

Tianyi Qin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

695
citations

516710

16
h-index

552781

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27
all docs

27
docs citations

27
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclization of chalcone enables ratiometric fluorescence determination of hydrazine with a high selectivity. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 229-236.	7.8	70
2	Fluorescent probes with multiple channels for simultaneous detection of Cys, Hcy, GSH, and H ₂ S. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115672.	11.4	65
3	Flavonol-based small-molecule fluorescent probes. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129718.	7.8	57
4	A novel red-emissive probe for colorimetric and ratiometric detection of hydrazine and its application in plant imaging. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127640.	7.8	54
5	Organic fluorescent thermometers: Highlights from 2013 to 2017. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 259-271.	11.4	53
6	pH-Activatable Organic Nanoparticles for Efficient Low-Temperature Photothermal Therapy of Ocular Bacterial Infection. <i>ACS Nano</i> , 2022, 16, 11136-11151.	14.6	47
7	A flavonoid-based fluorescent probe enables the accurate quantification of human serum albumin by minimizing the interference from blood lipids. <i>Chemical Communications</i> , 2019, 55, 13983-13986.	4.1	46
8	Ratiometric fluorescent monitoring of methanol in biodiesel by using an ESIPT-based flavonoid probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 484-491.	7.8	35
9	A DS2-specific flavonoid-based probe with a unique dual-emissive response to human serum albumin. <i>Chemical Communications</i> , 2020, 56, 11094-11097.	4.1	33
10	A novel fluorescent turn-on probe for highly selective detection of nitroreductase in tumor cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 397-403.	7.8	31
11	A flavonoid-based fluorescent test strip for sensitive and selective detection of a gaseous nerve agent simulant. <i>Analytica Chimica Acta</i> , 2019, 1076, 125-130.	5.4	28
12	An anti-interference fluorescent probe for point-of-care diagnosis of albuminuria. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130980.	7.8	28
13	Fluorescence discrimination of HSA from BSA: A close look at the albumin-induced restricted intramolecular rotation of flavonoid probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120306.	3.9	22
14	Donor engineering on flavonoid-based probes to enhance the fluorescence brightness in water: Design, characterization, photophysical properties, and application for cysteine detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130367.	7.8	21
15	General Method for Pesticide Recognition Using Albumin-Based Host-Guest Ensembles. <i>ACS Sensors</i> , 2022, 7, 2020-2027.	7.8	18
16	Dendritic Ionic Liquids Based on Imidazolium-Modified Poly(aryl ether) Dendrimers. <i>Chemistry - an Asian Journal</i> , 2014, 9, 3641-3649.	3.3	17
17	Solvatochromic flavonoid dyes with enlarged transition dipole moments enable the ratiometric detection of methanol in commercial biodiesel with improved sensitivities. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16808-16814.	5.5	17
18	A fluorescent probe with dual acrylate sites for discrimination of different concentration ranges of cysteine in living cells. <i>Analytica Chimica Acta</i> , 2021, 1176, 338763.	5.4	13

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19	A novel protein-based supramolecular recognition approach for ratiometric fluorescence detection of fipronil. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132358.	7.8	10
20	Fluorescence Determination of Ethanol-Gasoline Blends without the Aid of Excitation-Emission Matrix Fluorescence. <i>Chemistry Letters</i> , 2019, 48, 1383-1386.	1.3	7
21	Rapid and ratiometric fluorescent detection of phosgene by a red-emissive ESIPT-based-benzoquinolone probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 281, 121619.	3.9	5
22	Modulating donor of dicyanoisophorone-based fluorophores to detect human serum albumin with NIR fluorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120666.	3.9	4
23	An AIE-based Fluorescent Probe for Detection of Picric Acid in Water. <i>Chemistry Letters</i> , 2021, 50, 103-105.	1.3	3
24	Progress in Organic Fluorescent Thermometers. <i>Acta Chimica Sinica</i> , 2017, 75, 1164.	1.4	3
25	A near-infrared dicyanoisophorone-based fluorescent probe for discriminating HSA from BSA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121081.	3.9	3
26	A surfactant-assisted approach enables the fluorescence tracking of benfluralin in plants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 280, 121517.	3.9	3
27	Pyrenyl Peripheral-Decorated Polyamidoamine Dendrimer for Fluorescent Temperature Detection in Aqueous Phase. <i>Acta Chimica Sinica</i> , 2017, 75, 99.	1.4	2