

Yonghe Tang

List of Publications by Year in descending order

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43
papers

3,023
citations

236912

25
h-index

243610

44
g-index

44
all docs

44
docs citations

44
times ranked

2859
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of fluorescent probes based on protection–deprotection of the key functional groups for biological imaging. <i>Chemical Society Reviews</i> , 2015, 44, 5003-5015.	38.1	356
2	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3356-3359.	13.8	279
3	A Unique –Integration–Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. <i>Accounts of Chemical Research</i> , 2017, 50, 1410-1422.	15.6	263
4	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, 4085-4091.	6.5	220
5	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of H ₂ O ₂ Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. <i>Advanced Materials</i> , 2016, 28, 8755-8759.	21.0	193
6	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. <i>Chemical Society Reviews</i> , 2019, 48, 4036-4048.	38.1	146
7	Lysosome-Targeted Turn-On Fluorescent Probe for Endogenous Formaldehyde in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 9359-9363.	6.5	142
8	Coumarin-Based Turn-On Fluorescence Probe for Specific Detection of Glutathione over Cysteine and Homocysteine. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12809-12813.	8.0	135
9	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.	7.4	130
10	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.	11.4	119
11	A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. <i>Chemical Communications</i> , 2016, 52, 11247-11250.	4.1	96
12	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.	6.5	91
13	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.	6.5	74
14	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.	6.5	70
15	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.	10.1	67
16	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16227-16239.	8.0	60
17	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.	10.1	56
18	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 2022, 13, 4523-4532.	7.4	55

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19	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.	3.3	49
20	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.	2.8	39
21	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, 770-776.	3.9	35
22	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.	2.3	34
23	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.	3.9	31
24	Endogenous formaldehyde is a memory-related molecule in mice and humans. <i>Communications Biology</i> , 2019, 2, 446.	4.4	29
25	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.	2.8	28
26	Development of a Two-photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie</i> , 2016, 128, 3417-3420.	2.0	25
27	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.	5.5	25
28	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.	9.1	25
29	Preparation of robust fluorescent probes for tracking endogenous formaldehyde in living cells and mouse tissue slices. <i>Nature Protocols</i> , 2020, 15, 3499-3526.	12.0	24
30	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.	7.8	22
31	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.	3.9	16
32	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.	2.8	14
33	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.	1.6	14
34	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.	2.8	10
35	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.	7.8	10
36	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, 355, 131813.	9.3	9

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37	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.	2.5	8
38	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.	3.9	6
39	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.	2.6	5
40	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.	2.8	4
41	Preparation of a Two-Photon Fluorescent Probe for Imaging H ₂ O ₂ in Lysosomes in Living Cells and Tissues. <i>Methods in Molecular Biology</i> , 2017, 1594, 129-139.	0.9	3
42	A novel fluorescent probe with large Stokes shift for the detection of viscosity changes and its imaging in living cells. <i>Luminescence</i> , 2022, 37, 1120-1125.	2.9	2
43	Synthesis and Study of Performance for An Enhanced Formaldehyde Fluorescent Probe. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1163.	1.3	2