

Yang Lei

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,031
citations

361413

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h-index

552781

26
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docs citations

26
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Nitric Oxide Fluctuation Via a Fast, Responsive Fluorescent Probe in Idiopathic Pulmonary Fibrosis Cells and Mice Models. <i>Analytical Chemistry</i> , 2022, 94, 4072-4077.	6.5	14
2	Dual-Ratiometric Fluorescent Probe for H ₂ O ₂ and HClO in Living Cells and Zebrafish and Application in Alcoholic Liver Injury Monitoring. <i>ACS Applied Bio Materials</i> , 2022, 5, 1683-1691.	4.6	7
3	A Ratiometric, Fast-Responsive and Single-Wavelength Excited Fluorescent Probe for the Discrimination of Cys and Hcy. <i>Analytical Chemistry</i> , 2021, 93, 10934-10939.	6.5	52
4	Rational Development of Dual-Ratiometric Fluorescent Probes for Distinguishing between H ₂ S and SO ₂ in Living Organisms. <i>Analytical Chemistry</i> , 2021, 93, 15209-15215.	6.5	34
5	Coumarinocoumarin-based fluorescent probe for the sensitive and selective detection of hydrazine in living cells and zebra fish. <i>Chinese Chemical Letters</i> , 2020, 31, 129-132.	9.0	23
6	Aggregation-enhanced emission enables phenothiazine coumarin as a robust ratiometric fluorescent for rapid and selective detection of HClO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117724.	3.9	17
7	The unique substitution-cyclization reaction cascade inspired highly selective H ₂ Sn probe development. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127382.	7.8	9
8	Construction of red-emitting iminocoumarin-based fluorescent borate complexes with a large Stokes shift. <i>Dyes and Pigments</i> , 2020, 173, 108007.	3.7	3
9	Fluorescent Detection of Dynamic H ₂ O ₂ /H ₂ S Redox Event in Living Cells and Organisms. <i>Analytical Chemistry</i> , 2020, 92, 4387-4394.	6.5	48
10	An instantaneous fluorescent probe for detecting hydrogen sulfide in biological systems. <i>New Journal of Chemistry</i> , 2019, 43, 13594-13599.	2.8	18
11	A fluorescent probe for the discriminatory detection of Cys/Hcy, GSH and H ₂ S in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126533.	7.8	59
12	An ideal platform of light-emitting materials from phenothiazine: facile preparation, tunable red/NIR fluorescence, bent geometry-promoted AIE behaviour and selective lipid-droplet (LD) tracking ability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4185-4190.	5.5	32
13	A red-emitting water-soluble fluorescent probe for biothiol detection with a large Stokes shift. <i>Chinese Chemical Letters</i> , 2019, 30, 563-565.	9.0	44
14	A red-emitting fluorescent probe for hydrogen sulfide in living cells with a large Stokes shift. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1150-1156.	2.8	34
15	A thiocoumarin-based fluorescent probe for detection of hypochlorite with high selectivity over other typical desulfurizing agents (Hg ²⁺ /Ag ⁺). <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 146-155.	7.8	36
16	Iminocoumarin-based fluorescence probe for intracellular H ₂ O ₂ detection with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 803-808.	7.8	39
17	A sensitive and selective fluorescent probe for the detection of hydrogen peroxide with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1160-1165.	7.8	51
18	A mitochondria-targeting ratiometric fluorescent probe for imaging hydrogen peroxide with long-wavelength emission and large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 247-253.	7.8	55

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19	A Triple-Emission Fluorescent Probe for Discriminatory Detection of Cysteine/Homocysteine, Glutathione/Hydrogen Sulfide, and Thiophenol in Living Cells. <i>ACS Sensors</i> , 2018, 3, 1863-1869.	7.8	105
20	An instantaneous near-infrared trimethyl lock based fluorescent probe for biothiols with a large Stokes shift. <i>Analytica Chimica Acta</i> , 2018, 1034, 168-175.	5.4	25
21	A red-emitting fluorescent probe for the detection of Hg ²⁺ in aqueous medium, living cells and organisms with a large Stokes shift. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5036-5042.	2.8	22
22	Ratiometric Fluorescent Probe for Lysosomal pH Measurement and Imaging in Living Cells Using Single-Wavelength Excitation. <i>Analytical Chemistry</i> , 2017, 89, 7038-7045.	6.5	144
23	An ESIPT-based fluorescent probe for sensitive and selective detection of Cys/Hcy over GSH with a red emission and a large Stokes shift. <i>Tetrahedron Letters</i> , 2017, 58, 3209-3213.	1.4	24
24	A red emitting fluorescent probe for instantaneous sensing of thiophenol in both aqueous medium and living cells with a large Stokes shift. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4320-4326.	5.5	67
25	A red-emitting fluorescent probe for specific detection of cysteine over homocysteine and glutathione with a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 27-33.	7.8	47
26	A red-emitting fluorescent probe for biothiols detection with a large Stokes shift. <i>Tetrahedron</i> , 2016, 72, 6909-6913.	1.9	22