Jianhui Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2136235/publications.pdf

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11	317	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	772
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Charge Carrier Transport in Lead-Free Double-Perovskite Cs₂AgBiCl₆ Nanocrystals Grown In Situ on Reduced Graphene Oxides. Journal of Physical Chemistry C, 2022, 126, 1055-1063.	3.1	8
2	Synthesis of SnO2/rGO/g-C3N4 composite nanomaterials with efficient charge transfer for sensitive optoelectronic detection of NO2 gas. Materials Research Bulletin, 2022, 153, 111894.	5.2	8
3	Red Shift of Bleaching Signals in Femtosecond Transient Absorption Spectra of CsPbX₃ (X) Tj ETQq1 1 0.784314 rgBT /Ove 125, 5278-5287.	3.1	8
4	Wavefunction engineering for efficient photoinduced-electron transfer in CuInS₂ quantum dot-sensitized solar cells. Nanotechnology, 2020, 31, 215408.	2.6	4
5	A comprehensive comparison study on the vibrational and optical properties of CVD-grown and mechanically exfoliated few-layered WS₂. Journal of Materials Chemistry C, 2017, 5, 11239-11245.	5.5	31
6	Amplified Spontaneous Emission from Organicâ€“Inorganic Hybrid Lead Iodide Perovskite Single Crystals under Direct Multiphoton Excitation. Advanced Optical Materials, 2016, 4, 1053-1059.	7.3	47
7	Mechanistic Understanding of Excitation-Correlated Nonlinear Optical Properties in MoS₂ Nanosheets and Nanodots: The Role of Exciton Resonance. ACS Photonics, 2016, 3, 2434-2444.	6.6	44
8	Photocarrier recombination dynamics in ternary chalcogenide CuInS2 quantum dots. Physical Chemistry Chemical Physics, 2015, 17, 11981-11989.	2.8	56
9	Ultrafast carrier dynamics in CuInS2 quantum dots. Applied Physics Letters, 2014, 104, .	3.3	38
10	Shell-thickness-dependent photoinduced electron transfer from CuInS2/ZnS quantum dots to TiO2 films. Applied Physics Letters, 2013, 102, .	3.3	50
11	Photoluminescence quenching of CdTe/CdS core-shell quantum dots in aqueous solution by ZnO nanocrystals. Journal of Luminescence, 2011, 131, 1536-1540.	3.1	23