

M21) PAPERS IN LEADING INTERNATIONAL JOURNALS – (SCI in best 30%)

1) M.Ivković, N.Konjević,

Glow-to-arc transitions in a hollow cathode CO₂ laser

Japanese Journal of Applied Physics vol. **34** (1995) Part I no. 10 (October) 5610 - 5614

DOI : <http://dx.doi.org/10.1143/JJAP.34.5610>

SCI = 1.363 (1992); M21 (14/48 – Physics, Applied)

1.275 (1998); M21 (19/66 – Physics, Applied)

2) Z.Mijatović, N.Konjević, M.Ivković, R.Kobilarov,

Influence of ion dynamics on the width and shift of isolated He I lines in plasmas. II

Physical Review E **51**, 4891- 4896 (1995)

DOI: <http://dx.doi.org/10.1103/PhysRevE.51.4891>

SCI = 2.508 (2008); M21 (4/26 – Physics, fluids and plasmas);

3) S.Jovičević, M.Ivković, Z.Pavlović, N.Konjević,

Parametric study of an atmospheric pressure microwave induced plasma of the Mini MIP torch: I.

Two-dimensional spatially resolved electron number density measurements, *Spectrochim.Acta B* **55**, 1879 - 93 (2000)

DOI: [http://dx.doi.org/10.1016/S0584-8547\(00\)00285-8](http://dx.doi.org/10.1016/S0584-8547(00)00285-8)

SCI = 2.608 (2000); M21 (8/37 – Spectroscopy);

4) S.Jovičević, M.Ivković, N.Konjević,

Parametric study of an atmospheric pressure microwave induced plasma of the Mini MIP torch :

II. Two-dimensional spatially resolved excitation temperature measurements,

Spectrochim.Acta B **56**, 2419 - 2428 (2001)

DOI: [http://dx.doi.org/10.1016/S0584-8547\(01\)00305-6](http://dx.doi.org/10.1016/S0584-8547(01)00305-6)

SCI = 2.608 (2000); M21 (8/37 – Spectroscopy);

5) R.Zikić, M.A.Gigosos, M.Ivković, M.A.Gonzalez, N.Konjević,

A program for the evaluation of electron number density from experimental hydrogen Balmer beta line profiles,

Spectrochim.Acta B **57**, 987 - 998 (2002)

DOI: [http://dx.doi.org/10.1016/S0584-8547\(02\)00015-0](http://dx.doi.org/10.1016/S0584-8547(02)00015-0)

SCI = 2.695 (2002); M21 (7/38 – Spectroscopy);

6) S.Jovičević, M.Ivković, N.Konjević, S.Popovic, L. Vuskovic,

Excessive Balmer line broadening in microwave-induced discharges,

Journal of Applied Physics **95**, (2004)

DOI: <http://dx.doi.org/10.1063/1.1629133>

SCI=2.498 (2005) (M21 - 12/83– Physics, Applied)

7) M.Ivković, S. Jovičević, N. Konjević:

Low electron density diagnostics: development of optical emission spectroscopic techniques and some applications to microwave induced plasmas, **REVIEW**

Spectrochimica Acta B **59**, 591 - 605, (2004)

DOI: <http://dx.doi.org/10.1016/j.sab.2004.02.005>

SCI = 3.086 (2004); M21 (7/39 – Spectroscopy);

8) M.Ivković, N.Ben Nessib, N.Konjević

Stark broadening of 3s ³P⁰ - 3p ³D and 3p ³D - 3d ³F⁰ transitions along carbon isoelectronic sequences of ions, revisited,

J. Phys. B: At. Mol. Opt. Phys. **38** (2005) 715 - 728

DOI: <http://dx.doi.org/10.1088/0953-4075/38/6/010>
SCI = 2.024 (2006); M21 (9/55 – Optics);

9) S Jovičević, M Ivković, R Zikic, N Konjević

On the Stark broadening of Ne I lines and quasi-static versus ion impact approximation,
J. Phys. B: At. Mol. Opt. Phys. **38**, 1249 - 1259 (2005)

