

Meiqing Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

684
citations

516215

16
h-index

610482

24
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times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Biointeractions of Herbicide Atrazine with Human Serum Albumin: UV-Vis, Fluorescence and Circular Dichroism Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 116.	1.2	70
2	An ICT-based fluorescent probe with a large Stokes shift for measuring hydrazine in biological and water samples. <i>Environmental Pollution</i> , 2020, 256, 113427.	3.7	67
3	Hydrazine exposure: A near-infrared ICT-based fluorescent probe and its application in bioimaging and sewage analysis. <i>Science of the Total Environment</i> , 2021, 759, 143102.	3.9	48
4	A novel and simple imidazo[1,2-a]pyridin fluorescent probe for the sensitive and selective imaging of cysteine in living cells and zebrafish. <i>Analytica Chimica Acta</i> , 2019, 1058, 155-165.	2.6	44
5	Multi-spectroscopic measurements, molecular modeling and density functional theory calculations for interactions of 2,7-dibromocarbazole and 3,6-dibromocarbazole with serum albumin. <i>Science of the Total Environment</i> , 2019, 686, 1039-1048.	3.9	42
6	A Simple and Rapid Turn On ESIPT Fluorescent Probe for Colorimetric and Ratiometric Detection of Biothiols in Living Cells. <i>Scientific Reports</i> , 2017, 7, 4377.	1.6	41
7	A novel near-infrared fluorimetric method for point-of-care monitoring of Fe ²⁺ and its application in bioimaging. <i>Journal of Hazardous Materials</i> , 2021, 406, 124767.	6.5	41
8	Comparative studies on biophysical interactions between gambogic acid and serum albumin via multispectroscopic approaches and molecular docking. <i>Journal of Luminescence</i> , 2019, 205, 210-218.	1.5	37
9	Interactions between tetrahydroisoindoline-1,3-dione derivatives and human serum albumin via multiple spectroscopy techniques. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17735-17748.	2.7	35
10	A colorimetric and ratiometric dual-site fluorescent probe with 2,4-dinitrobenzenesulfonyl and aldehyde groups for imaging of aminothiols in living cells and zebrafish. <i>Dyes and Pigments</i> , 2018, 156, 338-347.	2.0	32
11	A ratiometric fluorescence probe with large stokes based on excited-stated intramolecular proton transfer (ESIPT) for rapid detection and imaging of biothiols in human liver cancer HepG2 cells and zebrafish. <i>Journal of Molecular Liquids</i> , 2019, 287, 111016.	2.3	24
12	A Simple and Effective Ratiometric Fluorescent Probe for the Selective Detection of Cysteine and Homocysteine in Aqueous Media. <i>Molecules</i> , 2016, 21, 1023.	1.7	22
13	An ICT-based ratiometric fluorescent probe for cysteine and its application in biological issues. <i>Journal of Molecular Liquids</i> , 2019, 296, 111832.	2.3	22
14	Uptake, distribution and translocation of imidacloprid-loaded fluorescence double hollow shell mesoporous silica nanoparticles and metabolism of imidacloprid in pakchoi. <i>Science of the Total Environment</i> , 2021, 787, 147578.	3.9	22
15	Interactions between Imidacloprid and Thiamethoxam and Dissolved Organic Matter Characterized by Two-Dimensional Correlation Spectroscopy Analysis, Molecular Modeling, and Density Functional Theory Calculations. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2329-2339.	2.4	20
16	Biophysical characterization of interactions between falcariinol-type polyacetylenes and human serum albumin via multispectroscopy and molecular docking techniques. <i>Journal of Luminescence</i> , 2018, 200, 111-119.	1.5	19
17	A novel and effective benzo[<i>d</i>]thiazole-based fluorescent probe with dual recognition factors for highly sensitive and selective imaging of cysteine <i>in vitro</i> and <i>in vivo</i> . <i>New Journal of Chemistry</i> , 2019, 43, 13463-13470.	1.4	18
18	Comparative Studies of Interactions between Fluorodihydroquinazolin Derivatives and Human Serum Albumin with Fluorescence Spectroscopy. <i>Molecules</i> , 2016, 21, 1373.	1.7	16

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19	A novel pyrene-based fluorescent probe for the rapid and efficient detection of Co ²⁺ in HeLa cells and natural water samples. <i>Journal of Molecular Liquids</i> , 2020, 303, 112680.	2.3	16
20	Uptake, translocation and metabolism of imidacloprid loaded within fluorescent mesoporous silica nanoparticles in tomato (<i>Solanum lycopersicum</i>). <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113243.	2.9	16
21	New insights into the interactions between humic acid and three neonicotinoid pesticides, with multiple spectroscopy technologies, two-dimensional correlation spectroscopy analysis and density functional theory. <i>Science of the Total Environment</i> , 2021, 798, 149237.	3.9	11
22	A novel ESIPT-based fluorescent probe with dual recognition sites for the detection of hydrazine in the environmental water samples and in-vivo bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 280, 121499.	2.0	10
23	Comparative Interactions of Dihydroquinazolin Derivatives with Human Serum Albumin Observed via Multiple Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 200.	1.3	8
24	An ICT-Based Coumarin Fluorescent Probe for the Detection of Hydrazine and Its Application in Environmental Water Samples and Organisms. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
25	Effects of plant morphology, vitamin C, and other co-present pesticides on the deposition, dissipation, and metabolism of chlorothalonil in pakchoi. <i>Environmental Science and Pollution Research</i> , 2022, 29, 84762-84772.	2.7	1