Dongdong Su

List of Publications by Year
in descending order

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43 papers	2,373 citations	257450 24 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	3207 citing authors

#	Article	IF	Citations
1	De Novo Design of Chemical Stability Near-Infrared Molecular Probes for High-Fidelity Hepatotoxicity Evaluation In Vivo. Journal of the American Chemical Society, 2019, 141, 6352-6361.	13.7	230
2	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. Biomaterials, 2015, 56, 1-9.	11.4	228
3	Realâ€Time Inâ€…Vivo Hepatotoxicity Monitoring through Chromophoreâ€Conjugated Photonâ€Upconverting Nanoprobes. Angewandte Chemie - International Edition, 2017, 56, 4165-4169.	13.8	178
4	Motion-induced change in emission (MICE) for developing fluorescent probes. Chemical Society Reviews, 2017, 46, 4833-4844.	38.1	172
5	Chemical Fluorescent Probe for Detection of AÎ² Oligomers. Journal of the American Chemical Society, 2015, 137, 13503-13509.	13.7	163
6	A simple yet highly selective colorimetric sensor for cyanide anion in an aqueous environment. Organic and Biomolecular Chemistry, 2008, 6, 3038.	2.8	128
7	A distinctive near-infrared fluorescence turn-on probe for rapid, sensitive and chromogenic detection of sulfite in food. Dyes and Pigments, 2019, 162, 459-465.	3.7	111
8	Development of background-free tame fluorescent probes for intracellular live cell imaging. Nature Communications, 2016, 7, 11964.	12.8	92
9	Live cells imaging using a turn-on FRET-based BODIPY probe for biothiols. Biomaterials, 2014, 35, 6078-6085.	11.4	91
10	A smart fluorescent probe for discriminative detection of hydrazine and bisulfite from different emission channels. Sensors and Actuators B: Chemical, 2018, 274, 274-284.	7.8	90
11	A Unique Small Molecule Inhibitor of Enolase Clarifies Its Role in Fundamental Biological Processes. ACS Chemical Biology, 2013, 8, 1271-1282.	3.4	81
12	Colorimetric and Ratiometric Chemosensor for Visual Detection of Gaseous Phosgene Based on Anthracene Carboxyimide Membrane. Analytical Chemistry, 2018, 90, 8686-8691.	6.5	78
13	Boronic Acid: A Bio-Inspired Strategy To Increase the Sensitivity and Selectivity of Fluorescent NADH Probe. Journal of the American Chemical Society, 2016, 138, 10394-10397.	13.7	74
14	A Simple BODIPY-Based Viscosity Probe for Imaging of Cellular Viscosity in Live Cells. Sensors, 2016, 16, 1397.	3.8	60
15	Recent advances in molecular fluorescent probes for organic phosphate biomolecules recognition. Chinese Chemical Letters, 2019, 30, 1775-1790.	9.0	58
16	The development of a highly photostable and chemically stable zwitterionic near-infrared dye for imaging applications. Chemical Communications, 2015, 51, 3989-3992.	4.1	51
17	Dark to light! A new strategy for large Stokes shift dyes: coupling of a dark donor with tunable high quantum yield acceptors. Chemical Science, 2014, 5, 4812-4818.	7.4	46
18	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. Angewandte Chemie, 2016, 128, 1805-1808.	2.0	38

