

Andrzej Kądziorski

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

288
citations

933447

10
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine structure of the beryllium $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ states calculated with all-electron explicitly correlated Gaussian functions. <i>Physical Review A</i> , 2022, 105, .	2.5	1
2	Rydberg states of ZnAr complex. <i>Molecular Physics</i> , 2022, 120, .	1.7	2
3	Atomic fine-structure calculations performed with a finite-nuclear-mass approach and with all-electron explicitly correlated Gaussian functions. <i>Chemical Physics Letters</i> , 2020, 751, 137476.	2.6	6
4	Experimental and <i>Ab Initio</i> Study on the Intensities of $f \leftarrow f$ Transitions for the Molecular Eu(III)-DOTP System. <i>ChemistrySelect</i> , 2019, 4, 1394-1402.	1.5	3
5	Rydberg states of the CdAr van der Waals complex. <i>Physical Review A</i> , 2019, 99, .	2.5	6
6	Enhancement of and interference among higher order multipole transitions in molecules near a plasmonic nanoantenna. <i>Nature Communications</i> , 2019, 10, 5775.	12.8	19
7	The $E 3 \leftarrow 1 + (6 3 S 1) \rightarrow A 3 \leftarrow 0 + (5 3 P 1)$ transition in CdAr revisited: The spectrum and new analysis of the $E 3 \leftarrow 1 +$ Rydberg state interatomic potential. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 58-66.	3.9	9
8	Influence of dopant concentration on spectroscopic properties of Sr ₂ CeO ₄ :Yb nanocrystals. <i>Optical Materials</i> , 2017, 74, 34-40.	3.6	2
9	Interatomic potentials of metal dimers: probing agreement between experiment and advanced <i>ab initio</i> calculations for van der Waals dimer Cd ₂ . <i>International Reviews in Physical Chemistry</i> , 2017, 36, 541-620.	2.3	10
10	Interatomic potentials of van der Waals dimers Hg ₂ and Cd ₂ : Probing discrepancies between theory and experiment. <i>Journal of Physics: Conference Series</i> , 2017, 810, 012018.	0.4	0
11	The first example of <i>ab initio</i> calculations of $f \leftarrow f$ transitions for the case of [Eu(DOTP)] ⁵⁺ complex—experiment versus theory. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27808-27817.	2.8	19
12	Broadband anti-Stokes white emission of Sr ₂ CeO ₄ nanocrystals induced by laser irradiation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27921-27927.	2.8	53
13	<i>Ab initio</i> Theoretical Study on the 4f ² and 4f ⁵ d Electronic Manifolds of Cubic Defects in CaF ₂ :Pr ₃₊ Magnetic configuration, electronic structure, and stability of the low-index surfaces of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mi} \rangle \hat{\cdot} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mn $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{N} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	2.5	28
14	Efficiency of the energy transfer in lanthanide-organic chelates; spectral overlap integral. <i>Journal of Luminescence</i> , 2010, 130, 1154-1159.	3.2	5
15	electric dipole transitions; old problems in a new light. <i>Journal of Alloys and Compounds</i> , 2009, 488, 586-590.	3.1	25
16	New parametrization of spectra of Nd ³⁺ and Sm ³⁺ in glasses. <i>Journal of Alloys and Compounds</i> , 2008, 451, 686-690.	5.5	16
17	Magnetic dipole transitions in crystals. <i>Journal of Alloys and Compounds</i> , 2008, 451, 18-34.	5.5	16
18		5.5	2

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19	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
20	Hyperfineâ€”Inducedâ€”fâ€”f Transitions: Effective Operator Formulation. Spectroscopy Letters, 2007, 40, 293-315.	1.0	4
21	Extended parametrization scheme of f-spectra. Journal of Luminescence, 2007, 127, 552-560.	3.1	12
22	Borrowing Intensity in Rare Earth Doped Materials; Magnetic Dipole Transitions. Collection of Czechoslovak Chemical Communications, 2005, 70, 905-922.	1.0	6
23	Magnetic dipole transitions in crystals. Molecular Physics, 2004, 102, 1105-1111.	1.7	9
24	Net-value of the relativistic crystal field effect. Journal of Alloys and Compounds, 2004, 380, 151-155.	5.5	3