

D NikoliÄ

List of Publications by Year in descending order

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39

papers

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citations

623734

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docs citations

40

times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic modeling of electrostatic radiation shields for deep space flight. <i>Radiation Physics and Chemistry</i> , 2022, 193, 110007.	2.8	2
2	Data analysis and isotopic ratios measured onboard the Spacecraft Atmosphere Monitor. <i>International Journal of Mass Spectrometry</i> , 2022, 477, 116847.	1.5	2
3	Quadrupole Ion Trap Mass Spectrometer for Ice Giant Atmospheres Exploration. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	2
4	High-precision measurements of krypton and xenon isotopes with a new static-mode quadrupole ion trap mass spectrometer. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 104-117.	3.0	14
5	Suppression of Dielectronic Recombination Due to Finite Density Effects. II. Analytical Refinement and Application to Density-dependent Ionization Balances and AGN Broad-line Emission. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 41.	7.7	15
6	Computer Modeling of an Ion Trap Mass Analyzer, Part I: Low Pressure Regime. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 2115-2124.	2.8	6
7	BOOTSTRAPPING DIELECTRONIC RECOMBINATION FROM SECOND-ROW ELEMENTS AND THE ORION NEBULA. <i>Astrophysical Journal</i> , 2015, 804, 100.	4.5	17
8	Accurate Xe Isotope Measurement Using JPL Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1841-1852.	2.8	13
9	SUPPRESSION OF DIELECTRONIC RECOMBINATION DUE TO FINITE DENSITY EFFECTS. <i>Astrophysical Journal</i> , 2013, 768, 82.	4.5	34
10	The effect of a paraffin screen on the neutron dose at the maze door of a 15 MV linear accelerator. <i>Medical Physics</i> , 2013, 40, 083902.	3.0	2
11	Dielectronic recombination data for dynamic finite-density plasmas. <i>Astronomy and Astrophysics</i> , 2012, 537, A40.	5.1	36
12	Measurement of 56Fe activity produced in inelastic scattering of neutrons created by cosmic muons in an iron shield. <i>Applied Radiation and Isotopes</i> , 2012, 70, 269-273.	1.5	4
13	Dielectronic recombination of argon-like ions. <i>Astronomy and Astrophysics</i> , 2010, 516, A97.	5.1	25
14	Stark broadening of the hydrogen H \hat{I}^3 spectral line at moderately low plasma electron densities. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2010, 111, 990-996.	2.3	5
15	Quantifying the strength and asymmetry of giant resonances in the photorecombination of $mml:math$ $xmlns:mml='http://www.w3.org/1998/Math/MathML'$ $ the photoionization of mml:math xmlns:mml='http://www.w3.org/1998/Math/MathML' mathvariant='normal'">Sc</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:math> Physical Review E, 2009, 79, 046102.$	2.5	8
16	M-Shell Dielectronic Recombination: Theoretical Study. , 2009, , .	0	
17	Measurements of $mml:math$ $xmlns:mml='http://www.w3.org/1998/Math/MathML'$ $ Stark central asymmetry and its analysis through standard theory and computer simulations. Physical Review E, 2009, 79, 046102.$	2.1	43
18	Resonance asymmetry and external field effects in the photorecombination of Ti4+. <i>Physical Review A</i> , 2009, 79, .	2.5	17

#	ARTICLE	IF	CITATIONS
19	Multiparametric dependence of hydrogen Stark profiles asymmetry. European Physical Journal D, 2008, 46, 111-127.	1.3	19
20	On Asymmetry of Hydrogen Spectral Lines in Nonequilibrium Plasmas. , 2008, , .	0	
21	Experimental and Theoretical Analysis of Central H ₂ Asymmetry. , 2008, , .	0	
22	Nonmonotonic behavior as a function of nuclear charge of the K-shell Auger and radiative rates and fluorescence yields along the 1s2s22p3 isoelectronic sequence. Physical Review A, 2008, 78, .	2.5	9
23	Orbital sensitivity in Mg ²⁺ -dielectronic recombination calculations. Physical Review A, 2008, 77, .	2.5	7
24	Steps toward dielectronic recombination of argon-like ions: A revisited theoretical investigation of Sc ³⁺ and Ti ⁴⁺ . Nuclear Instruments & Methods in Physics Research B, 2007, 261, 145-148.	1.4	4
25	Asymmetry of H ₂ Stark profiles in T-tube hydrogen plasma. Physical Review E, 2005, 71, 036407.	2.1	28
26	Dielectronic recombination resonances in Na ⁸⁺ . Physical Review A, 2004, 70, .	2.5	16
27	Determination of ion-broadening parameter for some Ar I spectral lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 86, 285-298.	2.3	15
28	High resolution studies of electron-ion recombination. Radiation Physics and Chemistry, 2003, 68, 51-56.	2.8	1
29	Comment on "Atomic spectral line-free parameter deconvolution procedure". Physical Review E, 2003, 67, 058401; author reply 058402.	2.1	5
30	Dielectronic recombination of lithiumlike beryllium: A theoretical and experimental investigation. Physical Review A, 2002, 66, .	2.5	22
31	A simple method for bremsstrahlung spectra reconstruction from transmission measurements. Medical Physics, 2002, 29, 932-938.	3.0	14
32	Title is missing!. Journal of Applied Spectroscopy, 2002, 69, 459-466.	0.7	2
33	Deconvolution of plasma broadened non-hydrogenic neutral atom lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 70, 67-74.	2.3	19
34	On Modeling of the Spectral Line Shape of Heavy Neutral Nonhydrogen-Like Emitters. Journal of Applied Spectroscopy, 2001, 68, 902-910.	0.7	4
35	Deconvolution procedure for plasma broadened neutral atom lines. , 1999, , .	2	
36	Influence of the biquadratic interaction to magnetic surface reconstruction. Physical Review B, 1999, 60, 6574-6583.	3.2	7

ARTICLE

IF

CITATIONS

- 37 Plasma broadened 419.07 nm and 419.10 nm neutral argon lines., 1999, , . 0
- 38 Simple method for deconvolution of a Gaussian and a plasma broadened spectral line profile $j_A, R(\lambda)$. Journal of Quantitative Spectroscopy and Radiative Transfer, 1993, 50, 329-335. 2.3 25
- 39 Measurements of H β^2 Stark central asymmetry and its analysis through standard theory and computer simulations., 0, . 1