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Scopus

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1. Dojić, D., Skočić, M., Bukvić, S., Djeniže, S.
Stark broadening and shift of selected Ge II spectral lines
(2019) Monthly Notices of the Royal Astronomical Society, 484 (3), pp. 3419-3424.
DOI: 10.1093/mnras/stz251
2. Skočić, M., Dojić, D., Bukvić, S.
Formation of double-layer in the early stage of nanosecond laser ablation
(2019) Journal of Quantitative Spectroscopy and Radiative Transfer, 227, pp. 57-62.
DOI: 10.1016/j.jqsrt.2019.02.007
3. Dojić, D., Skočić, M., Bukvić, S.
Characteristics of laser-induced plasma under reduced background pressure with Doppler spectroscopy of excited atomic species near the shockwave front
(2018) Journal of Quantitative Spectroscopy and Radiative Transfer, 207, pp. 73-77. Cited 1 time.
DOI: 10.1016/j.jqsrt.2017.12.025
4. Bukvić, S., Skočić, M.
Doppler splitting generated by shock waves in laser induced breakdown spectroscopy
(2017) Spectrochimica Acta - Part B Atomic Spectroscopy, 132, pp. 56-60. Cited 4 times.
DOI: 10.1016/j.sab.2017.04.002
1. Evans, E.H., Pisonero, J., Smith, C.M.M., Taylor, R.N.
Atomic spectrometry update: Review of advances in atomic spectrometry and related techniques
(2018) Journal of Analytical Atomic Spectrometry, 33 (5), pp. 684-705. Cited 11 times.
DOI: 10.1039/c8ja90012d
5. Skočić, M., Bukvić, S.
Laser induced plasma expansion and existence of local thermodynamic equilibrium
(2016) Spectrochimica Acta - Part B Atomic Spectroscopy, 125, pp. 103-110. Cited 5 times.
DOI: 10.1016/j.sab.2016.09.011
1. Cui, M., Deguchi, Y., Wang, Z., Tanaka, S., Fujita, Y., Zhao, S.
Improved Analysis of Manganese in Steel Samples Using Collinear Long–Short Double Pulse Laser-Induced Breakdown Spectroscopy (LIBS)
(2019) Applied Spectroscopy, 73 (2), pp. 152-162. Cited 1 time.
DOI: 10.1177/0003702818803943
2. Ewusi-Annan, E., Surmick, D.M., Melikechi, N., Wiens, R.C.

Simulated laser-induced breakdown spectra of graphite and synthetic shergottite glass under Martian conditions

(2018) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 148, pp. 31-43. Cited 3 times.

DOI: 10.1016/j.sab.2018.06.006

3. Wang, Z., Deguchi, Y., Liu, R., Ikutomo, A., Zhang, Z., Chong, D., Yan, J., Liu, J., Shiou, F.-J.
Emission Characteristics of Laser-Induced Plasma Using Collinear Long and Short Dual-Pulse Laser-Induced Breakdown Spectroscopy (LIBS)

(2017) *Applied Spectroscopy*, 71 (9), pp. 2187-2198. Cited 9 times.

DOI: 10.1177/0003702817693239

4. Lie, Z.S., Pardede, M., Jobiliong, E., Suyanto, H., Kurniawan, D.P., Hedwig, R., Ramli, M., Khumaeni, A., Lie, T.J., Kurniawan, K.H., Kagawa, K., Tjia, M.O.

H-D Analysis Employing Low-Pressure microjoule Picosecond Laser-Induced Breakdown Spectroscopy

(2017) *Analytical Chemistry*, 89 (9), pp. 4951-4957. Cited 3 times.

DOI: 10.1021/acs.analchem.7b00245

6. Burger, M., Skočić, M., Bukvić, S.

Study of self-absorption in laser induced breakdown spectroscopy

(2014) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 101, pp. 51-56. Cited 19 times.

DOI: 10.1016/j.sab.2014.07.007

1. Srivastava, E., Jang, H., Shin, S., Choi, J., Jeong, S., Hwang, E.

Weighted-averaging-based classification of laser-induced breakdown spectroscopy measurements using most informative spectral lines

(2020) *Plasma Science and Technology*, 22 (1), art. no. 015501, .

DOI: 10.1088/2058-6272/ab481e

2. Borduchi, L.C.L., Milori, D.M.B.P., Villas-Boas, P.R.

57210945393;6603420382;23973999800;

One-point calibration of Saha-Boltzmann plot to improve accuracy and precision of quantitative analysis using laser-induced breakdown spectroscopy

(2019) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 160, art. no. 105692, .

DOI: 10.1016/j.sab.2019.105692

3. Hou, J., Zhang, L., Zhao, Y., Wang, Z., Zhang, Y., Ma, W., Dong, L., Yin, W., Xiao, L., Jia, S.

Mechanisms and efficient elimination approaches of self-absorption in LIBS

(2019) *Plasma Science and Technology*, 21 (3), art. no. 034016, . Cited 1 time.

DOI: 10.1088/2058-6272/aaf875

4. Fu, H., Ni, Z., Wang, H., Jia, J., Dong, F.

47661014600;35325364300;57189849439;57189853694;16405424800;

Accuracy improvement of calibration-free laser-induced breakdown spectroscopy

(2019) *Plasma Science and Technology*, 21 (3), art. no. 034001, . Cited 2 times.

DOI: 10.1088/2058-6272/aaead6

5. Tang, Y., Ma, S., Chu, Y., Wu, T., Ma, Y., Hu, Z., Guo, L., Zeng, X., Duan, J., Lu, Y.

Investigation of the self-absorption effect using time-resolved laser-induced breakdown spectroscopy

(2019) *Optics Express*, 27 (4), pp. 4261-4270. Cited 2 times.

DOI: 10.1364/OE.27.004261

6. Surmick, D.M., Parigger, C.G.
Tracking temporal development of optical thickness of hydrogen alpha spectral radiation in a laser-induced plasma
(2019) *Atoms*, 7 (4), art. no. 101, .
DOI: 10.3390/atoms7040101

7. Hao, Z.Q., Liu, L., Zhou, R., Ma, Y.W., Li, X.Y., Guo, L.B., Lu, Y.F., Zeng, X.Y.
One-point and multi-line calibration method in laser-induced breakdown spectroscopy
(2018) *Optics Express*, 26 (18), pp. 22926-22933. Cited 4 times.
DOI: 10.1364/OE.26.022926

8. Tang, Y., Guo, L., Tang, S., Chu, Y., Zeng, Q., Zeng, X., Duan, J., Lu, Y.
Determination of potassium in ceramic raw materials using laser-induced breakdown spectroscopy combined with profile fitting
(2018) *Applied Optics*, 57 (22), pp. 6451-6455. Cited 1 time.
DOI: 10.1364/AO.57.006451

9. Sabri, N.M., Haider, Z., Tufail, K., Ismail, F.D., Ali, J.
Spectroscopic diagnostics of laser induced plasma and self-absorption effects in Al lines
(2018) *Physics of Plasmas*, 25 (7), art. no. 073303, . Cited 1 time.
DOI: 10.1063/1.5023666

10. Wang, J.-G., Li, X.-Z., Li, H.-H., Wang, H., Zhang, L.-P., Yin, C.-L., Tang, M.-M.
Influence of Background Deduction and Intensity Correction on Spectral Parameters of Laser Induced Plasma
(2018) *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, 38 (1), pp. 276-280.
DOI: 10.3964/j.issn.1000-0593(2018)01-0276-05

11. Ramezani, Z., Darbani, S.M.R., Majd, A.E.
Effect of self-absorption correction on surface hardness estimation of Fe–Cr–Ni alloys via LIBS
(2017) *Applied Optics*, 56 (24), pp. 6917-6922. Cited 4 times.
DOI: 10.1364/AO.56.006917

12. De Giacomo, A., Hermann, J.
Laser-induced plasma emission: From atomic to molecular spectra
(2017) *Journal of Physics D: Applied Physics*, 50 (18), art. no. 183002, . Cited 27 times.
DOI: 10.1088/1361-6463/aa6585

13. Shen, G.-H., Li, H.-C., Shi, Y.-H.
Progress in laser induced breakdown spectroscopy
(2016) *Yejin Fenxi/Metallurgical Analysis*, 36 (5), pp. 16-25. Cited 4 times.
DOI: 10.13228/j.boyuan.issn1000-7571.009807

14. Xu, S.-N., Duan, W.-Z., Ning, R.-B., Li, Q., Ai, Z., Jiang, R.
7404439344;57020770100;24465229800;57020124600;57189092207;57020689600;
Study on self-absorption properties in laser induced breakdown spectroscopy from copper sample
(2016) *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, 36 (4), pp. 1175-1179. Cited 5 times.
DOI: 10.3964/j.issn.1000-0593(2016)04-1175-05

7. Burger, M., Skočić, M., Nikolić, Z., Bukvić, S., Djeniže, S.
Broadening of the resonance Cu I lines in the laser-induced copper spectrum
(2014) Journal of Quantitative Spectroscopy and Radiative Transfer, 133, pp. 589-595. Cited 6 times.
DOI: 10.1016/j.jqsrt.2013.09.022

1. Fu, Y., Warren, R.A., Jones, W.B., Smith, B.W., Omenetto, N.
Detecting Temporal Changes of Self-Absorption in a Laser-Induced Copper Plasma from Time-Resolved Photomultiplier Signal Emission Profiles
(2019) Applied Spectroscopy, 73 (2), pp. 163-170. Cited 1 time.
DOI: 10.1177/0003702818812087