DOI: <http://dx.doi.org/10.1088/0953-4075/38/8/014>

SCI = 2.024 (2006); M21 (9/55 – Optics);

10) M Ivković, R Zikic, S Jovičević, N Konjević,

On simultaneous determination of electron impact width, ion-broadening and ion-dynamic parameter from the shape of plasma broadened non-hydrogenic atom line

J. Phys. B: At. Mol. Opt. Phys. **39** (2006) 1773 - 1785

DOI: <http://dx.doi.org/10.1088/0953-4075/39/7/019>

SCI = 2.024 (2006); M21 (9/55 – Optics);

11) S. Jovičević, N. Sakan, M. Ivković, N. Konjević

Spectroscopic study of hydrogen Balmer lines in a microwave induced discharge
Journal of Applied Physics **105**, 013306 (2009).

DOI: <http://dx.doi.org/10.1063/1.1629133>

SCI = 2.201 (2008) (M21 - 20/96 – Physics, Applied).

12) N Konjević, S. Jovičević and M. Ivković

Optical emission spectroscopy for simultaneous measurement of plasma electron density and temperature in a low-pressure microwave induced plasma.

Physics of plasmas **16**, 103501, (2009).

DOI: <http://dx.doi.org/10.1063/1.3240325>

SCI = 2.475 (2009); M21 (6/28 – Physics, fluids & plasmas);

13) D. K. Božanić, M. Ivković, N. Bibić, J. Hegewald, J. Piontecký, R. Žikić, V. Djoković

PS-NH₂+PMMA-COOH blend: a promising substrate material for the deposition of densely packed gold nanoparticles

Phys. Status Solidi RRL **4**, 85 - 87 (2010).

DOI: <http://dx.doi.org/10.1002/pssr.201004046>

SCI = 2.815 (2010) M21 (40/225 – Material science, Multidisciplinary);

14) M. Ivković, M. A. Gonzalez, S. Jovičević, M. A. Gigosos, N. Konjević

A simple line shape technique for electron number density diagnostics of helium and helium-seeded plasmas

Spectrochimica Acta Part B: **65**, 234 - 240 (2010)

DOI: <http://dx.doi.org/10.1016/j.sab.2010.03.003>

SCI = 3.552 (2010); M21 (7/42 – Spectroscopy);

15) N. Konjević, M. Ivković and S. Jovičević

Spectroscopic diagnostics of laser-induced plasmas

REVIEW

Spectrochimica Acta Part B: **65**, 593 - 502 (2010)

DOI: <http://dx.doi.org/10.1016/j.sab.2010.03.009>

SCI = 3.552 (2010); M21 (7/42 – Spectroscopy);

16) M.Á González, M. Ivković, M.A Gigosos, S. Jovičević, N. Lara and N. Konjević

Plasma diagnostics using the He I 447.1 nm line at high and low densities

J. Phys. D: Appl. Phys. **44** 194010 (2011)

doi: <http://dx.doi.org/10.1088/0022-3727/44/19/194010>

SCI = 2.544 (2011) (M21 - 26/125 – Physics, Applied).

