

Aleksei Y Grishko

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

281
citations

1040056

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1058476

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docs citations

15
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic advantages of reactive polyiodide melts for scalable perovskite photovoltaics. <i>Nature Nanotechnology</i> , 2019, 14, 57-63.	31.5	75
2	A new formation strategy of hybrid perovskites via room temperature reactive polyiodide melts. <i>Materials Horizons</i> , 2017, 4, 625-632.	12.2	57
3	Unusual Luminescence Properties of Heterometallic REE Terephthalates. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1660-1664.	2.0	29
4	Universal Strategy of 3D and 2D Hybrid Perovskites Single Crystal Growth via In Situ Solvent Conversion. <i>Chemistry of Materials</i> , 2020, 32, 9805-9812.	6.7	18
5	Lanthanide Tetrafluoroterephthalates for Luminescent Ink-Jet Printing. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5635-5639.	2.0	17
6	Lanthanide heterometallic terephthalates: Concentration quenching and the principles of the "multiphotonic emission". <i>Optical Materials</i> , 2017, 74, 201-208.	3.6	16
7	Europium 2-benzofuranoate: Synthesis and use for bioimaging. <i>Optical Materials</i> , 2017, 74, 191-196.	3.6	14
8	Highly Luminescent Gradient Alloy CdSe _{1-x} S _x Nanoplatelets with Reduced Reabsorption for White-Light Generation. <i>ACS Photonics</i> , 2020, 7, 3188-3198.	6.6	14
9	Patterned films of a hybrid lead halide perovskite grown using space-confined conversion of metallic lead by reactive polyiodide melts. <i>RSC Advances</i> , 2019, 9, 37079-37081.	3.6	10
10	New Aspects of Copper Electrode Metamorphosis in Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24601-24607.	3.1	9
11	Measure is Treasure: Proper Iodine Vapor Treatment as a New Method of Morphology Improvement of Lead-Halide Perovskite Films. <i>Chemistry of Materials</i> , 2020, 32, 9140-9146.	6.7	8
12	Solvent-free deposition of hybrid halide perovskites onto thin films of copper iodide p-type conductor. <i>Mendeleev Communications</i> , 2021, 31, 163-165.	1.6	7
13	Pattern of covalent and non-covalent interactions within the pentaiodide anion in the structure of (3HOOC) ₅ H ₉ NH ₂ I ₅ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , .	1.2	3
14	Optical properties and electronic structure of methylammonium iodocuprate as an X-ray scintillator. <i>Mendeleev Communications</i> , 2021, 31, 14-16.	1.6	2
15	Iodine Solution Treatment in Nonpolar Solvents as a Facile Approach to Improve the Morphology and Photostability of Perovskite Films. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2695-2703.	4.6	2