

# Mingxia Jiao

## List of Publications by Year in descending order

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22  
papers

990  
citations

567281

15  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchoring Group Effects of Surface Ligands on Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles: Towards High Performance MRI Contrast Agents. <i>Advanced Materials</i> , 2014, 26, 2694-2698.	21.0	194
2	Mixed Self-Assembled Aptamer and Newly Designed Zwitterionic Peptide as Antifouling Biosensing Interface for Electrochemical Detection of alpha-Fetoprotein. <i>ACS Sensors</i> , 2017, 2, 490-494.	7.8	130
3	Recent advancements in biocompatible inorganic nanoparticles towards biomedical applications. <i>Biomaterials Science</i> , 2018, 6, 726-745.	5.4	121
4	Insight into Strain Effects on Band Alignment Shifts, Carrier Localization and Recombination Kinetics in CdTe/CdS Core/Shell Quantum Dots. <i>Journal of the American Chemical Society</i> , 2015, 137, 2073-2084.	13.7	81
5	Aqueous synthesis of PEGylated copper sulfide nanoparticles for photoacoustic imaging of tumors. <i>Nanoscale</i> , 2015, 7, 11075-11081.	5.6	68
6	Flow Synthesis of Biocompatible Fe <sub>3</sub> O <sub>4</sub> Nanoparticles: Insight into the Effects of Residence Time, Fluid Velocity, and Tube Reactor Dimension on Particle Size Distribution. <i>Chemistry of Materials</i> , 2015, 27, 1299-1305.	6.7	64
7	Antifouling and ultrasensitive biosensing interface based on self-assembled peptide and aptamer on macroporous gold for electrochemical detection of immunoglobulin E in serum. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5871-5878.	3.7	46
8	AlOOH Nanomaterials with Regular Shapes: Hydrothermal Fabrication and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> Adsorption. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5258-5264.	2.0	36
9	Poly(3,4-ethylenedioxythiophene) doped with engineered carbon quantum dots for enhanced amperometric detection of nitrite. <i>Mikrochimica Acta</i> , 2018, 185, 249.	5.0	32
10	Bright, Magnetic NIR-II Quantum Dot Probe for Sensitive Dual-Modality Imaging and Intensive Combination Therapy of Cancer. <i>ACS Nano</i> , 2022, 16, 8076-8094.	14.6	31
11	Differently sized magnetic/upconversion luminescent NaGdF <sub>4</sub> :Yb,Er nanocrystals: flow synthesis and solvent effects. <i>Chemical Communications</i> , 2016, 52, 5872-5875.	4.1	28
12	Strongly emitting and long-lived silver indium sulfide quantum dots for bioimaging: Insight into co-ligand effect on enhanced photoluminescence. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 35-42.	9.4	26
13	Biocompatible off-stoichiometric copper indium sulfide quantum dots with tunable near-infrared emission via aqueous based synthesis. <i>Chemical Communications</i> , 2019, 55, 15053-15056.	4.1	24
14	Aqueously synthesized color-tunable quaternary Cu-In-Zn-S quantum dots for Cu(II) detection via mild and rapid cation exchange. <i>Sensors and Actuators B: Chemical</i> , 2019, 294, 32-39.	7.8	23
15	One-step electrodeposition of poly(m-aminobenzoic acid) membrane decorated with peptide for antifouling biosensing of Immunoglobulin E. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110706.	5.0	19
16	Semiconductor Nanocrystals Emitting in the Second Near-Infrared Window: Optical Properties and Application in Biomedical Imaging. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	16
17	The Yin and Yang of coordinating co-solvents in the size-tuning of Fe <sub>3</sub> O <sub>4</sub> nanocrystals through flow synthesis. <i>Nanoscale</i> , 2017, 9, 18609-18612.	5.6	14
18	Molecular mechanisms for delicately tuning the morphology and properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticle clusters. <i>CrystEngComm</i> , 2018, 20, 2421-2429.	2.6	11

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19	Ligand-modulated aqueous synthesis of color-tunable copper nanoclusters for the photoluminescent assay of Hg(II). <i>Mikrochimica Acta</i> , 2020, 187, 545.	5.0	10
20	Continuous Flow Synthesis of Persistent Luminescent Chromium-Doped Zinc Gallate Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7067-7075.	4.6	8
21	Near-infrared emitting Cu <sup>2+</sup> /In <sup>3+</sup> /Se/ZnS core/shell quantum dots: aqueous synthesis and sulfur source effects. <i>Chemical Communications</i> , 2021, 57, 4178-4181.	4.1	5
22	Aqueous synthesis of bright near-infrared-emitting Zn-Cu-In-Se quantum dots for multiplexed detection of tumor markers. <i>Nano Research</i> , 2022, 15, 8351-8359.	10.4	3