2. Peach, G., Dimitrijevic, M.S., Barklem, P.S.
Division B commission 14 working group: Collision processes
(2015) Proceedings of the International Astronomical Union, 11 (T29A), pp. 120-136.
DOI: 10.1017/S1743921316000697

3. Cvejić, M., Stambulchik, E., Gavrilović, M.R., Jovičević, S., Konjević, N.
Neutral lithium spectral line 460.28 nm with forbidden component for low temperature plasma diagnostics of laser-induced plasma
(2014) Spectrochimica Acta - Part B Atomic Spectroscopy, 100, pp. 86-97. Cited 5 times.
DOI: 10.1016/j.sab.2014.08.007

8. Skočić, M., Burger, M., Nikolić, Z., Bukvić, S., Djeniže, S.
Stark broadening in the laser-induced Cu I and Cu II spectra
(2013) Journal of Physics B: Atomic, Molecular and Optical Physics, 46 (18), art. no. 185701, . Cited 11 times.
DOI: 10.1088/0953-4075/46/18/185701

1. Corfdir, P., Lantz, G., Abplanalp, M., Sütterlin, P., Kassubek, F., Delachaux, T., Bator, M.
Stark shift measurement as a temperature diagnostic of Cu-dominated thermal plasmas
(2019) Journal of Physics D: Applied Physics, 52 (27), art. no. 275203, . Cited 1 time.
DOI: 10.1088/1361-6463/ab188e

2. Khakpour, A., Methling, R., Franke, St., Gortschakow, S., Uhrlandt, D.
Vapor density and electron density determination during high-current anode phenomena in vacuum arcs
(2018) Journal of Applied Physics, 124 (24), art. no. 243301, . Cited 2 times.
DOI: 10.1063/1.5057753

3. Aragón, C., Aguilera, J.A.
Direct analysis of aluminum alloys by CSigma laser-induced breakdown spectroscopy
(2018) Analytica Chimica Acta, 1009, pp. 12-19. Cited 19 times.
DOI: 10.1016/j.aca.2018.01.019

4. Dong, P., Long, J., Chen, D., Zhang, H., Zhang, K., Li, J., Shi, J.
Diagnosis of plasma in high current laser ion source
(2016) Qiangguang Yu Lizishu/High Power Laser and Particle Beams, 28 (5), art. no. 055103, 4 p. Cited 1 time.
DOI: 10.11884/HPLPB201628.055103

5. Peach, G., Dimitrijevic, M.S., Barklem, P.S.
Division B commission 14 working group: Collision processes
(2015) Proceedings of the International Astronomical Union, 11 (T29A), pp. 120-136.
DOI: 10.1017/S1743921316000697

6. Dong, P., Zhang, H., Li, J., Long, J., Zhang, K., Shi, J.
Spectrum diagnoses of laser ion source at IFP
(2014) Proceedings - International Symposium on Discharges and Electrical Insulation in Vacuum, ISDEIV,
art. no. 6961741, pp. 549-551.
DOI: 10.1109/DEIV.2014.6961741

7. Cvejić, M., Stambulchik, E., Gavrilović, M.R., Jovičević, S., Konjević, N.
Neutral lithium spectral line 460.28 nm with forbidden component for low temperature plasma
diagnostics of laser-induced plasma
(2014) Spectrochimica Acta - Part B Atomic Spectroscopy, 100, pp. 86-97. Cited 5 times.
DOI: 10.1016/j.sab.2014.08.007

9. Skočić, M., Burger, M., Bukvić, S., Djeniže, S.
Line intensity and broadening in the In III spectrum
(2012) Journal of Physics B: Atomic, Molecular and Optical Physics, 45 (22), art. no. 225701, . Cited 4
times.
DOI: 10.1088/0953-4075/45/22/225701

1. Swapnil, Ahmad, T.
The third spectrum of indium: In III
(2017) Atoms, 5 (2), art. no. 23, .
DOI: 10.3390/atoms5020023

2. Peach, G., Dimitrijevic, M.S., Barklem, P.S.
Division B commission 14 working group: Collision processes
(2015) Proceedings of the International Astronomical Union, 11 (T29A), pp. 120-136.
DOI: 10.1017/S1743921316000697

3. Roy, S., Dutta, N.N., Majumder, S.
Relativistic coupled-cluster calculations on hyperfine structures and electromagnetic transition
amplitudes of in iii RELATIVISTIC COUPLED-CLUSTER CALCULATIONS on ... SOURAV ROY, NARENDRA NATH
DUTTA, and SONJOY MAJUMDER
(2014) Physical Review A - Atomic, Molecular, and Optical Physics, 89 (4), art. no. 042511, . Cited 6 times.
DOI: 10.1103/PhysRevA.89.042511

10. Gavrilov, M., Skočić, M., Burger, M., Bukvić, S., Djeniže, S.
Line broadening in the neutral and ionized mercury spectra
(2012) New Astronomy, 17 (7), pp. 624-628. Cited 4 times.
DOI: 10.1016/j.newast.2012.03.002

1. Duan, X., Gu, B., Zhou, Q., Hu, X., Huang, L., Su, W., Li, H.
A simple fluorescent probe for detecting mercury(II) ion in aqueous solution and on agar gels
(2017) Journal of the Iranian Chemical Society, 14 (6), pp. 1207-1214. Cited 4 times.
DOI: 10.1007/s13738-017-1071-7

2. Peach, G., Dimitrijevic, M.S., Barklem, P.S.
Division B commission 14 working group: Collision processes
(2015) Proceedings of the International Astronomical Union, 11 (T29A), pp. 120-136.
DOI: 10.1017/S1743921316000697

3. Guo, Y., An, J., Tang, H., Peng, M., Suzenet, F.
Selective and "turn-off" fluorimetric detection of mercury(II) based on coumarinyldithiolane and coumarinyldithiane in aqueous solution
(2015) Materials Research Bulletin, 63, pp. 155-163. Cited 11 times.
DOI: 10.1016/j.materresbull.2014.12.015

11. Burger, M., Skočić, M., Gavrilov, M., Bukvić, S., Djeniže, S.
Experimental transition probabilities in the Ar III and Ar IV UV spectra
(2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (13), pp. 1662-1668. Cited 4 times.
DOI: 10.1016/j.jqsrt.2012.04.011

1. Rynkun, P., Gaigalas, G., Jönsson, P.
Theoretical investigation of energy levels and transition data for S II, Cl III, Ar IV
(2019) Astronomy and Astrophysics, 623, art. no. 1834931, .
DOI: 10.1051/0004-6361/201834931

2. Raineri, M., Castellanos, R.E.M., Gallardo, M., Almandos, J.R.
Extended analysis of Ar III and Ar IV
(2018) Atoms, 6 (3), art. no. 47, . Cited 1 time.
DOI: 10.3390/atoms6030047

3. Afaneh, F., Hamasha, S., Al Khateeb, K.
Relativistic configuration interaction calculations of multi-pole transitions rates and spectra of Ar I and Ar II
(2016) Advanced Studies in Theoretical Physics, 10 (5), pp. 235-266.
DOI: 10.12988/astp.2016.6314

4. Nave, G., Nahar, S., Zhao, G.
Division B commission 14 working group: Atomic data
(2015) Proceedings of the International Astronomical Union, 11 (T29A), pp. 103-119.
DOI: 10.1017/S1743921316000685

12. Bukvić, S., Djeniže, S., Nikolić, Z., Srećković, A.
Experimental Stark widths in the Pb IV and Pb V spectra
(2011) Astronomy and Astrophysics, 529, art. no. A83, . Cited 6 times.
DOI: 10.1051/0004-6361/201116496

1. Alonso-Medina, A.

Spectroscopic estimation of plasma parameters, in the 100–400 ns stage, of a laser-induced plasma in vacuum

(2019) *Spectroscopy Letters*, 52 (3-4), pp. 219-236.

DOI: 10.1080/00387010.2019.1615956

2. Wu, T., Higashiguchi, T., Li, B., Arai, G., Hara, H., Kondo, Y., Miyazaki, T., Dinh, T.-H., O'Reilly, F., Sokell, E., O'Sullivan, G.

Analysis of unresolved transition arrays in XUV spectral region from highly charged lead ions produced by subnanosecond laser pulse

(2017) *Optics Communications*, 385, pp. 143-152. Cited 4 times.

DOI: 10.1016/j.optcom.2016.10.053

3. Colón, C., Alonso-Medina, A., Porcher, P.

Theoretical oscillator strengths, transition probabilities, and radiative lifetimes of levels in Pb V

(2014) *Atomic Data and Nuclear Data Tables*, 100 (1), pp. 272-285. Cited 2 times.

DOI: 10.1016/j.adt.2013.05.002

4. Hamdi, R., Nessib, N.B., Dimitrijević, M.S., Sahal-Bréchet, S.

Stark broadening of Pb IV spectral lines

(2013) *Monthly Notices of the Royal Astronomical Society*, 431 (2), pp. 1039-1047. Cited 12 times.

DOI: 10.1093/mnras/stt228

5. Alonso-Medina, A., Colón, C.

Theoretical Stark broadening parameters of PbV spectral lines

(2012) *Monthly Notices of the Royal Astronomical Society*, 427 (2), pp. 1312-1321. Cited 3 times.

DOI: 10.1111/j.1365-2966.2012.22081.x

13. Djeniže, S., Srećković, A., Bukvić, S.

On the Cd III spectrum in a pulsed helium discharge

(2011) *European Physical Journal D*, 62 (2), pp. 185-189. Cited 1 time.

