

# Houjuan Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,637  
citations

279798

23  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , 2018, 18, 586-594.	9.1	294
2	Efficient Ratiometric Fluorescence Probe Based on Dual-Emission Quantum Dots Hybrid for On-Site Determination of Copper Ions. <i>Analytical Chemistry</i> , 2013, 85, 6461-6468.	6.5	262
3	Recent progress in the development of near-infrared organic photothermal and photodynamic nanotherapeutics. <i>Biomaterials Science</i> , 2018, 6, 746-765.	5.4	250
4	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 8998-9009.	14.6	239
5	Oxidative Cleavage-Based Near-Infrared Fluorescent Probe for Hypochlorous Acid Detection and Myeloperoxidase Activity Evaluation. <i>Analytical Chemistry</i> , 2014, 86, 671-677.	6.5	208
6	Visualizing Gaseous Nitrogen Dioxide by Ratiometric Fluorescence of Carbon Nanodots-Quantum Dots Hybrid. <i>Analytical Chemistry</i> , 2015, 87, 2087-2093.	6.5	132
7	Multilayered semiconducting polymer nanoparticles with enhanced NIR fluorescence for molecular imaging in cells, zebrafish and mice. <i>Chemical Science</i> , 2016, 7, 5118-5125.	7.4	113
8	Fluorescent Nanohybrid of Gold Nanoclusters and Quantum Dots for Visual Determination of Lead Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 21461-21467.	8.0	91
9	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. <i>Small</i> , 2017, 13, 1604139.	10.0	83
10	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2017, 27, 1700493.	14.9	82
11	Functionalized MoS <sub>2</sub> -Based Nanomaterials for Cancer Phototherapy and Other Biomedical Applications. , 2021, 3, 462-496.		68
12	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 145-153.	8.2	67
13	Sensitive detection of sulfide based on the self-assembly of fluorescent silver nanoclusters on the surface of silica nanospheres. <i>Talanta</i> , 2017, 174, 387-393.	5.5	61
14	Cobalt Phosphide Double-Shelled Nanocages: Broadband Light-Harvesting Nanostructures for Efficient Photothermal Therapy and Self-Powered Photoelectrochemical Biosensing. <i>Small</i> , 2017, 13, 1700798.	10.0	60
15	Phototherapy with layered materials derived quantum dots. <i>Nanoscale</i> , 2020, 12, 43-57.	5.6	54
16	Self-assembled multilayer of alkyl graphene oxide for highly selective detection of copper(ii) based on anodic stripping voltammetry. <i>Journal of Materials Chemistry</i> , 2012, 22, 22631.	6.7	51
17	A ratiometric fluorescent probe based on the pi-stacked graphene oxide and cyanine dye for sensitive detection of bisulfite. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 823-829.	7.8	50
18	Two-Dimensional Nanomaterials for Photoinduced Antibacterial Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 8188-8210.	4.6	46

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19	Dual-emission of a fluorescent graphene oxideâ€“quantum dot nanohybrid for sensitive and selective visual sensor applications based on ratiometric fluorescence. <i>Nanotechnology</i> , 2012, 23, 315502.	2.6	41
20	Molecularly Engineered Quantum Dots for Visualization of Hydrogen Sulfide. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3547-3553.	8.0	39
21	Manipulating the Surface Chemistry of Quantum Dots for Sensitive Ratiometric Fluorescence Detection of Sulfur Dioxide. <i>Langmuir</i> , 2015, 31, 8667-8671.	3.5	30
22	Selective visual detection of trace trinitrotoluene residues based on dual-color fluorescence of graphene oxideâ€“nanocrystals hybrid probe. <i>Analyst, The</i> , 2014, 139, 2379-2385.	3.5	28
23	Graphene oxide supported gold nanoclusters for the sensitive and selective detection of nitrite ions. <i>Analyst, The</i> , 2015, 140, 1678-1685.	3.5	28
24	Sulfur Defect-Engineered Biodegradable Cobalt Sulfide Quantum Dot-Driven Photothermal and Chemodynamic Anticancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 25183-25196.	8.0	25
25	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. <i>Current Medicinal Chemistry</i> , 2019, 26, 1389-1405.	2.4	24
26	Flexible polymeric patch based nanotherapeutics against non-cancer therapy. <i>Bioactive Materials</i> , 2022, 18, 471-491.	15.6	24
27	Defectâ€“Rich Molybdenum Sulfide Quantum Dots for Amplified Photoluminescence and Photonicsâ€“Driven Reactive Oxygen Species Generation. <i>Advanced Materials</i> , 2022, 34, .	21.0	23
28	Electrodeposition of gold nanoparticle arrays on ITO glass as electrode with high electrocatalytic activity. <i>Materials Research Bulletin</i> , 2013, 48, 1338-1341.	5.2	22
29	Ultras-small Molybdenum Disulfide Quantum Dots Cage Alzheimerâ€™s Amyloid Beta to Restore Membrane Fluidity. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 29936-29948.	8.0	22
30	Highly fluorescent graphene oxide as a facile and novel sensor for the determination of hypochlorous acid. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 667-673.	7.8	21
31	An oxidative cleavage-based ratiometric fluorescent probe for hypochlorous acid detection and imaging. <i>RSC Advances</i> , 2014, 4, 59961-59964.	3.6	20
32	Oxygenic Enrichment in Hybrid Ruthenium Sulfide Nanoclusters for an Optimized Photothermal Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60351-60361.	8.0	19
33	A reversible near-infrared pH probes for optical measurements of pH in complete water system and living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 294-300.	7.8	16
34	Highly photostable and biocompatible graphene oxides with amino acid functionalities. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7126.	5.5	13
35	Polymeric Matrix-Based Nanoplat-forms toward Tumor Therapy and Diagnosis. , 2022, 4, 21-48.		12
36	Sensitive detection of trace hemoglobin using fluorescence method based on functionalized quantum dots. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4989-4991.	3.7	8

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37	Immobilization of Quantum Dots on Fluorescent Graphene Oxide for Ratiometric Fluorescence Detection of Copper Ions. <i>ChemistrySelect</i> , 2017, 2, 5536-5541.	1.5	8
38	Determination of Hypochlorous Acid in Tap Water Using Highly Fluorescent Graphene Oxide. <i>APCBEE Procedia</i> , 2014, 10, 7-11.	0.5	3
39	Fluorescence Imaging: Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species ( <i>Adv. Funct. Mater.</i> 23/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	0