Karol KozioÅ,

List of Publications by Year
in descending order

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26	169	1163117 8	1199594 12
papers	citations	h-index	g-index

26	26	26	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	display="inline"><mml:msup><mml:mi>K</mml:mi><mml:mi>h</mml:mi></mml:msup><mml:msub><mml:mi>Î±</mml:mi></mml:mrow Hypersatellite Line Broadening as a Signature of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-Shell Double Photoionization Followed by Outer-Shell Ionization and Excitation. Physical Review Letters, 2011, 107, 073001.	7.8	26
2	High-resolution tungsten spectroscopy relevant to the diagnostic of high-temperature tokamak plasmas. Physical Review A, 2018, 97, .	2.5	17
3	Breit corrections to individual atomic and molecular orbital energies. Journal of Chemical Physics, 2018, 148, 044113.	3.0	16
4	QED effects on individual atomic orbital energies. Journal of Chemical Physics, 2018, 148, 134101.	3.0	15
5	Relativistic and QED effects on NMR magnetic shielding constant of neutral and ionized atoms and diatomic molecules. Journal of Chemical Physics, 2019, 150, 184301.	3.0	15
6	Influence of multiple outer-shell electron stripping on the KÎ± and KÎ² x-ray energies of iridium. Physica Scripta, 2013, T156, 014083.	2.5	12
7	Quantum electrodynamics effects on NMR magnetic shielding constants of He-like and Be-like atomic systems. Physical Review A, 2016, 93, .	2.5	11
8	Determination of the KÎ²/KÎ± intensity ratios of silver in Ag-Cu alloys. Nuclear Instruments & Methods in Physics Research B, 2020, 468, 65-70.	1.4	9
9	MCDF-RCI predictions for structure and width ofKÎ±1,2x-ray line of Al and Si. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 149, 138-145.	2.3	8
10	Breit and QED contributions in atomic structure calculations of tungsten ions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 242, 106772.	2.3	6
11	Theoretical determination of two-electron one-photon transition characteristics for low-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Z</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math>-shell hollow atoms. Physical Review A, 2017, 96, .	2.5	5
12	Theoretical level energies, radiative lifetimes and transitions in WÂIX. Atomic Data and Nuclear Data Tables, 2021, 137, 101372.	2.4	5
13	Multiconfiguration Dirac-Hartree-Fock and configuration-interaction study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>d</mml:mi><mml:mo>â</mml:mo></mml:mrow x-ray transitions in Cu- and Ni-like tungsten ions. Physical Review A, 2018, 98, .	2.5	4
14	FLUKA Simulations of KÎ²/KÎ± Intensity Ratios of Copper in Agâ€“Cu Alloys. Materials, 2021, 14, 4462.	2.9	4
15	Theoretical predictions of the structure of M-X-ray lines of heavy atoms. Journal of Physics: Conference Series, 2009, 163, 012049.	0.4	3
16	EquilibriumK-,L-, andM-shell ionizations and charge-state distribution of sulfur projectiles passing through solid targets. Physical Review A, 2010, 82, .	2.5	3
17	Relativistically calculatedK-shell level widths and fluorescence yields for atoms with20â‰¤Zâ‰¤30. Physical Review A, 2014, 89, .	2.5	3
18	Natural widths, lifetimes, and fluorescence yields for the double <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3609" altimg="si13.svg"><mml:mi>K</mml:mi></mml:math>-shell hole states of atoms with 10 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3614" altimg="si14.svg"><mml:mo>â‰¤</mml:mo></mml:math> Z <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3619" altimg="si14.svg"><m	2.4	2

#	Article	IF	Citations
19	Relativistic and QED corrections to one-bond indirect nuclear spin-spin couplings in X$_2^{2+}$ and X$_3^{2+}$ ions (X = Zn, Cd, Hg). Journal of Chemical Physics, 0, , .	3.0	2
20	Influence of changes in the valence electronic configuration on the structure of L-X-ray spectra of molybdenum. Journal of Physics: Conference Series, 2009, 163, 012050.	0.4	1
21	Lifetimes of doublyK-shell ionized states. Physica Scripta, 2011, T144, 014021.	2.5	1
22	Width of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>K</mml:mi><mml:msub><mml:mi>L</mml:mi><mml:mi></mml:mi></mml:msub></mml:mrow> levels for Ca, Fe, and Zn. Physical Review A, 2014, 89, .	2.5	1
23	Theoretical predictions of the shapes and parameters of satellite and hypersatellite M-X-ray lines of heavy atoms. Journal of Physics: Conference Series, 2009, 194, 152015.	0.4	0
24	Influence of changes in the valence electronic configurations on the structure of K-X-ray spectra of 3d and 4d transition metals. Journal of Physics: Conference Series, 2009, 194, 022020.	0.4	0
25	Influence of changes in the valence electronic configuration on the structure of L-X-ray lines of 4d transition-metals. Journal of Physics: Conference Series, 2009, 194, 152014.	0.4	0
26	Equilibrium degree ofK-,L- andM-shell ionizations of sulfur projectiles passing through solid targets. Physica Scripta, 2011, T144, 014018.	2.5	0