DOI: 10.1140/epjd/e2011-20075-6

14. Djeniže, S., Srećković, A., Bukvić, S.

On the line intensity ratios of prominent Si II, Si III, and Si IV multiplets

(2010) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 65 (1), pp. 61-65. Cited 2 times.

DOI: 10.1016/j.sab.2009.11.004

1. Iorga, C., Stancalie, V.

The study of the core–valence and core–core correlation effects on the radiative properties along the magnesium isoelectronic sequence

(2018) *Atomic Data and Nuclear Data Tables*, 123-124, pp. 313-328. Cited 1 time.

DOI: 10.1016/j.adt.2018.01.003

15. Bukvić, S., Djeniže, S., Srećković, A.
Line broadening in the Si I, Si II, Si III, and Si IV spectra in the helium plasma
(2009) *Astronomy and Astrophysics*, 508 (1), pp. 491-500. Cited 15 times.
DOI: 10.1051/0004-6361/200912046

1. Murtaza, G., Shaikh, N.M., Kandhro, G.A., Ashraf, M.
Laser induced breakdown optical emission spectroscopic study of silicon plasma
(2019) *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 223, art. no. 117374, .
Cited 1 time.
DOI: 10.1016/j.saa.2019.117374

2. Aloui, R., Elabidi, H., Sahal-Bréchet, S.
Radiative, collisional atomic and Stark broadening data for Ar XII and Ar XIV ions: Quantum mechanical calculations
(2019) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 239, art. no. 106675, .
DOI: 10.1016/j.jqsrt.2019.106675

3. Camacho, J.J., Vrabel, J., Manzoor, S., Pérez-Arribas, L.V., Díaz, D., Cáceres, J.O.
Spatiotemporal diagnostics of laser induced plasma of potassium gallosilicate zeolite
(2019) *Journal of Analytical Atomic Spectrometry*, 34 (6), pp. 1247-1255. Cited 1 time.
DOI: 10.1039/c9ja00052f

4. Gavanski, L.
Measurement of Stark halfwidths of spectral lines of ionized oxygen and silicon emitted from T-tube plasma
(2019) *Atoms*, 7 (1), art. no. 8, .
DOI: 10.3390/atoms7010008

5. Aragón, C., Aguilera, J.A.
Direct analysis of aluminum alloys by CSigma laser-induced breakdown spectroscopy
(2018) *Analytica Chimica Acta*, 1009, pp. 12-19. Cited 19 times.
DOI: 10.1016/j.aca.2018.01.019

6. Rastogi, V., Chaurasia, S., Munda, D.S.
Laser induced damage studies in borosilicate glass using nanosecond and sub nanosecond pulses
(2017) *Journal of Non-Crystalline Solids*, 463, pp. 138-147. Cited 10 times.
DOI: 10.1016/j.jnoncrysol.2017.03.006

7. Ivković, M., Konjević, N.
Stark width and shift for electron number density diagnostics of low temperature plasma: Application to silicon LIBS
(2017) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 131, pp. 79-92. Cited 11 times.
DOI: 10.1016/j.sab.2017.03.015

8. Gavanski, L., Belmonte, M.T., Savić, I., Djurović, S.
Experimental stark halfwidths of the ionized oxygen and silicon spectral lines
(2016) *Monthly Notices of the Royal Astronomical Society*, 457 (4), pp. 4038-4050. Cited 2 times.
DOI: 10.1093/mnras/stw163

9. Aragón, C., Aguilera, J.A.

Quantitative analysis by laser-induced breakdown spectroscopy based on generalized curves of growth
(2015) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 110, pp. 124-133. Cited 17 times.
DOI: 10.1016/j.sab.2015.06.010

10. Aragón, C., Aguilera, J.A.
CSigma graphs: A new approach for plasma characterization in laser-induced breakdown spectroscopy
(2014) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 149, pp. 90-102. Cited 25 times.
DOI: 10.1016/j.jqsrt.2014.07.026

11. Elabidi, H., Ben Nessib, N., Sahal-Bréchet, S.
Electron impact broadening of Si IV spectral lines: Comparison with recent experiments
(2012) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 113 (12), pp. 1606-1611. Cited 7 times.
DOI: 10.1016/j.jqsrt.2012.03.028

12. Karim, K.R.
Calculation of X-ray and Auger transition rates, lifetimes, X-ray wavelengths, and fluorescence yields of variously ionized silicon atoms
(2011) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 112 (6), pp. 1026-1034. Cited 3 times.
DOI: 10.1016/j.jqsrt.2010.11.010

Na dalje se vase samo citati

16. Bukvić, S., Djeniže, S., Srećković, A., Nikolić, Z.
6603769378;35619132600;9841943700;35334824100;
Measured Cd III Stark widths
(2009) *Physics Letters, Section A: General, Atomic and Solid State Physics*, 373 (31), pp. 2750-2752. Cited 2 times.
DOI: 10.1016/j.physleta.2009.05.031

17. Djeniže, S., Srećković, A., Bukvić, S.
Erratum: Role of the He I and He II metastables in the resonance $2p\ 2P^{1/2, 3/2} \rightarrow B\ III$ level population (*Astronomy and Astrophysics* (2007) 462 (1-6) DOI: 10.1051/0004-6361:20066339)
(2008) *Astronomy and Astrophysics*, 491 (1), p. 69. Cited 1 time.
DOI: 10.1051/0004-6361:20066339e

1. Hey, J.D.
On the role of atomic metastability in the production of Balmer line radiation from cold atomic hydrogen, deuterium and hydrogenic ion impurities in fusion edge plasmas
(2012) *Journal of Physics B: Atomic, Molecular and Optical Physics*, 45 (6), art. no. 065701, . Cited 11 times.
DOI: 10.1088/0953-4075/45/6/065701

18. Bukvić, S., Spasojević, Dj., Žigman, V.
Advanced fit technique for astrophysical spectra
(2008) *Astronomy and Astrophysics*, 477 (3), pp. 967-977. Cited 16 times.
DOI: 10.1051/0004-6361:20065969

1. Ivanović, N.V.

The study of Ar I and Ne I spectral line shapes in the cathode sheath region of an abnormal glow discharge
(2019) *Atoms*, 7 (1), art. no. 9, .
DOI: 10.3390/atoms7010009

2. Vanraes, P., Nikiforov, A., Leys, C.
Electrical and spectroscopic characterization of underwater plasma discharge inside rising gas bubbles
(2012) *Journal of Physics D: Applied Physics*, 45 (24), art. no. 245206, . Cited 34 times.
DOI: 10.1088/0022-3727/45/24/245206

19. Bukvić, S., Žigman, V., Srećković, A., Djeniže, S.
Line broadening in the Ar III spectrum
(2008) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 109 (17-18), pp. 2869-2876. Cited 4 times.
DOI: 10.1016/j.jqsrt.2008.07.005

1. Hamdi, R., Ben Nessib, N., Sahal-Bréchet, S., Dimitrijević, M.S.
Stark widths of Ar III spectral lines in the atmospheres of subdwarf B stars
(2014) *Advances in Space Research*, 54 (7), pp. 1223-1230. Cited 7 times.
DOI: 10.1016/j.asr.2013.09.022

2. Peláez, R.J., Djurović, S., Ćirišan, M., Aparicio, J.A., Mar, S.
Stark halfwidth trends along the homologous sequence of doubly ionized noble gases
(2012) *Astronomy and Astrophysics*, 539, art. no. A40, . Cited 2 times.
DOI: 10.1051/0004-6361/201118401

3. Djurović, S., Mar, S., Peláez, R.J., Aparicio, J.A.
Stark broadening of ultraviolet Ar III spectral lines
(2011) *Monthly Notices of the Royal Astronomical Society*, 414 (2), pp. 1389-1396. Cited 5 times.
DOI: 10.1111/j.1365-2966.2011.18470.x

20. Srećković, A., Nikolić, Z., Bukvić, S., Djeniže, S.
The first measured Mn I Stark widths
(2007) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 105 (3), pp. 536-541. Cited 5 times.
DOI: 10.1016/j.jqsrt.2006.11.010

1. Popov, A.M., Labutin, T.A., Zaytsev, S.M., Zorov, N.B.
Experimental Stark parameters of Mn I lines in the $y6P^{\circ} \rightarrow a 6 S$ multiplet under conditions of "long" laser plasma
(2017) *Optics and Spectroscopy (English translation of Optika i Spektroskopiya)*, 123 (4), pp. 521-525.
Cited 2 times.
DOI: 10.1134/S0030400X17100216

2. Popov, A.M., Akhmetzhanov, T.F., Labutin, T.A., Zaytsev, S.M., Zorov, N.B., Chekalin, N.V.
Experimental measurements of Stark widths for Mn I lines in long laser spark
(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 125, pp. 43-51. Cited 7 times.
DOI: 10.1016/j.sab.2016.09.014

3. Kabakçı, S., Özdemir, L., Usta, B.K.

Electric dipole transitions for 3d64s-3d64p in Mn I

(2015) Journal of Quantitative Spectroscopy and Radiative Transfer, 164, pp. 248-255. Cited 1 time.

DOI: 10.1016/j.jqsrt.2015.06.014

4. Labutin, T.A., Zaytsev, S.M., Popov, A.M.

Automatic identification of emission lines in laser-induced plasma by correlation of model and experimental spectra

(2013) Analytical Chemistry, 85 (4), pp. 1985-1990. Cited 19 times.

