287.
- Hong, D., Dussart, R., Cachoncinlle, C., Rosenfeld, W., Gotze, S., Pons, J., Viladrosa, R., Fleurier, C., Pouvesle, J. M.: 2000, *Study of a fast ablative capillary discharge dedicated to soft x-ray production*, Review of Scientific Instruments, **71**, 15.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.
- Wrubel, Th., Buescher, S.: 2000, *Measurement of the Resonance Transition in C IV in a Gas-Liner Pinch Device*, Contributions to Plasma Physics, **40**, 178.
- Wrubel, Th., Buescher, S., Kunze, H. J.: 2000, *Radially and axially resolved Thomson scattering on a gas - liner pinch*, Plasma Physics and Controlled Fusion, **42**, 519.
790. (606) Kuraica, M., Konjević, N.: 1992, *Line shapes of atomic hydrogen in a plane-cathode abnormal glow discharge*, Phys. Rev. A, **46**, 4429.
- 1996
- 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.
- 1998
- Videnović, I. R.: 1998, Academia, **6**, Zadužbina Andrejević, Beograd.
- 1999
- Donko, Z., Bano, G., Szalai, L., Kutasi, K., Rozsa, K., Pinheiro, M., Pinhao, N.: 1999, *Investigations on the effect of constriction in the cathode region of argon glow discharges*, J. Phys. D, **32**, 2416.
- Kantar, B., Šišović, N. M., Platiša, M.: 1999, *The deconvolution of spectral line profiles obtained by Fabry-Perot interferometer*, J. Res. Phys., **28**, 271.
791. (607) Kuraica, M., Konjević, N., Platiša, M., Pantelić, D.: 1992, *Plasma diagnostics of the Grimm-type glow discharge*, Spectrochimica Acta **47B**, 1173.

1996

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.

1997

Borkowska-Burnecka, J., Zyrnicki, W.: 1997, *Emission Characteristics of the DC, 100 KHz and 13.5 MHz Hollow-Cathode Discharges*, *Spectrosc. Lett.* **30**, 701.

Kuraica, M. M., Konjević, N.: 1997, *Electric field measurement in the cathode fall region of a glow discharge in helium*, *Appl. Phys. Lett.*, **70**, 1521.

Kuraica, M. M., Konjević, N., Obradović, B. M.: 1997, *Fizika plazmy i plazmennye tehnologii*, *Materialy konferencii*, Minsk 1997, Tom 2, 352.

Obradović, B. M., Kuraica, M. M., Konjević, N., Platiša, M.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), *Publ. Astron. Obs. Belgrade*, **57**, 87.

Videnović, I. R., Konjević, N., Kuraica, M. M.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), *Publ. Astron. Obs. Belgrade*, **57**, 125.

1998

Bogaerts, A., Gijbels, R.: 1998, *Fundamental - Aspects and Applications of Glow - Discharge Spectrometric Techniques*, *Spectrochimica Acta Part B - Atomic Spectroscopy*, **53**, 1.

Bogaerts, A., Gijbels, R.: 1998, *Modeling of Argon Direct-Current Glow-Discharges and Comparison with Experiment - How Good Is the Agreement - Invited Lecture*, *J. Analyt. Atomic Spectrometry*, **13**, 945.

Konjević, N., Videnović, I. R., Kuraica, M. M.: 1998, *Emission-Spectroscopy of the Cathode Fall Region of an Analytical Glow-Discharge*, *J. Phys. IV*, **7**, C4, 247.

Kuraica, M. M., Konjević, N., Obradović, B. M.: 1998, *19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports*, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 465.

Videnović, I. R.: 1998, *Academia*, **6**, Zadužbina Andrejević, Beograd.

1999

Ivković M., Konjević, N.: 1999, *J. Res. Phys.*, **28**, 231.

2000

Jovićević, S., Ivković, M., Pavlović, Z., Konjević, N.: 2000, *Parametric study of an atmospheric pressure microwave induced plasma of the mini MIP torch - I. Two - dimensional spatially resolved electron-number density measurements*, Spectrochimica Acta B, **55**, 1879.

Majstorović, G. Lj., Obradović, B. M., Kuraica, M. M., Konjević, N.: 2000, *Spatial distribution of rotational and vibrational N^{+2} and N_2 temperatures in an abnormal glow discharge*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 369.

Obradović, B. M., Kuraica, M. M., Purić, J., Konjević, N.: 2000, *Axial distribution of line intensities in the Grimm type glow discharge*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 365.

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.

