

# Xiao-long Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1455794/publications.pdf>

Version: 2024-02-01

12  
papers

56  
citations

2258059

3  
h-index

1720034

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

42  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of thermal and mechanical properties of $\text{Pt}_3\text{Al}$ and $\text{Ni}_3\text{Al}$ phases: A first principles study. Journal of Central South University, 2022, 29, 32-42.	3.0	0
2	Effect of CuO and SnO <sub>2</sub> particle size on hot extrusion deformation of AgCuOSnO <sub>2</sub> : Finite element simulation and experimental study. Journal of Central South University, 2021, 28, 633-647.	3.0	2
3	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
4	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
5	First principles calculations of electrical and optical properties of Cu <sub>3</sub> N/MoS <sub>2</sub> heterostructure with tunable bandgaps. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
6	Characterization/mechanical behavior of AgCuOSnO <sub>2</sub> composites: Experimental and finite element study. Polymer Composites, 2021, 42, 5721-5730.	4.6	4
7	Tunable bandgap and vacancy defects in GaSe/SnSe van der Waals heterostructure. Journal of Materials Research, 2021, 36, 4927-4937.	2.6	3
8	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
9	DFT study on structural, electronic, and optical properties of cubic and monoclinic CuO. Journal of Computational Electronics, 2018, 17, 21-28.	2.5	29
10	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
11	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
12	Structural, electrical and optical properties of $\text{InGaZnO}_4$ and $\text{In}_2\text{Sn}_3\text{O}_8$ . Journal of Computational Electronics, 2017, 16, 280-286.	2.5	1