

# Mingxian Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,102  
citations

393982

19  
h-index

395343

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable Fe(III)@WS <sub>2</sub> @PVP Nanocapsules for Redox Reaction and TME-Enhanced Nanocatalytic, Photothermal, and Chemotherapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901722.	7.8	128
2	Preparation of injectable temperature-sensitive chitosan-based hydrogel for combined hyperthermia and chemotherapy of colon cancer. <i>Carbohydrate Polymers</i> , 2019, 222, 115039.	5.1	104
3	Bottom-up synthesis of WS <sub>2</sub> nanosheets with synchronous surface modification for imaging guided tumor regression. <i>Acta Biomaterialia</i> , 2017, 58, 442-454.	4.1	83
4	Outside-in synthesis of mesoporous silica/molybdenum disulfide nanoparticles for antitumor application. <i>Chemical Engineering Journal</i> , 2018, 351, 157-168.	6.6	72
5	Dendritic Mesoporous Silica Nanospheres Synthesized by a Novel Dual-Templating Micelle System for the Preparation of Functional Nanomaterials. <i>Langmuir</i> , 2017, 33, 519-526.	1.6	62
6	Synthesis and biocompatibility of two-dimensional biomaterials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 124004.	2.3	61
7	Design of electrospun nanofibrous mats for osteogenic differentiation of mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2505-2520.	1.7	60
8	Integration of Fe <sub>3</sub> O <sub>4</sub> with Bi <sub>2</sub> S <sub>3</sub> for Multi-Modality Tumor Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 22650-22660.	4.0	54
9	One-pot synthesis of polypyrrole nanoparticles with tunable photothermal conversion and drug loading capacity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 346-355.	2.5	50
10	Highly efficient overall-water splitting enabled via grafting boron-inserted Fe-Ni solid solution nanosheets onto unconventional skeleton. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120188.	10.8	46
11	Ni-Catalyzed Denitrogenative Cross-Coupling of Benzotriazinones and Cyclopropanols: An Easy Access to Functionalized <i>l</i> <sup>2</sup> -Aryl Ketones. <i>Organic Letters</i> , 2020, 22, 5020-5024.	2.4	44
12	Recent Advances in the Synthesis, Surface Modifications and Applications of Core-Shell Magnetic Mesoporous Silica Nanospheres. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1248-1265.	1.7	39
13	Phase-changeable and bubble-releasing implants for highly efficient HIFU-responsive tumor surgery and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7368-7378.	2.9	36
14	Intelligent nanoenzyme for T1-weighted MRI guided theranostic applications. <i>Chemical Engineering Journal</i> , 2020, 391, 123609.	6.6	32
15	Preparation of electrospay ALG/PDA@PVP nanocomposites and their application in cancer therapy. <i>Soft Matter</i> , 2020, 16, 132-141.	1.2	31
16	Preparation of Bi-based hydrogel for multi-modal tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111591.	2.5	26
17	A novel fluorescent sensor based on triphenylamine with AIE properties for the highly sensitive detection of CN <sup>-</sup> . <i>Dyes and Pigments</i> , 2021, 193, 109534.	2.0	26
18	Fe <sub>3</sub> O <sub>4</sub> @Mesoporous-SiO <sub>2</sub> @Chitosan@Polyaniline Core-Shell Nanoparticles as Recyclable Adsorbents and Reductants for Hexavalent Chromium. <i>ACS Applied Nano Materials</i> , 2021, 4, 1831-1840.	2.4	22

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19	Preparation of Poly(lactic acid)-glycolic acid-Based Composite Microfibers for Postoperative Treatment of Tumor in NIR I and NIR II Biowindows. <i>Macromolecular Bioscience</i> , 2018, 18, e1800206.	2.1	20
20	Synthesis, characterization, and luminescence properties of BiVO <sub>4</sub> :Eu <sup>3+</sup> embedded Fe <sub>3</sub> O <sub>4</sub> @mSiO <sub>2</sub> nanoparticles. <i>Journal of Luminescence</i> , 2019, 215, 116677.	1.5	20
21	Magnetic Silica Nanosystems With NIR-Responsive and Redox Reaction Capacity for Drug Delivery and Tumor Therapy. <i>Frontiers in Chemistry</i> , 2020, 8, 567652.	1.8	13
22	Electroless plating-induced morphology self-assembly of free-standing Co <sup>II</sup> -B enabling efficient overall water splitting. <i>Electrochimica Acta</i> , 2020, 354, 136645.	2.6	10
23	Preparation of silica microspheres with a broad pore size distribution and their use as the support for a coated cellulose derivative chiral stationary phase. <i>Journal of Separation Science</i> , 2018, 41, 1232-1239.	1.3	9
24	Synthesis of Cellulose-2,3-bis(3,5-dimethylphenylcarbamate) in an Ionic Liquid and Its Chiral Separation Efficiency as Stationary Phase. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6161-6168.	1.8	7
25	Chiral separations with crosslinked cellulose derivatives attached onto hybrid silica monolith particles via the thiol-ene click reaction. <i>Analytical Methods</i> , 2020, 12, 2727-2734.	1.3	7
26	Facile synthesis of mesoporous copper silicate aggregates for highly selective enrichment of hemoglobin. <i>Microchemical Journal</i> , 2021, 167, 106256.	2.3	7
27	NIR-Responsive Fe <sub>3</sub> O <sub>4</sub> @MSN@PPy@PVP Nanoparticles as the Nano-Enzyme for Potential Tumor Therapy. <i>ChemistrySelect</i> , 2021, 6, 6564-6573.	0.7	5
28	A N-Heterocyclic Carbene-Palladacycle with Constrained Aliphatic Linker: Synthesis, Characterization and Its Catalytic Application towards Suzuki-Miyaura Cross-Coupling. <i>Asian Journal of Organic Chemistry</i> , 0, , .	1.3	5
29	Magnetic mesoporous nanomaterials with AIE properties for selective detection and removal of CN <sup>-</sup> from water under magnetic conditions. <i>Analyst</i> , 2021, 146, 5550-5557.	1.7	4
30	An Alkoxy Modified N-Heterocyclic Carbene-Palladacycle: Synthesis, Characterization and Application towards Buchwald-Hartwig and Suzuki-Miyaura Coupling Reactions. <i>ChemistrySelect</i> , 2021, 6, 10121-10126.	0.7	4
31	Novel Magnetic Mesoporous Micro-nano Particles Immobilized with Palladium Complex: An Efficient and Recyclable Catalyst for Suzuki-Miyaura Cross-Coupling Reaction in Ethanol. <i>ChemistrySelect</i> , 2021, 6, 2894-2900.	0.7	3
32	Hierarchical Core-Shell Fe <sub>3</sub> O <sub>4</sub> @mSiO <sub>2</sub> @Chitosan Nanoparticles for pH-Responsive Drug Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 3020-3027.	0.9	3
33	The Core-Shell Magnetic Mesoporous Microspheres Immobilized NHC-Palladacycles: An Efficient and Recyclable Catalyst for Suzuki-Miyaura Cross-Coupling of Pharmaceutical Synthesis. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	2
34	Preparation of Bonded Cellulose Tris(3,5-dimethylphenylcarbamate) Chiral Stationary Phases by Using Three Bifunctional Reagents. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2623-2628.	1.0	1