1997

Mihajlov, A. A., Dimitrijević, M. S.: 1997, *Processes involving ion atom complexes in weakly ionized laboratory and astrophysical plasmas*, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, J. Purić, Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 487.

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.

1997

Milosavljević, V., Djeniže, S.: 1997, Bull. Astron. Belgrade, **156**, 43.

1998

Djeniže, S., Milosavljević, V., Srećković, A.: 1998, *J. Quant. Spectrosc. Radiative Transfer*, **59**, 71.

Milosavljević, V., Djeniže, S.: 1998, *Astron. Astrophys. Suppl. Series*, **128**, 197.

2000

Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, *Phys. Rev. E*, **62**, 4137.

Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, *J. Phys. B*, **33**, 4873.

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.

1996

Vince, I.: 1996, in *Low temperature and general plasmas*, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 213.

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.

1998

Stojanović, V. D., Petrović, Z. L.: 1998, *Comparison of the Results of Monte-Carlo Simulations with Experimental-Data for Electron Swarms in N-2 from Moderate to Very High-Electric-Field to Gas-Density Ratios (E/N)*, *J. Phys. D*, **31**, 834.

2000

Malović, G. N., Strinić, A. I., Petrović, Z. L., Božin, J. V., Manola, S. S.: 2000, *Electron excitation coefficients for 2p and 3p levels of Xe*, *European Phys. J. D*, **10**, 147.

799. (615) Wiese, W. L., Konjević, N.: 1992, *Regularities in experimental Stark shifts*, *JQSRT* **47**, 185.

1997

Dimitrijević, M. S., Tankosić, D.: 1997, *Proc. II Yug. Conf. on Spectral Line Shapes*, Bela Crkva, (eds. L.Č. Popović, M. Čuk), *Publ. Astron. Obs. Belgrade*, **57**, 31.

Golovatyj, V. V., Sapor, A., Feklistova, T., Kholtygin, A. F.: 1997, *Catalogue of Atomic Data for Low-Density Astrophysical Plasma*, *Astron. Astrophys. Transactions*, **12**, 85.

Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.

Malović, G. N., Bozin, J. V., Jelenković, B. M., Petrović, Z. L.: 1997, *Electron-Excitation Coefficients for 2P State of Neon*, Nuclear Instruments and Methods in Physics Research B **129**, 317.

Pellerin, S., Musiol, K., Chapelle, J.: 1997, *Measurement of Atomic Parameters of Singly Ionized Argon Lines .3. Stark-Broadening Parameters*, JQSRT **57**, 377.

1998

Dimitrijević, M. S., Tankosić, D.: 1998, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnaté Pleso, **27**, 335.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, J. Quant. Spectrosc. Radiat. Transfer, **61**, 361.

Griem, H. R.: 1999, *Review of Plasma Broadening of Spectral Lines from Multiply Ionized Non-Hydrogenic Atoms*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 3.

Konjević, N.: 1999, Physics Reports, **316**, 339.

Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, Astron. Astrophys., **350**, 719.

2000

Dimitrijević, M.S., Tankosić, D.: 2000, Physica Scripta, **62**, 177.

Popović, L. Č., Dimitrijević, M. S.: 2000, Physica Scripta, **61**, 192.

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark parameters of spectral lines of neutral magnesium*, J. Quant. Spectrosc. Radiat. Transfer, **64**, 41.

1993

805. (621)

Dimitrijević, M. S.: 1993, *Stark-broadening parameters of spectral lines of astrophysical interest of neutral palladium*, Astron. Astrophys. Suppl. Ser., **100**, 593.

1997

Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, **XXIII A**, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

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.

1997

Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, **XXIII**, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.

Purić, J., Šćepanović, M., Ćuk, M.: 1997, Fizika plazmy i plazmennye tehnologii, Materialy konferencii, Minsk 1997, Tom 2, 320.

1998

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.

Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, Astrophys. J., **521**, 490.

Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

812. (628) Dimitrijević, M. S.: 1993, *Stark widths of fourthly and fifthly charged ion lines*, *Astrophys. Lett. and Communications* **28**, 381.
- 1997**
Popović, L.Č., Dimitrijević, M. S.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.
- 1998**
Bohlender, D. A., Dworetzky, M. M., Jomaron, C. M.: 1998, *Isotopic anomalies of platinum in the mercury manganese star HR-7775*, *Astrophys. J.*, **504**, 533.
Purić, J., Šćepanović, M.: 1998, *Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998*, Eds. M. S. Dimitrijević, V. S. Burakov, *Publ. Astron. Obs. Belgrade*, **61**, 151.
Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.
- 2000**
Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, *Zbornik radova, knjiga II*, Jugoslovensko društvo fizičara, 667.
813. (629) Dimitrijević, M. S.: 1993, *Stark broadening of Pt II lines in chemically peculiar stars*, *Astrophys. Lett. and Communications* **28**, 385.
- 1997**
Popović, L.Č., Dimitrijević, M. S.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.
Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Fizika plazmy i plazmennye tehnologii, Materialy konferencii, Minsk 1997, Tom 2*, 320.
- 1999**
Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998*, Ed. N. K. Spyrou, Thessaloniki, 63.
817. (633) Dimitrijević, M. S., Popović L. Č.: 1993, *Stark broadening of Bi II lines of astrophysical interest*, *Astron. Astrophys. Suppl. Series* **101**, 583.

