

Jingzhao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,888
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

3185
citing authors

#	ARTICLE	IF	CITATIONS
1	A brief review of formation energies calculation of surfaces and edges in semiconductors. Journal of Semiconductors, 2020, 41, 061101.	3.7	10
2	Long-range magnetic order stabilized by acceptors. Physical Review B, 2019, 99, .	3.2	3
3	Towards understanding the special stability of $\text{SrCoO}_{2.5}$ and $\text{HSrCoO}_{2.5}$. Physical Review Materials, 2019, 3, .	2.4	8
4	Defect properties of Na and K in $\text{Cu}_2\text{ZnSnS}_4$ from hybrid functional calculation. Journal of Applied Physics, 2018, 124, 165701.	2.5	14
5	Gate-tunable room-temperature ferromagnetism in two-dimensional Fe_3GeTe_2 . Nature, 2018, 563, 94-99.	27.8	1,646
6	Stepping Stone Mechanism: Carrier-Free Long-Range Magnetism Mediated by Magnetized Cation States in Quintuple Layer. Chinese Physics Letters, 2018, 35, 017502.	3.3	6
7	Missing links towards understanding the equilibrium shapes of hexagonal boron nitride: algorithm, hydrogen passivation, and temperature effects. Nanoscale, 2018, 10, 17683-17690.	5.6	12
8	Hydrogen-surfactant-assisted coherent growth of GaN on ZnO substrate. Physical Review Materials, 2018, 2, .	2.4	14
9	Stability of wurtzite semipolar surfaces: Algorithms and practices. Physical Review Materials, 2018, 2, .	2.4	10
10	A brief review of co-doping. Frontiers of Physics, 2016, 11, 1.	5.0	98
11	New approaches for calculating absolute surface energies of wurtzite $(0001)/(0001\bar{A})$: A study of ZnO and GaN. Journal of Applied Physics, 2016, 119, .	2.5	39
12	Pseudo-Hydrogen Passivation: A Novel Way to Calculate Absolute Surface Energy of Zinc Blende $(111)/(\bar{1}\bar{1}1)$. Journal of Applied Physics, 2016, 119, .	3.3	28