- 17)** N. Konjević, M. Ivković and N. Sakan,
Hydrogen Balmer lines for low electron number density plasma diagnostics, **REVIEW**
Spectrochimica Acta B **76**, 16–26 (2012)
DOI: <http://dx.doi.org/10.1016/j.sab.2012.06.026>
SCI = 3.552 (2010) (M21 7/42)
- 18)** M. Ivković, M. A. Gonzalez, N. Lara, M. A. Gigosos, N. Konjević,
Stark broadening of the He I 492.2 nm line with forbidden components in dense low- temperature plasma,
JQSRT **127** (2013) p.82-89
<http://dx.doi.org/10.1016/j.jqsrt.2013.04.030> IF = 3.13 (2011) ; 2.38(2012)
SCI = 3.193 (2011) (M21 10/42)
- 19)** Volodymyr Shapoval, Ester Marotta, Claudio Ceretta, Nikola Konjevic, Milivoje Ivkovic, Milko Schiorlin, Cristina Paradisi,
Development and Testing of a Self-Triggered Spark Reactor for Plasma Driven Dry Reforming of Methane,
Plasma Process. Polym. **11** (2014) 725.
DOI: <http://dx.doi.org/10.1016/j.sab.2012.06.026/10.1002/ppap.201400007>
SCI = 3.73 (M21 21/128)
- 20)** Milivoje Ivković, Nikola Konjević, Zoran Pavlović,
Hydrogen Balmer beta: The separation between line peaks for plasma electron density diagnostics and self-absorption test
Journal of Quantitative Spectroscopy & Radiative Transfer **154**(2015)1–8
DOI: <http://dx.doi.org/10.1016/j.jqsrt.2014.11.014>
SCI = 2.645 (2014) (M21 12/44)
- 21)** M. Ivković, T. Gajo, I. Savić and N. Konjević,
The discharge for plasma Stark shift measurement and results for He I 706.522 nm line
Journal of Quantitative Spectroscopy & Radiative Transfer **161** (2015) 197 - 202
doi: <http://dx.doi.org/10.1016/j.jqsrt.2015.04.010>
SCI = 2.645 (2014) (M21 12/44)
- 22)** T. Gajo, M. Ivkovic, N. Konjevic, I. Savic, S. Djurovic, Z. Mijatovic and R. Kobilarov,
Stark shift of neutral helium lines in low temperature dense plasma and the influence of Debye shielding
MNRAS (2015) **455**, 2969–2979.
<http://dx.doi.org/10.1093/mnras/stv2549>
SCI = 5.107 (2014) (M21 12/60)
- 23)** M. Ivković, and N. Konjević
Stark width and shift for electron number density diagnostics of low temperature plasma:
Application to silicon LIBS
Spectrochimica Acta B **131**, 79-92 (2017)

M22) PAPERS IN LEADING INTERNATIONAL JOURNALS – SCI in best 50%)

1) I. Stefanović, M. Ivković, N. Konjević

Experimental study of the influence of ion-dynamics to the shape of He II P_{α} and P_{β} lines,

Physica scripta **52**, 178 - 183 (1995)

<http://dx.doi.org/10.1088/0031-8949/52/2/007>

SCI = 0.878 (1992); M22 (30/64 – Physics)

2) Z. Mijatović, D. Nikolić, R. Kobilarov and M. Ivković

Stark broadening of the hydrogen H γ spectral line at moderately low plasma electron density

JQSRT **111**, 990 - 996, (2010).

DOI: <http://dx.doi.org/10.1016/j.jqsrt.2010.01.005>

SCI = 1.862 (2009); M22 (17/39 - Spectroscopy)

3) B. M. Obradovic, M. Ivkovic, S. S. Ivkovic, N. Cvetanovic, G. B. Sretenovic, V. V. Kovacevic, I. B. Krstic and M. M. Kuraica

Nonuniform Laboratory Plasmas and Stark Shift Measurement,

Astrophysics and Space Science

SCI = 2.263 (2014) (M22 25/60)

M23) PAPERS IN INTERNATIONAL JOURNALS –(on SCI list)

1) M. Srećković, V. Šijački- Žeravčić, N. Ivanović, N. Backović, V. Vedlin, M. Ivković, and S. Ristić

Laser damage in ferrites of MnSn spinels and other possible interactions

Optics and Lasers in Engineering **27**, 507 -522 (1997).