1997

Popović, L.Č., Dimitrijević, M. S.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998*, Ed. N. K. Spyrou, Thessaloniki, 63.

818. (634)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of Ca II spectral lines*, *JQSRT*, **49**, 157.

1997

Feautrier, N.: 1997, *Working group 4: Line broadening*, in *Reports on Astronomy*, ed. Appenzeller, I., *Transactions of the IAU, XXIII A*, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.

1997

Purić, J., Šćepanović, M.: 1998, *Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998*, Eds. M. S. Dimitrijević, V. S. Burakov, *Publ. Astron. Obs. Belgrade*, **61**, 151.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998*, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, *Zbornik radova, knjiga II*, Jugoslovensko društvo fizičara, 667.

Ryabchikova, T. A., Malanushenko, V. P., Adelman, S. J.: 1999, *Orbital elements and abundance analyses of the double-lined spectroscopic binary alpha Andromedae*, *Astron. Astrophys.*, **351**, 963.

819. (635)

Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Al III lines*, *Bull. Astron. Belgrade*, **147**, 35.

1999

Dimitrijević, M. S.: 1999, *Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998*, Ed. N. K. Spyrou, Thessaloniki, 63.

821. (637) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VIII. S VI lines*, Astron. Astrophys. Suppl. Series, **100**, 91.
- 1997**
- Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, **XXIII A**, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.
- 1998**
- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
831. (647) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. VII. Al III lines*, Astron. Astrophys. Suppl. Series **99**, 585.
- 1998**
- Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.
- 2000**
- Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

832. (648) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. IX. F VII lines*, Astron. Astrophys. Suppl. Series **101**, 587.
- 1997**
- Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, XXIII A, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.
- 1998**
- Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 1998, *Regularities in the behaviour of the Stark widths of spectral lines of the ns-n'p and np-n's transitions for ions with different multiplicities of ionization*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 365.
- Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.
- Purić, J., Šćepanović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.
- Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.

2000

Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

833. (649) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Al XI and Si XII lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 21.

1998

Dimitrijević, M. S., Sahal-Bréchet, S.: 1998, Astron. Astrophys. Suppl. Series, **129**, 155.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

834. (650) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Ne VIII and Na IX lines of astrophysical interest*, Bull. Astron. Belgrade, **148**, 29.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

835. (651) Dimitrijević, M. S., Sahal-Bréchet, S.: 1993, *Stark broadening parameter tables for Be I lines of astrophysical interest* (Addendum to the article published in Bull. Astron. Belgrade **146** (1992) 73), Bull. Astron. Belgrade, **148**, 65.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

837. (653) Djeniže, S., Popović, L. Č., Labat, J., Srećković, A., Platiša, M.: 1993, *Stark Parameters of Several B II, C II and N III Spectral Lines*, Contrib. Plasma Phys. **33**, 193.
- 1997**
Milosavljević, V., Djeniže, S.: 1997, Bull. Astron. Belgrade, **156**, 43.
- 1998**
Djeniže, S., Milosavljević, V.: 1998, Astron. Astrophys. Suppl. Series, **131**, 355.
- Srećković, A., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 389.
- 1999**
Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.
- 2000**
Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.
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.
- 1997**
Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B. T.: 1997, Zh. Prikl. Spektrosk., **64**, 566.
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.
- 1996**
Vince, I.: 1996, in Low temperature and general plasmas, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 213.
841. (657) Erkapić, S., Vince, I.: 1993, *Influence of pressure gradient changes on Solar spectral line profile parameters*, XVI SPIG, Beograd, 369.
- 1996**
Vince, I.: 1996, in Low temperature and general plasmas, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 213.