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19	Imidazolium-based macrocycles as multisignaling chemosensors for anions. Dalton Transactions, 2008, , 3694.	3.3	35
20	A Near-Infrared Probe Tracks and Treats Lung Tumor Initiating Cells by Targeting HMOX2. Journal of the American Chemical Society, 2019, 141, 14673-14686.	13.7	35
21	Enzyme-activated near-infrared fluorogenic probe with high-efficiency intrahepatic targeting ability for visualization of drug-induced liver injury. Chemical Science, 2021, 12, 14855-14862.	7.4	35
22	Ferrocene-based imidazolium receptors for anions. Tetrahedron, 2008, 64, 6300-6306.	1.9	33
23	Seeing Elastin: A Near-Infrared Zwitterionic Fluorescent Probe for InÂVivo Elastin Imaging. CheM, 2018, 4, 1128-1138.	11.7	28
24	Peptide and protein modified metal clusters for cancer diagnostics. Chemical Science, 2020, 11, 5614-5629.	7.4	28
25	A unique off-on near-infrared QCy7-derived probe for selective detection and imaging of hydrogen sulfide in cells and inÂvivo. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117635.	3.9	23
26	A new approach for turn-on fluorescence sensing of l-DOPA. Chemical Communications, 2017, 53, 12465-12468.	4.1	21
27	Target identification of a macrocyclic hexaoxazole G-quadruplex ligand using post-target-binding visualization. Chemical Communications, 2020, 56, 12905-12908.	4.1	17
28	Synthesis and Systematic Evaluation of Dark Resonance Energy Transfer (DRET)â€Based Library and Its Application in Cell Imaging. Chemistry - an Asian Journal, 2015, 10, 581-585.	3.3	16
29	An ESIPTâ€Based Ratiometric Fluorescent Probe for Highly Sensitive and Rapid Detection of Sulfite in Living Cells. ChemistryOpen, 2019, 8, 1251-1257.	1.9	13
30	Activatable imaging probes for cancer-linked NAD(P)H:quinone oxidoreductase-1 (NQO1): Advances and future prospects. TrAC - Trends in Analytical Chemistry, 2020, 133, 116112.	11.4	13
31	A flexible paper-based chemosensor for colorimetric and ratiometric fluorescence detection of toxic oxalyl chloride. Sensors and Actuators B: Chemical, 2020, 319, 128289.	7.8	12
32	Cell membranes targeted unimolecular prodrug for programmatic photodynamic-chemo therapy. Theranostics, 2021, 11, 3502-3511.	10.0	12
33	Activatable fluorogenic probe for accurate imaging of ulcerative colitis hypoxia in vivo. Chemical Communications, 2022, 58, 819-822.	4.1	12
34	Chemiluminescent Probes Based on 1,2â€Dioxetane Structures For Bioimaging. Chemistry - an Asian Journal, 2022, 17, .	3.3	12
35	Activatable Offâ€on Nearâ€Infrared QCy7â€based Fluorogenic Probes for Bioimaging. Chemistry - an Asian Journal, 2020, 15, 3983-3994.	3.3	11
36	A high-performance enzyme-activated near-infrared probe for the sensing and tracking of tumor-related NQO1 in cells and in vivo. Sensors and Actuators B: Chemical, 2022, 354, 131129.	7.8	9

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37	A highly selective fluorescent probe for direct detection and isolation of mouse embryonic stem cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4862-4865.	2.2	8
38	Inherently PET/CT Dual Modality Imaging Lipid Nanocapsules for Early Detection of Orthotopic Lung Tumors. ACS Applied Bio Materials, 2020, 3, 611-621.	4.6	7
39	Bioorthogonal chemistry in metal clusters: a general strategy for the construction of multifunctional probes for bioimaging in living cells and in vivo. Journal of Materials Chemistry B, 2021, 9, 6614-6622.	5.8	7
40	64Cu radiolabeled nanomaterials for positron emission tomography (PET) imaging. Chinese Chemical Letters, 2022, 33, 3349-3360.	9.0	7
41	A portable colorimetric and fluorescent sensor for the fast visual detection of phosgene. Dyes and Pigments, 2022, 198, 110009.	3.7	6
42	Noble-metal nanocluster as enzyme-mimetic catalyst for diagnostic analysis. Science China Technological Sciences, 2019, 62, 2306-2309.	4.0	4
43	Diversity-Oriented Fluorescence Library Approach (DOFLA) for Discovery of Cell-Permeable Probes for Applications in Live Cell Imaging. Methods in Pharmacology and Toxicology, 2021, , 179-197.	0.2	0