DOI: [http://dx.doi.org/10.1016/S0143-8166\(96\)00037-1](http://dx.doi.org/10.1016/S0143-8166(96)00037-1)

SCI = 0.333(1998); M23(37/47- Optics); = 0.275(1992); M23(22/30- Optics)

2) M. Vinić and M. Ivković,

Laser ablation initiated fast discharge for spectrochemical applications,

Hemijska industrija **68** (2014) 381 - 388

DOI: <http://dx.doi.org/10.2298/HEMIND130314065V> (M23) IF=

SCI = 0.562 (2014) (m23 103/133)

3) Milica Vinic and Milivoje Ivkovic

Spatial and Temporal Characteristics of Laser Ablation Combined With Fast Pulse Discharge

IEEE Transation on Plasma Science **42** (2014) 2598 -2599

DOI: 10.1109/TPS.2014.2330372

SCI = 1.101 (2014) (M23 21/31)

M31) INVITED LECTURES -

1. S.Jovičević, M.Ivković, N.Konjević:

"Parametric study of an atmospheric pressure microwave induced plasma of the mini MIP torch",
Invited Lecture, IV Yugoslav-Belarussian Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasmas, Belgrade 23-24 August 2002, Eds.: M.Čuk, L.M.Popović and V.S.Burakov, Publ.Astron.Obs.Belgrade 74, 37-52, 2002.

2. N.Konjević, M.Ivković, S.Jovičević,

Application of hydrogenic and non-hydrogenic spectral line shapes for low electron density plasma diagnostics,
4th Conference on Plasma Physics and Plasma Technology (PPPT-4), Minsk 14-19 September 2003, Invited lecture, four pages summary in Contributed papers published by Institute of Molecular and Atomic Physics National Academy of Sciences Belarus (2003) pp. 329-32.

3. M.Ivković, S.Jovičević, R.Zikic and N.Konjević

Applications of spectral lines for low electron density plasma diagnostics,
Invited Lecture, VI Yugoslav-Belarussian Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasmas, Belgrade 22 -25th August 2006, Publ. Astron. Obs. Belgrade No. 82 (2007), 117-128 link

4. M.Ivković

Optical emission spectroscopic techniques for low-electron density diagnostics
Invited lecture - Progres Report. 23 SPIG Kopaonik 28 August- 1 september 2006. AIP Conf. Proc.- December 1, 2006 – Volume 876, pp. 301-308
THE PHYSICS OF IONIZED GASES: 23rd Summer School and International Symposium on the Physics of Ionized Gases; Invited Lectures, Topical Invited Lectures and Progress Reports;
doi:10.1063/1.2406039 Issue Date: 1 December 2006 link

5. Konjevic Nikola M Ivkovic Milivoje R Jovicevic Sonja

Low-electron Density Plasma Diagnostics By Optical Emission Technique
17th Symposium on physics of switching arc, 10 – 13 September, 2007, Brno, Czech Republic, vol II: Invited papers, (2007), str. 27-36 link

M32) INVITED LECTURES – published as abstracts

1) N.Konjević and M.Ivković.

On the application of optical emission spectroscopy for low electron density plasma diagnostics, Fourth Central European Symposium on Plasma Chemistry, August 21-25, 20011. Zlatibor, Serbia, Book of Abstracts Eds. M.M.Kuraica and B.Obradović, Belgrade (2011) p. 15-16, Printed by MINERVA, , Subotica, ISBN 978-86-84539-08-5

2) M.Ivković

Optical emission spectroscopy for electron number density plasma diagnostics
12th Frontiers in Low Temperature Plasma Diagnostics, 23-27 April 2017, Zlatibor, Serbia
<http://fltpd-xii.ipb.ac.rs/lectures.html>