DOI: 10.1021/ac303270q

21. Djeniže, S., Srećković, A., Bukvić, S.

Role of the He I and He II metastables in the resonance $2p\ 2P_{1/2,3/2}$ B III level population
(2007) Astronomy and Astrophysics, 462 (1), pp. 1-6.

DOI: 10.1051/0004-6361:20066339

22. Djeniže, S., Srećković, A., Bukvić, S.

The first measurement of the In III Stark widths

(2006) Spectrochimica Acta - Part B Atomic Spectroscopy, 61 (5), pp. 588-591. Cited 10 times.

DOI: 10.1016/j.sab.2006.04.003

1. Roy, S., Dutta, N.N., Majumder, S.

Relativistic coupled-cluster calculations on hyperfine structures and electromagnetic transition amplitudes of in iii RELATIVISTIC COUPLED-CLUSTER CALCULATIONS on ... SOURAV ROY, NARENDRA NATH DUTTA, and SONJOY MAJUMDER

(2014) Physical Review A - Atomic, Molecular, and Optical Physics, 89 (4), art. no. 042511, . Cited 6 times.

DOI: 10.1103/PhysRevA.89.042511

2. Sevic, D., Rabasovic, M.S., Pejcev, V., Marinkovic, B.P.

Experimental study of indium atom using electron and optical spectroscopy

(2013) Indium: Properties, Technological Applications and Health Issues, pp. 241-260. Cited 1 time.

DOCUMENT TYPE: Book Chapter

3. Simić, Z., Dimitrijević, M.S., Kovačević, A., Sahal-Bréchet, S.

Stark broadening of in III lines in astrophysical and laboratory plasma

(2011) Baltic Astronomy, 20 (4), pp. 613-617. Cited 2 times.

23. Djeniže, S., Srećković, A., Bukvić, S.

The C i 247.8561 nm resonance line stark broadening parameters

(2006) Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, 61 (1-2), pp. 91-94. Cited 5 times.

DOI: 10.1515/zna-2006-1-215

1. Levina, O.V.

Stark shift of the CI 2479 Å spectral line of carbon

(2017) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 123 (4), pp. 526-530.

DOI: 10.1134/S0030400X17100137

2. Burger, M., Hermann, J.

Stark broadening measurements in plasmas produced by laser ablation of hydrogen containing compounds

(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 122, pp. 118-126. Cited 16 times.

DOI: 10.1016/j.sab.2016.06.005

3. Mercadier, L., Hermann, J., Grisolia, C., Semerok, A.

Diagnostics of nonuniform plasmas for elemental analysis via laser-induced breakdown spectroscopy: Demonstration on carbon-based materials

(2013) *Journal of Analytical Atomic Spectrometry*, 28 (9), pp. 1446-1455. Cited 23 times.

DOI: 10.1039/c3ja50127b

24. Djeniže, S., Srećković, A., Bukvić, S., Vitas, N.

The Ag I and Au I resonance line broadening in helium plasma

(2006) *Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences*, 61 (9), pp. 491-498. Cited 2 times.

DOI: 10.1515/zna-2006-0907

25. Djeniže, S., Bukvić, S., Srećković, A., Nikolić, Z.

The first measured Mn II and Mn III Stark broadening parameters

(2006) *New Astronomy*, 11 (4), pp. 256-261. Cited 22 times.

DOI: 10.1016/j.newast.2005.08.005

1. Safi, A., Tavassoli, S.H., Cristoforetti, G., Tognoni, E., Campanella, B., Legnaioli, S., Pagnotta, S., Poggialini, F., Palleschi, V.

Exploiting Self-Absorption for Plasma Characterization in Laser-Induced Breakdown Spectroscopy Experiments: A Comparison of Two Recent Approaches

(2019) *Analytical Chemistry*, 91 (13), pp. 8595-8601.

DOI: 10.1021/acs.analchem.9b01885

2. Manrique, J., Aragón, C., Aguilera, J.A.

Experimental Stark widths and shifts of MnII spectral lines

(2019) *Monthly Notices of the Royal Astronomical Society*, 482 (2), pp. 1931-1936.

DOI: 10.1093/mnras/sty2835

3. Manrique, J., Aguilera, J.A., Aragón, C.

Experimental transition probabilities for Mn II spectral lines

(2018) *Monthly Notices of the Royal Astronomical Society*, 477 (2), pp. 1935-1939. Cited 2 times.

DOI: 10.1093/mnras/sty698

4. Aragón, C., Aguilera, J.A.

Direct analysis of aluminum alloys by CSigma laser-induced breakdown spectroscopy

(2018) *Analytica Chimica Acta*, 1009, pp. 12-19. Cited 19 times.

DOI: 10.1016/j.aca.2018.01.019

5. Aguilera, J.A., Aragón, C.
Analysis of rocks by CSigma laser-induced breakdown spectroscopy with fused glass sample preparation
(2017) *Journal of Analytical Atomic Spectrometry*, 32 (1), pp. 144-152. Cited 8 times.
DOI: 10.1039/c6ja00360e
6. Aragón, C., Aguilera, J.A.
Quantitative analysis by laser-induced breakdown spectroscopy based on generalized curves of growth
(2015) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 110, pp. 124-133. Cited 17 times.
DOI: 10.1016/j.sab.2015.06.010
7. Habib, A.A.M.
Calculation of the mean probability of photon capture for vacuum UV line emission of fluorine in the case of a thermal plasma mixture
(2014) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 96, pp. 74-79.
DOI: 10.1016/j.sab.2014.04.005
8. Aragón, C., Aguilera, J.A.
CSigma graphs: A new approach for plasma characterization in laser-induced breakdown spectroscopy
(2014) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 149, pp. 90-102. Cited 25 times.
DOI: 10.1016/j.jqsrt.2014.07.026
9. Habib, A.A.M.
Self-absorption quantification in the case of $\text{SF}_6\text{-N}_2$ thermal plasma mixture
(2012) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 113 (16), pp. 2146-2154. Cited 6 times.
DOI: 10.1016/j.jqsrt.2012.06.014
10. Levina, O.V.
Character of Stark shift of ionic lines in plasma with strong interparticle interaction
(2010) *Optics and Spectroscopy (English translation of Optika i Spektroskopiya)*, 109 (4), pp. 506-509.
DOI: 10.1134/S0030400X1010005X
11. Simić, Z.
Stark broadening of heavy metal spectral lines in atmospheres of chemically peculiar stars
(2010) *Journal of Physics: Conference Series*, 257 (1), art. no. 012037, . Cited 1 time.
DOI: 10.1088/1742-6596/257/1/012037
12. Sahal-Bréchet, S.
Case studies on recent Stark broadening calculations and STARK-B database development in the framework of the European project VAMDC (Virtual Atomic and Molecular Data Center)
(2010) *Journal of Physics: Conference Series*, 257 (1), art. no. 012028, . Cited 17 times.
DOI: 10.1088/1742-6596/257/1/012028
26. Djeniže, S., Srećković, A., Bukvić, S.
The first measured Ag I, Ag II and Ag III Stark broadening parameters
(2005) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 60 (12), pp. 1552-1555. Cited 20 times.
DOI: 10.1016/j.sab.2005.10.007
1. Nancy, P., James, J., Valluvadasan, S., Kumar, R.A.V., Kalarikkal, N.

Laser-plasma driven green synthesis of size controlled silver nanoparticles in ambient liquid
(2018) Nano-Structures and Nano-Objects, 16, pp. 337-346. Cited 9 times.
DOI: 10.1016/j.nanoso.2018.09.006

2. McNamara, K., Fursa, D.V., Bray, I.
Calculation of electron scattering on atomic silver
(2018) Journal of Physics B: Atomic, Molecular and Optical Physics, 51 (8), art. no. 085203, . Cited 1 time.
DOI: 10.1088/1361-6455/aab420

3. Khalid, A., Bashir, S., Jalil, S.A., Akram, M., Hayat, A., Dawood, A.
Spectroscopic and morphological studies of laser ablated silver
(2016) Optik, 127 (12), pp. 5128-5134. Cited 2 times.
DOI: 10.1016/j.ijleo.2016.03.015

4. Ahmat, L., Ahmed, I., Nadeem, A.
Infrared laser induced plasma diagnostics of silver target
(2014) Physics of Plasmas, 21 (9), art. no. 093501, . Cited 5 times.
DOI: 10.1063/1.4894221

5. Dell'Aglio, M., Gaudiuso, R., Elrashedy, R., De Pascale, O., Palazzo, G., De Giacomo, A.
Collinear double pulse laser ablation in water for the production of silver nanoparticles
(2013) Physical Chemistry Chemical Physics, 15 (48), pp. 20868-20875. Cited 29 times.
DOI: 10.1039/c3cp54194k

6. Donnelly, T., Lunney, J.G.
Confined laser ablation for single-shot nanoparticle deposition of silver
(2013) Applied Surface Science, 282, pp. 133-137. Cited 10 times.
DOI: 10.1016/j.apsusc.2013.05.083

7. De Bonis, A., Galasso, A., Ibris, N., Sansone, M., Santagata, A., Teghil, R.
Ultra-short pulsed laser deposition of thin silver films for surface enhanced Raman scattering
(2012) Surface and Coatings Technology, 207, pp. 279-285. Cited 22 times.
DOI: 10.1016/j.surfcoat.2012.06.084

8. Tošić, S.D., Pejčev, V., Šević, D., McEachran, R.P., Stauffer, A.D., Marinković, B.P.
Absolute differential cross sections for electron excitation of silver at small scattering angles
(2012) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 279, pp. 53-57. Cited 7 times.
DOI: 10.1016/j.nimb.2011.10.066

