

Yaroslav V Aulin

List of Publications by Year in descending order

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papers

778
citations

933447

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1125743

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docs citations

14
times ranked

1795
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Intercalated Metals on the Electrocatalytic Activity of 1T-MoS ₂ for the Hydrogen Evolution Reaction. ACS Energy Letters, 2018, 3, 7-13.	17.4	211
2	Bimolecular Auger Recombination of Electron-Hole Pairs in Two-Dimensional CdSe and CdSe/CdZnS Core/Shell Nanoplatelets. Journal of Physical Chemistry Letters, 2013, 4, 3574-3578.	4.6	146
3	Density of Trap States and Auger-mediated Electron Trapping in CdTe Quantum-Dot Solids. Nano Letters, 2015, 15, 3056-3066.	9.1	84
4	Intercalation of Cobalt into the Interlayer of Birnessite Improves Oxygen Evolution Catalysis. ACS Catalysis, 2016, 6, 7739-7743.	11.2	79
5	Structure Evolution and Thermoelectric Properties of Carbonized Polydopamine Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 6655-6660.	8.0	77
6	Systematic Doping of Cobalt into Layered Manganese Oxide Sheets Substantially Enhances Water Oxidation Catalysis. Inorganic Chemistry, 2018, 57, 557-564.	4.0	43
7	Photochemical upconversion in metal-based octaethyl porphyrin-diphenylanthracene systems. RSC Advances, 2015, 5, 107896-107903.	3.6	37
8	Cyclometalated red iridium(iii) complexes containing carbazolyl-acetylacetonate ligands: efficiency enhancement in polymer LED devices. Dalton Transactions, 2010, 39, 8613.	3.3	33
9	Morphology-independent Efficient Singlet Exciton Fission in Perylene Diimide Thin Films. ChemPlusChem, 2018, 83, 230-238.	2.8	30
10	Structural evolution and electrical properties of metal ion-containing polydopamine. Journal of Materials Science, 2019, 54, 6393-6400.	3.7	19
11	Ultrabroadband mid-infrared noncollinear difference frequency generation in a silver thiogallate crystal. Optics Letters, 2018, 43, 4402.	3.3	9
12	Ultrafast Vibrational Cooling Inside of a Molecular Container. Journal of Physical Chemistry Letters, 2019, 10, 2434-2438.	4.6	8
13	<title>Orthogonal properties of homogeneous anisotropy medium</title>. Proceedings of SPIE, 2007, 6536, 108.	0.8	2