Xiaoyue Han

List of Publications by Year
in descending order

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20 papers	1,334 citations	471509 17 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1494 citing authors

#	Article	IF	Citations
1	Construction of a biotin-targeting drug delivery system and its near-infrared theranostic fluorescent probe for real-time image-guided therapy of lung cancer. Chinese Chemical Letters, 2022, 33, 1567-1571.	9.0	18
2	The distinct toxicity effects between commercial and realistic polystyrene microplastics on microbiome and histopathology of gut in zebrafish. Journal of Hazardous Materials, 2022, 434, 128874.	12.4	26
3	Fluorescent probes for biomolecule detection under environmental stress. Journal of Hazardous Materials, 2022, 431, 128527.	12.4	40
4	Fluorescent probe for mercury ion imaging analysis: Strategies and applications. Chemical Engineering Journal, 2021, 406, 127166.	12.7	117
5	Bioengineered Gastrointestinal Tissues with Fibroblastâ€Induced Shapes. Advanced Functional Materials, 2021, 31, 2007514.	14.9	5
6	Bioengineered Gastrointestinal Tissue: Bioengineered Gastrointestinal Tissues with Fibroblastâ€Induced Shapes (Adv. Funct. Mater. 6/2021). Advanced Functional Materials, 2021, 31, 2170036.	14.9	0
7	Visualizing and evaluating mitochondrial cysteine via near-infrared fluorescence imaging in cells, tissues and in vivo under hypoxia/reperfusion stress. Journal of Hazardous Materials, 2021, 419, 126476.	12.4	20
8	A high-selectivity fluorescent probe for hypoxia imaging in cells and a tumor-bearing mouse model. Analyst, The, 2020, 145, 1389-1395.	3.5	23
9	Evaluating the Protective Effects of Mitochondrial Glutathione on Cerebral Ischemia/Reperfusion Injury via Near-Infrared Fluorescence Imaging. Analytical Chemistry, 2019, 91, 14728-14736.	6.5	37
10	A highly sensitive near-infrared ratiometric fluorescent probe for imaging of mitochondrial hydrazine in cells and in mice models. Sensors and Actuators B: Chemical, 2019, 286, 69-76.	7.8	59
11	Ratiometric Near-Infrared Fluorescent Probe for Synergistic Detection of Monoamine Oxidase B and Its Contribution to Oxidative Stress in Cell and Mice Aging Models. Analytical Chemistry, 2018, 90, 4054-4061.	6.5	63
12	A near-infrared fluorescent probe for sensitive detection and imaging of sulfane sulfur in living cells and in vivo. Biomaterials Science, 2018, 6, 672-682.	5.4	17
13	A mitochondrial-targeting near-infrared fluorescent probe for bioimaging and evaluating endogenous superoxide anion changes during ischemia/reperfusion injury. Biomaterials, 2018, 156, 134-146.	11.4	99
14	A reversible fluorescent probe based on Cî€N isomerization for the selective detection of formaldehyde in living cells andin vivo. Analyst, The, 2018, 143, 429-439.	3.5	58
15	Polyamine-Targeting Gefitinib Prodrug and its Near-Infrared Fluorescent Theranostic Derivative for Monitoring Drug Delivery and Lung Cancer Therapy. Theranostics, 2018, 8, 2217-2228.	10.0	48
16	Evaluation Selenocysteine Protective Effect in Carbon Disulfide Induced Hepatitis with a Mitochondrial Targeting Ratiometric Near-Infrared Fluorescent Probe. Analytical Chemistry, 2018, 90, 8108-8115.	6.5	37
17	A Ratiometric Nearâ€Infrared Fluorescent Probe for Quantification and Evaluation of Selenocysteineâ€Protective Effects in Acute Inflammation. Advanced Functional Materials, 2017, 27, 1700769.	14.9	76
18	A ratiometric fluorescent probe for imaging and quantifying anti-apoptotic effects of GSH under temperature stress. Chemical Science, 2017, 8, 6991-7002.	7.4	109

#	Article	IF	Citations
19	Quantification of cysteine hydropersulfide with a ratiometric near-infrared fluorescent probe based on seleniumâ€“sulfur exchange reaction. Chemical Science, 2016, 7, 5098-5107.	7.4	101
20	Fluorescent probes for hydrogen sulfide detection and bioimaging. Chemical Communications, 2014, 50, 12234-12249.	4.1	381