

# Hongping Zhou

## List of Publications by Year in descending order

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37  
papers

1,171  
citations

430874

18  
h-index

377865

34  
g-index

38  
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38  
docs citations

38  
times ranked

1694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small molecules based Benzothiazole-pyridinium salts with different anions: Two-photon fluorescence regulation and difference in cell imaging application. <i>Dyes and Pigments</i> , 2021, 194, 109639.	3.7	8
2	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
3	Fluorescent probes for detecting glutathione: Bio-imaging and two reaction mechanisms. <i>Dyes and Pigments</i> , 2019, 163, 441-446.	3.7	6
4	Coumarin-Based Fluorescent Probes for Super-resolution and Dynamic Tracking of Lipid Droplets. <i>Analytical Chemistry</i> , 2019, 91, 977-982.	6.5	102
5	Mitochondrion-targeted two-photon probes: Real-time monitoring endogenous GSH via situ reaction in HeLa cells. <i>Dyes and Pigments</i> , 2019, 161, 233-239.	3.7	12
6	A novel fluorophore-cyano-carboxylic-Ag microhybrid: Enhanced two photon absorption for two-photon photothermal therapy of HeLa cancer cells by targeting mitochondria. <i>Biosensors and Bioelectronics</i> , 2018, 108, 14-19.	10.1	11
7	Exploration research on synthesis and application of a new dye containing di-2-picolyamine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 256-261.	3.9	7
8	A benzoic acid terpyridine-based cyclometalated iridium( <sup>III</sup> ) complex as a two-photon fluorescence probe for imaging nuclear histidine. <i>Chemical Communications</i> , 2018, 54, 3771-3774.	4.1	32
9	Rational design of two-photon absorbing dicyanomethylene-4H-chromene derivatives and their application in bioimaging. <i>Dyes and Pigments</i> , 2018, 148, 429-436.	3.7	12
10	Three new water-soluble fluorescent organic nanoparticles with embedded structure: Structure-activity relationship and two-photon bio-imaging application. <i>Dyes and Pigments</i> , 2018, 150, 27-35.	3.7	4
11	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
12	Exploration the effect of structural adjustment on identifying medium and bio-targeting based on two similar coumarin compounds. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 574-581.	7.8	4
13	Localization matters: a nuclear targeting two-photon absorption iridium complex in photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 3303-3306.	4.1	77
14	Small water-soluble pyrimidine hexafluorophosphate derivatives with high two-photon absorption activities in the near-IR region and their biological applications. <i>RSC Advances</i> , 2017, 7, 20068-20075.	3.6	9
15	Coordination coupling enhanced two-photon absorption of a ZnS-based microhybrid for two-photon microscopy imaging in HepG2. <i>Nanoscale</i> , 2017, 9, 7901-7910.	5.6	6
16	Real-time detection and imaging of copper( <sup>II</sup> ) in cellular mitochondria. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 598-604.	2.8	18
17	Water-soluble two-photon absorption benzoxazole-based pyridinium salts with the planar cationic parts: crystal structures and bio-imaging. <i>Dyes and Pigments</i> , 2017, 147, 378-384.	3.7	14
18	A specific HeLa cell-labelled and lysosome-targeted upconversion fluorescent probe: PEG-modified Sr <sub>2</sub> YbF <sub>7</sub> :Tm <sup>3+</sup> . <i>Nanoscale</i> , 2017, 9, 18861-18866.	5.6	8

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19	Intermolecular interactions boost aggregation induced emission in carbazole Schiff base derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 256-264.	2.8	18
20	A conveniently prepared and hypersensitized small molecular fluorescent probe: Rapidly detecting free zinc ion in HepG2 cells and Arabidopsis. <i>Biosensors and Bioelectronics</i> , 2016, 86, 393-397.	10.1	29
21	Rationally designed two-photon absorption compounds based on benzoxazole derivatives: structure-property relationships and bio-imaging applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2785-2793.	5.8	19
22	Nonlinear optical response and two-photon biological applications of a new family of imidazole-pyrimidine derivatives. <i>Dyes and Pigments</i> , 2016, 126, 286-295.	3.7	17
23	A reversible and highly selective fluorescence "on-off-on" probe for detecting nickel ion in the mitochondria of living cells. <i>Biosensors and Bioelectronics</i> , 2016, 82, 93-98.	10.1	22
24	Application and recognition behaviors of TPA-cored probes with subtle structural change. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 390-396.	3.9	2
25	Palladium-Catalyzed Oxidative Heck Coupling of Vinyl Pyridines with Aryl Boronic Acids. <i>Synlett</i> , 2015, 26, 791-796.	1.8	10
26	Difunctional chemosensor for Cu(II) and Zn(II) based on Schiff base modified anthryl derivative with aggregation-induced emission enhancement and piezochromic characteristics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1994-2002.	5.5	68
27	Crystal structures, photophysical properties and significantly different two-photon excited fluorescence of the trans- and cis-oligo(phenylene vinylene). <i>RSC Advances</i> , 2014, 4, 2620-2623.	3.6	14
28	A series of triphenylamine-based two-photon absorbing materials with AIE property for biological imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5430-5440.	5.8	60
29	Schiff base particles with aggregation-induced enhanced emission: random aggregation preventing $\pi$ - $\pi$ stacking. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6952.	5.5	59
30	Aggregation-Induced Fluorescence Behavior of Triphenylamine-Based Schiff Bases: The Combined Effect of Multiple Forces. <i>Journal of Organic Chemistry</i> , 2013, 78, 10344-10359.	3.2	137
31	New diaminomaleonitrile derivatives containing aza-crown ether: Selective, sensitive and colorimetric chemosensors for Cu(II). <i>Dyes and Pigments</i> , 2013, 98, 1-10.	3.7	46
32	Assembly, Two-Photon Absorption, and Bioimaging of Living Cells of A Cuprous Cluster. <i>Chemistry of Materials</i> , 2012, 24, 954-961.	6.7	65
33	Synthesis and two-photon absorption properties of multi-branched styryl derivatives containing $\pi$ -bond and $f$ -electron pair as bridge based on 1,3,5-triazine. <i>Tetrahedron</i> , 2012, 68, 6569-6574.	1.9	11
34	1, 3, 5-Triazine-cored derivatives dyes containing triphenylamine based two-photon absorption: Synthesis, optical characterization and bioimaging. <i>Dyes and Pigments</i> , 2012, 94, 570-582.	3.7	38
35	Two-photon absorption enhancement induced by aggregation with accurate photophysical data: spontaneous accumulation of dye in silica nanoparticles. <i>Chemical Communications</i> , 2010, 46, 1673.	4.1	30
36	A Sulfur-Terminal Zn(II) Complex and Its Two-Photon Microscopy Biological Imaging Application. <i>Journal of the American Chemical Society</i> , 2009, 131, 5208-5213.	13.7	95

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37	Facile Synthesis and Systematic Investigations of a Series of Novel Bent- $\pi$ -Shaped Two-Photon Absorption Chromophores Based on Pyrimidine. Chemistry - an Asian Journal, 2009, 4, 668-680.	3.3	64