

# Xingmao Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

643  
citations

759233

12  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

987  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Azeotropic Distillation-Induced Self-Assembly of Mesoporous Spherical Nanoparticles as Drug Carriers for Controlled Release of Curcumin. <i>Pharmaceuticals</i> , 2022, 15, 275.   | 3.8  | 1         |
| 2  | Mesoporous Silica SBA-15 Supported Pt-Ga Nanoalloys as an Active and Stable Catalyst for Propane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 7799-7809.                            | 3.7  | 9         |
| 3  | 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         |
| 4  | 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         |
| 5  | 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         |
| 6  | A Combination Therapy of pHRE-Egr1-HSV-TK/Anti-CD133McAb-131I/MFH Mediated by FePt Nanoparticles for Liver Cancer Stem Cells. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-15.  | 2.7  | 1         |
| 7  | One-Spot Facile Synthesis of Single-Crystal $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ Cathode Materials for Li-ion Batteries. <i>ACS Omega</i> , 2020, 5, 30356-30362.                                   | 3.5  | 15        |
| 8  | $\text{Mo}_2\text{C}$ Promoted Pd Nanoparticles on Hierarchical Porous Carbon for Enhanced Selective Hydrogenation of Nitroarenes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 20298-20306.         | 3.7  | 9         |
| 9  | Extractive Desulfurization and Denitrogenation from Fuel Oil by a Polyether-Amine-Based Solvent. <i>Energy &amp; Fuels</i> , 2020, 34, 8186-8194.  | 5.1  | 17        |
| 10 | Selective hydrodeoxygenation of lignin phenols to alcohols in the aqueous phase over a hierarchical $\text{Nb}_2\text{O}_5$ -supported Ni catalyst. <i>Green Chemistry</i> , 2020, 22, 1662-1670.                          | 9.0  | 51        |
| 11 | 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         |
| 12 | 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        |
| 13 | Poly(ethylene glycol) Diacid-Based Deep Eutectic Solvent with Excellent Denitrogenation Performance and Distinctive Extractive Behavior. <i>Energy &amp; Fuels</i> , 2019, 33, 10380-10388.                                | 5.1  | 14        |
| 14 | High Catalytic Performance of Mn-Doped Ce-Zr Catalysts for Chlorobenzene Elimination. <i>Nanomaterials</i> , 2019, 9, 675.   | 4.1  | 13        |
| 15 | Biological Characteristics and Carrier Functions of Pegylated Manganese Zinc Ferrite Nanoparticles. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.  | 2.7  | 8         |
| 16 | Surface Engineering of CoMoS Nanosulfide for Hydrodeoxygenation of Lignin-Derived Phenols to Arenes. <i>ACS Catalysis</i> , 2019, 9, 259-268.  | 11.2 | 90        |
| 17 | Fabrication of 3D Porous Hierarchical NiMoS Flowerlike Architectures for Hydrodesulfurization Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 442-454.  | 5.0  | 29        |
| 18 | Size-Controlled 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         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | The Recent Advances of Magnetic Nanoparticles in Medicine. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.  | 2.7  | 74        |
| 20 | The Possible Mechanisms of HSV-TK/Hyperthermia Combined with <sup>131</sup> I-antiAFPmAb-GCV Nanospheres to Treat Hepatoma. <i>Analytical Cellular Pathology</i> , 2018, 2018, 1-15.           | 1.4  | 1         |
| 21 | Tailoring the morphology of Co-doped MoS <sub>2</sub> for enhanced hydrodeoxygenation performance of <i>p</i> -cresol. <i>CrystEngComm</i> , 2018, 20, 4069-4074.                              | 2.6  | 15        |
| 22 | 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        |
| 23 | 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         |
| 24 | The Recent Advances on Liver Cancer Stem Cells: Biomarkers, Separation, and Therapy. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-9.   | 1.4  | 40        |
| 25 | Aerosol method assisted fabrication Ag@SiO <sub>2</sub> and efficient catalytic activity for reduction of 4-nitrophenol. <i>Micro and Nano Letters</i> , 2017, 12, 684-688.                    | 1.3  | 2         |
| 26 | A combination hepatoma-targeted therapy based on nanotechnology: pHRE-Egr1-HSV-TK/ <sup>131</sup> I-antiAFPmAb-GCV/MFH. <i>Scientific Reports</i> , 2016, 6, 33524.                            | 3.3  | 12        |
| 27 | Nanostructured Aerosol Particles: Fabrication, Pulmonary Drug Delivery, and Controlled Release. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-2.   | 2.7  | 3         |
| 28 | Photoresponsive Release from Azobenzene-Modified Single Cubic Crystal NaCl/Silica Particles. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.  | 2.7  | 1         |
| 29 | 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        |
| 30 | Numerical Simulation of Ethanol-Water-NaCl Droplet Evaporation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 5631-5643.  | 3.7  | 20        |
| 31 | 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       |