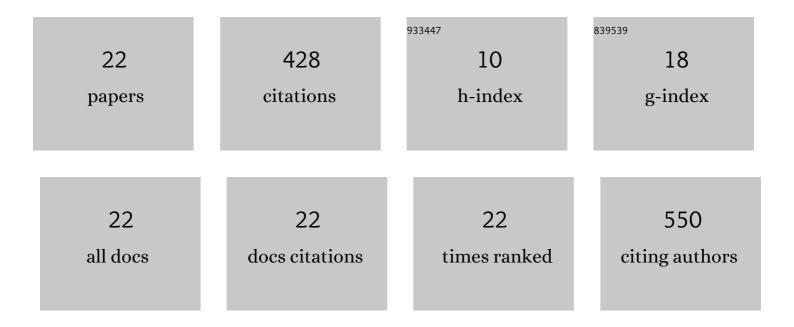
Yanyan Zhu

List of Publications by Year in descending order

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Υληγλη Ζητι

#	Article	IF	CITATIONS
1	Three-dimensional graphene encapsulated hollow CoSe ₂ -SnSe ₂ nanoboxes for high performance asymmetric supercapacitors. Nanotechnology, 2022, 33, 165602.	2.6	3
2	CoSe2 nanodots confined in multidimensional porous nanoarchitecture towards efficient sodium ion storage. Nano Energy, 2022, 98, 107326.	16.0	46
3	Rational design of novel ultra-small amorphous Fe2O3 nanodots/graphene heterostructures for all-solid-state asymmetric supercapacitors. Nano Research, 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. Physical Chemistry Chemical Physics, 2021, 23, 16341-16348.	2.8	5
5	Molecular Dynamics Simulations Reveal the Modulated Mechanism of STING Conformation. Interdisciplinary Sciences, Computational Life Sciences, 2021, 13, 751-765.	3.6	3
6	Boosted Structural Stability and Interfacial Charge Transfer in C <i>_m</i> O <i>_n</i> Cl <i>_k</i> /[FA,MA]Pb _{1+<i>y</i>} l _{3 Heterostructures. Journal of Physical Chemistry C, 2021, 125, 18866-18876.}	}< \$s ⊔b>	3
7	Interactive Mechanism of Potential Inhibitors with Glycosyl for SARS-CoV-2 by Molecular Dynamics Simulation. Processes, 2021, 9, 1749.	2.8	0
8	Dynamic Properties of Vortex States in Mesoscopic Superconducting Strips with a Temporally Periodic Pinning Landscape. Journal of Low Temperature Physics, 2020, 198, 90-99.	1.4	3
9	Improvement of CsPbBr3 photodetector performance by tuning the morphology with PMMA additive. Journal of Alloys and Compounds, 2020, 821, 153344.	5.5	31
10	Electronicâ€Grade Highâ€Quality Perovskite Single Crystals by a Steady Selfâ€Supply Solution Growth for Highâ€Performance Xâ€ray Detectors. Advanced Materials, 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. Journal of Materials Chemistry A, 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. Crystal Growth and Design, 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. Nanoscale, 2019, 11, 16071-16079.	5.6	26
14	Magnetic-Field-Induced Vortices and Antivortices in a Mesoscopic Ferromagnet/Insulator/Superconductor Strip. Journal of Low Temperature Physics, 2019, 197, 402-411.	1.4	1
15	Radio Frequency Magnetron Sputtering of GdBa ₂ Cu ₃ O ₇ _− _δ / La _{0.67} Sr _{0.33} MnO ₃ Quasi-bilayer Films on SrTiO ₃ (STO) Single-crystal Substrates. Journal of Visualized Experiments. 2019	0.3	0
16	In situ deposition of black α-FAPbI3 films by vacuum flash evaporation for solar cells. Journal of Materials Science: Materials in Electronics, 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. International Journal of Molecular Sciences, 2018, 19, 1815.	4.1	35
18	Finite Element Treatment of Vortex States in 3D Mesoscopic Cylindrical Superconductors in a Tilted Magnetic Field. Acta Physica Polonica A, 2018, 133, 152-156.	0.5	0

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19	Electrospun Perovskite Nanofibers. Nanoscale Research Letters, 2017, 12, 114.	5.7	15
20	Carbon nanotube prevents the secondary structure formation of amyloid-β trimers: an all-atom molecular dynamics study. Molecular Simulation, 2017, 43, 1189-1195.	2.0	10
21	Weak exchange effect and large refrigerant capacity in a bulk metallic glass Gd0.32Tb0.26Co0.20Al0.22. Applied Physics Letters, 2009, 94, 112507.	3.3	44
22	Multiferroic Double-layer BiFeO <inf>3</inf> -CoFe <inf>2</inf> O <inf>4</inf> Composite Films Prepared by Pulsed-Laser Deposition. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0