

Xue Wang

List of Publications by Year in descending order

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28
papers

1,701
citations

516710

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501196

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docs citations

28
times ranked

3447
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Solid-State Supercapacitors Based on Carbon Nanoparticles/MnO ₂ Nanorods Hybrid Structure. ACS Nano, 2012, 6, 656-661.	14.6	961
2	Ultrathin In ₂ O ₃ Nanosheets with Uniform Mesopores for Highly Sensitive Nitric Oxide Detection. ACS Applied Materials & Interfaces, 2017, 9, 16335-16342.	8.0	108
3	An organosilane-directed growth-induced etching strategy for preparing hollow/yolk-shell mesoporous organosilica nanospheres with perpendicular mesochannels and amphiphilic frameworks. Journal of Materials Chemistry A, 2014, 2, 12403-12412.	10.3	75
4	A versatile cooperative template-directed coating method to synthesize hollow and yolk-shell mesoporous zirconium titanium oxide nanospheres as catalytic reactors. Nano Research, 2014, 7, 246-262.	10.4	71
5	Hydrophobic networked PbO ₂ electrode for electrochemical oxidation of paracetamol drug and degradation mechanism kinetics. Chemosphere, 2018, 193, 89-99.	8.2	70
6	Facile Fabricating Hierarchically Porous Metal-Organic Frameworks via a Template-Free Strategy. Crystal Growth and Design, 2016, 16, 504-510.	3.0	52
7	Ordered mesoporous MnO ₂ as a synergetic adsorbent for effective arsenic(III) removal. Journal of Materials Chemistry A, 2014, 2, 2374.	10.3	50
8	A controllable asymmetrical/symmetrical coating strategy for architectural mesoporous organosilica nanostructures. Nanoscale, 2016, 8, 13581-13588.	5.6	36
9	A hydrophobic three-dimensionally networked boron-doped diamond electrode towards electrochemical oxidation. Chemical Communications, 2016, 52, 8026-8029.	4.1	31
10	Synthesis of hierarchical hollow sodium titanate microspheres and their application for selective removal of organic dyes. Journal of Colloid and Interface Science, 2018, 528, 109-115.	9.4	24
11	Synthesis of Janus Mesoporous Silica Nanostructures with Organic-Inorganic Hybrid Components through a Sprout-Like Growth Method. ChemNanoMat, 2015, 1, 562-566.	2.8	23
12	Mesostructured TiO ₂ Gated Periodic Mesoporous Organosilica-Based Nanotablets for Multistimuli-responsive Drug Release. Small, 2015, 11, 5907-5911.	10.0	22
13	A chelation-induced cooperative self-assembly methodology for the synthesis of mesoporous metal hydroxide and oxide nanospheres. Nanoscale, 2018, 10, 5731-5737.	5.6	21
14	Megranate-like nanoreactor with multiple cores and an acidic mesoporous shell for a cascade reaction. Nanoscale, 2015, 7, 3719-3725.	5.6	19
15	Architecture of yolk-shell structured mesoporous silica nanospheres for catalytic applications. Dalton Transactions, 2018, 47, 9072-9078.	3.3	19
16	Ligand-Assisted Coordinative Self-Assembly Method to Synthesize Mesoporous Zn _x Cd _{1-x} S Nanospheres with Nano-Twin-Induced Phase Junction for Enhanced Photocatalytic H ₂ Evolution. Inorganic Chemistry, 2020, 59, 5063-5071.	4.0	19
17	Enhanced electrochemical supercapacitor performance with a three-dimensional porous boron-doped diamond film. New Journal of Chemistry, 2019, 43, 18813-18822.	2.8	16
18	Improving the properties of Î ² -galactosidase from Aspergillus oryzae via encapsulation in aggregated silica nanoparticles. New Journal of Chemistry, 2013, 37, 3793.	2.8	14

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19	UV-assisted, template-free synthesis of ultrathin nanosheet-assembled hollow indium oxide microstructures for effective gaseous formaldehyde detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 559-567.	7.8	14
20	Ti(IV) oxalate complex-derived hierarchical hollow TiO_2 materials with dye degradation properties in water. <i>Dalton Transactions</i> , 2016, 45, 265-270.	3.3	11
21	Transformation from single-mesoporous to dual-mesoporous organosilica nanoparticles. <i>Nanoscale</i> , 2017, 9, 6362-6369.	5.6	11
22	Core-shell structured hierarchically porous NiO microspheres with enhanced electrocatalytic activity for oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1199-1206.	6.0	10
23	Self-sacrificed construction of defect-rich ZnO@ZIF-8 nanocomposites with enhanced photocurrent properties. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1046-1053.	6.0	6
24	Ru(bpy) $_2$ (phen-5-NH $_2$) $_2^{2+}$ doped ultrabright and photostable fluorescent silica nanoparticles. <i>RSC Advances</i> , 2016, 6, 51591-51597.	3.6	5
25	Photochromic and photothermal hydrogels derived from natural amino acids and heteropoly acids. <i>Soft Matter</i> , 2021, 17, 10140-10148.	2.7	5
26	Redox and conductive underwater adhesive: an innovative electrode material for convenient construction of flexible and stretchable supercapacitors. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7207-7217.	10.3	4
27	The performance of mesoporous organosilicas with phenyl groups in Heme protein immobilization. <i>New Journal of Chemistry</i> , 2015, 39, 739-745.	2.8	2
28	A Topotactic Synthetic Methodology for the Synthesis of Nanosized MFI Zeolites with Hierarchical Structures. <i>Chemistry - A European Journal</i> , 2018, 24, 12600-12606.	3.3	2