

Jin-wu Yan

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,142
citations

318942

23
h-index

445137

33
g-index

44
all docs

44
docs citations

44
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel cationic <i>meso</i> -CF ₃ BODIPY-based AIE fluorescent rotors for imaging viscosity in mitochondria. <i>Chemical Communications</i> , 2022, 58, 1930-1933.	2.2	28
2	Dual-Emission GFP Chromophore-Based Derivative for Imaging and Discriminating A β 2 Oligomers and Aggregates. <i>Analytical Chemistry</i> , 2022, 94, 1999-2006.	3.2	13
3	Novel <i>meso</i> -trifluoromethyl BODIPY-based near-infrared-emitting fluorescent probes for organelle-specific imaging of cellular viscosity. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131594.	4.0	34
4	Rotor-Tuning Boron Dipyrromethenes for Dual-Functional Imaging of A β 2 Oligomers and Viscosity. <i>ACS Applied Bio Materials</i> , 2022, 5, 3049-3056.	2.3	1
5	A novel near-infrared-emitting aza-boron-dipyrromethene-based remarkable fluorescent probe for Hg ²⁺ in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119207.	2.0	8
6	A quinoline-benzothiazole hybrid as the first near-infrared fluorescent probe for transthyretin. <i>New Journal of Chemistry</i> , 2021, 45, 18453-18458.	1.4	5
7	Research progress of multi-functional fluorescent probes for Alzheimer's disease monitoring. <i>Dyes and Pigments</i> , 2021, 193, 109466.	2.0	38
8	A quinoline derived D-A-D type fluorescent probe for sensing tetrameric transthyretin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 52, 128408.	1.0	4
9	Discovery of a novel niacin-lipoic acid dimer N2L attenuating atherosclerosis and dyslipidemia with non-flushing effects. <i>European Journal of Pharmacology</i> , 2020, 868, 172871.	1.7	3
10	A novel fluorescent protein chromophore analogue to simultaneously probe lysosome viscosity and β 2-amyloid fibrils. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127509.	4.0	32
11	Dual-functional AIE fluorescent probes for imaging β 2-amyloid plaques and lipid droplets. <i>Analytica Chimica Acta</i> , 2020, 1133, 109-118.	2.6	40
12	Nile-Red-Based Fluorescence Probe for Selective Detection of Biothiols, Computational Study, and Application in Cell Imaging. <i>Molecules</i> , 2020, 25, 4718.	1.7	10
13	A novel fluorescent probe for the detection of AmpC beta-lactamase and the application in screening beta-lactamase inhibitors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118257.	2.0	0
14	A remarkable colorimetric probe for fluorescent ratiometric and ON-OFF discriminative detection of Hg ²⁺ and Cu ²⁺ by double-channel imaging in living cells. <i>Dyes and Pigments</i> , 2019, 171, 107782.	2.0	19
15	Dual-functional red-emitting fluorescent probes for imaging beta-amyloid plaques and viscosity. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126903.	4.0	29
16	Development of rhodamine-based fluorescent probes for sensitive detection of Fe ³⁺ in water: spectroscopic and computational investigations. <i>New Journal of Chemistry</i> , 2019, 43, 1725-1732.	1.4	6
17	A near-infrared BODIPY-based fluorescent probe for ratiometric and discriminative detection of Hg ²⁺ and Cu ²⁺ ions in living cells. <i>Talanta</i> , 2019, 198, 390-397.	2.9	68
18	A lysosome-targeting dual-functional fluorescent probe for imaging intracellular viscosity and beta-amyloid. <i>Chemical Communications</i> , 2019, 55, 2688-2691.	2.2	58

