

Fuchun Zhang

List of Publications by Year in descending order

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12
papers

74
citations

1478505

6
h-index

1474206

9
g-index

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all docs

12
docs citations

12
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of two-dimensional puckered and buckled honeycomb-like carbon sulfur systems. <i>Journal of Computational Electronics</i> , 2021, 20, 759-774.	2.5	3
2	New honeycomb-like M-based ($M = \text{C, Si, Ge and Sn}$) monochalcogenides polymorphs: An extended family as isoelectronic photocatalysts of Group-VA for water splitting. <i>Applied Surface Science</i> , 2021, 554, 149644.	6.1	10
3	First-principles study on the electronic structure and optical properties of BiOBr. <i>Ferroelectrics</i> , 2020, 565, 128-136.	0.6	4
4	The electronic and optical properties of Ni-doped Bi ₄ O ₅ I ₂ : First-principles calculations. <i>Results in Physics</i> , 2020, 19, 103596.	4.1	8
5	Experimental and DFT investigation on the different effects of Er ³⁺ - and Ag ⁺ -doped BiOBr microspheres in enhancing photocatalytic activity under visible light irradiation. <i>Journal of Materials Science</i> , 2020, 55, 11226-11240.	3.7	13
6	Controllable Synthesis and Photocatalytic Activity of Nano-BiOBr Photocatalyst. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-7.	2.7	6
7	Magnetic and optical properties of Co-doped ZnO nanorod arrays. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	6
8	Research on fabrication and optical properties of doped nano-ZnO microspheres. <i>Ferroelectrics</i> , 2019, 547, 105-111.	0.6	0
9	Fabrication and Study on Magnetic-Optical Properties of Ni-Doped ZnO Nanorod Arrays. <i>Micromachines</i> , 2019, 10, 622.	2.9	7
10	Identifying properties of Co-doped ZnO nanowires from first-principles calculations. <i>Vacuum</i> , 2015, 119, 131-135.	3.5	9
11	First-principles study on electronic structures and optical properties of the single-walled (n, 0) ZnO nanotubes. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 706-712.	5.1	4
12	A first-principles study of the size-dependent electronic properties of SiC nanotubes. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1333-1338.	5.1	4