

Ming-Yu Wu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,175
citations

623734

14
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	A water-soluble near-infrared probe for colorimetric and ratiometric sensing of SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2014, 50, 183-185.	4.1	202
2	Mitochondria-targeted ratiometric fluorescent probe for real time monitoring of pH in living cells. <i>Biomaterials</i> , 2015, 53, 669-678.	11.4	142
3	A mitochondria-targeted colorimetric and ratiometric fluorescent probe for biological SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2015, 51, 10236-10239.	4.1	139
4	A real-time colorimetric and ratiometric fluorescent probe for sulfite. <i>Analyst, The</i> , 2013, 138, 3018.	3.5	138
5	A selective colorimetric and ratiometric fluorescent probe for hydrogen sulfide. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8342.	2.8	130
6	A simple yet effective AIE-based fluorescent nano-thermometer for temperature mapping in living cells using fluorescence lifetime imaging microscopy. <i>Nanoscale Horizons</i> , 2020, 5, 488-494.	8.0	51
7	A Membrane-Targeting Photosensitizer with Aggregation-Induced Emission Characteristics for Highly Efficient Photodynamic Combat of Human Coronaviruses. <i>Small</i> , 2021, 17, e2101770.	10.0	45
8	Dual-site lysosome-targeted fluorescent probe for separate detection of endogenous biothiols and SO ₂ in living cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4232-4238.	5.8	40
9	A near-infrared AIE probe for super-resolution imaging and nuclear lipid droplet dynamic study. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3043-3049.	5.9	37
10	A highly sensitive and selective "turn-on" fluorescent probe for hypochlorous acid monitoring. <i>RSC Advances</i> , 2015, 5, 18275-18278.	3.6	31
11	A Small-Molecule AIE Chromosome Periphery Probe for Cytogenetic Studies. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10327-10331.	13.8	29
12	A near-infrared AIE fluorescent probe for myelin imaging: From sciatic nerve to the optically cleared brain tissue in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
13	A near-infrared biothiol-specific fluorescent probe for cancer cell recognition. <i>Analyst, The</i> , 2019, 144, 4750-4756.	3.5	17
14	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	3.3	16
15	A near-infrared plasma membrane-specific AIE probe for fluorescence lifetime imaging of phagocytosis. <i>Science China Chemistry</i> , 2022, 65, 979-988.	8.2	15
16	Simultaneous Photodynamic Eradication of Tooth Biofilm and Tooth Whitening with an Aggregation-Induced Emission Luminogen. <i>Advanced Science</i> , 2022, 9, e2106071.	11.2	14
17	Imaging Macrophage Phagocytosis Using AIE Luminogen-Labeled E. coli. <i>Chemistry - an Asian Journal</i> , 2019, 14, 775-780.	3.3	13
18	Lysosome-Targeted Single Fluorescence Probe for Two-Channel Imaging Intracellular SO ₂ and Biothiols. <i>Molecules</i> , 2019, 24, 618.	3.8	13

#	ARTICLE	IF	CITATIONS
19	Visible colorimetric sensing of cysteine based on Au nanoparticle modified ZIF-67. <i>Chemical Papers</i> , 2020, 74, 1839-1847.	2.2	13
20	Simple synthesis of multifunctional photosensitizers for mitochondrial and bacterial imaging and photodynamic anticancer and antibacterial therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9035-9042.	5.8	12
21	Ultrafast labeling and high-fidelity imaging of mitochondria in cancer cells using an aggregation-enhanced emission fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 14681-14684.	4.1	11
22	Visual detection of amino acids by supramolecular gel collapse. <i>RSC Advances</i> , 2013, 4, 2119-2123.	3.6	9
23	An Aggregation-Induced Emission Optical Highlighter for the Studies of Endoplasmic Reticulum-Lipid Droplet Content Dynamics. <i>CCS Chemistry</i> , 2022, 4, 515-525.	7.8	7
24	A switchable multimode microlaser based on an AIE microsphere. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11180-11188.	5.5	6
25	A Novel Colorimetric Fluorescent Probe for SO ₂ and Its Application in Living Cells Imaging. <i>Molecules</i> , 2018, 23, 871.	3.8	4
26	A Highly Efficient Aggregation-induced Emission Photosensitizer for Photodynamic Combat of Multidrug-resistant Bacteria. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 150-156.	2.6	4
27	Cancer cell-selective aggregation-induced emission probe for long-term plasma membrane imaging. <i>Cell Reports Physical Science</i> , 2022, 3, 100735.	5.6	4
28	Copper mediated molecularly imprinted polymers for fast recognizing tylosin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114674.	2.8	3
29	A Small Molecule AIE Chromosome Periphery Probe for Cytogenetic Studies. <i>Angewandte Chemie</i> , 2020, 132, 10413-10417.	2.0	2
30	Metal- and Oxidant-Free Electrochemical Synthesis of Aryl Sulfides. <i>Journal of the Electrochemical Society</i> , 2021, 168, 015501.	2.9	1
31	Photosensitizers: A Membrane-Targeting Photosensitizer with Aggregation-Induced Emission Characteristics for Highly Efficient Photodynamic Combat of Human Coronaviruses (Small 30/2021). <i>Small</i> , 2021, 17, 2170158.	10.0	1