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19	A modified sensitive ELISA based on dual catalysis of Pd@Pt porous nanoparticles and horseradish peroxidase. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 475-484.	4.0	15
20	Two novel rhodamine-based fluorescent probes for the rapid and sensitive detection of Fe ³⁺ : Experimental and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 167-175.	2.0	20
21	Ultrasensitive colorimetric immunoassay for hCG detection based on dual catalysis of Au@Pt core-shell nanoparticle functionalized by horseradish peroxidase. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 102-108.	2.0	21
22	Discovery of a novel multifunctional carbazole- <i>l</i> -aminoquinoline dimer for Alzheimer's disease: copper selective chelation, anti-amyloid aggregation, and neuroprotection. <i>Medicinal Chemistry Research</i> , 2018, 27, 777-784.	1.1	16
23	Piperazine-tuned NBD-based colorimetric and fluorescent turn-off probes for hydrogen sulfide. <i>Analytical Methods</i> , 2018, 10, 3375-3379.	1.3	17
24	Ultrasensitive ELISA for the detection of hCG based on assembled gold nanoparticles induced by functional polyamidoamine dendrimers. <i>Analytica Chimica Acta</i> , 2018, 1042, 116-124.	2.6	27
25	Simultaneous autotrophic removal of sulphate and nitrate at different voltages in a bioelectrochemical reactor (BER): Evaluation of degradation efficiency and characterization of microbial communities. <i>Bioresource Technology</i> , 2018, 265, 340-348.	4.8	25
26	A smart NIR fluorescent probe for the highly selective detection of palladium. <i>RSC Advances</i> , 2017, 7, 6583-6586.	1.7	24
27	In vivo near-infrared fluorescence imaging of amyloid- β^2 plaques with a dicyanoisophorone-based probe. <i>Analytica Chimica Acta</i> , 2017, 961, 112-118.	2.6	40
28	Design, Synthesis, and Evaluation of Isaindigotone Derivatives To Downregulate <i>c-myc</i> Transcription via Disrupting the Interaction of NM23-H2 with G-Quadruplex. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1292-1308.	2.9	40
29	Nitrile-functionalized ruthenium nanoparticles: charge delocalization through Ru- π interface. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	3
30	CV-APC, a colorimetric and red-emitting fluorescent dual probe for the highly sensitive detection of palladium. <i>RSC Advances</i> , 2017, 7, 20369-20372.	1.7	30
31	Neutral merocyanine dyes: for in vivo NIR fluorescence imaging of amyloid- β^2 plaques. <i>Chemical Communications</i> , 2017, 53, 9910-9913.	2.2	45
32	A colorimetric and far-red fluorescent probe for the highly sensitive detection of silver(<i>scpi</i>). <i>RSC Advances</i> , 2017, 7, 55567-55570.	1.7	5
33	Development of a colorimetric and NIR fluorescent dual probe for carbon monoxide. <i>RSC Advances</i> , 2016, 6, 65373-65376.	1.7	39
34	A colorimetric and fluorescent dual probe for palladium in aqueous medium and live cell imaging. <i>Analyst</i> , 2016, 141, 2376-2379.	1.7	36
35	A colorimetric and fluorescent turn-on probe for carbon monoxide and imaging in living cells. <i>Tetrahedron Letters</i> , 2016, 57, 2927-2930.	0.7	51
36	A colorimetric and fluorometric NBD-based chemosensor for highly selective recognition of palladium(<i>scpii</i>) cations. <i>RSC Advances</i> , 2016, 6, 43539-43542.	1.7	19

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37	A simple structural modification to thiazole orange to improve the selective detection of G-quadruplexes. <i>Dyes and Pigments</i> , 2016, 126, 76-85.	2.0	17
38	Colorimetric and fluorescence detection of G-quadruplex nucleic acids with a coumarin-benzothiazole probe. <i>Analyst</i> , 2015, 140, 7146-7149.	1.7	30
39	Development of a new colorimetric and red-emitting fluorescent dual probe for G-quadruplex nucleic acids. <i>Chemical Communications</i> , 2014, 50, 6927-6930.	2.2	57
40	Synthesis and Evaluation of Quinazolone Derivatives as a New Class of G-Quadruplex Binding Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 909-914.	1.3	46
41	Development of a Universal Colorimetric Indicator for G-Quadruplex Structures by the Fusion of Thiazole Orange and Isaindigotone Skeleton. <i>Analytical Chemistry</i> , 2012, 84, 6288-6292.	3.2	42
42	Design, synthesis and evaluation of isaindigotone derivatives as dual inhibitors for acetylcholinesterase and amyloid beta aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2527-2534.	1.4	47
43	Impact of planarity of unfused aromatic molecules on G-quadruplex binding: Learning from isaindigotone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6422.	1.5	34