

Ji-Hui Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7488382/publications.pdf>

Version: 2024-02-01

39
papers

4,770
citations

279798

23
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

6877
citing authors

#	ARTICLE	IF	CITATIONS
1	Halide perovskite materials for solar cells: a theoretical review. Journal of Materials Chemistry A, 2015, 3, 8926-8942.	10.3	1,114
2	Design of Lead-Free Inorganic Halide Perovskites for Solar Cells via Cation-Transmutation. Journal of the American Chemical Society, 2017, 139, 2630-2638.	13.7	714
3	Intrinsic point defects and complexes in the quaternary kesterite semiconductor Compositional dependence of structural and electronic properties of Cu ₂ SnS ₄ Physical Review B, 2010, 81, .	3.2	624
4	Structural diversity and electronic properties of Cu ₂ SnS ₄ Physical Review B, 2010, 81, .	3.2	399
5	Wurtzite-derived polytypes of kesterite and stannite quaternary chalcogenide semiconductors. Physical Review B, 2010, 82, .	3.2	259
6	Predicting Two-Dimensional Boron-Carbon Compounds by the Global Optimization Method. Journal of the American Chemical Society, 2011, 133, 16285-16290.	13.7	242
7	Effective band gap narrowing of anatase TiO ₂ by strain along a soft crystal direction. Applied Physics Letters, 2010, 96, .	3.3	185
8	Structural diversity and electronic properties of Cu ₂ SnS ₄ Physical Review B, 2010, 81, .		

#	ARTICLE	IF	CITATIONS
37	Semiconductor-to-metal transition from monolayer to bilayer blue phosphorous induced by extremely strong interlayer coupling: a first-principles study. <i>Nanoscale</i> , 2022, 14, 4082-4088.	5.6	3
38	Enhancing Hole Density and Suppressing Recombination Centers through Illumination in Kesterite Thin Film Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2474-2478.	4.6	3
39	Notice of Removal Antimony diffusion in CdTe. , 2017, , .		0