M33) PAPERS AT INTERNATIONAL CONFERENCES

- 1) *M.Srećković, O.Žižić, N.Ivanović, M.Ivković, Z.Janevski, B.Vedlin, R.Bulgarinović, R.Stepić, A.Kunosić*
Problems of Hg_{1-x}MnxSe and MnZn ferrites solved by means of laser spectroscopy and acoustooptical coupling,
13th International Congress on Acoustics Jugoslavija, Beograd, 24-31 avg. 1989 (365-370)
- 2) *Z.Mijatović, R.Kobilarov, M.Ivković, N.Konjević*
Influence of ion dynamics to the width of He I 667,8 nm line
11th International Conference on Spectral Line Shapes, Francuska, Carry le Rouet, 8 - 12 jun 1992, (A27-28)
- 3) *M.Ivković, N.Konjević*
Hollow cathode glow discharge for CO₂ lasers
21th International Conference on Phenomena in Ionized Gases, Germany, Bochum, 19-24 sept. 1993, (96-97)
- 4) *I.Stefanović, M.Ivković*
The influence of ion dynamics on the line shape of He I 320.3 nm line
16th International Symposium of the Physics of Ionized Gases, Jugoslavija, Beograd, 25-28 sept. 1993, (206-208)
- 5) *M.Srećković, V.Šijački-Žeravić, M.Ivković, Z.Janevski, I.Belić, Z.Fidanovski, T.Jokić, Z. Andjelković, D.Mamula*
Critical points of the laser processing and the reliability
6th Conferenta de tehnologii neconventionale, Romania, Timisoara, 28 - 29 oct. 1993 (145 - 150)
- 6) *I.Stefanović, M.Ivković, N.Konjević*
Experimental study of He II P_β line shape
12th International Conference on Spectral Line Shapes, Canada, Toronto, 13-17th june 1994, paper (PB-1) or in Spectral Line shapes vol. 8 - Editors A. David May, J.R.Drummond, Eugene Oks, p.58. <http://link.aip.org/link/?APCPCS/328/58/1>
- 7) *Z.Mijatović, N.Konjević, R.Kobilarov, M.Ivković*
Influence of ion-dynamics on the shape of the He I 4713 and 7065 lines
12th International Conference on Spectral Line Shapes, Canada, Toronto, 13 - 17th june 1994, paper (PB-2) or in Spectral Line shapes vol. 8 - Editors A.David May, J.R.Drummond, Eugene Oks, p.60. <http://link.aip.org/link/?APCPCS/328/60/1>
- 8) *M.Ivković, N.Konjević*
The instabilities in the hollow-cathode glow discharge CO₂ laser
17th International Symposium on The Physics of The Ionized Gases, Yugoslavia, Beograd, 25-28 avg. 1994, (str.266)
- 9) *I.Stefanović, M.Ivković, N.Konjević*
Experimental study of He II P_β line shape
17th International Symposium on The Physics of The Ionized Gases, Jugoslavija, Beograd, 25-28 avg. 1994, (169)
- 10) *Z.Mijatović, N.Konjević, R.Kobilarov, M.Ivković*
Influence of ion-dynamics on the width and shift of the He I lines
17th International Symposium on The Physics of The Ionized Gases, Jugoslavija, Beograd, 25-28 avg. 1994, (173)

