

Ali Nadeem

List of Publications by Year in descending order

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all docs

39
docs citations

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224
citing authors

#	ARTICLE	IF	CITATIONS
1	Compositional analysis of soil using calibration-free laser-induced breakdown spectroscopy. Spectroscopy Letters, 2022, 55, 350-361.	1.0	1
2	Analysis of Carbon Contents and Heavy Metals in Coal Samples Using Calibration-free LIBS Technique. Journal of Spectroscopy, 2022, 2022, 1-11.	1.3	5
3	Exploiting calibration free laser-induced breakdown spectroscopy (CF-LIBS) for the analysis of food colors. Optik, 2021, 236, 166531.	2.9	18
4	Analysis of alloy and solar cells with double-pulse calibration-free laser-induced breakdown spectroscopy. Optik, 2020, 211, 164627.	2.9	7
5	Oscillator strength measurements of the $4s5s \ ^3S_{1/2} \rightarrow 4s5p \ ^3P_{2/2}$ Rydberg transitions of zinc. Spectroscopy Letters, 2019, 52, 143-149.	1.0	1
6	Bandgap Engineering in TiO_2/Ge Nanocomposite Thin Films. Arabian Journal for Science and Engineering, 2019, 44, 603-612.	3.0	1
7	Investigation of the $4s \ n \ f \ 1 \ F \ 3$ Rydberg states of zinc and determination of the dipole polarizability of the Zn^+ ion. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 142, 85-90.	2.9	1
8	Step-wise laser excitation of the $4s \ n \ f \ 3 \ F$ Rydberg states of neutral zinc. Spectroscopy Letters, 2018, 51, 1-6.	1.0	7
9	Quantitative analysis of Ge/Si alloys using double-pulse calibration-free laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 146, 101-105.	2.9	17
10	Quantitative analysis of Al-Si alloy using calibration free laser induced breakdown spectroscopy (CF-LIBS). Physics of Plasmas, 2017, 24, .	1.9	22
11	Characterization of laser produced plasma using laser induced breakdown spectroscopy. Plasma Physics Reports, 2017, 43, 858-864.	0.9	0
12	Structural and optical properties of TiO_2/Ge nanoparticles prepared through laser ablation in liquid medium. Canadian Journal of Physics, 2017, 95, 645-649.	1.1	1
13	Electron temperature and density measurements of laser induced germanium plasma. Physics of Plasmas, 2016, 23, .	1.9	18
14	Spectroscopic investigation of the $3d \ 2D \ ^1 \rightarrow 2F$ transitions in lithium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 119, 83-90.	2.9	0
15	Spectroscopic studies of magnesium plasma produced by fundamental and second harmonics of Nd:YAG laser. Physics of Plasmas, 2015, 22, .	1.9	19
16	Spectroscopic Investigation of the Odd-Parity $3d \ 2 \ D \ ^1 \rightarrow 2 \ F$ Transitions of Neutral Sodium. Journal of Applied Spectroscopy, 2015, 82, 719-725.	0.7	3
17	Infrared laser induced plasma diagnostics of silver target. Physics of Plasmas, 2014, 21, 093501.	1.9	7
18	Three-step laser excitation of the odd-parity $5s5d \ 3D \ ^1 \rightarrow 5s \ n \ f \ 3F$ states of cadmium. European Physical Journal D, 2014, 68, 1.	1.3	5

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19	Experimental investigation of photoionization cross section for the 3d 2D excited states of lithium and sodium. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	3
20	Photoionization studies from the 3p ² excited state of neutral lithium. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 3386.	2.1	9
21	Photoionization cross sections and oscillator strengths of neutral cesium. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 2058-2065.	2.3	0
22	Photoionization from the $5p^2$ excited state of neutral rubidium. <i>Physical Review A</i> , 2011, 83, .	2.5	20
23	Oscillator strength measurements of the 5s5p 3P ¹ 5s and 3D ₂ Rydberg transitions of cadmium. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 842-846.	2.9	9
24	Photoionization from the 6p ² 3/2 state of neutral cesium. <i>Physical Review A</i> , 2010, 81, .	2.5	8
25	Oscillator strength measurements of the highly excited 4s4p ³ P ₁ and 4s4d ³ D ₂ transitions of zinc. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010, 27, 402.	2.1	6
26	Multi-step laser excitation of the highly excited states of zinc. <i>Optics Communications</i> , 2006, 259, 834-839.	2.1	16
27	Two-step laser excitation of 4s and 3D _{1,2,3} and 4s and 3S ₁ states from the 4s4p3P levels in zinc. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 871-881.	1.5	12
28	Two-step laser spectroscopy of the highly excited even-parity levels of cadmium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 867-875.	1.5	8
29	Resistively heated high temperature atomic beam source. <i>Review of Scientific Instruments</i> , 2005, 76, 063105.	1.3	9
30	Two-step laser excitation of the even parity 5p ¹ 2np and nfj= 1,2 Rydberg levels of neutral tin. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 2407-2417.	1.5	12
31	Two-step laser excitation of 5p ³ 2np, nfj= 1 and 2 autoionizing Rydberg levels of tin. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 3729-3741.	1.5	12
32	Laser optogalvanic spectroscopy of 5p5nfj= 1-5 even-parity Rydberg levels of xenon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 4647-4655.	1.5	11
33	Two-colour three-photon excitation of the 6snf ₁ , 3F ₃ and 6snp ¹ P ₁ , 3P ₁ , 2Rydberg levels of Yb I. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 953-965.	1.5	13
34	Three-colour four-photon resonant excitation of the even-parity autoionizing resonances in Yb I. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 4361-4371.	1.5	11
35	Two-step laser spectroscopy of the even-parity Rydberg levels of neutral tin. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 5669-5679.	1.5	13
36	Observation of 3p5nd J = 2, 3 odd parity spectra of argon and MQDT analysis in the discrete and autoionizing regions. <i>Optics Communications</i> , 1999, 172, 37-46.	2.1	12

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37	Molecular dissociative sequential excitation and ionization of strontium vapor. European Physical Journal D, 1999, 6, 201-209.	1.3	9
38	Near-threshold photoionization spectra of strontium. Chemical Physics Letters, 1998, 296, 403-407.	2.6	13
39	Three-photon excitation of strontium Rydberg levels. Optics Communications, 1998, 156, 279-284.	2.1	6