

# Yang Lei

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,031  
citations

361413

20  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1018  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	A fluorescent probe for the discriminatory detection of Cys/Hcy, GSH and H <sub>2</sub> S in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126533.	7.8	59
5	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
6	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
7	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
8	Fluorescent Detection of Dynamic H <sub>2</sub> O <sub>2</sub> /H <sub>2</sub> S Redox Event in Living Cells and Organisms. <i>Analytical Chemistry</i> , 2020, 92, 4387-4394.	6.5	48
9	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
10	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
11	Iminocoumarin-based fluorescence probe for intracellular H <sub>2</sub> O <sub>2</sub> detection with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 803-808.	7.8	39
12	A thiocoumarin-based fluorescent probe for detection of hypochlorite with high selectivity over other typical desulfurizing agents (Hg <sup>2+</sup> /Ag <sup>+</sup> ). <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 146-155.	7.8	36
13	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
14	Rational Development of Dual-Ratiometric Fluorescent Probes for Distinguishing between H <sub>2</sub> S and SO <sub>2</sub> in Living Organisms. <i>Analytical Chemistry</i> , 2021, 93, 15209-15215.	6.5	34
15	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
16	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
17	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
18	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

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19	A red-emitting fluorescent probe for biothiols detection with a large Stokes shift. <i>Tetrahedron</i> , 2016, 72, 6909-6913.	1.9	22
20	A red-emitting fluorescent probe for the detection of Hg <sup>2+</sup> 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
21	An instantaneous fluorescent probe for detecting hydrogen sulfide in biological systems. <i>New Journal of Chemistry</i> , 2019, 43, 13594-13599.	2.8	18
22	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
23	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
24	The unique substitution-cyclization reaction cascade inspired highly selective H <sub>2</sub> S probe development. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127382.	7.8	9
25	Dual-Ratiometric Fluorescent Probe for H <sub>2</sub> O <sub>2</sub> 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
26	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