Jianjian Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Activatable Near-Infrared Fluorescent Organic Nanoprobe for Hypochlorous Acid Detection in the Early Diagnosis of Rheumatoid Arthritis. Analytical Chemistry, 2022, 94, 5805-5813.	6.5	20
2	An Activatable Near-Infrared Fluorescence Hydrogen Sulfide (H ₂ S) Donor for Imaging H ₂ S Release and Inhibiting Inflammation in Cells. Analytical Chemistry, 2021, 93, 4894-4901.	6.5	48
3	Development of Second Near-Infrared Photoacoustic Imaging Agents. Trends in Chemistry, 2021, 3, 305-317.	8.5	38
4	Development of a coumarin-based fluorescent probe for hydrogen peroxide based on the Payne/Dakin tandem reaction. Dyes and Pigments, 2021, 190, 109335.	3.7	7
5	Excimer-based Activatable Fluorescent Sensor for Sensitive Detection of Alkaline Phosphatase. Chemical Research in Chinese Universities, 2021, 37, 960-966.	2.6	2
6	An Edaravone-Guided Design of a Rhodamine-Based Turn-on Fluorescent Probe for Detecting Hydroxyl Radicals in Living Systems. Analytical Chemistry, 2021, 93, 14343-14350.	6.5	26
7	Activatable molecular agents for cancer theranostics. Chemical Science, 2020, 11, 618-630.	7.4	116
8	ExoTracker: a low-pH-activatable fluorescent probe for labeling exosomes and monitoring endocytosis and trafficking. Chemical Communications, 2020, 56, 14869-14872.	4.1	11
9	Activatable Formation of Emissive Excimers for Highly Selective Detection of β-Galactosidase. Analytical Chemistry, 2020, 92, 5733-5740.	6.5	27
10	A boron nitride electrode modified with a nanocomposite prepared from an ionic liquid and tungsten disulfide for voltammetric sensing of 4-aminophenol. Mikrochimica Acta, 2019, 186, 614.	5.0	16
11	Molecular imaging of oxidative stress using an LED-based photoacoustic imaging system. Scientific Reports, 2019, 9, 11378.	3.3	23
12	Michael Addition/S,N-Intramolecular Rearrangement Sequence Enables Selective Fluorescence Detection of Cysteine and Homocysteine. Analytical Chemistry, 2019, 91, 10894-10900.	6.5	47
13	Recent Advances of Molecular Optical Probes in Imaging of Î ² -Galactosidase. Bioconjugate Chemistry, 2019, 30, 2089-2101.	3.6	94
14	2,4-Dinitrobenzenesulfonate-functionalized carbon dots as a turn-on fluorescent probe for imaging of biothiols in living cells. Mikrochimica Acta, 2019, 186, 402.	5.0	25
15	A ratiometric fluorescent probe for the detection of endogenous hydroxyl radicals in living cells. Talanta, 2019, 196, 317-324.	5.5	14
16	A nitroso-based fluorogenic probe for rapid detection of hydrogen sulfide in living cells. Sensors and Actuators B: Chemical, 2019, 281, 542-548.	7.8	27
17	A fluorescent probe for hydrazine based on a newly developed 1-indanone-fused coumarin scaffold. Dyes and Pigments, 2019, 162, 112-119.	3.7	63
18	Sensitive and Selective Fluorescent Probe for Selenol in Living Cells Designed via a p <i>K</i> _a Shift Strategy. Analytical Chemistry, 2018, 90, 4119-4125.	6.5	26

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19	Nearâ€Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. Angewandte Chemie, 2018, 130, 1270-1274.	2.0	46
20	Nearâ€Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. Angewandte Chemie - International Edition, 2018, 57, 1256-1260.	13.8	150
21	Macrotheranostic Probe with Diseaseâ€Activated Nearâ€Infrared Fluorescence, Photoacoustic, and Photothermal Signals for Imagingâ€Guided Therapy. Angewandte Chemie, 2018, 130, 7930-7934.	2.0	79
22	Water-soluble fluorescent unimolecular micelles: ultra-small size, tunable fluorescence emission from the visible to NIR region and enhanced biocompatibility for <i>in vitro</i> and <i>in vivo</i> bioimaging. Chemical Communications, 2018, 54, 6252-6255.	4.1	20
