

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42 papers	2,364 citations	22 h-index	44 g-index
44 ext. papers	2,705 ext. citations	9.8 avg, IF	5.54 L-index

#	Paper	IF	Citations
42	Development of fluorescent probes based on protection-deprotection of the key functional groups for biological imaging. <i>Chemical Society Reviews</i> , 2015 , 44, 5003-15	58.5	313
41	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3356-9	16.4	226
40	A Unique "Integration" Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. <i>Accounts of Chemical Research</i> , 2017 , 50, 1410-1422	24.3	211
39	Dual Site-Controlled and Lysosome-Targeted Intramolecular Charge Transfer-Photoinduced Electron Transfer-Fluorescence Resonance Energy Transfer Fluorescent Probe for Monitoring pH Changes in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 4085-91	7.8	187
38	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of H ₂ O Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. <i>Advanced Materials</i> , 2016 , 28, 8755-8759	24	173
37	Coumarin-Based Turn-On Fluorescence Probe for Specific Detection of Glutathione over Cysteine and Homocysteine. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12809-13	9.5	125
36	Single near-infrared fluorescent probe with high- and low-sensitivity sites for sensing different concentration ranges of biological thiols with distinct modes of fluorescence signals. <i>Chemical Science</i> , 2016 , 7, 1896-1903	9.4	115
35	Lysosome-Targeted Turn-On Fluorescent Probe for Endogenous Formaldehyde in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 9359-9363	7.8	114
34	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. <i>Chemical Society Reviews</i> , 2019 , 48, 4036-4048	58.5	102
33	Recent progress in the fluorescent probes for the specific imaging of small molecular weight thiols in living cells. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 76, 166-181	14.6	102
32	A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. <i>Chemical Communications</i> , 2016 , 52, 11247-11250	5.8	80
31	Two-Photon and Deep-Red Emission Ratiometric Fluorescent Probe with a Large Emission Shift and Signal Ratios for Sulfur Dioxide: Ultrafast Response and Applications in Living Cells, Brain Tissues, and Zebrafishes. <i>Analytical Chemistry</i> , 2017 , 89, 9388-9393	7.8	76
30	A new fluorescent probe with a large turn-on signal for imaging nitroreductase in tumor cells and tissues by two-photon microscopy. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 853-858	11.8	59
29	Discriminating Live and Dead Cells in Dual-Color Mode with a Two-Photon Fluorescent Probe Based on ESIPT Mechanism. <i>Analytical Chemistry</i> , 2018 , 90, 998-1005	7.8	55
28	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16227-39	9.5	47
27	Rational Design of a Reversible Fluorescent Probe for Sensing Sulfur Dioxide/Formaldehyde in Living Cells, Zebrafish, and Living Mice. <i>Analytical Chemistry</i> , 2019 , 91, 10723-10730	7.8	46
26	Development of a two-photon fluorescent turn-on probe with far-red emission for thiophenols and its bioimaging application in living tissues. <i>Biosensors and Bioelectronics</i> , 2017 , 95, 81-86	11.8	45

25	A turn-on endoplasmic reticulum-targeted two-photon fluorescent probe for hydrogen sulfide and bio-imaging applications in living cells, tissues, and zebrafish. <i>Scientific Reports</i> , 2017 , 7, 12944	4.9	38
24	Development of a mitochondrial-targeted two-photon fluorescence turn-on probe for formaldehyde and its bio-imaging applications in living cells and tissues. <i>New Journal of Chemistry</i> , 2018 , 42, 8325-8329	3.6	27
23	Endoplasmic reticulum-targeted two-photon turn-on fluorescent probe for nitroreductase in tumor cells and tissues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 204, 770-774	4.4	27
22	A new aggregation-induced emission fluorescent probe for rapid detection of nitroreductase and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 188, 197-201	4.4	22
21	A multi-signal fluorescent probe for the discrimination of cysteine/homocysteine and glutathione and application in living cells and zebrafish. <i>New Journal of Chemistry</i> , 2018 , 42, 12615-12620	3.6	22
20	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie</i> , 2016 , 128, 3417-3420	3.6	21
19	A turn-on fluorescent probe for endogenous formaldehyde in the endoplasmic reticulum of living cells. <i>Methods and Applications in Fluorescence</i> , 2017 , 5, 024005	3.1	20
18	A fast-responsive two-photon fluorescent turn-on probe for nitroreductase and its bioimaging application in living tissues. <i>Sensors and Actuators B: Chemical</i> , 2017 , 252, 927-933	8.5	18
17	Endogenous formaldehyde is a memory-related molecule in mice and humans. <i>Communications Biology</i> , 2019 , 2, 446	6.7	15
16	A novel mitochondria-targeted near-infrared (NIR) probe for detection of viscosity changes in living cell, zebra fishes and living mice. <i>Talanta</i> , 2019 , 204, 868-874	6.2	13
15	Preparation of robust fluorescent probes for tracking endogenous formaldehyde in living cells and mouse tissue slices. <i>Nature Protocols</i> , 2020 , 15, 3499-3526	18.8	11
14	Development of a two-photon turn-on fluorescent probe for cysteine and its bio-imaging applications in living cells, tissues, and zebrafish. <i>New Journal of Chemistry</i> , 2018 , 42, 14075-14078	3.6	10
13	The development of a hemicyanine-based ratiometric CO fluorescent probe with a long emission wavelength and its applications for imaging CO in vitro and in vivo. <i>New Journal of Chemistry</i> , 2020 , 44, 12107-12112	3.6	6
12	A rapid and sensitive fluorescence method for detecting urine formaldehyde in patients with Alzheimer's disease. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 210-218	2.2	6
11	An endoplasmic reticulum targetable turn-on fluorescence probe for imaging application of carbon monoxide in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 247, 119150	4.4	6
10	Development of a Two-photon Ratiometric Fluorescent Probe for Glutathione and Its Applications in Living Cells. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 523-527	2.2	5
9	Carrier-free nanoparticles of camptothecin prodrug for chemo-photothermal therapy: the making, in vitro and in vivo testing. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 350	9.4	5
8	Development of a Highly Selective Two-Photon Probe for Methylglyoxal and its Applications in Living Cells, Tissues, and Zebrafish. <i>Journal of Fluorescence</i> , 2019 , 29, 155-163	2.4	5

7	A photostable fluorescent probe for rapid monitoring and tracking of a trans-membrane process and mitochondrial fission and fusion dynamics. <i>New Journal of Chemistry</i> , 2016 , 40, 3726-3731	3.6	4
6	Preparation of a Two-Photon Fluorescent Probe for Imaging HO in Lysosomes in Living Cells and Tissues. <i>Methods in Molecular Biology</i> , 2017 , 1594, 129-139	1.4	2
5	A fluorogenic probe for detecting CO with the potential integration of diagnosis and therapy (IDT) for cancer. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130245	8.5	2
4	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> ,	9.4	2
3	A novel cysteine fluorescent probe with large stokes shift for imaging in living cells, zebrafish and living mice.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 276, 121230	4.4	0
2	Carbon-induced effective lipid accumulation and self-flocculation for biofuel production of <i>Tetrademus obliquus</i> FACHB-12. <i>Journal of Cleaner Production</i> , 2022 , 131813	10.3	0
1	Synthesis and Study of Performance for An Enhanced Formaldehyde Fluorescent Probe. <i>Chinese Journal of Organic Chemistry</i> , 2022 , 42, 1163	3	0