

# Guang-Ming Bao

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

890  
citations

393982

19  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	A distinctive near-infrared fluorescence turn-on probe for rapid, sensitive and chromogenic detection of sulfite in food. <i>Dyes and Pigments</i> , 2019, 162, 459-465.	2.0	111
2	High-performance near-infrared fluorescence probe for fast and specific visualization of harmful sulfite in food, living cells, and zebrafish. <i>Chemical Engineering Journal</i> , 2022, 427, 131563.	6.6	102
3	A distinctive mitochondrion-targeting, <i>in situ</i> -activatable near-infrared fluorescent probe for visualizing sulfur dioxide derivatives and their fluctuations <i>in vivo</i> . <i>Journal of Materials Chemistry B</i> , 2020, 8, 1914-1921.	2.9	64
4	Synthesis of a Sialic Acid Containing Complex-type N-Glycan on a Solid Support. <i>Chemistry - an Asian Journal</i> , 2009, 4, 574-580.	1.7	47
5	Highly sensitive and rapid detection of thiabendazole residues in oranges based on a luminescent Tb <sup>3+</sup> -functionalized MOF. <i>Food Chemistry</i> , 2021, 343, 128504.	4.2	47
6	A portable chromogenic and fluorogenic membrane sensor for ultrasensitive, specific and instantaneous visualizing of lethal phosgene. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24695-24702.	5.2	46
7	A new fluorescent chemodosimeter for ultra-sensitive determination of toxic thiophenols in environmental water samples and cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 21-29.	4.0	45
8	A mitochondria-targeted near-infrared probe for colorimetric and ratiometric fluorescence detection of hypochlorite in living cells. <i>RSC Advances</i> , 2016, 6, 107525-107532.	1.7	38
9	A single fluorescent chemosensor for discriminative detection of bisulfite and benzoyl peroxide in food with different emission. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126994.	4.0	36
10	A rhodamine-based fluorescent probe for colorimetric and fluorescence lighting-up determination of toxic thiophenols in environmental water and living cells. <i>Talanta</i> , 2018, 181, 239-247.	2.9	35
11	A smart fluorescent probe for simultaneous detection of GSH and Cys in human plasma and cells. <i>RSC Advances</i> , 2015, 5, 97781-97787.	1.7	32
12	Highly sensitive and rapid responsive fluorescence probe for determination of formaldehyde in seafood and <i>in vivo</i> imaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117789.	2.0	31
13	Highly selective detection of Cu <sup>2+</sup> in aqueous media based on Tb <sup>3+</sup> -functionalized metal-organic framework. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118621.	2.0	31
14	A colorimetric and fluorescence lighting-up probe for the determination of biogenic primary diamine during the spoilage of fish. <i>Dyes and Pigments</i> , 2021, 186, 108963.	2.0	31
15	Fast and visual detection of a chemical warfare agent mimic using a simple, effective and portable chemodosimeter. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128282.	4.0	29
16	Recyclable europium functionalized metal-organic fluorescent probe for detection of tryptophan in biological fluids and food products. <i>Analytica Chimica Acta</i> , 2021, 1180, 338897.	2.6	27
17	A selective cascade reaction-based probe for colorimetric and ratiometric fluorescence detection of benzoyl peroxide in food and living cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5775-5781.	2.9	26
18	Highly selective and sensitive fluorescent biosensor for the detection of serotonin and its metabolite by Eu <sup>3+</sup> -Doped Metal-Organic framework. <i>Chemical Engineering Journal</i> , 2022, 442, 136272.	6.6	23

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19	A luminescent Eu <sup>3+</sup> -functionalized MOF for sensitive and rapid detection of tetracycline antibiotics in swine wastewater and pig kidney. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 277, 121252.	2.0	21
20	Branched Sialylated &N-glycans Are Accumulated in Brain Synaptosomes and Interact with Siglec-H. <i>Cell Structure and Function</i> , 2018, 43, 141-152.	0.5	13
21	A dual-analytes responsive fluorescent probe for discriminative detection of ClO <sup>-</sup> and N <sub>2</sub> H <sub>4</sub> in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118953.	2.0	13
22	A flexible paper-based chemosensor for colorimetric and ratiometric fluorescence detection of toxic oxalyl chloride. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128289.	4.0	12
23	Taste masking of a drug by pH-responsive coordination polymer-coated mesoporous silica nanoparticles. <i>RSC Advances</i> , 2016, 6, 109453-109459.	1.7	9
24	Probe design and synthesis of Gal <sup>1</sup> (1→3)[NeuAc <sup>1</sup> (2→6)]GlcNAc <sup>1</sup> (1→2)Man motif of N-glycan. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3760-3766.	1.4	8
25	A portable colorimetric and fluorescent sensor for the fast visual detection of phosgene. <i>Dyes and Pigments</i> , 2022, 198, 110009.	2.0	6
26	A dual-channel fluorescent probe for the detection and discrimination of Fe <sup>3+</sup> and Hg <sup>2+</sup> in piggery feed and swine wastewater. <i>Analytical Methods</i> , 2022, 14, 2318-2328.	1.3	6
27	Crystal structure of diaquabis(phenoxyacetato- $\eta^2$ O,O $\eta^2$ )-zinc(II), C <sub>16</sub> H <sub>18</sub> O <sub>8</sub> Zn. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 139-140.	0.1	1