23	Macrotheranostic Probe with Diseaseâ€Activated Nearâ€Infrared Fluorescence, Photoacoustic, and Photothermal Signals for Imagingâ€Guided Therapy. Angewandte Chemie - International Edition, 2018, 57, 7804-7808.	13.8	296
24	A Dual-Modal Molecular Probe for Near-Infrared Fluorescence and Photoacoustic Imaging of Peroxynitrite. Analytical Chemistry, 2018, 90, 9301-9307.	6.5	152
25	Near-infrared fluorescence probes to detect reactive oxygen species for keloid diagnosis. Chemical Science, 2018, 9, 6340-6347.	7.4	98
26	Nanoprobes: Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite (Adv. Mater. 6/2017). Advanced Materials, 2017, 29, .	21.0	4
27	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. Advanced Materials, 2017, 29, 1604764.	21.0	220
28	A new fluorescence turn-on probe for biothiols based on photoinduced electron transfer and its application in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 166, 31-37.	3.9	13
29	A near-infrared fluorescent probe based on chloroacetate modified naphthofluorescein for selectively detecting cysteine/homocysteine and its application in living cells. Photochemical and Photobiological Sciences, 2016, 15, 1393-1399.	2.9	11
30	Naphthalimide derived fluorescent probes with turn-on response for Au3+ and the application for biological visualization. Biosensors and Bioelectronics, 2016, 83, 334-338.	10.1	27
31	A two-photon off-on fluorescence probe for imaging thiols in live cells and tissues. Photochemical and Photobiological Sciences, 2016, 15, 412-419.	2.9	19
32	A rational designed thiols fluorescence probe: the positional isomer in PET. Tetrahedron, 2016, 72, 2048-2056.	1.9	13
33	A phosphinate-based near-infrared fluorescence probe for imaging the superoxide radical anion in vitro and in vivo. Chemical Communications, 2016, 52, 2679-2682.	4.1	100
34	Imaging of Fluoride Ion in Living Cells and Tissues with a Two-Photon Ratiometric Fluorescence Probe. Sensors, 2015, 15, 1611-1622.	3.8	20
35	A Nearâ€Infrared Fluorescence Probe for Thiols Based on Analyteâ€Specific Cleavage of Carbamate and Its Application in Bioimaging. European Journal of Organic Chemistry, 2015, 2015, 1711-1718.	2.4	27
36	Near-Infrared and Naked-Eye Fluorescence Probe for Direct and Highly Selective Detection of Cysteine and Its Application in Living Cells. Analytical Chemistry, 2015, 87, 4856-4863.	6.5	194

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37	Naked-Eye and Near-Infrared Fluorescence Probe for Hydrazine and Its Applications in In Vitro and In Vivo Bioimaging. Analytical Chemistry, 2015, 87, 9101-9107.	6.5	185
38	Unified Synthesis of (–)-Folicanthine and (–)-Ditryptophenaline Enabled by a Room Temperature Nickel-Mediated Reductive Dimerization. Synthesis, 2014, 46, 1908-1916.	2.3	17
39	Ni-Catalyzed Reductive Homocoupling of Unactivated Alkyl Bromides at Room Temperature and Its Synthetic Application. Journal of Organic Chemistry, 2013, 78, 10960-10967.	3.2	91
40	Collective synthesis of several 2,7′-cyclolignans and their correlation by chemical transformations. Organic and Biomolecular Chemistry, 2013, 11, 7574.	2.8	29
41	Nickel-Mediated Inter- and Intramolecular C–S Coupling of Thiols and Thioacetates with Aryl Iodides at Room Temperature. Organic Letters, 2013, 15, 550-553.	4.6	154
42	Total synthesis of (±)-sacidumlignans D and A through Ueno–Stork radical cyclization reaction. Organic and Biomolecular Chemistry, 2013, 11, 2498.	2.8	32
43	Synthesis, Crystal Structure and Thermal Behavior of Co(en)3[B4O5(OH)4]Cl·3H2O and [Ni(en)3][B5O6(OH)4]2·2H2O. Chinese Journal of Chemistry, 2009, 27, 494-500.	4.9	16