

Yanyan Zhu

List of Publications by Year in descending order

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22
papers

428
citations

933447

10
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional graphene encapsulated hollow CoSe ₂ -SnSe ₂ nanoboxes for high performance asymmetric supercapacitors. <i>Nanotechnology</i> , 2022, 33, 165602.	2.6	3
2	CoSe ₂ nanodots confined in multidimensional porous nanoarchitecture towards efficient sodium ion storage. <i>Nano Energy</i> , 2022, 98, 107326.	16.0	46
3	Rational design of novel ultra-small amorphous Fe ₂ O ₃ nanodots/graphene heterostructures for all-solid-state asymmetric supercapacitors. <i>Nano Research</i> , 2021, 14, 953-960.	10.4	51
4	Temperature-driven phase transition and transition dipole moment of two-dimensional (BA) ₂ CsPb ₂ Br ₇ perovskite. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16341-16348.	2.8	5
5	Molecular Dynamics Simulations Reveal the Modulated Mechanism of STING Conformation. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 751-765.	3.6	3
6	Boosted Structural Stability and Interfacial Charge Transfer in C _m /O _n /Cl _k /[FA,MA]Pb _{1+y} I _{3-x} Heterostructures. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18866-18876.	4.5	3
7	Interactive Mechanism of Potential Inhibitors with Glycosyl for SARS-CoV-2 by Molecular Dynamics Simulation. <i>Processes</i> , 2021, 9, 1749.	2.8	0
8	Dynamic Properties of Vortex States in Mesoscopic Superconducting Strips with a Temporally Periodic Pinning Landscape. <i>Journal of Low Temperature Physics</i> , 2020, 198, 90-99.	1.4	3
9	Improvement of CsPbBr ₃ photodetector performance by tuning the morphology with PMMA additive. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153344.	5.5	31
10	Electronic-Grade High-Quality Perovskite Single Crystals by a Steady Self-Supply Solution Growth for High-Performance X-ray Detectors. <i>Advanced Materials</i> , 2020, 32, e2001540.	21.0	71
11	Spatially confined synthesis of a flexible and hierarchically porous three-dimensional graphene/FeP hollow nanosphere composite anode for highly efficient and ultrastable potassium ion storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3369-3378.	10.3	58
12	Approaching the Theoretical Light Yield Limit in CsI (Tl) Scintillator Single Crystals by a Low-Temperature Solution Method. <i>Crystal Growth and Design</i> , 2020, 20, 3474-3481.	3.0	17
13	Porous multishelled NiO hollow microspheres encapsulated within three-dimensional graphene as flexible free-standing electrodes for high-performance supercapacitors. <i>Nanoscale</i> , 2019, 11, 16071-16079.	5.6	26
14	Magnetic-Field-Induced Vortices and Antivortices in a Mesoscopic Ferromagnet/Insulator/Superconductor Strip. <i>Journal of Low Temperature Physics</i> , 2019, 197, 402-411.	1.4	1
15	Radio Frequency Magnetron Sputtering of GdBa ₂ Cu ₃ O _{7-x} / La _{0.67} Sr _{0.33} MnO ₃ Quasi-bilayer Films on SrTiO ₃ (STO) Single-crystal Substrates. <i>Journal of Visualized Experiments</i> , 2019, ...	0.3	0
16	In situ deposition of black δ -FAPbI ₃ films by vacuum flash evaporation for solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8381-8389.	2.2	6
17	Exploring the Mechanism of Inhibition of Au Nanoparticles on the Aggregation of Amyloid- β (16-22) Peptides at the Atom Level by All-Atom Molecular Dynamics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1815.	4.1	35
18	Finite Element Treatment of Vortex States in 3D Mesoscopic Cylindrical Superconductors in a Tilted Magnetic Field. <i>Acta Physica Polonica A</i> , 2018, 133, 152-156.	0.5	0

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19	Electrospun Perovskite Nanofibers. <i>Nanoscale Research Letters</i> , 2017, 12, 114.	5.7	15
20	Carbon nanotube prevents the secondary structure formation of amyloid- β^2 trimers: an all-atom molecular dynamics study. <i>Molecular Simulation</i> , 2017, 43, 1189-1195.	2.0	10
21	Weak exchange effect and large refrigerant capacity in a bulk metallic glass Gd _{0.32} Tb _{0.26} Co _{0.20} Al _{0.22} . <i>Applied Physics Letters</i> , 2009, 94, 112507.	3.3	44
22	Multiferroic Double-layer BiFeO ₃ -CoFe ₂ O ₄ Composite Films Prepared by Pulsed-Laser Deposition. <i>Applications of Ferroelectrics</i> , IEEE International Symposium on, 2007, , .	0.0	0