

Jin-wu Yan

List of Publications by Year in descending order

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43
papers

1,142
citations

279778

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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.	5.5	68
2	A lysosome-targeting dual-functional fluorescent probe for imaging intracellular viscosity and beta-amyloid. <i>Chemical Communications</i> , 2019, 55, 2688-2691.	4.1	58
3	Development of a new colorimetric and red-emitting fluorescent dual probe for G-quadruplex nucleic acids. <i>Chemical Communications</i> , 2014, 50, 6927-6930.	4.1	57
4	A colorimetric and fluorescent turn-on probe for carbon monoxide and imaging in living cells. <i>Tetrahedron Letters</i> , 2016, 57, 2927-2930.	1.4	51
5	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.	3.0	47
6	Synthesis and Evaluation of Quinazolone Derivatives as a New Class of <i>c-KIT</i> G-Quadruplex Binding Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 909-914.	2.8	46
7	Neutral merocyanine dyes: for in vivo NIR fluorescence imaging of amyloid- β^2 plaques. <i>Chemical Communications</i> , 2017, 53, 9910-9913.	4.1	45
8	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.	6.5	42
9	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.	5.4	40
10	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.	6.4	40
11	Dual-functional AIE fluorescent probes for imaging β^2 -amyloid plaques and lipid droplets. <i>Analytica Chimica Acta</i> , 2020, 1133, 109-118.	5.4	40
12	Development of a colorimetric and NIR fluorescent dual probe for carbon monoxide. <i>RSC Advances</i> , 2016, 6, 65373-65376.	3.6	39
13	Research progress of multi-functional fluorescent probes for Alzheimer's disease monitoring. <i>Dyes and Pigments</i> , 2021, 193, 109466.	3.7	38
14	A colorimetric and fluorescent dual probe for palladium in aqueous medium and live cell imaging. <i>Analyst</i> , 2016, 141, 2376-2379.	3.5	36
15	Impact of planarity of unfused aromatic molecules on G-quadruplex binding: Learning from isaindigotone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6422.	2.8	34
16	Novel meso-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.	7.8	34
17	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.	7.8	32
18	Colorimetric and fluorescence detection of G-quadruplex nucleic acids with a coumarin-benzothiazole probe. <i>Analyst</i> , 2015, 140, 7146-7149.	3.5	30

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19	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.	3.6	30
20	Dual-functional red-emitting fluorescent probes for imaging beta-amyloid plaques and viscosity. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126903.	7.8	29
21	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.	4.1	28
22	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.	5.4	27
23	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.	9.6	25
24	A smart NIR fluorescent probe for the highly selective detection of palladium. <i>RSC Advances</i> , 2017, 7, 6583-6586.	3.6	24
25	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.	3.9	21
26	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.	3.9	20
27	A colorimetric and fluorometric NBD-based chemosensor for highly selective recognition of palladium(II) cations. <i>RSC Advances</i> , 2016, 6, 43539-43542.	3.6	19
28	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.	3.7	19
29	A simple structural modification to thiazole orange to improve the selective detection of G-quadruplexes. <i>Dyes and Pigments</i> , 2016, 126, 76-85.	3.7	17
30	Piperazine-tuned NBD-based colorimetric and fluorescent turn-off probes for hydrogen sulfide. <i>Analytical Methods</i> , 2018, 10, 3375-3379.	2.7	17
31	Discovery of a novel multifunctional carbazole- <i>π</i> -aminoquinoline dimer for Alzheimer's disease: copper selective chelation, anti-amyloid aggregation, and neuroprotection. <i>Medicinal Chemistry Research</i> , 2018, 27, 777-784.	2.4	16
32	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.	7.8	15
33	Dual-Emission GFP Chromophore-Based Derivative for Imaging and Discriminating A β ² Oligomers and Aggregates. <i>Analytical Chemistry</i> , 2022, 94, 1999-2006.	6.5	13
34	Nile-Red-Based Fluorescence Probe for Selective Detection of Biothiols, Computational Study, and Application in Cell Imaging. <i>Molecules</i> , 2020, 25, 4718.	3.8	10
35	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.	3.9	8
36	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.	2.8	6

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37	A colorimetric and far-red fluorescent probe for the highly sensitive detection of silver (<sc>i</sc>). RSC Advances, 2017, 7, 55567-55570.	3.6	5
38	A quinoline-benzothiazole hybrid as the first near-infrared fluorescent probe for transthyretin. New Journal of Chemistry, 2021, 45, 18453-18458.	2.8	5
39	A quinoline derived D-A-D type fluorescent probe for sensing tetrameric transthyretin. Bioorganic and Medicinal Chemistry Letters, 2021, 52, 128408.	2.2	4
40	Nitrile-functionalized ruthenium nanoparticles: charge delocalization through Ru- π interface. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	3
41	Discovery of a novel niacin-lipoic acid dimer N2L attenuating atherosclerosis and dyslipidemia with non-flushing effects. European Journal of Pharmacology, 2020, 868, 172871.	3.5	3
42	Rotor-Tuning Boron Dipyrromethenes for Dual-Functional Imaging of A β Oligomers and Viscosity. ACS Applied Bio Materials, 2022, 5, 3049-3056.	4.6	1
43	A novel fluorescent probe for the detection of AmpC beta-lactamase and the application in screening beta-lactamase inhibitors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118257.	3.9	0