9. Rashid, B., Ahmed, R., Ali, R., Baig, M.A.
A comparative study of single and double pulse of laser induced breakdown spectroscopy of silver
(2011) Physics of Plasmas, 18 (7), art. no. 073301, . Cited 46 times.
DOI: 10.1063/1.3599591

10. Roberts, D.E., Du Plessis, A., Steyn, J., Botha, L.R., Strydom, C.A., Van Rooyen, I.J.
Femtosecond laser induced breakdown spectroscopy of silver within surrogate high temperature gas reactor fuel coated particles
(2010) Spectrochimica Acta - Part B Atomic Spectroscopy, 65 (11), pp. 918-926. Cited 12 times.
DOI: 10.1016/j.sab.2010.09.001

27. Bukvić, S., Spasojević, Dj.
An alternative approach to spectrum base line estimation
(2005) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 60 (9-10), pp. 1308-1315. Cited 26 times.
DOI: 10.1016/j.sab.2005.06.006

28. Djeniže, S., Srećković, A., Bukvić, S.
Mg II 448.1 nm spectral line stark broadening parameters
(2005) *Japanese Journal of Applied Physics, Part 1: Regular Papers and Short Notes and Review Papers*, 44 (3), pp. 1450-1451. Cited 6 times.
DOI: 10.1143/JJAP.44.1450

1. Dojčinović, I.P., Tapalaga, I., Purić, J.
Stark parameter regularities of neutral helium lines within different spectral series
(2012) *Monthly Notices of the Royal Astronomical Society*, 419 (1), pp. 904-912. Cited 11 times.
DOI: 10.1111/j.1365-2966.2011.19772.x

29. Djeniže, S., Srećković, A., Bukvić, S.
The first measured stark width and shift of the 402.6186 nm He I line
(2005) *Zeitschrift für Naturforschung - Section A Journal of Physical Sciences*, 60 (4), pp. 282-284. Cited 7 times.
DOI: 10.1515/zna-2005-0411

1. Dojčinović, I.P., Tapalaga, I., Purić, J.
Stark parameter regularities of neutral helium lines within different spectral series
(2012) *Monthly Notices of the Royal Astronomical Society*, 419 (1), pp. 904-912. Cited 11 times.
DOI: 10.1111/j.1365-2966.2011.19772.x

30. Srećković, A., Bukvić, S., Djeniže, S.
Measured stark widths in the O III spectrum
(2005) *Physica Scripta*, 71 (2), pp. 218-220. Cited 3 times.
DOI: 10.1238/Physica.Regular.071a00218

31. Bukvić, S., Srećković, A., Djeniže, S.
Experimental stark widths and shifts in the $3p\ 3D - 3d\ 3F^o$ O III transition
(2004) *Zeitschrift für Naturforschung - Section A Journal of Physical Sciences*, 59 (11), pp. 791-794. Cited 7 times.

32. Djeniže, S., Bukvić, S., Srećković, A.
Stark broadening and transition probability ratios in the Mg I spectrum
(2004) *Astronomy and Astrophysics*, 425 (1), pp. 361-365. Cited 10 times.
DOI: 10.1051/0004-6361:20041197

1. Burger, M., Hermann, J.
Stark broadening measurements in plasmas produced by laser ablation of hydrogen containing compounds
(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 122, pp. 118-126. Cited 16 times.
DOI: 10.1016/j.sab.2016.06.005
 2. De Bonis, A., Galasso, A., Santagata, A., Teghil, R.
Ultrashort pulsed laser ablation of magnesium diboride: Plasma characterization and thin films deposition
(2015) *Journal of Nanomaterials*, 2015, art. no. 596328, .
DOI: 10.1155/2015/596328
 3. Cvejić, M., Gavrilović, M.R., Jovićević, S., Konjević, N.
Stark broadening of Mg I and Mg II spectral lines and Debye shielding effect in laser induced plasma
(2013) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 85, pp. 20-33. Cited 18 times.
DOI: 10.1016/j.sab.2013.03.011
 4. Cheng, Y., Jin, X., Li, S., Zeng, L.
Fresnel absorption and inverse bremsstrahlung absorption in an actual 3D keyhole during deep penetration CO₂ laser welding of aluminum 6016
(2012) *Optics and Laser Technology*, 44 (5), pp. 1426-1436. Cited 17 times.
DOI: 10.1016/j.optlastec.2011.12.024
 5. Tapalaga, I., Dojčinović, I.P., Purić, J.
Stark width regularities within magnesium spectral series
(2011) *Monthly Notices of the Royal Astronomical Society*, 415 (1), pp. 503-512. Cited 10 times.
DOI: 10.1111/j.1365-2966.2011.18719.x
33. Bukvić, S., Srećković, A., Djeniže, S.
Mg II h and k lines Stark parameters Communicated by G.F. Gilmore
(2004) *New Astronomy*, 9 (8), pp. 629-633. Cited 15 times.
DOI: 10.1016/j.newast.2004.04.002
1. Zhu, Y., Kowalski, A.F., Tian, H., Uitenbroek, H., Carlsson, M., Allred, J.C.
Modeling Mg II h, k and Triplet Lines at Solar Flare Ribbons
(2019) *Astrophysical Journal*, 879 (1), art. no. 19, . Cited 2 times.
DOI: 10.3847/1538-4357/ab2238
 2. Aragón, C., Aguilera, J.A.
Direct analysis of aluminum alloys by CSigma laser-induced breakdown spectroscopy
(2018) *Analytica Chimica Acta*, 1009, pp. 12-19. Cited 19 times.
DOI: 10.1016/j.aca.2018.01.019
 3. Blagojević, B., Konjević, N.
Semiclassical calculations of electron impact Stark widths and shifts of singly ionized atom lines revisited
(2017) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 198, pp. 9-24. Cited 2 times.
DOI: 10.1016/j.jqsrt.2017.04.025
 4. Aguilera, J.A., Aragón, C.
Analysis of rocks by CSigma laser-induced breakdown spectroscopy with fused glass sample preparation
(2017) *Journal of Analytical Atomic Spectrometry*, 32 (1), pp. 144-152. Cited 8 times.

DOI: 10.1039/c6ja00360e

5. Sobral, H., Robledo-Martinez, A.

Signal enhancement in laser-induced breakdown spectroscopy using fast square-pulse discharges
(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 124, pp. 67-73. Cited 22 times.

DOI: 10.1016/j.sab.2016.08.017

6. Burger, M., Hermann, J.

Stark broadening measurements in plasmas produced by laser ablation of hydrogen containing compounds

(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 122, pp. 118-126. Cited 16 times.

DOI: 10.1016/j.sab.2016.06.005

7. D'Angelo, C.A., Garcimuño, M., Díaz Pace, D.M., Bertuccelli, G.

Plasma diagnostics from self-absorbed doublet lines in laser-induced breakdown spectroscopy

(2015) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 164, pp. 89-96. Cited 8 times.

DOI: 10.1016/j.jqsrt.2015.05.014

8. Aragón, C., Aguilera, J.A.

Quantitative analysis by laser-induced breakdown spectroscopy based on generalized curves of growth

(2015) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 110, pp. 124-133. Cited 17 times.

DOI: 10.1016/j.sab.2015.06.010

9. Aragón, C., Aguilera, J.A.

CSigma graphs: A new approach for plasma characterization in laser-induced breakdown spectroscopy

(2014) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 149, pp. 90-102. Cited 25 times.

DOI: 10.1016/j.jqsrt.2014.07.026

10. Noll, R.

Laser-induced breakdown spectroscopy: Fundamentals and applications

(2012) *Laser-Induced Breakdown Spectroscopy: Fundamentals and Applications*, pp. 1-543. Cited 393 times.

DOI: 10.1007/978-3-642-20668-9

34. Srećković, A., Bukvić, S., Djeniže, S.

Stark broadening parameters of the 381.96 nm He I line

(2004) *European Physical Journal D*, 30 (1), pp. 93-95. Cited 5 times.

DOI: 10.1140/epjd/e2004-00065-7

35. Djeniže, S., Bukvić, S., Srećković, A.

Bowen fluorescence, stark broadening, and transition probabilities in the O III spectrum

(2004) *Astrophysical Journal, Supplement Series*, 151 (2), pp. 399-402. Cited 5 times.

DOI: 10.1086/382223

36. Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.

Mg II spectral line broadening in helium, oxygen and argon-helium plasmas

(2004) *Astronomy and Astrophysics*, 424 (2), pp. 561-564. Cited 12 times.