- 11) Z.Mijatović, N.Konjević, S.Đurović and M.Ivković,
Search for ion-dynamics effects on the shift and width of plasma broadened neutral atom lines,
5th International Colloquium on Atomic Spectra and Oscillator Strengths, 28-31 August, 1995
Meudon, France, Eds.W.U.I.Tchang-Brillet, J.-F.Wyart, C.J.Zeippen, *Publication de*
l'Observatoire de Paris, Meudon (1996) p. 130-1.
- 12) M.Ivković, S.Jovičević and N.Konjević,
Spatial characteristics of the atmospheric pressure helium microwave induced plasma,
18th SPIG (Summer School and International Symposium on the Physics of Ionized Gases)
September 2nd-6th 1996, Kotor, Contributed papers, Eds.B.Vujičić and S. Đurović, Faculty of
Sciences, Institute of Physics, Novi Sad (1996) p.322-5.
- 13) S.Jovičević, M.Ivković and N.Konjević,
Diagnostics of an atmospheric pressure argon microwave induced plasma,
18th SPIG (Summer School and International Symposium on the Physics of Ionized Gases)
September 2nd-6th 1996, Kotor, Contributed papers, Eds.B.Vujičić and S.Đurović, Faculty of
Sciences, Institute of Physics, Novi Sad (1996) p.326-9.
- 14) S.Jovičević, M.Ivković and N.Konjević,
Effects of wet and dry nebulizer gas on the temperatures in the tangential flow MIP,
19th SPIG (Summer School and International Symposium on the Physics of Ionized Gases)
August 31-September 4, 1998, Zlatibor, Contributed papers, Eds.N.Konjević, M.Čuk and
I.R.Videnović, Faculty of Physics, Belgrade (1998) ibid. p.497-500.
- 15) S.Jovičević, M.Ivković, Z.Pavlović and N.Konjević,
Spatial distribution of electron number densities in a microwave induced plasma at atmospheric
pressure,
25th Europhysics Conference on Atomic and Molecular Physics of Ionized Gases (ESCAMPIG),
Miskolc-Lillafured, Hungary, 26-30 August (2000).Contrib. papers,
Eds.:Z.Donko et al., European Phys.Soc. Vol.24F, p.328-9
- 16) S.Jovičević, M.Ivković, Z.Pavlović and N.Konjević,
Influence of the low ionization potential element to the microwave induced plasma parameters,
20th Summer School and International Symposium on the Physics of Ionized Gases (SPIG),
September 4-8, 2000, Zlatibor, Contributed papers, Eds. Z.Lj.Petrović et al., Institute of Physics,
Faculty of Physics, Beograd (2000) p.381-4.
- 17) R.Zikić, M.A.Gigosos, M.Ivković, M.A.Gonzalez and N.Konjević,
Program for electron density determination from the experimental hydrogen H_β line profile,
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September 4-8, 2000, Zlatibor, Contributed papers, Eds. Z.Lj.Petrović et al., Institute of Physics,
Faculty of Physics, Beograd (2000) p.317-20.
- 18) S.Jovičević, M.Ivković, Z.Pavlović and N.Konjević,
Plasma parameters measurements of the atmospheric pressure microwave induced plasma,
3rd Int.Conf.Plasma Phys.Plasma Technology, Minsk, Belarus, September 18-22, 2000,
Contributed papers, Institute of Molecular and Atomic Physics, Minsk (2000) p.180-3.
- 19) S. Jovičević, M. Ivković and N. Konjević:
Comparative study of rotational temperatures in microwave plasma: OH radical versus N₂⁺,
21th Summer School and International Symposium on the Physics of Ionized Gases (SPIG),
Sokobanja, p. 354-8, (2002).

