Chunyu Zhou

List of Publications by Year
in descending order

22	663	840776 11	713466 21
papers	citations	h-index	g-index

22	22	22	894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and characterization of 13X zeolite from low-grade natural kaolin. Advanced Powder Technology, 2014, 25, 495-499.	4.1	108
2	Activatable NIRâ€Ⅱ Plasmonic Nanotheranostics for Efficient Photoacoustic Imaging and Photothermal Cancer Therapy. Advanced Materials, 2021, 33, e2006532.	21.0	108
3	Preparation, characterization and adsorption evaluation of spherical mesoporous Al-MCM-41 from coal fly ash. Journal of the Taiwan Institute of Chemical Engineers, 2015, 52, 147-157.	5.3	84
4	Photolytic degradation elevated the toxicity of polylactic acid microplastics to developing zebrafish by triggering mitochondrial dysfunction and apoptosis. Journal of Hazardous Materials, 2021, 413, 125321.	12.4	80
5	Detoxification and immobilization of chromite ore processing residue with metakaolin-based geopolymer. Journal of Environmental Chemical Engineering, 2014, 2, 304-309.	6.7	56
6	Characteristics and evaluation of synthetic 13X zeolite from Yunnanâ€™s natural halloysite. Journal of Porous Materials, 2013, 20, 587-594.	2.6	47
7	Synthesis and characterization of ordered mesoporous aluminosilicate molecular sieve from natural halloysite. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1073-1079.	5.3	27
8	Synthesis Of PEG-Coated, Ultrasmall, Manganese-Doped Iron Oxide Nanoparticles With High Relaxivity For T₁/T₂ Dual-Contrast Magnetic Resonance Imaging . International Journal of Nanomedicine, 2019, Volume 14, 8499-8507.	6.7	26
9	MCM-41-supported Fe(Mn)/Cu bimetallic heterogeneous catalysis for enhanced and recyclable photo-Fenton degradation of methylene blue. Research on Chemical Intermediates, 2020, 46, 459-474.	2.7	22
10	Rapid synthesis of morphology-controlled mesoporous silica nanoparticles from silica fume. Journal of the Taiwan Institute of Chemical Engineers, 2016, 62, 307-312.	5.3	19
11	Effect of rice hulls additions and calcination conditions on the whiteness of kaolin. Ceramics International, 2014, 40, 11751-11758.	4.8	13
12	Modes of occurrence of Fe in kaolin from Yunnan China. Ceramics International, 2014, 40, 14579-14587.	4.8	11
13	Ligand exchange on noble metal nanocrystals assisted by coating and etching of cuprous oxide. Materials Chemistry Frontiers, 2020, 4, 1614-1622.	5.9	11
14	The preparation of a cross-linked cerium (III)-loaded alginate bead adsorbent for the removal of phosphate from wastewater. Desalination and Water Treatment, 2016, 57, 18354-18365.	1.0	9
15	Synergistic Theranostics of Magnetic Resonance Imaging and Photothermal Therapy of Breast Cancer Based on the Janus Nanostructures Fe3O4-Aushell-PEG. International Journal of Nanomedicine, 2021, Volume 16, 6383-6394.	6.7	9
16	Fluorine-mediated synthesis of anisotropic iron oxide nanostructures for efficient T₂-weighted magnetic resonance imaging. Nanoscale, 2021, 13, 7638-7647.	5.6	9
17	Producing a synthetic zeolite from secondary coal fly ash. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	8
18	Targeting visualization of malignant tumor based on the alteration of DWI signal generated by hTERT promoterâ€“driven AQP1 overexpression. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2310-2322.	6.4	8

#	Article	IF	Citations
19	Metabolic Conversion and Removal of Manganese Ferrite Nanoparticles in RAW264.7 Cells and Induced Alteration of Metal Transporter Gene Expression. International Journal of Nanomedicine, 2021, Volume 16, 1709-1724.	6.7	5
20	pH-Driven Reversible Assembly and Disassembly of Colloidal Gold Nanoparticles. Frontiers in Chemistry, 2021, 9, 675491.	3.6	2
21	Effect of surface engineering on ethylamine-mediated plasmonic gold nanoparticle assembly. Materials Chemistry Frontiers, 2021, 5, 7323-7332.	5.9	1
22	Mercury (80Hg). World Scientific Series in Nanoscience and Nanotechnology, 2019, , 835-845.	0.1	0