DOI: 10.1051/0004-6361:20047176

1. Aragón, C., Aguilera, J.A.
Direct analysis of aluminum alloys by CSigma laser-induced breakdown spectroscopy
(2018) *Analytica Chimica Acta*, 1009, pp. 12-19. Cited 19 times.
DOI: 10.1016/j.aca.2018.01.019
SOURCE: Scopus
2. Blagojević, B., Konjević, N.
Semiclassical calculations of electron impact Stark widths and shifts of singly ionized atom lines revisited
(2017) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 198, pp. 9-24. Cited 2 times.
DOI: 10.1016/j.jqsrt.2017.04.025
3. Aguilera, J.A., Aragón, C.
Analysis of rocks by CSigma laser-induced breakdown spectroscopy with fused glass sample preparation
(2017) *Journal of Analytical Atomic Spectrometry*, 32 (1), pp. 144-152. Cited 8 times.
DOI: 10.1039/c6ja00360e
4. Burger, M., Hermann, J.
Stark broadening measurements in plasmas produced by laser ablation of hydrogen containing compounds
(2016) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 122, pp. 118-126. Cited 16 times.
DOI: 10.1016/j.sab.2016.06.005
5. Moreno-Díaz, C., Alonso-Medina, A., Colón, C., Porro, J.A., Ocaña, J.L.
Measurement of plasma electron density generated in an experiment of Laser Shock Processing, utilizing the H α -line
(2016) *Journal of Materials Processing Technology*, 232, pp. 9-18. Cited 2 times.
DOI: 10.1016/j.jmatprotec.2016.01.026
6. Aragón, C., Aguilera, J.A.
Quantitative analysis by laser-induced breakdown spectroscopy based on generalized curves of growth
(2015) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 110, pp. 124-133. Cited 17 times.
DOI: 10.1016/j.sab.2015.06.010
7. Aragón, C., Aguilera, J.A.
CSigma graphs: A new approach for plasma characterization in laser-induced breakdown spectroscopy
(2014) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 149, pp. 90-102. Cited 25 times.
DOI: 10.1016/j.jqsrt.2014.07.026
8. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper
37. Srećković, A., Bukvić, S., Djeniže, S., Dimitrijević, M.S.
Stark broadening parameters in singly and doubly ionized fluorine spectra
(2004) *Astronomy and Astrophysics*, 420 (2), pp. 769-774. Cited 2 times.
DOI: 10.1051/0004-6361:20035728
1. Dimitrijević, M.S.

Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

38. Djeniže, S., Bukvić, S., Srećković, A.
On the Bowen fluorescence mechanism in the helium-oxygen plasmas
(2003) Astronomy and Astrophysics, 411 (3), pp. 637-640. Cited 1 time.
DOI: 10.1051/0004-6361:20031359

1. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

39. Djeniže, S., Bukvić, S., Srećković, A., Kalezić, S.
Experimental transition probabilities and Stark shifts in O III and O IV spectra
(2003) Astronomy and Astrophysics, 406 (2), pp. 759-764. Cited 10 times.
DOI: 10.1051/0004-6361:20030695

1. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

40. Srećković, A., Dimitrijević, M.S., Djeniže, S., Bukvić, S.
Stark broadening parameters in the S III spectrum
(2003) Astronomy and Astrophysics, 400 (3), pp. 1155-1159. Cited 3 times.
DOI: 10.1051/0004-6361:20030064

1. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

41. Djeniže, S., Srećković, A., Bukvić, S.
Experimental transition probabilities in N III, N IV and N V spectra
(2002) European Physical Journal D, 20 (1), pp. 11-16. Cited 12 times.
DOI: 10.1140/epjd/e2002-00105-4

42. Srećković, A., Djeniže, S., Bukvić, S.
Measured transition probabilities in the O II higher multiplets
(2002) *Physica Scripta*, 65 (4), pp. 359-362. Cited 16 times.
DOI: 10.1238/Physica.Regular.065a00359

1. Hey, J.D.
On forms of the Coulomb approximation as a useful source of atomic data for the spectroscopy of astrophysical and fusion plasmas
(2017) *Journal of Physics B: Atomic, Molecular and Optical Physics*, 50 (6), art. no. 065701, . Cited 1 time.
DOI: 10.1088/1361-6455/aa5474

43. Djeniže, S., Dimitrijević, M.S., Srećković, A., Bukvić, S.
Stark shifts and transition probabilities in Si III and Si IV spectra
(2002) *Astronomy and Astrophysics*, 396 (1), pp. 331-336. Cited 11 times.
DOI: 10.1051/0004-6361:20021390

1. Iorga, C., Stancalie, V.
The study of the core–valence and core–core correlation effects on the radiative properties along the magnesium isoelectronic sequence
(2018) *Atomic Data and Nuclear Data Tables*, 123-124, pp. 313-328. Cited 1 time.
DOI: 10.1016/j.adt.2018.01.003

2. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

44. Djeniže, S., Srećković, A., Jelisavčić, M., Bukvić, S.
Experimental Stark widths and shifts of triply ionized sulfur spectral lines
(2002) *Astronomy and Astrophysics*, 389 (3), pp. 1086-1089. Cited 7 times.
DOI: 10.1051/0004-6361:20020717

1. Dimitrijević, M.S.
Ten years of the scientific society "Isaac Newton" and of "Yugoslavia" branch of the international astronomical institute Isaac Newton of Chile
(2012) VIII Serbian-Bulgarian Astronomical Conference, SBAC 2012, pp. 173-188.
DOCUMENT TYPE: Conference Paper

2. Djeniže, S., Bukvić, S.
Transition probabilities of several transitions in the Ar III and Ar IV spectra
(2001) *Astronomy and Astrophysics*, 365 (2), pp. 252-257. Cited 49 times.

1. Ynkun, P., Gaigalas, G., Jönsson, P.

Theoretical investigation of energy levels and transition data for S II, Cl III, Ar IV
(2019) *Astronomy and Astrophysics*, 623, art. no. 1834931, .
DOI: 10.1051/0004-6361/201834931

2. Nandi, T., Mishra, A.P., Jagatap, B.N.
Observation of transitions involving core-excited states in Ar III and Ar IV and high-lying singly excited states in Ar I-Ar IV
(2011) *Journal of Quantitative Spectroscopy and Radiative Transfer*, 112 (18), pp. 2771-2778. Cited 3 times.
DOI: 10.1016/j.jqsrt.2011.09.004

3. Djeniže, S., Bukvić, S., Mišković, D.
Stark widths and shifts of triply ionized argon spectral lines
(2001) *Astronomy and Astrophysics*, 367 (2), pp. 737-740. Cited 3 times.
DOI: 10.1051/0004-6361:20000453

4. Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.
Stark broadening parameters and transition probabilities in the OII spectrum
(2001) *Physica Scripta*, 63 (4), pp. 306-312. Cited 19 times.
DOI: 10.1238/Physica.Regular.063a00306

1. Gavanski, L.
Measurement of Stark halfwidths of spectral lines of ionized oxygen and silicon emitted from T-tube plasma
(2019) *Atoms*, 7 (1), art. no. 8, .
DOI: 10.3390/atoms7010008

2. Gavanski, L., Belmonte, M.T., Savić, I., Djurović, S.
Experimental stark halfwidths of the ionized oxygen and silicon spectral lines
(2016) *Monthly Notices of the Royal Astronomical Society*, 457 (4), pp. 4038-4050. Cited 2 times.
DOI: 10.1093/mnras/stw163

5. Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.
Stark broadening parameters in C II, C III and C IV spectra
(2000) *Journal of Physics B: Atomic, Molecular and Optical Physics*, 33 (21), pp. 4873-4889. Cited 21 times.
DOI: 10.1088/0953-4075/33/21/328

1. Liu, H., Truscott, B.S., Ashfold, M.N.R.
Determination of Stark parameters by cross-calibration in a multi-element laser-induced plasma
(2016) *Scientific Reports*, 6, art. no. 25609, . Cited 6 times.
DOI: 10.1038/srep25609

2. Larbi-Terzi, N., Sahal-Bréchet, S., Ben Nessib, N., Dimitrijević, M.S.
Stark-broadening calculations of singly ionized carbon spectral lines

(2012) Monthly Notices of the Royal Astronomical Society, 423 (1), pp. 766-773. Cited 14 times.
DOI: 10.1111/j.1365-2966.2012.20968.x

3. Dufour, P., Ben Nessib, N., Sahal-Bréchet, S., Dimitrijević, M.S.
Stark broadening of carbon and oxygen lines in hot dq White Dwarf stars: Recent results and applications
(2011) Baltic Astronomy, 20 (4), pp. 511-515. Cited 16 times.

4. Levina, O.V.
Character of Stark shift of ionic lines in plasma with strong interparticle interaction
(2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (4), pp. 506-509.
DOI: 10.1134/S0030400X1010005X

5. Goto, M., Morita, S., Koubiti, M.
Spectroscopic study of a carbon pellet ablation cloud
(2010) Journal of Physics B: Atomic, Molecular and Optical Physics, 43 (14), art. no. 144023, . Cited 9 times.
DOI: 10.1088/0953-4075/43/14/144023

6. Labat, J.M., Bukvic, S., Tankosić, D.
Diffusion of metastable atoms and optovoltic effect
(1999) Physica Scripta, 60 (1), pp. 81-86.
DOI: 10.1088/0031-8949/60/1/013

7. Srećković, A., Bukvić, S., Djeniže, S.
Measured stark widths and shifts of neutral silicon spectral lines
(1998) Physica Scripta, 57 (2), pp. 225-227. Cited 8 times.
DOI: 10.1088/0031-8949/57/2/012

1. Ivković, M., Konjević, N.
Stark width and shift for electron number density diagnostics of low temperature plasma: Application to silicon LIBS
(2017) Spectrochimica Acta - Part B Atomic Spectroscopy, 131, pp. 79-92. Cited 11 times.
DOI: 10.1016/j.sab.2017.03.015

2. Sun, Y., Zhong, S., Shan, F., Lu, Y., Sun, X., Liu, Z., Sheng, P.
Nanometer-film analysis by the laser-induced breakdown spectroscopy method: The effects of laser focus to sample distance
(2015) Applied Optics, 54 (15), pp. 4812-4819. Cited 6 times.
DOI: 10.1364/AO.54.004812

3. Sun, Y.-X., Zhong, S.-L., Lu, Y., Sun, X., Ma, J.-Y., Liu, Z.
Application of LIBS in element analysis of nanometer thin film prepared on silicon basement
(2015) Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis, 35 (5), pp. 1376-1382. Cited 2 times.
DOI: 10.3964/j.issn.1000-0593(2015)05-1376-07

8. Spasojević, Dj., Bukvić, S., Milošević, S., Savić, I.

Scaling relations of barkhausen noise
(1998) Solid State Phenomena, 61-62, pp. 37-44.