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.
- 1997**
Alexiou, S., Calisti, A., Gauthier, P., Klein, L., Leboucher-Dalimier, E., Lee, R. W., Stamm, R., Talin, B.: 1997, *Aspects of plasma spectroscopy: Recent advances*, *J. Quant. Spectrosc. Radiative Transfer* **58**, 399.
- 1998**
Djeniže, S., Platiša, M., Srećković, A.: 1998, *19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports*, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
- 1999**
Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, *J. Quant. Spectrosc. Radiat. Transfer*, **61**, 361.
Konjević, N.: 1999, *Physics Reports*, **316**, 339.
846. (662) Kršljanin, V., Peach, G.: 1993, *The Broadening of Sodium Lines by atomic Hydrogen*, in *Spectral Line Shapes 7*, eds. R. Stamm, B. Talin, Nova, 527.
- 2000**
Leininger, T., Gadea, F. X., Dickinson, A. S.: 2000, *Broadening of the sodium 568.8, 589, 615.4 and 819.4 nm lines by atomic hydrogen*, *J. Phys. B*, **33**, 1805.
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.
- 1997**
Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *JQSRT*, **57**, 695.
Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *Spectral Line Shapes Vol. 9*, eds. M. Zoppi, L. Ulivi, *AIP Conf. Proc.*, **386**, 315.
Mijatović, Z.: 1997, in: *The Physics of ionized gases (18th SPIG)* eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.

Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1997, *Use of -He(I) 447.1-nm Line with Forbidden Component for Electron Density Determination in Plasmas*, Appl. Spectrosc., **51**, 396.

1998

Nikolić, D. Lj.: 1998, Magistarski rad, Univerzitet u Beogradu, Fizički fakultet, Beograd.

Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 1998, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 46.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 385.

1999

Konjević, N.: 1999, Physics Reports, **316**, 339.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 185.

2000

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

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.

1997

Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, **XXIII**, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.

Popović, L. Č., Dimitrijević, M. S.: 1997, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.

1998

Popović, L. Č., Vince, I., Dimitrijević, M. S.: 1998, Astron. Astrophys. Suppl. Series, **127**, 295.

Purić, J., Šćepanović, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Purić, J., Šćepanović, M.: 1999, *Astrophys. J.*, **521**, 490.

2000

Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

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.

1997

Feautrier, N.: 1997, *Working group 4: Line broadening*, in Reports on Astronomy, ed. Appenzeller, I., Transactions of the IAU, **XXIII**, Kluwer Acad. Publ., Dordrecht, Boston, London, 23.

2000

Sarandaev, E. V., Konovalova, O. A., Salakhov, M. Kh.: 2000, *Regularities in the Stark parameters of spectral lines of neutral magnesium*, *J. Quant. Spectrosc. Radiat. Transfer*, **64**, 41.

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.

1996

Vince, I.: 1996, in Low temperature and general plasmas, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 213.

863. (679) Srećković, A., Djeniže, S., Platiša, M.: 1993, *Stark widths of several B III and O III spectral lines*, XVI SPIG, Beograd, 201.

1999

Griem, H. R.: 1999, *Review of Plasma Broadening of Spectral Lines from Multiply Ionized Non-Hydrogenic Atoms*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 3.

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.
- 1997**
- Alexiou, S., Calisti, A., Gauthier, P., Klein, L., Leboucher-Dalimier, E., Lee, R. W., Stamm, R., Talin, B.: 1997, Aspects of plasma spectroscopy: Recent advances, J. Quant. Spectrosc. Radiative Transfer **58**, 399.
- Griem, H. R.: 1997, *Principles of Plasma Spectroscopy*, Cambridge Monographs of Plasma Physics 2, Cambridge University Press.
- 1998**
- Alexiou, S., Calisti, A., Gauthier, P., Klein, L., Leboucherdalimier, E., Lee, R. W., Stamm, R., Talin, B.: 1997, *Aspects of Plasma Spectroscopy - Recent Advances*, JQSRT, **58**, 399.
- 1999**
- Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.
- Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.
- Konjević, N.: 1999, Physics Reports, **316**, 339.
- 2000**
- Blagojević, B., Popović, M. V., Konjević, N.: 2000, J. Quant. Spectrosc. Radiative Transfer, **67**, 9.
- Buscher, S., Wrubel, T., Kunze, H. J.: 2000, *Technical setup and physical properties of a gas-liner pinch*, Nukleonika, **45**, 167.
- del Val, J. A., Aparicio, J. A., Mar, S.: 2000, *Stark width measurements of Ne II spectral lines*, Astrophys. J., **536**, 998.
- Dimitrijević, M.S., Sahal-Bréchet, S.: 2000, Physica Scripta, **61**, 319.
- Djeniže, S., Milosavljević, V.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 59.

Milosavljević, V., Dimitrijević, M. S.Djenize, S.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 277.

Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.