

Xingmao Jiang

List of Publications by Year in descending order

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31
papers

643
citations

759233

12
h-index

580821

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31
all docs

31
docs citations

31
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol-Assisted Self-Assembly of Single-Crystal Core/Nanoporous Shell Particles as Model Controlled Release Capsules. <i>Journal of the American Chemical Society</i> , 2006, 128, 4512-4513.	13.7	115
2	Surface Engineering of CoMoS Nanosulfide for Hydrodeoxygenation of Lignin-Derived Phenols to Arenes. <i>ACS Catalysis</i> , 2019, 9, 259-268.	11.2	90
3	The Recent Advances of Magnetic Nanoparticles in Medicine. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.	2.7	74
4	Aerosol fabrication of hollow mesoporous silica nanoparticles and encapsulation of l-methionine as a candidate drug cargo. <i>Chemical Communications</i> , 2010, 46, 3019.	4.1	66
5	Selective hydrodeoxygenation of lignin phenols to alcohols in the aqueous phase over a hierarchical Nb ₂ O ₅ -supported Ni catalyst. <i>Green Chemistry</i> , 2020, 22, 1662-1670.	9.0	51
6	The Recent Advances on Liver Cancer Stem Cells: Biomarkers, Separation, and Therapy. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-9.	1.4	40
7	Fabrication of 3D Porous Hierarchical NiMoS Flowerlike Architectures for Hydrodesulfurization Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 442-454.	5.0	29
8	Numerical Simulation of Ethanol-Water-NaCl Droplet Evaporation. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 5631-5643.	3.7	20
9	Extractive Desulfurization and Denitrogenation from Fuel Oil by a Polyether-Amine-Based Solvent. <i>Energy & Fuels</i> , 2020, 34, 8186-8194.	5.1	17
10	Tailoring the morphology of Co-doped MoS ₂ for enhanced hydrodeoxygenation performance of p-cresol. <i>CrystEngComm</i> , 2018, 20, 4069-4074.	2.6	15
11	One-Spot Facile Synthesis of Single-Crystal LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ Cathode Materials for Li-ion Batteries. <i>ACS Omega</i> , 2020, 5, 30356-30362.	3.5	15
12	Poly(ethylene glycol) Diacid-Based Deep Eutectic Solvent with Excellent Denitrogenation Performance and Distinctive Extractive Behavior. <i>Energy & Fuels</i> , 2019, 33, 10380-10388.	5.1	14
13	Red Phosphorus/Onion-Like Mesoporous Carbon Composite as High-Performance Anode for Sodium-Ion Battery. <i>ChemElectroChem</i> , 2019, 6, 5721-5727.	3.4	13
14	High Catalytic Performance of Mn-Doped Ce-Zr Catalysts for Chlorobenzene Elimination. <i>Nanomaterials</i> , 2019, 9, 675.	4.1	13
15	A combination hepatoma-targeted therapy based on nanotechnology: pHRE-Egr1-HSV-TK/131I-antiAFPmAb-GCV/MFH. <i>Scientific Reports</i> , 2016, 6, 33524.	3.3	12
16	Controlled Synthesis of Mesoporous Nitrogen-Doped Carbon Supported Ni-Mo Sulfides for Hydrodesulfurization of Dibenzothiophene. <i>Catalysis Letters</i> , 2017, 147, 2515-2522.	2.6	12
17	Mo ₂ C Promoted Pd Nanoparticles on Hierarchical Porous Carbon for Enhanced Selective Hydrogenation of Nitroarenes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20298-20306.	3.7	9
18	Mesoporous Silica SBA-15 Supported Pt-Ga Nanoalloys as an Active and Stable Catalyst for Propane Dehydrogenation. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 7799-7809.	3.7	9

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19	Biological Characteristics and Carrier Functions of Pegylated Manganese Zinc Ferrite Nanoparticles. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	2.7	8
20	Thermal behavior of crosslinking polystyrene resin to carbon material by one-step carbonization. <i>Journal of Porous Materials</i> , 2020, 27, 249-261.	2.6	6
21	Nanostructured Aerosol Particles: Fabrication, Pulmonary Drug Delivery, and Controlled Release. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-2.	2.7	3
22	Size-Controllable Synthesis of NiMoS Nanoflowers for Hydrodesulfurization – Space-Confinement Effect of Silica Nanospheres. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1988-1992.	2.0	2
23	Hydrolytic cleavage of lignin derived C-O bonds by acid/base catalysis in water. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 371-382.	1.7	2
24	Aerosol method assisted fabrication Ag@SiO ₂ and efficient catalytic activity for reduction of 4-nitrophenol. <i>Micro and Nano Letters</i> , 2017, 12, 684-688.	1.3	2
25	Two-dimensional mesoporous B, N co-doped carbon nanosheets decorated with TiN nanostructures for enhanced performance lithium-sulfur batteries. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	2
26	Photoresponsive Release from Azobenzene-Modified Single Cubic Crystal NaCl/Silica Particles. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	2.7	1
27	The Possible Mechanisms of HSV-TK/Hyperthermia Combined with 131I-antiAFPmAb-GCV Nanospheres to Treat Hepatoma. <i>Analytical Cellular Pathology</i> , 2018, 2018, 1-15.	1.4	1
28	A Combination Therapy of pHRE-Egr1-HSV-TK/Anti-CD133mAb-131I/MFH Mediated by FePt Nanoparticles for Liver Cancer Stem Cells. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-15.	2.7	1
29	Azeotropic Distillation-Induced Self-Assembly of Mesostructured Spherical Nanoparticles as Drug Cargos for Controlled Release of Curcumin. <i>Pharmaceuticals</i> , 2022, 15, 275.	3.8	1
30	Self-assembled 3D architectures of blade-shaped hierarchical hollow microspheres from cristobalite nanosheets with exposed (101) facets. <i>CrystEngComm</i> , 2017, 19, 4700-4703.	2.6	0
31	Corrigendum to “Biological Characteristics and Carrier Functions of Pegylated Manganese Zinc Ferrite Nanoparticles”. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-1.	2.7	0