9. Djeniže, S., Bukvić, S., Srećković, A., Platiša, M.
Stark widths of doubly ionized argon spectral lines
(1996) Journal of Physics B: Atomic, Molecular and Optical Physics, 29 (3), pp. 429-434. Cited 6 times.
DOI: 10.1088/0953-4075/29/3/010

1. Hamdi, R., Ben Nessib, N., Sahal-Bréchet, S., Dimitrijević, M.S.
Stark widths of Ar III spectral lines in the atmospheres of subdwarf B stars
(2014) Advances in Space Research, 54 (7), pp. 1223-1230. Cited 7 times.
DOI: 10.1016/j.asr.2013.09.022

2. Peláez, R.J., Djurović, S., Čirišan, M., Aparicio, J.A., Mar, S.
Stark halfwidth trends along the homologous sequence of doubly ionized noble gases
(2012) Astronomy and Astrophysics, 539, art. no. A40, . Cited 2 times.
DOI: 10.1051/0004-6361/201118401

3. Djurović, S., Mar, S., Peláez, R.J., Aparicio, J.A.
Stark broadening of ultraviolet Ar III spectral lines
(2011) Monthly Notices of the Royal Astronomical Society, 414 (2), pp. 1389-1396. Cited 5 times.
DOI: 10.1111/j.1365-2966.2011.18470.x

10. Srećković, A., Djeniže, S., Bukvić, S.
On the NaI - D spectral lines stark shifts
(1996) Physica Scripta, 53 (1), pp. 54-56. Cited 4 times.
DOI: 10.1088/0031-8949/53/1/010

1. Deprince, J., Bautista, M.A., Fritzsche, S., García, J.A., Kallman, T.R., Mendoza, C., Palmeri, P., Quinet, P.
Plasma environment effects on K lines of astrophysical interest: I. Atomic structure, radiative rates, and Auger widths of oxygen ions
(2019) Astronomy and Astrophysics, 624, art. no. 201935075, .
DOI: 10.1051/0004-6361/201935075

11. Spasojević, D., Bukvić, S., Milošević, S., Stanley, H.E.
Barkhausen noise: Elementary signals, power laws, and scaling relations
(1996) Physical Review E - Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics, 54 (3), pp. 2531-2546. Cited 156 times.
DOI: 10.1103/PhysRevE.54.2531

1. Qu, Z., Wang, H., Ding, Y., Wang, W., Zheng, Y.
Nondestructive Detection and Analysis of Skidding Damage for Bearing Steel 100Cr6 Using Improved Magnetic Barkhausen Noise Technique
(2019) Journal of Nondestructive Evaluation, 38 (4), art. no. 92, .
DOI: 10.1007/s10921-019-0634-1

2. Xu, Y., Borrego, A.G., Planes, A., Ding, X., Vives, E.

Criticality in failure under compression: Acoustic emission study of coal and charcoal with different microstructures

(2019) Physical Review E, 99 (3), art. no. 033001, . Cited 3 times.

DOI: 10.1103/PhysRevE.99.033001

3. Bohn, F., Durin, G., Correa, M.A., Machado, N.R., Della Pace, R.D., Chesman, C., Sommer, R.L.

Playing with universality classes of Barkhausen avalanches

(2018) Scientific Reports, 8 (1), art. no. 11294, . Cited 5 times.

DOI: 10.1038/s41598-018-29576-3

4. Sparks, G., Maaß, R.

Shapes and velocity relaxation of dislocation avalanches in Au and Nb microcrystals

(2018) Acta Materialia, 152, pp. 86-95. Cited 11 times.

DOI: 10.1016/j.actamat.2018.04.007

5. Baity, P.G., Sasagawa, T., Popović, D.

Collective Dynamics and Strong Pinning near the Onset of Charge Order in $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$

(2018) Physical Review Letters, 120 (15), art. no. 156602, .

DOI: 10.1103/PhysRevLett.120.156602

6. Cao, C., Liu, X., Ren, X., Zeng, X., Zhang, K., Sun, D., Zhou, S., Wu, Y., Li, Y., Chen, J.-H.

Barkhausen effect in the first order structural phase transition in type-II Weyl semimetal

MoTe_2

(2018) 2D Materials, 5 (4), art. no. aae0de, .

DOI: 10.1088/2053-1583/aae0de

7. Aguilera, S., Hofmann, H., Odier, P.

Study and characterization of soft magnetic materials for beam intensity monitors at CERN

(2017) Journal of Physics: Conference Series, 903 (1), art. no. 012035, .

DOI: 10.1088/1742-6596/903/1/012035

8. Zhang, Y., Liu, J.P., Chen, S.Y., Xie, X., Liaw, P.K., Dahmen, K.A., Qiao, J.W., Wang, Y.L.

Serration and noise behaviors in materials

(2017) Progress in Materials Science, 90, pp. 358-460. Cited 55 times.

DOI: 10.1016/j.pmatsci.2017.06.004

9. Tadić, B., Dankulov, M.M., Melnik, R.

Mechanisms of self-organized criticality in social processes of knowledge creation

(2017) Physical Review E, 96 (3), art. no. 032307, . Cited 10 times.

DOI: 10.1103/PhysRevE.96.032307

10. Ding, X., Aktas, O., Wang, X., Li, S., Zhao, Z., Zhang, L., He, X., Lookman, T., Saxena, A., Sun, J.

Statistics of twinning in strained ferroelastics

(2017) Journal of Physics Condensed Matter, 29 (39), art. no. 394002, .

DOI: 10.1088/1361-648X/aa7ea0

11. Dubey, A.K., Hentschel, H.G.E., Procaccia, I., Singh, M.

Statistics of plastic events in post-yield strain-controlled amorphous solids

(2016) Physical Review B, 93 (22), art. no. 224204, . Cited 3 times.

DOI: 10.1103/PhysRevB.93.224204

12. Liang, S., Qi, Z., Qu, S., Zhu, J., Chiu, A.S.F., Jia, X., Xu, M.

- (2016) *Physica A: Statistical Mechanics and its Applications*, 452, pp. 311-319. Cited 10 times.
DOI: 10.1016/j.physa.2016.01.090
13. Skals'kyi, V.R., Pochaps'kyi, E.P., Mel'nyk, N.P.
Modeling of Motion of the Domain Walls in Ferromagnetic Materials (A Survey)
(2016) *Materials Science*, 51 (6), pp. 753-764.
DOI: 10.1007/s11003-016-9900-x
14. Lombardi, F., Herrmann, H.J., Plenz, D., De Arcangelis, L.
Temporal correlations in neuronal avalanche occurrence
(2016) *Scientific Reports*, 6, art. no. 24690, . Cited 12 times.
DOI: 10.1038/srep24690
15. Hentschel, H.G.E., Procaccia, I., Gupta, B.S.
Anatomy of plastic events in magnetic amorphous solids
(2016) *Physical Review E*, 93 (3), art. no. 033004, . Cited 5 times.
DOI: 10.1103/PhysRevE.93.033004
16. Liu, C., Ferrero, E.E., Puosi, F., Barrat, J.-L., Martens, K.
Driving rate dependence of avalanche statistics and shapes at the yielding transition
(2016) *Physical Review Letters*, 116 (6), art. no. 065501, . Cited 53 times.
DOI: 10.1103/PhysRevLett.116.065501
17. Tadić, B.
Multifractal analysis of Barkhausen noise reveals the dynamic nature of criticality at hysteresis loop
(2016) *Journal of Statistical Mechanics: Theory and Experiment*, 2016 (6), art. no. 063305, . Cited 7 times.
DOI: 10.1088/1742-5468/2016/06/063305
18. Dubey, A.K., Hentschel, H.G.E., Jaiswal, P.K., Mondal, C., Procaccia, I., Sen Gupta, B.
Modeling Barkhausen Noise in magnetic glasses with dipole-dipole interactions
(2015) *EPL*, 112 (1), art. no. 17011, . Cited 3 times.
DOI: 10.1209/0295-5075/112/17011
19. Iyer, K.K., Roberts, J.A., Hellström-Westas, L., Wikström, S., Hansen Pupp, I., Ley, D., Vanhatalo, S., Breakspear, M.
Cortical burst dynamics predict clinical outcome early in extremely preterm infants
(2015) *Brain*, 138 (8), pp. 2206-2218. Cited 39 times.
DOI: 10.1093/brain/awv129
20. Xu, J., Silevitch, D.M., Dahmen, K.A., Rosenbaum, T.F.
Barkhausen noise in the random field Ising magnet Nd₂Fe₁₄B
(2015) *Physical Review B - Condensed Matter and Materials Physics*, 92 (2), art. no. 024424, . Cited 5 times.
DOI: 10.1103/PhysRevB.92.024424
21. Dankulov, M.M., Melnik, R., Tadi, B.
The dynamics of meaningful social interactions and the emergence of collective knowledge
(2015) *Scientific Reports*, 5, art. no. 12197, . Cited 17 times.
DOI: 10.1038/srep12197
22. Harrison, R.G.
Accurate mean-field modeling of the Barkhausen noise power in ferromagnetic materials, using a positive-feedback theory of ferromagnetism

