

Zixuan Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

378
citations

759233

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425
citing authors

#	ARTICLE	IF	CITATIONS
1	Turn-on Fluorescent Probe for Exogenous and Endogenous Imaging of Hypochlorous Acid in Living Cells and Quantitative Application in Flow Cytometry. <i>Analytical Chemistry</i> , 2017, 89, 9544-9551.	6.5	74
2	Fast response near-infrared fluorescent probe for hydrogen sulfide in natural waters. <i>Talanta</i> , 2019, 202, 159-164.	5.5	48
3	Visualization of Lung Inflammation to Pulmonary Fibrosis via Peroxynitrite Fluctuation. <i>Analytical Chemistry</i> , 2019, 91, 11461-11466.	6.5	43
4	Simultaneous monitoring of polarity changes of lipid droplets and lysosomes with two-photon fluorescent probes. <i>Analytica Chimica Acta</i> , 2020, 1136, 34-41.	5.4	35
5	A Two-Photon Excited Near-Infrared Iridium(III) Complex for Multi-signal Detection and Multimodal Imaging of Hypochlorite. <i>Analytical Chemistry</i> , 2021, 93, 4628-4634.	6.5	34
6	Multimodal Imaging Iridium(III) Complex for Hypochlorous Acid in Living Systems. <i>Analytical Chemistry</i> , 2020, 92, 8285-8291.	6.5	32
7	Small molecule-based bioluminescence and chemiluminescence probes for sensing and imaging of reactive species. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116129.	11.4	22
8	Multifunctional Reduced Graphene Oxide-Based Nanoplatfrom for Synergistic Targeted Chemo-Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5213-5222.	4.6	20
9	Green synthesis of fluorescence carbon nanoparticles from yum and application in sensitive and selective detection of ATP. <i>Luminescence</i> , 2016, 31, 626-632.	2.9	17
10	Development of iridium(III) phosphorescent probe for hypochlorous acid detection in macrophages cells and cancer cells co-culture system and application in inflamed mouse model. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127016.	7.8	17
11	Ratiometric two-photon fluorescent probe for detection of hypochlorite in living cells. <i>Talanta</i> , 2020, 217, 121099.	5.5	15
12	A smart probe for simultaneous imaging of the lipid/water microenvironment in atherosclerosis and fatty liver. <i>Chemical Communications</i> , 2022, 58, 4020-4023.	4.1	15
13	Two-photon ratiometric fluorescent probe for imaging of hypochlorous acid in acute lung injury and its remediation effect. <i>Analytica Chimica Acta</i> , 2021, 1187, 339159.	5.4	6