

# Xiaobin Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7271632/publications.pdf>

Version: 2024-02-01

18  
papers

669  
citations

933264

10  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tandem catalysis with double-shelled hollow spheres. <i>Nature Materials</i> , 2022, 21, 572-579.	13.3	65
2	Single-step coating of mesoporous SiO <sub>2</sub> onto nanoparticles: growth of yolk-shell structures from core-shell structures. <i>Nanoscale</i> , 2021, 13, 10925-10932.	2.8	7
3	Symmetric and asymmetric epitaxial growth of metals (Ag, Pd, and Pt) onto Au nanotriangles: effects of reductants and plasmonic properties. <i>Nanoscale</i> , 2021, 13, 2902-2913.	2.8	10
4	Smectic Liquid Crystalline Titanium Dioxide Nanorods: Reducing Attractions by Optimizing Ligand Density. <i>Advanced Functional Materials</i> , 2020, 30, 2005491.	7.8	9
5	Quantitative 3D Characterization of Elemental Diffusion Dynamics in Individual Ag@Au Nanoparticles with Different Shapes. <i>ACS Nano</i> , 2019, 13, 13421-13429.	7.3	37
6	Thermal enhancement and quenching of upconversion emission in nanocrystals. <i>Nanoscale</i> , 2019, 11, 12188-12197.	2.8	72
7	Toward heterostructured transition metal hybrids with highly promoted electrochemical hydrogen evolution. <i>RSC Advances</i> , 2019, 9, 19924-19929.	1.7	4
8	Bio-Inspired Growth of Silver Nanoparticles on 2D Material's Scaffolds as Heterostructures with Their Enhanced Antibacterial Property. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3893-3900.	0.9	8
9	Germanium Quantum Dot Grätzel-Type Solar Cell. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800570.	0.8	5
10	Size-Dependent Band-Gap and Molar Absorption Coefficients of Colloidal CuInS <sub>2</sub> Quantum Dots. <i>ACS Nano</i> , 2018, 12, 8350-8361.	7.3	122
11	Efficient and Stable Luminescence from Mn <sup>2+</sup> in Core and Core-Isocrystalline Shell CsPbCl <sub>3</sub> Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 4265-4272.	3.2	154
12	Toward hybrid Au nanorods @ M (Au, Ag, Pd and Pt) core-shell heterostructures for ultrasensitive SERS probes. <i>Nanotechnology</i> , 2017, 28, 245602.	1.3	9
13	Toward edges-rich MoS <sub>2</sub> layers via chemical liquid exfoliation triggering distinctive magnetism. <i>Materials Research Letters</i> , 2017, 5, 267-275.	4.1	19
14	Synthesis of surfactant-free Cu-Pt dendritic heterostructures with highly electrocatalytic performance for methanol oxidation reaction. <i>Materials Research Letters</i> , 2016, 4, 212-218.	4.1	8
15	Site-Selective Trimetallic Heterogeneous Nanostructures for Enhanced Electrocatalytic Performance. <i>Advanced Materials</i> , 2015, 27, 5573-5577.	11.1	50
16	Large-Scale Synthesis of Palladium Concave Nanocubes with High-Index Facets for Sustainable Enhanced Catalytic Performance. <i>Scientific Reports</i> , 2015, 5, 8515.	1.6	51
17	Enhanced Performance of Lithium-Ion Batteries with Copper Oxide Microspheres @ Graphene Oxide Micro/Nanocomposite Electrodes. <i>Energy Technology</i> , 2015, 3, 488-495.	1.8	17
18	Iron oxide nanoparticle layer templated by polydopamine spheres: a novel scaffold toward hollow-mesoporous magnetic nanoreactors. <i>Nanoscale</i> , 2015, 7, 806-813.	2.8	22