

Hui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

552
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	A mitochondrial targeted two-photon iridium(III) phosphorescent probe for selective detection of hypochlorite in live cells and in vivo. <i>Biomaterials</i> , 2015, 53, 285-295.	11.4	117
2	Two-Photon-Active Organotin(IV) Complexes for Antibacterial Function and Superresolution Bacteria Imaging. <i>Inorganic Chemistry</i> , 2018, 57, 6340-6348.	4.0	43
3	Two-Photon Active Organotin(IV) Carboxylate Complexes for Visualization of Anticancer Action. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 836-842.	5.2	40
4	Design of turn-on fluorescent probe for effective detection of Hg ²⁺ by combination of AIEE-active fluorophore and binding site. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 730-739.	7.8	36
5	A reversible two-photon fluorescence probe for Cu(II) based on Schiff-base in HEPES buffer and in vivo imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 993-1000.	7.8	36
6	A benzoic acid terpyridine-based cyclometalated iridium(III) complex as a two-photon fluorescence probe for imaging nuclear histidine. <i>Chemical Communications</i> , 2018, 54, 3771-3774.	4.1	32
7	Highly Hydrophilic, Two-photon Fluorescent Terpyridine Derivatives Containing Quaternary Ammonium for Specific Recognizing Ribosome RNA in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31424-31432.	8.0	31
8	A two-photon fluorescent RNA probe screened from a series of oxime-functionalized 2,2',6',6'-tetra(2-terpyridine) ZnX ₂ (X = Cl, Br, I) complexes. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4818-4825.	6.4	25
9	A red-emissive mitochondrial probe for imaging of the viscosity in living cells. <i>New Journal of Chemistry</i> , 2019, 43, 8811-8815.	2.8	23
10	Mitochondria-targeted iridium (III) complexes as two-photon fluorogenic probes of cysteine/homocysteine. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 408-415.	7.8	22
11	A series of two-photon absorption organotin (IV) cyano carboxylate derivatives for targeting nuclear and visualization of anticancer activities. <i>Journal of Inorganic Biochemistry</i> , 2019, 192, 1-6.	3.5	22
12	A reversible and highly selective two-photon fluorescent probe for biological Cu ²⁺ detection. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2264-2268.	2.8	21
13	Tunable two-photon absorption near-infrared materials containing different electron-donors and a Ir-bridge center with applications in bioimaging in live cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5580-5588.	5.5	19
14	Synthesis, crystal structures and two-photon absorption properties of triphenylamine cyanoacetic acid derivative and its organooxotin complexes. <i>Dalton Transactions</i> , 2015, 44, 701-709.	3.3	19
15	NIR-region two-photon fluorescent probes for Fe ³⁺ /Cu ²⁺ ions based on pyrimidine derivatives with different flexible chain. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 574-578.	7.8	17
16	A small-molecule with large two-photon action cross-section serves as the membrane-permeable probe for live cells imaging and bacteria viability. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1082-1089.	7.8	16
17	Multiphoton Absorption Iridium(III)-Organotin(IV) Dimetal Complex with AIE Behavior for Both Sensitive Detection of Tyrosine and Antibacterial Activity. <i>ACS Applied Bio Materials</i> , 2020, 3, 8105-8112.	4.6	14
18	Small-molecule fluorescent dyes based on benzothiazole derivatives for targeting endoplasmic reticulum and tissue imaging. <i>Tetrahedron Letters</i> , 2020, 61, 151703.	1.4	7

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19	A fluorescent probe based on Ir(III) solvent complex for specific recognition of histidine in aqueous solution and the application in cell imaging. <i>Inorganica Chimica Acta</i> , 2020, 511, 119799.	2.4	4
20	A red-emitting fluorescent probe for visualizing mitochondrial microviscosity by cell imaging. <i>Chemical Papers</i> , 2021, 75, 2517-2523.	2.2	3
21	A polarity-sensitive fluorescent probe based on a difluoroboron derivative for monitoring the variation of lipid droplets. <i>New Journal of Chemistry</i> , 2021, 45, 21553-21556.	2.8	3
22	A mitochondria-targeted probe containing multi-rotors for visualizing the viscosity change in living cells. <i>Australian Journal of Chemistry</i> , 2022, 75, 381-386.	0.9	2