(2015) Journal of Applied Physics, 118 (2), art. no. 023904, . Cited 3 times.
DOI: 10.1063/1.4926474

23. Ding, X., Salje, E.K.H.
Heat transport by phonons and the generation of heat by fast phonon processes in ferroelastic materials
(2015) AIP Advances, 5 (5), art. no. 053604, . Cited 6 times.
DOI: 10.1063/1.4921899

24. Danku, Z., Lenkey, G.B., Kun, F.
Statistical features of magnetic noise in mixed-type impact fracture
(2015) Applied Physics Letters, 106 (6), art. no. 064102, . Cited 2 times.
DOI: 10.1063/1.4908184

25. Razi, A., Kahan, J., Rees, G., Friston, K.J.
Construct validation of a DCM for resting state fMRI
(2015) NeuroImage, 106, pp. 1-14. Cited 74 times.
DOI: 10.1016/j.neuroimage.2014.11.027

26. Bohn, F., Corrêa, M.A., Carara, M., Papanikolaou, S., Durin, G., Sommer, R.L.
Statistical properties of Barkhausen noise in amorphous ferromagnetic films
(2014) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 90 (3), art. no. 032821, . Cited 10 times.
DOI: 10.1103/PhysRevE.90.032821

27. Hentschel, H.G.E., Ilyin, V., Procaccia, I., Gupta, B.S.
Barkhausen noise in metallic glasses with strong local anisotropy: Model and theory
(2014) Journal of Statistical Mechanics: Theory and Experiment, 2014 (8), art. no. P08020, . Cited 6 times.
DOI: 10.1088/1742-5468/2014/08/P08020

28. Priesemann, V., Wibral, M., Valderrama, M., Pröpper, R., Le Van Quyen, M., Geisel, T., Triesch, J., Nikolić, D., Munk, M.H.J.
Spike avalanches in vivo suggest a driven, slightly subcritical brain state
(2014) Frontiers in Systems Neuroscience, 8 (JUNE), art. no. 108, . Cited 89 times.
DOI: 10.3389/fnsys.2014.00108

29. Zhao, Z., Ding, X., Sun, J., Salje, E.K.H.
Thermal and athermal crackling noise in ferroelastic nanostructures
(2014) Journal of Physics Condensed Matter, 26 (14), art. no. 142201, . Cited 20 times.
DOI: 10.1088/0953-8984/26/14/142201

30. Iyer, K.K., Roberts, J.A., Metsäranta, M., Finnigan, S., Breakspear, M., Vanhatalo, S.
Novel features of early burst suppression predict outcome after birth asphyxia
(2014) Annals of Clinical and Translational Neurology, 1 (3), pp. 209-214. Cited 17 times.
DOI: 10.1002/acn3.32

31. Daróczy, L., Eszenyi, G., Molnár, Z., Beke, D.L., Bükki-Deme, A., Zámboorszky, F.
Effect of excitation parameters on the Barkhausen-noise in FINEMET-Type amorphous ribbons
(2014) Materials Transactions, 55 (8), pp. 1237-1242.
DOI: 10.2320/matertrans.M2013458

32. Stupakov, O.

Stabilization of Barkhausen noise readings by controlling a surface field waveform
(2014) *Measurement Science and Technology*, 25 (1), art. no. 015604, . Cited 11 times.
DOI: 10.1088/0957-0233/25/1/015604

33. Roberts, J.A., Iyer, K.K., Finnigan, S., Vanhatalo, S., Breakspear, M.
Scale-free bursting in human cortex following hypoxia at birth
(2014) *Journal of Neuroscience*, 34 (19), pp. 6557-6572. Cited 28 times.
DOI: 10.1523/JNEUROSCI.4701-13.2014

34. Tadić, B., Šuvakov, M.
Can human-like Bots control collective mood: Agent-based simulations of online chats
(2013) *Journal of Statistical Mechanics: Theory and Experiment*, 2013 (10), art. no. P10014, . Cited 4 times.
DOI: 10.1088/1742-5468/2013/10/P10014

35. Dobrinevski, A., Le Doussal, P., Wiese, K.J.
Statistics of avalanches with relaxation and Barkhausen noise: A solvable model
(2013) *Physical Review E - Statistical, Nonlinear, and Soft Matter Physics*, 88 (3), art. no. 032106, . Cited 11 times.
DOI: 10.1103/PhysRevE.88.032106

36. Salje, E.K.H., Zhao, Z., Ding, X., Sun, J.
Mechanical spectroscopy in twinned minerals: Simulation of resonance patterns at high frequencies
(2013) *American Mineralogist*, 98 (8-9), pp. 1449-1458. Cited 12 times.
DOI: 10.2138/am.2013.4433

37. Handford, T.P., Pérez-Reche, F.J., Taraskin, S.N.
Mechanisms of evolution of avalanches in regular graphs
(2013) *Physical Review E - Statistical, Nonlinear, and Soft Matter Physics*, 87 (6), art. no. 062122, . Cited 9 times.
DOI: 10.1103/PhysRevE.87.062122

38. Tallakstad, K.T., Toussaint, R., Santucci, S., Måløy, K.J.
Non-Gaussian nature of fracture and the survival of fat-tail exponents
(2013) *Physical Review Letters*, 110 (14), art. no. 145501, . Cited 21 times.
DOI: 10.1103/PhysRevLett.110.145501

39. Aguilera, S., Odier, P., Ruffieux, R.
Magnetic materials for current transformers
(2013) *IBIC 2013: Proceedings of the 2nd International Beam Instrumentation Conference*, pp. 263-266.

40. Tadić, B., Gligorijević, V., Mitrović, M., Šuvakov, M.
Co-evolutionary mechanisms of emotional bursts in online social dynamics and networks
(2013) *Entropy*, 15 (12), pp. 5084-5120. Cited 26 times.
DOI: 10.3390/e15125084

41. Varga, R.
Magnetization processes in glass-coated microwires with positive magnetostriction
(2012) *Acta Physica Slovaca*, 62 (5), pp. 411-518. Cited 10 times.
DOI: 10.2478/v10155-012-0002-5

42. Le Doussal, P., Petković, A., Wiese, K.J.

Distribution of velocities and acceleration for a particle in Brownian correlated disorder: Inertial case
(2012) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 85 (6), art. no. 061116, . Cited 5 times.

DOI: 10.1103/PhysRevE.85.061116

SOURCE: Scopus

43. Dobrinevski, A., Le Doussal, P., Wiese, K.J.

Nonstationary dynamics of the Alessandro-Beatrice-Bertotti-Montorsi model

(2012) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 85 (3), art. no. 031105, . Cited 22 times.

DOI: 10.1103/PhysRevE.85.031105

44. Pruessner, G.

Self-organised criticality: Theory, models and characterisation

(2012) Self-Organised Criticality: Theory, Models and Characterisation, pp. 1-494. Cited 103 times.

DOI: 10.1017/CBO9780511977671

45. Tallakstad, K.T., Toussaint, R., Santucci, S., Schmittbuhl, J., Måløy, K.J.

Local dynamics of a randomly pinned crack front during creep and forced propagation: An experimental study

(2011) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 83 (4), art. no. 046108, . Cited 36 times.

DOI: 10.1103/PhysRevE.83.046108

46. Mitrović, M., Paltoglou, G., Tadić, B.

Quantitative analysis of bloggers' collective behavior powered by emotions

(2011) Journal of Statistical Mechanics: Theory and Experiment, 2011 (2), art. no. P02005, . Cited 37 times.

DOI: 10.1088/1742-5468/2011/02/P02005

47. Erdélyi, Z., Balogh, Z., Beke, D.L.

Kinetic critical radius in nucleation and growth processes - Trapping effect

(2010) Acta Materialia, 58 (17), pp. 5639-5645. Cited 15 times.

DOI: 10.1016/j.actamat.2010.06.037

48. Salje, E.K.H.

On the dynamics of ferroelastic domain boundaries under thermal and elastic forcing

(2010) Phase Transitions, 83 (9), pp. 657-669. Cited 7 times.

DOI: 10.1080/01411594.2010.494565

49. Chen, H.-S., Wu, G.Y.

Effects of pair correlation on mean-field theory of BTW sand pile model

(2010) Physica A: Statistical Mechanics and its Applications, 389 (12), pp. 2339-2350. Cited 1 time.

DOI: 10.1016/j.physa.2010.02.011

12. Bukvic, S., Labat, J.M.

Contribution to studies on hollow cathode discharges

(1992) Physica Scripta, 46 (1), pp. 57-62. Cited 5 times.

DOI: 10.1088/0031-8949/46/1/011

1. Martín-Rojo, A.B., Oyarzabal, E., Tabarés, F.L.

Characterization of suprathermal electron population in He dc glow discharges by optical emission and probe diagnostics
(2013) Plasma Sources Science and Technology, 22 (3), art. no. 035001, . Cited 4 times.
DOI: 10.1088/0963-0252/22/3/035001

13. Labat, J.M., Bukvić, S.
he influence of some impurities on the optogalvanic signal
(1988) Journal of Physics D: Applied Physics, 21 (9), pp. 1396-1402. Cited 7 times.
DOI: 10.1088/0022-3727/21/9/013

14. Platiša, M., Konjević, R., Bukvic, S.
Evaluation of spectral line profile from relative widths of Fabry- Perot interferograms
(1983) Optics and Laser Technology, 15 (4), pp. 209-213. Cited 2 times.
DOI: 10.1016/0030-3992(83)90079-8