

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. <i>Analytical Chemistry</i> , 2022, 94, 5805-5813.	3.2	20
2	An Activatable Near-Infrared Fluorescence Hydrogen Sulfide (H ₂ S) Donor for Imaging H ₂ S Release and Inhibiting Inflammation in Cells. <i>Analytical Chemistry</i> , 2021, 93, 4894-4901.	3.2	48
3	Development of Second Near-Infrared Photoacoustic Imaging Agents. <i>Trends in Chemistry</i> , 2021, 3, 305-317.	4.4	38
4	Development of a coumarin-based fluorescent probe for hydrogen peroxide based on the Payne/Dakin tandem reaction. <i>Dyes and Pigments</i> , 2021, 190, 109335.	2.0	7
5	Excimer-based Activatable Fluorescent Sensor for Sensitive Detection of Alkaline Phosphatase. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 960-966.	1.3	2
6	An Edaravone-Guided Design of a Rhodamine-Based Turn-on Fluorescent Probe for Detecting Hydroxyl Radicals in Living Systems. <i>Analytical Chemistry</i> , 2021, 93, 14343-14350.	3.2	26
7	Activatable molecular agents for cancer theranostics. <i>Chemical Science</i> , 2020, 11, 618-630.	3.7	116
8	ExoTracker: a low-pH-activatable fluorescent probe for labeling exosomes and monitoring endocytosis and trafficking. <i>Chemical Communications</i> , 2020, 56, 14869-14872.	2.2	11
9	Activatable Formation of Emissive Excimers for Highly Selective Detection of β -Galactosidase. <i>Analytical Chemistry</i> , 2020, 92, 5733-5740.	3.2	27
10	A boron nitride electrode modified with a nanocomposite prepared from an ionic liquid and tungsten disulfide for voltammetric sensing of 4-aminophenol. <i>Mikrochimica Acta</i> , 2019, 186, 614.	2.5	16
11	Molecular imaging of oxidative stress using an LED-based photoacoustic imaging system. <i>Scientific Reports</i> , 2019, 9, 11378.	1.6	23
12	Michael Addition/S,N-Intramolecular Rearrangement Sequence Enables Selective Fluorescence Detection of Cysteine and Homocysteine. <i>Analytical Chemistry</i> , 2019, 91, 10894-10900.	3.2	47
13	Recent Advances of Molecular Optical Probes in Imaging of β -Galactosidase. <i>Bioconjugate Chemistry</i> , 2019, 30, 2089-2101.	1.8	94
14	2,4-Dinitrobenzenesulfonate-functionalized carbon dots as a turn-on fluorescent probe for imaging of biothiols in living cells. <i>Mikrochimica Acta</i> , 2019, 186, 402.	2.5	25
15	A ratiometric fluorescent probe for the detection of endogenous hydroxyl radicals in living cells. <i>Talanta</i> , 2019, 196, 317-324.	2.9	14
16	A nitroso-based fluorogenic probe for rapid detection of hydrogen sulfide in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 542-548.	4.0	27
17	A fluorescent probe for hydrazine based on a newly developed 1-indanone-fused coumarin scaffold. <i>Dyes and Pigments</i> , 2019, 162, 112-119.	2.0	63
18	Sensitive and Selective Fluorescent Probe for Selenol in Living Cells Designed via a p <i>K</i> _a Shift Strategy. <i>Analytical Chemistry</i> , 2018, 90, 4119-4125.	3.2	26

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19	Near-Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. <i>Angewandte Chemie</i> , 2018, 130, 1270-1274.	1.6	46
20	Near-Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1256-1260.	7.2	150
21	Macrotheranostic Probe with Disease-Activated Near-Infrared Fluorescence, Photoacoustic, and Photothermal Signals for Imaging-Guided Therapy. <i>Angewandte Chemie</i> , 2018, 130, 7930-7934.	1.6	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. <i>Chemical Communications</i> , 2018, 54, 6252-6255.	2.2	20
23	Macrotheranostic Probe with Disease-Activated Near-Infrared Fluorescence, Photoacoustic, and Photothermal Signals for Imaging-Guided Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7804-7808.	7.2	296
24	A Dual-Modal Molecular Probe for Near-Infrared Fluorescence and Photoacoustic Imaging of Peroxynitrite. <i>Analytical Chemistry</i> , 2018, 90, 9301-9307.	3.2	152
25	Near-infrared fluorescence probes to detect reactive oxygen species for keloid diagnosis. <i>Chemical Science</i> , 2018, 9, 6340-6347.	3.7	98
26	Nanoprobes: Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite (<i>Adv. Mater.</i> 6/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	4
27	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. <i>Advanced Materials</i> , 2017, 29, 1604764.	11.1	220
28	A new fluorescence turn-on probe for biothiols based on photoinduced electron transfer and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 166, 31-37.	2.0	13
29	A near-infrared fluorescent probe based on chloroacetate modified naphthofluorescein for selectively detecting cysteine/homocysteine and its application in living cells. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1393-1399.	1.6	11
30	Naphthalimide derived fluorescent probes with turn-on response for Au ³⁺ and the application for biological visualization. <i>Biosensors and Bioelectronics</i> , 2016, 83, 334-338.	5.3	27
31	A two-photon off-on fluorescence probe for imaging thiols in live cells and tissues. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 412-419.	1.6	19
32	A rational designed thiols fluorescence probe: the positional isomer in PET. <i>Tetrahedron</i> , 2016, 72, 2048-2056.	1.0	13
33	A phosphinate-based near-infrared fluorescence probe for imaging the superoxide radical anion in vitro and in vivo. <i>Chemical Communications</i> , 2016, 52, 2679-2682.	2.2	100
34	Imaging of Fluoride Ion in Living Cells and Tissues with a Two-Photon Ratiometric Fluorescence Probe. <i>Sensors</i> , 2015, 15, 1611-1622.	2.1	20
35	A Near-Infrared Fluorescence Probe for Thiols Based on Analyte-Specific Cleavage of Carbamate and Its Application in Bioimaging. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1711-1718.	1.2	27
36	Near-Infrared and Naked-Eye Fluorescence Probe for Direct and Highly Selective Detection of Cysteine and Its Application in Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 4856-4863.	3.2	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. <i>Analytical Chemistry</i> , 2015, 87, 9101-9107.	3.2	185
38	Unified Synthesis of (â€“)-Folicanthine and (â€“)-Ditryptophenaline Enabled by a Room Temperature Nickel-Mediated Reductive Dimerization. <i>Synthesis</i> , 2014, 46, 1908-1916.	1.2	17
39	Ni-Catalyzed Reductive Homocoupling of Unactivated Alkyl Bromides at Room Temperature and Its Synthetic Application. <i>Journal of Organic Chemistry</i> , 2013, 78, 10960-10967.	1.7	91
40	Collective synthesis of several 2,7-â€“cycloignans and their correlation by chemical transformations. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7574.	1.5	29
41	Nickel-Mediated Inter- and Intramolecular Câ€“S Coupling of Thiols and Thioacetates with Aryl Iodides at Room Temperature. <i>Organic Letters</i> , 2013, 15, 550-553.	2.4	154
42	Total synthesis of (Â±)-sacidumignans D and A through Uenoâ€“Stork radical cyclization reaction. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2498.	1.5	32
43	Synthesis, Crystal Structure and Thermal Behavior of Co(en) ₃ [B ₄ O ₅ (OH) ₄]ClÂ·3H ₂ O and [Ni(en) ₃][B ₅ O ₆ (OH) ₄]2Â·2H ₂ O. <i>Chinese Journal of Chemistry</i> , 2009, 27, 494-500.	2.6	16