

Houjuan Zhu

List of Publications by Year in descending order

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papers

2,637
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279798

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docs citations

39
times ranked

3988
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric Matrix-Based Nanoplatfoms toward Tumor Therapy and Diagnosis. , 2022, 4, 21-48.		12
2	Flexible polymeric patch based nanotherapeutics against non-cancer therapy. Bioactive Materials, 2022, 18, 471-491.	15.6	24
3	Sulfur Defect-Engineered Biodegradable Cobalt Sulfide Quantum Dot-Driven Photothermal and Chemodynamic Anticancer Therapy. ACS Applied Materials & Interfaces, 2022, 14, 25183-25196.	8.0	25
4	Defect-Rich Molybdenum Sulfide Quantum Dots for Amplified Photoluminescence and Photonics-Driven Reactive Oxygen Species Generation. Advanced Materials, 2022, 34, .	21.0	23
5	Functionalized MoS ₂ -Based Nanomaterials for Cancer Phototherapy and Other Biomedical Applications. , 2021, 3, 462-496.		68
6	Ultrasmlal Molybdenum Disulfide Quantum Dots Cage Alzheimer's Amyloid Beta to Restore Membrane Fluidity. ACS Applied Materials & Interfaces, 2021, 13, 29936-29948.	8.0	22
7	Oxygenic Enrichment in Hybrid Ruthenium Sulfide Nanoclusters for an Optimized Photothermal Effect. ACS Applied Materials & Interfaces, 2021, 13, 60351-60361.	8.0	19
8	Phototherapy with layered materials derived quantum dots. Nanoscale, 2020, 12, 43-57.	5.6	54
9	Two-Dimensional Nanomaterials for Photoinduced Antibacterial Applications. ACS Applied Bio Materials, 2020, 3, 8188-8210.	4.6	46
10	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. Current Medicinal Chemistry, 2019, 26, 1389-1405.	2.4	24
11	Recent progress in the development of near-infrared organic photothermal and photodynamic nanotherapeutics. Biomaterials Science, 2018, 6, 746-765.	5.4	250
12	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. Nano Letters, 2018, 18, 586-594.	9.1	294
13	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. Ultrasonics Sonochemistry, 2017, 38, 145-153.	8.2	67
14	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. Small, 2017, 13, 1604139.	10.0	83
15	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	14.9	82
16	Cobalt Phosphide Double-Shelled Nanocages: Broadband Light-Harvesting Nanostructures for Efficient Photothermal Therapy and Self-Powered Photoelectrochemical Biosensing. Small, 2017, 13, 1700798.	10.0	60
17	Fluorescence Imaging: Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species (Adv. Funct. Mater. 23/2017). Advanced Functional Materials, 2017, 27, .	14.9	0
18	Sensitive detection of sulfide based on the self-assembly of fluorescent silver nanoclusters on the surface of silica nanospheres. Talanta, 2017, 174, 387-393.	5.5	61

#	ARTICLE	IF	CITATIONS
19	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
20	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 8998-9009.	14.6	239
21	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
22	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
23	Visualizing Gaseous Nitrogen Dioxide by Ratiometric Fluorescence of Carbon Nanodotsâ€“Quantum Dots Hybrid. <i>Analytical Chemistry</i> , 2015, 87, 2087-2093.	6.5	132
24	Molecularly Engineered Quantum Dots for Visualization of Hydrogen Sulfide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3547-3553.	8.0	39
25	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
26	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
27	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
28	Determination of Hypochlorous Acid in Tap Water Using Highly Fluorescent Graphene Oxide. <i>APCBEE Procedia</i> , 2014, 10, 7-11.	0.5	3
29	An oxidative cleavage-based ratiometric fluorescent probe for hypochlorous acid detection and imaging. <i>RSC Advances</i> , 2014, 4, 59961-59964.	3.6	20
30	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
31	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
32	Fluorescent Nanohybrid of Gold Nanoclusters and Quantum Dots for Visual Determination of Lead Ions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21461-21467.	8.0	91
33	Highly photostable and biocompatible graphene oxides with amino acid functionalities. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7126.	5.5	13
34	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
35	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
36	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

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37	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
38	Dual-emission of a fluorescent graphene oxideâ€“quantum dot nano hybrid for sensitive and selective visual sensor applications based on ratiometric fluorescence. <i>Nanotechnology</i> , 2012, 23, 315502.	2.6	41
39	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