Hongping Zhou

List of Publications by Year
in descending order

37 papers	1,171 citations	430874 18 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	1694 citing authors

#	Article	IF	Citations
1	Aggregation-Induced Fluorescence Behavior of Triphenylamine-Based Schiff Bases: The Combined Effect of Multiple Forces. Journal of Organic Chemistry, 2013, 78, 10344-10359.	3.2	137
2	Coumarin-Based Fluorescent Probes for Super-resolution and Dynamic Tracking of Lipid Droplets. Analytical Chemistry, 2019, 91, 977-982.	6.5	102
3	A Sulfur-Terminal Zn(II) Complex and Its Two-Photon Microscopy Biological Imaging Application. Journal of the American Chemical Society, 2009, 131, 5208-5213.	13.7	95
4	Localization matters: a nuclear targeting two-photon absorption iridium complex in photodynamic therapy. Chemical Communications, 2017, 53, 3303-3306.	4.1	77
5	Difunctional chemosensor for Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>) based on Schiff base modified anthryl derivative with aggregation-induced emission enhancement and piezochromic characteristics. Journal of Materials Chemistry C, 2015, 3, 1994-2002.	5.5	68
6	Assembly, Two-Photon Absorption, and Bioimaging of Living Cells of A Cuprous Cluster. Chemistry of Materials, 2012, 24, 954-961.	6.7	65
7	Facile Synthesis and Systematic Investigations of a Series of Novel Bentâ€Shaped Twoâ€Photon Absorption Chromophores Based on Pyrimidine. Chemistry - an Asian Journal, 2009, 4, 668-680.	3.3	64
8	A series of triphenylamine-based two-photon absorbing materials with AIE property for biological imaging. Journal of Materials Chemistry B, 2014, 2, 5430-5440.	5.8	60
9	Schiff base particles with aggregation-induced enhanced emission: random aggregation preventing Ï€â€“Ï€ stacking. Journal of Materials Chemistry C, 2013, 1, 6952.	5.5	59
10	New diaminomaleonitrile derivatives containing aza-crown ether: Selective, sensitive and colorimetric chemosensors for Cu(II). Dyes and Pigments, 2013, 98, 1-10.	3.7	46
11	1, 3, 5-Triazine-cored derivatives dyes containing triphenylamine based two-photon absorption: Synthesis, optical characterization and bioimaging. Dyes and Pigments, 2012, 94, 570-582.	3.7	38
12	A benzoic acid terpyridine-based cyclometalated iridium(<scp>iii</scp>) complex as a two-photon fluorescence probe for imaging nuclear histidine. Chemical Communications, 2018, 54, 3771-3774.	4.1	32
13	Two-photon absorption enhancement induced by aggregation with accurate photophysical data: spontaneous accumulation of dye in silica nanoparticles. Chemical Communications, 2010, 46, 1673.	4.1	30
14	A conveniently prepared and hypersensitized small molecular fluorescent probe: Rapidly detecting free zinc ion in HepG2 cells and Arabidopsis. Biosensors and Bioelectronics, 2016, 86, 393-397.	10.1	29
15	A reversible and highly selective fluorescence â€œon-off-onâ€•probe for detecting nickel ion in the mitochondria of living cells. Biosensors and Bioelectronics, 2016, 82, 93-98.	10.1	22
16	Mitochondria-targeted iridium (III) complexes as two-photon fluorogenic probes of cysteine/homocysteine. Sensors and Actuators B: Chemical, 2018, 255, 408-415.	7.8	22
17	Rationally designed two-photon absorption compounds based on benzoxazole derivatives: structureâ€“property relationships and bio-imaging applications. Journal of Materials Chemistry B, 2016, 4, 2785-2793.	5.8	19
18	Real-time detection and imaging of copper(<scp>ii</scp>) in cellular mitochondria. Organic and Biomolecular Chemistry, 2017, 15, 598-604.	2.8	18

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19	Intermolecular interactions boost aggregation induced emission in carbazole Schiff base derivatives. Organic and Biomolecular Chemistry, 2017, 15, 256-264.	2.8	18
20	Nonlinear optical response and two-photon biological applications of a new family of imidazole-pyrimidine derivatives. Dyes and Pigments, 2016, 126, 286-295.	3.7	17
21	Crystal structures, photophysical properties and significantly different two-photon excited fluorescence of the trans- and cis-oligo(phenylene vinylene). RSC Advances, 2014, 4, 2620-2623.	3.6	14
22	Water-soluble two-photon absorption benzoxazole-based pyridinium salts with the planar cationic parts: crystal structures and bio-imaging. Dyes and Pigments, 2017, 147, 378-384.	3.7	14
23	Multiphoton Absorption Iridium(III)â€“Organotin(IV) Dimetal Complex with AIE Behavior for Both Sensitive Detection of Tyrosine and Antibacterial Activity. ACS Applied Bio Materials, 2020, 3, 8105-8112.	4.6	14
24	Rational design of two-photon absorbing dicyanomethylene-4H-chromene derivatives and their application in bioimaging. Dyes and Pigments, 2018, 148, 429-436.	3.7	12
25	Mitochondrion-targeted two-photon probes: Real-time monitoring endogenous GSH via situ reaction in Hela cells. Dyes and Pigments, 2019, 161, 233-239.	3.7	12
26	Synthesis and two-photon absorption properties of multi-branched styryl derivatives containing Ï€-bond and Ïƒ-electron pair as bridge based on 1,3,5-triazine. Tetrahedron, 2012, 68, 6569-6574.	1.9	11
27	A novel flurophore-cyano-carboxylic-Ag microhybrid: Enhanced two photon absorption for two-photon photothermal therapy of HeLa cancer cells by targeting mitochondria. Biosensors and Bioelectronics, 2018, 108, 14-19.	10.1	11
28	Palladium-Catalyzed Oxidative Heck Coupling of Vinyl Pyridines with Aryl Boronic Acids. Synlett, 2015, 26, 791-796.	1.8	10
29	Small water-soluble pyrimidine hexafluorophosphate derivatives with high two-photon absorption activities in the near-IR region and their biological applications. RSC Advances, 2017, 7, 20068-20075.	3.6	9
30	A specific HeLa cell-labelled and lysosome-targeted upconversion fluorescent probe: PEG-modified Sr₂YbF₇:Tm³⁺. Nanoscale, 2017, 9, 18861-18866.	5.6	8
31	Small molecules based Benzothiazole-pyridinium salts with different anions: Two-photon fluorescence regulation and difference in cell imaging application. Dyes and Pigments, 2021, 194, 109639.	3.7	8
32	Exploration research on synthesis and application of a new dye containing di-2-picolyamine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 256-261.	3.9	7
33	Coordination coupling enhanced two-photon absorption of a ZnS-based microhybrid for two-photon microscopy imaging in HepG2. Nanoscale, 2017, 9, 7901-7910.	5.6	6
34	Fluorescent probes for detecting glutathione: Bio-imaging and two reaction mechanisms. Dyes and Pigments, 2019, 163, 441-446.	3.7	6
35	Three new water-soluble fluorescent organic nanoparticles with embedded structure: Structure-activity relationship and two-photon bio-imaging application. Dyes and Pigments, 2018, 150, 27-35.	3.7	4
36	Exploration the effect of structural adjustment on identifying medium and bio-targeting based on two similar coumarin compounds. Sensors and Actuators B: Chemical, 2018, 272, 574-581.	7.8	4

#	Article	IF	Citations
37	Application and recognition behaviors of TPA-cored probes with subtle structural change. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 390-396.	3.9	2