Andrzej KÄdziorski

List of Publications by Year
in descending order

24	288	933447 10	888059 17
papers	citations	h-index	g-index

25	25	25	408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Broadband anti-Stokes white emission of Sr₂CeO₄ nanocrystals induced by laser irradiation. Physical Chemistry Chemical Physics, 2016, 18, 27921-27927.	2.8	53
2	Role of the Antenna in Tissue Selective Probes Built of Lanthanideâ"Organic Chelates. Journal of Physical Chemistry A, 2008, 112, 2397-2407.	2.5	32
3	Ab initio Theoretical Study on the 4f² and 4f5d Electronic Manifolds of Cubic Defects in CaF₂:Pr³⁺. Journal of Physical Chemistry A, 2014, 118, 358-368.	2.5	28
4	Efficiency of the energy transfer in lanthanide-organic chelates; spectral overlap integral. Journal of Luminescence, 2010, 130, 1154-1159.	3.1	25
5	The first example of ab initio calculations of fâ€"f transitions for the case of [Eu(DOTP)]5â" complexâ€"experiment versus theory. Physical Chemistry Chemical Physics, 2016, 18, 27808-27817.	2.8	19
6	Enhancement of and interference among higher order multipole transitions in molecules near a plasmonic nanoantenna. Nature Communications, 2019, 10, 5775.	12.8	19
7	New parametrization of spectra of Nd3+ and Sm3+ in glasses. Journal of Alloys and Compounds, 2008, 451, 686-690.	5.5	16
8	electric dipole transitions; old problems in a new light. Journal of Alloys and Compounds, 2009, 488, 586-590.	5.5	16
9	Extended parametrization scheme of f-spectra. Journal of Luminescence, 2007, 127, 552-560.	3.1	12
10	Interatomic potentials of metal dimers: probing agreement between experiment and advancedab initiocalculations for van der Waals dimer Cd₂. International Reviews in Physical Chemistry, 2017, 36, 541-620.	2.3	10
11	Magnetic dipole transitions in crystals. Molecular Physics, 2004, 102, 1105-1111.	1.7	9
12	The E 3 Î£ 1 + (6 3 S 1) â†•A 3 Î 0+ (5 3 P 1) transition in CdAr revisited: The spectrum and new analysis of the E 3 Î£ 1 + Rydberg state interatomic potential. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 58-66.	3.9	9
13	Borrowing Intensity in Rare Earth Doped Materials; Magnetic Dipole Transitions. Collection of Czechoslovak Chemical Communications, 2005, 70, 905-922.	1.0	6
14	Rydberg states of the CdAr van der Waals complex. Physical Review A, 2019, 99, .	2.5	6
15	Atomic fine-structure calculations performed with a finite-nuclear-mass approach and with all-electron explicitly correlated Gaussian functions. Chemical Physics Letters, 2020, 751, 137476.	2.6	6
16	Magnetic configuration, electronic structure, and stability of the low-index surfaces of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math>-Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>N<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	5
17	Hyperfineâ€‰nducedfâ†"fTransitions: Effective Operator Formulation. Spectroscopy Letters, 2007, 40, 293-315.	1.0	4
18	Net-value of the relativistic crystal field effect. Journal of Alloys and Compounds, 2004, 380, 151-155.	5.5	3

#	Article	IF	Citations
19	Experimental and Ab Initio Study on the Intensitiesof fâ€“f Transitions for the Molecular Eu(III)â€ŊDOTP System. ChemistrySelect, 2019, 4, 1394-1402.	1.5	3
20	Magnetic dipole transitions in crystals. Journal of Alloys and Compounds, 2008, 451, 18-34.	5.5	2
21	Influence of dopant concentration on spectroscopic properties of Sr 2 CeO 4 :Yb nanocrystals. Optical Materials, 2017, 74, 34-40.	3.6	2
22	Rydberg states of ZnAr complex. Molecular Physics, 2022, 120, .	1.7	2
23	Fine structure of the beryllium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>P</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math> states calculated with all-electron explicitly correlated Gaussian functions. Physical Review A, 2022, 105, .	2.5	1
24	Interatomic potentials of van der Waals dimers Hg2and Cd2: Probing discrepancies between theory and experiment. Journal of Physics: Conference Series, 2017, 810, 012018.	0.4	0