

Bao-xing Shen

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

962
citations

471509

17
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting the insoluble protein aggregates in live cells using an AIE derivative of fluorescent protein chromophore. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131098.	7.8	16
2	Fabrication of a zeolite imidazole framework-8-based red emitting nanocomposite for sensitive detection of nitro reductase. <i>Dyes and Pigments</i> , 2022, 202, 110220.	3.7	6
3	Recent developments on nanomaterial probes for detection of pesticide residues: A review. <i>Analytica Chimica Acta</i> , 2022, 1215, 339974.	5.4	17
4	A chemical biology toolbox to overcome the hypoxic tumor microenvironment for photodynamic therapy: a review. <i>Biomaterials Science</i> , 2022, 10, 4681-4693.	5.4	13
5	Fluorogenic toolbox for facile detecting of hydroxyl radicals: From designing principles to diagnostics applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 157, 116734.	11.4	15
6	Construction of a red emission fluorescent protein chromophore-based probe for detection of carboxylesterase 1 and carbamate pesticide in culture cells. <i>Talanta</i> , 2021, 223, 121744.	5.5	20
7	Lysosome targeting metal-organic framework probe LysFP@ZIF-8 for highly sensitive quantification of carboxylesterase 1 and organophosphates in living cells. <i>Journal of Hazardous Materials</i> , 2021, 407, 124342.	12.4	24
8	Detection of Carboxylesterase 1 and Chlorpyrifos with ZIF-8 Metal-Organic Frameworks Using a Red Emission BODIPY-Based Probe. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8718-8726.	8.0	32
9	Recent advances on the one-pot synthesis to assemble size-controlled glycans and glycoconjugates and polysaccharides. <i>Carbohydrate Polymers</i> , 2021, 258, 117672.	10.2	8
10	Quantitative determination of protamine using a fluorescent protein chromophore-based AIE probe. <i>Tetrahedron</i> , 2021, 90, 132218.	1.9	9
11	Detection of protamine and heparin using a promising metal organic frameworks based fluorescent molecular device BZA-BOD@ZIF-90. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 130006.	7.8	19
12	Detection of carboxylesterase 1 and carbamates with a novel fluorescent protein chromophore based probe. <i>Dyes and Pigments</i> , 2021, 192, 109444.	3.7	16
13	Sensitive Detection of Protamine Based on a Yellow Emission Fluorophore. <i>ChemistrySelect</i> , 2021, 6, 9311-9316.	1.5	4
14	A red emission multiple detection site probe for detecting carboxylesterase 1 based on BODIPY fluorophore. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 421, 113516.	3.9	6
15	A lysosome targeting probe based on fluorescent protein chromophore for selectively detecting GSH and Cys in living cells. <i>Talanta</i> , 2020, 208, 120461.	5.5	25
16	Construction of a red emission BODIPY-based probe for tracing lysosomal viscosity changes in culture cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127271.	7.8	47
17	A near infrared BODIPY-based lysosome targeting probe for selectively detection of carboxylesterase 1 in living cells pretreated with pesticides. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128798.	7.8	19
18	A minireview of viscosity-sensitive fluorescent probes: design and biological applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9642-9651.	5.8	117

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19	A Minireview of Recent Reported Carboxylesterase Fluorescent Probes: Design and Biological Applications. <i>ChemistrySelect</i> , 2020, 5, 11185-11196.	1.5	17
20	Recent development of synthetic probes for detection of hypochlorous acid/hypochlorite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118545.	3.9	82
21	Recent progress in the development of fluorescent probes for detection of biothiols. <i>Dyes and Pigments</i> , 2020, 177, 108321.	3.7	130
22	A novel carbazolyl GFP chromophore analogue: synthesis strategy and acidic pH-activatable lysosomal probe for tracing endogenous viscosity changes. <i>New Journal of Chemistry</i> , 2020, 44, 8823-8832.	2.8	21
23	¹ H NMR analysis of perdeutero <i>N</i> -sulfoheparosan C5-epimerization: a direct way to measure the activity of immobilized C5-epimerase. <i>Journal of Carbohydrate Chemistry</i> , 2020, 39, 437-449.	1.1	1
24	Red emission cysteine probe with high selectivity based on fluorescent protein chromophores and turn-on fluorescence in cell cultures. <i>Dyes and Pigments</i> , 2019, 166, 350-356.	3.7	15
25	Synthesis of a BODIPY disulfonate near-infrared fluorescence-enhanced probe with high selectivity to endogenous glutathione and two-photon fluorescent turn-on through thiol-induced S _N Ar substitution. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3023-3029.	5.8	28
26	Building Rhodamine-BODIPY fluorescent platform using Click reaction: Naked-eye visible and multi-channel chemodosimeter for detection of Fe ³⁺ and Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 666-675.	7.8	57
27	Near-Infrared Two-Photon Fluorescent Chemodosimeter Based on Rhodamine-BODIPY for Mercury Ion Fluorescence Imaging in Living Cells. <i>ChemistrySelect</i> , 2017, 2, 9970-9976.	1.5	13
28	Near-infrared BODIPY-based two-photon ClO [•] probe based on thiosemicarbazide desulfurization reaction: naked-eye detection and mitochondrial imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5854-5861.	5.8	79
29	Click synthesis, Hg ²⁺ sensor and Intramolecular fluorescence resonance energy transfer in novel BODIPY dendrons. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 226-234.	7.8	48
30	A novel triphenylamine-BODIPY dendron: click synthesis, near-infrared emission and a multi-channel chemodosimeter for Hg ²⁺ and Fe ³⁺ . <i>Journal of Materials Chemistry B</i> , 2016, 4, 7549-7559.	5.8	49
31	A Novel Fluorescent Dye Naphthalene Imide-Fluorine Boron Two Pyrrole: Synthesis, Fluorescence Resonance Energy Transfer and Cell Imaging. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 774.	1.3	9