- 20) M.Ivković, N.ben Nessib and N.Konjević
 Stark broadening of $3p\ ^3D-3d\ ^3F^o$ transitions along carbon isoelectronic sequence of ions
Contributed papers of 21th Summer School and International Symposium on the Physics of Ionized Gases (SPIG), Sokobanja, 26-30 August 2002, p. 294.
- 21) M. Ivković, S. Jovičević and N. Konjević:
 Application of higher member of hydrogen Balmer series for electron density plasma diagnostics,
BPU: 5th General Conference of the Balkan Physical Union, August 25-29, Vrnjačka Banja, Serbia and Montenegro, Book of abstracts, p.220, (2003).
- 22) S. Jovičević, M. Ivković and N. Konjević
 Parametric study of low-pressure hydrogen plasma induced by microwaves,
BPU: 5th General Conference of the Balkan Physical Union, August 25-29, Vrnjačka Banja, Serbia and Montenegro, Book of abstracts, p.225, (2003).
- 23) S. Jovičević, M. Ivković and N. Konjević:
 Two-mode operation of an atmospheric pressure stabilized argon arc,
PPPT-4: 4th International Conference Plasma Physics and Plasma Techology, September 12-19, Minsk, Belarus, Contributed Paper Vol 1, p.163, (2003).
- 24) M. Ivković, S. Jovičević and N. Konjević:
 Old "new" method for low electron density plasma diagnostics,
PPPT-4: 4th International Conference Plasma Physics and Plasma Techology, September 12-19, Minsk, Belarus, Contributed Paper Vol 1, p.392, (2003).
- 25) M.Ivković, N.ben Nessib and N.Konjević
 Stark broadening of $3s\ ^3P^o - 3p\ ^3D$ transitions along carbon isoelectronic sequence of ions
Contributed papers of 22nd Summer School and International Symposium on the Physics of Ionized Gases (SPIG), 23-27 August 2004, Nacionalni park Tara, Bajina Basta p.
- 26) S. Jovičević, N. Sakan, M. Ivković, and N. Konjević
 Excess Broadening of Hydrogen Balmer Lines in a Microwave Induced Discharge
Contributed papers of 23rd Summer School and International Symposium on the Physics of Ionized Gases (SPIG), 28 August - 1 Septembar 2006, Kopaonik, p.307.
- 27) I. Koralt, M. Ivković, and N. Konjević
 LS-coupling scheme for O III $3p\ ^3D - 3d\ ^3F^0$ levels
Contributed papers of 23rd Summer School and International Symposium on the Physics of Ionized Gases (SPIG), 28 August - 1 Septembar 2006, Kopaonik, p.311.
- 28) S. Jovičević, M. A. Gigosos, M. Ivković, M. A. Gonzalez, N. Konjević
 Stark Broadening of Li I 460.3 nm Spectral Line with Forbidden Component
Contributed papers of 23rd Summer School and International Symposium on the Physics of Ionized Gases (XXII SPIG), 28 August - 1 Septembar 2006, Kopaonik, p.315.
- 29) Z. Mijatović, D. Nikolić, R. Kobilarov, M. Ivković
 Hydrogen H(γ) Spectral Line Stark Broadening at Moderately Low Plasma Electron Density
Contributed papers of 23rd Summer School and International Symposium on the Physics of Ionized Gases (SPIG), 28 August - 1 Septembar 2006, Kopaonik, p.319.
- 30) Nedanovska E, Ivković M
Fast photography of plasma formed by laser ablation of aluminum
 Contributed papers of 24th Summer School and International Symposium on the Physics of Ionized Gases (SPIG), 25 - 29 August 2008, Novi Sad, SERBIA, Book Series: PUBLICATIONS OF THE ASTRONOMICAL OBSERVATORY OF BELGRADE--SERIES Issue: 84 Pages: 223-226 Published: 2008 link

- 31) *M. Ivković, M. Á. González, S. Jovičević, M. A. Gigosos and N. Konjević*
 Separation between Allowed and Forbidden Component of the He I 447 nm Line in High Electron Density Plasma
Spectral Line Shapes: Volume 15 - 19th International Conference on Spectral Line Shapes by Marco Antonio Gigosos and Manuel Ángel González. AIP Conference Proceedings 1058. Conference Location and Date: Valladolid, Spain, 15-20 June 2008. Published November 2008., p.66-68
<http://dx.doi.org/10.1063/1.3026497>
- 32) *Milivoje Ivković, Manuel Ángel González, Sonja Jovičević, Marco Antonio Gigosos, Nikola Konjević*
 Stark broadening of the He I 447.1 nm line and its forbidden components in dense cool plasma
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- 33) Zoran Mijatović, Dragan Nikolić, Radomir Kobilarov and Milivoje Ivković
 Stark broadening of the hydrogen H_{γ} spectral line
 PUBLICATIONS OF THE ASTRONOMICAL OBSERVATORY OF BELGRADE--SERIES Issue: 89 Pages: 217-220 Published: 2010 link
- 34) M. Ivković, M. Á. González, N. Lara, M. A. Gigosos and N. Konjević,**
 The Stark broadening of the He I 492.1 nm line with forbidden components in dense cool plasma,
 26th Summer School and International Symposium on the Physics of Ionized Gases, August 27th – 31st, 2012, Zrenjanin, Serbia, Contributed papers,
 Eds.: M.Kuraica, Z.Mijatović, University of Novi Sad, Faculty of Sciences, Department of Physics, Novi Sad, Serbia (2012) pp. 183 – 186.
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