

Jianhui Sun

List of Publications by Year in descending order

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

Version: 2024-02-01

11
papers

317
citations

1163117
8
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocarrier recombination dynamics in ternary chalcogenide CuInS ₂ quantum dots. Physical Chemistry Chemical Physics, 2015, 17, 11981-11989.	2.8	56
2	Shell-thickness-dependent photoinduced electron transfer from CuInS ₂ /ZnS quantum dots to TiO ₂ films. Applied Physics Letters, 2013, 102, .	3.3	50
3	Amplified Spontaneous Emission from Organic-Inorganic Hybrid Lead Iodide Perovskite Single Crystals under Direct Multiphoton Excitation. Advanced Optical Materials, 2016, 4, 1053-1059.	7.3	47
4	Mechanistic Understanding of Excitation-Correlated Nonlinear Optical Properties in MoS ₂ Nanosheets and Nanodots: The Role of Exciton Resonance. ACS Photonics, 2016, 3, 2434-2444.	6.6	44
5	Ultrafast carrier dynamics in CuInS ₂ quantum dots. Applied Physics Letters, 2014, 104, .	3.3	38
6	A comprehensive comparison study on the vibrational and optical properties of CVD-grown and mechanically exfoliated few-layered WS ₂ . Journal of Materials Chemistry C, 2017, 5, 11239-11245.	5.5	31
7	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
8	Red Shift of Bleaching Signals in Femtosecond Transient Absorption Spectra of CsPbX ₃ (X) Tj ETQq0 0 0 rgBT /Overlock 10 125, 5278-5287.	3.1	8
9	Enhanced Charge Carrier Transport in Lead-Free Double-Perovskite Cs ₂ AgBiCl ₆ Nanocrystals Grown <i>In Situ</i> on Reduced Graphene Oxides. Journal of Physical Chemistry C, 2022, 126, 1055-1063.	3.1	8
10	Synthesis of SnO ₂ /rGO/g-C ₃ N ₄ composite nanomaterials with efficient charge transfer for sensitive optoelectronic detection of NO ₂ gas. Materials Research Bulletin, 2022, 153, 111894.	5.2	8
11	Wavefunction engineering for efficient photoinduced-electron transfer in CuInS ₂ quantum dot-sensitized solar cells. Nanotechnology, 2020, 31, 215408.	2.6	4