

# Xiaoyue Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4265459/publications.pdf>

Version: 2024-02-01

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	Fluorescent probes for hydrogen sulfide detection and bioimaging. <i>Chemical Communications</i> , 2014, 50, 12234-12249.	4.1	381
2	Fluorescent probe for mercury ion imaging analysis: Strategies and applications. <i>Chemical Engineering Journal</i> , 2021, 406, 127166.	12.7	117
3	A ratiometric fluorescent probe for imaging and quantifying anti-apoptotic effects of GSH under temperature stress. <i>Chemical Science</i> , 2017, 8, 6991-7002.	7.4	109
4	Quantification of cysteine hydropersulfide with a ratiometric near-infrared fluorescent probe based on selenium-sulfur exchange reaction. <i>Chemical Science</i> , 2016, 7, 5098-5107.	7.4	101
5	A mitochondrial-targeting near-infrared fluorescent probe for bioimaging and evaluating endogenous superoxide anion changes during ischemia/reperfusion injury. <i>Biomaterials</i> , 2018, 156, 134-146.	11.4	99
6	A Ratiometric Near-Infrared Fluorescent Probe for Quantification and Evaluation of Selenocysteine-Protective Effects in Acute Inflammation. <i>Advanced Functional Materials</i> , 2017, 27, 1700769.	14.9	76
7	Ratiometric Near-Infrared Fluorescent Probe for Synergistic Detection of Monoamine Oxidase B and Its Contribution to Oxidative Stress in Cell and Mice Aging Models. <i>Analytical Chemistry</i> , 2018, 90, 4054-4061.	6.5	63
8	A highly sensitive near-infrared ratiometric fluorescent probe for imaging of mitochondrial hydrazine in cells and in mice models. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 69-76.	7.8	59
9	A reversible fluorescent probe based on C=N isomerization for the selective detection of formaldehyde in living cells and <i>in vivo</i> . <i>Analyst</i> , 2018, 143, 429-439.	3.5	58
10	Polyamine-Targeting Gefitinib Prodrug and its Near-Infrared Fluorescent Theranostic Derivative for Monitoring Drug Delivery and Lung Cancer Therapy. <i>Theranostics</i> , 2018, 8, 2217-2228.	10.0	48
11	Fluorescent probes for biomolecule detection under environmental stress. <i>Journal of Hazardous Materials</i> , 2022, 431, 128527.	12.4	40
12	Evaluation Selenocysteine Protective Effect in Carbon Disulfide Induced Hepatitis with a Mitochondrial Targeting Ratiometric Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2018, 90, 8108-8115.	6.5	37
13	Evaluating the Protective Effects of Mitochondrial Glutathione on Cerebral Ischemia/Reperfusion Injury via Near-Infrared Fluorescence Imaging. <i>Analytical Chemistry</i> , 2019, 91, 14728-14736.	6.5	37
14	The distinct toxicity effects between commercial and realistic polystyrene microplastics on microbiome and histopathology of gut in zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 434, 128874.	12.4	26
15	A high-selectivity fluorescent probe for hypoxia imaging in cells and a tumor-bearing mouse model. <i>Analyst</i> , 2020, 145, 1389-1395.	3.5	23
16	Visualizing and evaluating mitochondrial cysteine via near-infrared fluorescence imaging in cells, tissues and <i>in vivo</i> under hypoxia/reperfusion stress. <i>Journal of Hazardous Materials</i> , 2021, 419, 126476.	12.4	20
17	Construction of a biotin-targeting drug delivery system and its near-infrared theranostic fluorescent probe for real-time image-guided therapy of lung cancer. <i>Chinese Chemical Letters</i> , 2022, 33, 1567-1571.	9.0	18
18	A near-infrared fluorescent probe for sensitive detection and imaging of sulfane sulfur in living cells and <i>in vivo</i> . <i>Biomaterials Science</i> , 2018, 6, 672-682.	5.4	17

#	ARTICLE	IF	CITATIONS
19	Bioengineered Gastrointestinal Tissues with Fibroblast-Induced Shapes. Advanced Functional Materials, 2021, 31, 2007514.	14.9	5
20	Bioengineered Gastrointestinal Tissue: Bioengineered Gastrointestinal Tissues with Fibroblast-Induced Shapes (Adv. Funct. Mater. 6/2021). Advanced Functional Materials, 2021, 31, 2170036.	14.9	0