

Wei Shu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,018
citations

394421

19
h-index

526287

27
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all docs

28
docs citations

28
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Specific and Ultrasensitive Two-Photon Fluorescence Imaging of Native HOCl in Lysosomes and Tissues Based on Thiocarbamate Derivatives. <i>Analytical Chemistry</i> , 2016, 88, 12532-12538.	6.5	190
2	An Endoplasmic Reticulum-Targeted Ratiometric Fluorescent Probe for the Sensing of Hydrogen Sulfide in Living Cells and Zebrafish. <i>Analytical Chemistry</i> , 2020, 92, 9982-9988.	6.5	103
3	A simple highly selective and sensitive hydroquinone-based two-photon fluorescent probe for imaging peroxynitrite in live cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 380-385.	7.8	71
4	Novel Carbonothioate-Based Colorimetric and Fluorescent Probe for Selective Detection of Mercury Ions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 8713-8718.	3.7	58
5	A novel visual and far-red fluorescent dual-channel probe for the rapid and sensitive detection of hypochlorite in aqueous solution and living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1130-1136.	7.8	56
6	A mitochondria targetable and viscosity sensitive fluorescent probe and its applications for distinguishing cancerous cells. <i>Dyes and Pigments</i> , 2019, 168, 134-139.	3.7	53
7	A mitochondria-targeting highly specific fluorescent probe for fast sensing of endogenous peroxynitrite in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127284.	7.8	45
8	Highly Selective Fluorescent Probe for the Sensitive Detection of Inorganic and Organic Mercury Species Assisted by H_2O_2 . <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8056-8062.	3.7	41
9	A near-infrared fluorescent probe for ratiometric imaging peroxynitrite in Parkinson's disease model. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131393.	7.8	37
10	A mitochondria-targeted far red fluorescent probe for ratiometric imaging of endogenous peroxynitrite. <i>Dyes and Pigments</i> , 2019, 170, 107609.	3.7	35
11	Highly Sensitive and Selective Detection of Heparin in Serum Based on a Long-Wavelength Tetraphenylethylene-Cyanopyridine Aggregation-Induced Emission Luminogen. <i>Analytical Chemistry</i> , 2020, 92, 7106-7113.	6.5	32
12	Revealing the redox status in endoplasmic reticulum by a selenium fluorescence probe. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2660-2665.	5.8	29
13	Mitochondria-specific ultrasensitive ratiometric AIE probe for imaging endogenous peroxynitrite. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130206.	7.8	29
14	Rational design of a highly efficient two-photon fluorescent probe for tracking intracellular basal hypochlorous acid and its applications in identifying tumor cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126731.	7.8	25
15	Rational design of a reversible fluorescent probe for sensing GSH in mitochondria. <i>Analytica Chimica Acta</i> , 2022, 1220, 340081.	5.4	23
16	A highly selective ratiometric fluorescent probe for the sensitive detection of hypochlorous acid and its bioimaging applications. <i>RSC Advances</i> , 2016, 6, 64315-64322.	3.6	21
17	A highly selective fluorescent probe for monitoring exogenous and endogenous ONOO ⁻ fluctuations in HeLa cells. <i>Dyes and Pigments</i> , 2020, 175, 108069.	3.7	21
18	A deep red ratiometric fluorescent probe for accurate detection of peroxynitrite in mitochondria. <i>Analytica Chimica Acta</i> , 2022, 1203, 339652.	5.4	21

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19	Palladium-triggered ratiometric probe reveals CO's cytoprotective effects in mitochondria. <i>Dyes and Pigments</i> , 2020, 173, 107861.	3.7	20
20	A ratiometric fluorescent probe for mitochondrial esterase specific detection in living cells. <i>Dyes and Pigments</i> , 2020, 178, 108345.	3.7	19
21	A simple dual-response fluorescent probe for imaging of viscosity and ONOO [•] through different fluorescence signals in living cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119990.	3.9	17
22	A real-time ratiometric fluorescent probe for imaging of SO ₂ derivatives in mitochondria of living cells. <i>RSC Advances</i> , 2019, 9, 22348-22354.	3.6	16
23	An ESIPT-based fluorescent probe with large Stokes shift for peroxynitrite detection in HeLa cells and zebrafish. <i>Dyes and Pigments</i> , 2022, 204, 110334.	3.7	15
24	A thiocarbonate-caged fluorescent probe for specific visualization of peroxynitrite in living cells and zebrafish. <i>Analyst</i> , 2021, 146, 7627-7634.	3.5	14
25	A simple, cyanovinylene-based, ratiometric, colorimetric and fluorescent chemodosimeter for the specific and sensitive detection of HClO in living cells. <i>New Journal of Chemistry</i> , 2017, 41, 9262-9267.	2.8	13
26	A highly colorimetric and ratiometric fluorescent probe for the detection of fluoride ions using test strips. <i>Analytical Methods</i> , 2019, 11, 3844-3850.	2.7	11
27	A xanthene-based fluorescent probe for detection of peroxynitrite in living cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 277, 121264.	3.9	3
28	Near-infrared-emitting upconverting BiVO ₄ nanoprobos for in vivo fluorescent imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120811.	3.9	0