

Xiao-long Zhou

List of Publications by Year in descending order

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12
papers

56
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2258059

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1720034

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12
all docs

12
docs citations

12
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	DFT study on structural, electronic, and optical properties of cubic and monoclinic CuO. Journal of Computational Electronics, 2018, 17, 21-28.	2.5	29
2	The structural, electronic and optical properties of novel GaP/ZnS/AlP multilayer heterostructure: first-principles study. Materials Research Express, 2019, 6, 095912.	1.6	5
3	Tensile deformation behavior of high strength anti-seismic steel with multi-phase microstructure. Journal of Iron and Steel Research International, 2017, 24, 111-120.	2.8	4
4	Characterization/mechanical behavior of $\langle \text{AgCuOSnO}_2 \rangle$ composites: Experimental and finite element study. Polymer Composites, 2021, 42, 5721-5730.	4.6	4
5	The Structural, Electronic, and Optical Properties of a Novel Multilayer Heterostructure ZnSe/AlAs/GaAs: First-Principles Study. Physica Status Solidi (B): Basic Research, 2021, 258, 2100034.	1.5	3
6	Tunable bandgap and vacancy defects in GaSe/SnSe van der Waals heterostructure. Journal of Materials Research, 2021, 36, 4927-4937.	2.6	3
7	The effects of CuO particle size on microstructure evolution of AgCuO composites in plastic deformation process: finite element simulation and experimental study. Materials Research Express, 2018, 5, 046306.	1.6	2
8	Effect of CuO and SnO ₂ particle size on hot extrusion deformation of AgCuOSnO ₂ : Finite element simulation and experimental study. Journal of Central South University, 2021, 28, 633-647.	3.0	2
9	First principles calculations of electrical and optical properties of Cu ₃ N/MoS ₂ heterostructure with tunable bandgaps. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
10	Structural, electrical and optical properties of InGaZnO_4 and $\text{In}_{29}\text{Sn}_3\text{O}_{48}$. Journal of Computational Electronics, 2017, 16, 280-286.	2.5	1
11	The structural, electronic and optical properties of ZnTe/CdSe/GaSb heterotrilinear: first-principles study. Journal Physics D: Applied Physics, 2021, 54, 415104.	2.8	1
12	Comparison of thermal and mechanical properties of $\hat{\Gamma}^3\text{-Pt}_3\text{Al}$ and $\hat{\Gamma}^3\text{-Ni}_3\text{Al}$ phases: A first principles study. Journal of Central South University, 2022, 29, 32-42.	3.0	0