

# Mei Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

1,372  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry, Biology, and Medicine of Fluorescent Nanomaterials and Related Systems: New Insights into Biosensing, Bioimaging, Genomics, Diagnostics, and Therapy. <i>Chemical Reviews</i> , 2014, 114, 6130-6178.	47.7	693
2	Chemistry, physics and biology of graphene-based nanomaterials: new horizons for sensing, imaging and medicine. <i>Journal of Materials Chemistry</i> , 2012, 22, 14313.	6.7	116
3	Biochemistry and biomedicine of quantum dots: from biodetection to bioimaging, drug discovery, diagnostics, and therapy. <i>Acta Biomaterialia</i> , 2018, 74, 36-55.	8.3	84
4	Quantum dots: from fluorescence to chemiluminescence, bioluminescence, electrochemiluminescence, and electrochemistry. <i>Nanoscale</i> , 2017, 9, 13364-13383.	5.6	79
5	Recent advances in graphene-based nanomaterials: properties, toxicity and applications in chemistry, biology and medicine. <i>Mikrochimica Acta</i> , 2019, 186, 395.	5.0	65
6	Experimental and theoretical studies of a novel electrochemical sensor based on molecularly imprinted polymer and B, N, F-CQDs/AgNPs for enhanced specific identification and dual signal amplification in highly selective and ultra-trace bisphenol S determination in plastic products. <i>Analytica Chimica Acta</i> , 2019, 1066, 36-48.	5.4	60
7	Upconversion luminescence nanomaterials: A versatile platform for imaging, sensing, and therapy. <i>Talanta</i> , 2020, 208, 120157.	5.5	58
8	Graphene and its derivatives for cell biotechnology. <i>Analyst</i> , The, 2013, 138, 72-86.	3.5	48
9	Enhanced photocatalytic performance of Ag <sub>2</sub> O/BiOF composite photocatalysts originating from efficient interfacial charge separation. <i>Applied Surface Science</i> , 2017, 416, 666-671.	6.1	48
10	Thermosensitive Affinity Behavior of Poly(N-isopropylacrylamide) Hydrogels with $\beta$ -Cyclodextrin Moieties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 1511-1518.	3.7	35
11	Magnified Fluorescent Aptasensors Based on a Gold Nanoparticle-DNA Hybrid and DNase I for the Cycling Detection of Mercury(II) Ions in Aqueous Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 21201-21207.	3.7	24
12	An Electrochemical Sensor for Sensitive Determination of L-cysteine and Its Electrochemical Kinetics on AgNPs/GQDs/GCE Composite Modified Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B551-B558.	2.9	20
13	An Ultrasensitive and Highly Selective Electrochemical Aptasensor for Environmental Endocrine Disrupter Bisphenol A Determination Using Gold Nanoparticles/Nitrogen, Sulfur, and Phosphorus Co-Doped Carbon Dots as Signal Enhancer and Its Electrochemical Kinetic Research. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1161-B1170.	2.9	18
14	Highly fluorescent CdTe nanocrystals: Synthesis, characterization, property, mechanism, and application as a sensor for biomolecule analysis. <i>Journal of Materials Research</i> , 2014, 29, 633-640.	2.6	11
15	Sensitive detection of mercury (II) ion using wave length-tunable visible-emitting gold nanoclusters based on protein-templated synthesis. <i>Journal of Materials Research</i> , 2014, 29, 2416-2424.	2.6	7
16	Fluorescent CdS Quantum Dots: Synthesis, Characterization, Mechanism and Interaction with Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3720-3727.	0.9	6