Yonghe Tang

List of Publications by Year in Descending Order

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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	A novel cysteine fluorescent probe with large stokes shift for imaging in living cells, zebrafish and living mice.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 276, 121230	4.4	0
41	Carbon-induced effective lipid accumulation and self-flocculation for biofuel production of Tetradesmus obliquus FACHB-12. *Journal of Cleaner Production*, **2022**, 131813	10.3	0
40	Synthesis and Study of Performance for An Enhanced Formaldehyde Fluorescent Probe. *Chinese Journal of Organic Chemistry*, **2022**, 42, 1163	3	0
39	Carrier-free nanoparticles of camptothecin prodrug for chemo-photothermal therapy: the making, in vitro and in vivo testing. *Journal of Nanobiotechnology*, **2021**, 19, 350	9.4	5
38	An endoplasmic reticulum targetable turn-on fluorescence probe for imaging application of carbon monoxide in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021** , 247, 119150	4.4	6
37	A fluorogenic probe for detecting CO with the potential integration of diagnosis and therapy (IDT) for cancer. *Sensors and Actuators B: Chemical*, **2021**, 344, 130245	8.5	2
36	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. *New Journal of Chemistry*, **2020**, 44, 12107-12112	3.6	6
35	Preparation of robust fluorescent probes for tracking endogenous formaldehyde in living cells and mouse tissue slices. *Nature Protocols*, **2020**, 15, 3499-3526	18.8	11
34	A novel mitochondria-targeted near-infrared (NIR) probe for detection of viscosity changes in living cell, zebra fishes and living mice. *Talanta*, **2019**, 204, 868-874	6.2	13
33	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. *Chemical Society Reviews*, **2019**, 48, 4036-4048	58.5	102
32	Rational Design of a Reversible Fluorescent Probe for Sensing Sulfur Dioxide/Formaldehyde in Living Cells, Zebrafish, and Living Mice. *Analytical Chemistry*, **2019**, 91, 10723-10730	7.8	46
31	Endogenous formaldehyde is a memory-related molecule in mice and humans. *Communications Biology*, **2019**, 2, 446	6.7	15
30	Development of a Highly Selective Two-Photon Probe for Methylglyoxal and its Applications in Living Cells, Tissues, and Zebrafish. *Journal of Fluorescence*, **2019**, 29, 155-163	2.4	5
29	A rapid and sensitive fluorescence method for detecting urine formaldehyde in patients with Alzheimer's disease. *Annals of Clinical Biochemistry*, **2019**, 56, 210-218	2.2	6
28	Development of a mitochondrial-targeted two-photon fluorescence turn-on probe for formaldehyde and its bio-imaging applications in living cells and tissues. *New Journal of Chemistry*, **2018**, 42, 8325-8329	3.6	27
27	A new aggregation-induced emission fluorescent probe for rapid detection of nitroreductase and its application in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 188, 197-201	4.4	22
26	Development of a Two-photon Ratiometric Fluorescent Probe for Glutathione and Its Applications in Living Cells. *Chemical Research in Chinese Universities*, **2018**, 34, 523-527	2.2	5

25	Development of a two-photon turn-on fluorescent probe for cysteine and its bio-imaging applications in living cells, tissues, and zebrafish. *New Journal of Chemistry*, **2018**, 42, 14075-14078	3.6	10
24	A multi-signal fluorescent probe for the discrimination of cysteine/homocysteine and glutathione and application in living cells and zebrafish. *New Journal of Chemistry*, **2018**, 42, 12615-12620	3.6	22
23	Discriminating Live and Dead Cells in Dual-Color Mode with a Two-Photon Fluorescent Probe Based on ESIPT Mechanism. *Analytical Chemistry*, **2018**, 90, 998-1005	7.8	55
22	Endoplasmic reticulum-targeted two-photon turn-on fluorescent probe for nitroreductase in tumor cells and tissues. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 204, 770-776	4.4	27
21	Development of a two-photon fluorescent turn-on probe with far-red emission for thiophenols and its bioimaging application in living tissues. *Biosensors and Bioelectronics*, **2017**, 95, 81-86	11.8	45
20	A turn-on fluorescent probe for endogenous formaldehyde in the endoplasmic reticulum of living cells. *Methods and Applications in Fluorescence*, **2017**, 5, 024005	3.1	20
19	A Unique "Integration" Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. *Accounts of Chemical Research*, **2017**, 50, 1410-1422	24.3	211
18	Preparation of a Two-Photon Fluorescent Probe for Imaging HO in Lysosomes in Living Cells and Tissues. *Methods in Molecular Biology*, **2017**, 1594, 129-139	1.4	2
17	A fast-responsive two-photon fluorescent turn-on probe for nitroreductase and its bioimaging application in living tissues. *Sensors and Actuators B: Chemical*, **2017**, 252, 927-933	8.5	18
16	A turn-on endoplasmic reticulum-targeted two-photon fluorescent probe for hydrogen sulfide and bio-imaging applications in living cells, tissues, and zebrafish. *Scientific Reports*, **2017**, 7, 12944	4.9	38
15	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. *Analytical Chemistry*, **2017**, 89, 9388-9393	7.8	76
14	A new fluorescent probe with a large turn-on signal for imaging nitroreductase in tumor cells and tissues by two-photon microscopy. *Biosensors and Bioelectronics*, **2017**, 89, 853-858	11.8	59
13	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of H O Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. *Advanced Materials*, **2016**, 28, 8755-8759	24	173
12	A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. *Chemical Communications*, **2016**, 52, 11247-11250	5.8	80
11	Lysosome-Targeted Turn-On Fluorescent Probe for Endogenous Formaldehyde in Living Cells. *Analytical Chemistry*, **2016**, 88, 9359-9363	7.8	114
10	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. *Angewandte Chemie*, **2016**, 128, 3417-3420	3.6	21
9	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. *ACS Applied Materials & Interfaces*, **2016**, 8, 16227-39	9.5	47
8	Recent progress in the fluorescent probes for the specific imaging of small molecular weight thiols in living cells. *TrAC - Trends in Analytical Chemistry*, **2016**, 76, 166-181	14.6	102

7	A photostable fluorescent probe for rapid monitoring and tracking of a trans-membrane process and mitochondrial fission and fusion dynamics. *New Journal of Chemistry*, **2016**, 40, 3726-3731	3.6	4
6	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. *Analytical Chemistry*, **2016**, 88, 4085-91	7.8	187
5	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. *Chemical Science*, **2016**, 7, 1896-1903	9.4	115
4	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. *Angewandte Chemie - International Edition*, **2016**, 55, 3356-9	16.4	226
3	Development of fluorescent probes based on protection-deprotection of the key functional groups for biological imaging. *Chemical Society Reviews*, **2015**, 44, 5003-15	58.5	313
2	Coumarin-Based Turn-On Fluorescence Probe for Specific Detection of Glutathione over Cysteine and Homocysteine. *ACS Applied Materials & Interfaces*, **2015**, 7, 12809-13	9.5	125
1	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. *Chemical Science*,	9.4	2