

Hong-Ping Zhou

List of Publications by Year in descending order

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167
papers

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#	ARTICLE	IF	CITATIONS
1	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
2	Coumarin-Based Fluorescent Probes for Super-resolution and Dynamic Tracking of Lipid Droplets. <i>Analytical Chemistry</i> , 2019, 91, 977-982.	6.5	102
3	Nucleic acid-selective light-up fluorescent biosensors for ratiometric two-photon imaging of the viscosity of live cells and tissues. <i>Chemical Science</i> , 2016, 7, 2257-2263.	7.4	96
4	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
5	Substituent Group Variations Directing the Molecular Packing, Electronic Structure, and Aggregation-Induced Emission Property of Isophorone Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 3222-3234.	3.2	86
6	Localization matters: a nuclear targeting two-photon absorption iridium complex in photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 3303-3306.	4.1	77
7	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
8	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
9	Synthesis, crystal structures and two-photon absorption properties of a series of terpyridine-based chromophores. <i>Dyes and Pigments</i> , 2012, 95, 149-160.	3.7	64
10	A NIR-I light-responsive superoxide radical generator with cancer cell membrane targeting ability for enhanced imaging-guided photodynamic therapy. <i>Chemical Science</i> , 2020, 11, 10279-10286.	7.4	63
11	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
12	Schiff base particles with aggregation-induced enhanced emission: random aggregation preventing π - π stacking. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6952.	5.5	59
13	Triphenylamine-based Schiff bases as the High sensitive Al ³⁺ or Zn ²⁺ fluorescence turn-on probe: Mechanism and application in vitro and in vivo. <i>Biosensors and Bioelectronics</i> , 2016, 77, 530-536.	10.1	57
14	Anion-Induced Assembly of Five-Coordinated Mercury(II) Complexes and Density Functional Theory Calculations to Study Bond Dissociation Energies of Long Hg-N Bonds. <i>Crystal Growth and Design</i> , 2010, 10, 1767-1776.	3.0	54
15	Aggregation-induced and crystallization-enhanced emissions with time-dependence of a new Schiff-base family based on benzimidazole. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3686-3694.	5.5	51
16	Investigations and facile synthesis of a series of novel multi-functional two-photon absorption materials. <i>Journal of Materials Chemistry</i> , 2007, 17, 3646.	6.7	50
17	Four new two-photon absorbing imidazo[4,5-f]1,10-phenanthroline dye derivatives with different dipole moment orientation based on different groups: synthesis, optical characterization and bioimaging. <i>Journal of Materials Chemistry C</i> , 2013, 1, 822-830.	5.5	50
18	Lighting the Way to See Inside Two-Photon Absorption Materials: Structure-Property Relationship and Biological Imaging. <i>Materials</i> , 2017, 10, 223.	2.9	50

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19	AIE-Based Theranostic Agent: In Situ Tracking Mitophagy Prior to Late Apoptosis To Guide the Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1988-1996.	8.0	49
20	Two-photon absorption dyes with thiophene as π -electron bridge: Synthesis, photophysical properties and optical data storage. <i>Dyes and Pigments</i> , 2012, 92, 633-641.	3.7	46
21	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
22	Synthesis, Crystal Structures and Photoluminescence of Mercury(II) Complexes with Two Homologous Novel Functional Rigid Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4976-4984.	2.0	45
23	Triphenylamine isophorone derivatives with two photon absorption: Photo-physical property, DFT study and bio-imaging. <i>Dyes and Pigments</i> , 2015, 120, 65-73.	3.7	42
24	A triphenylamine-isophorone-based π -conjugated fluorescent and colorimetric probe for Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 640-646.	7.8	40
25	A series of water-soluble π -conjugated indolium derivatives with two-photon properties for rapidly detecting HSO ₃ ⁻ /SO ₃ ²⁻ in living cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3862-3869.	5.8	40
26	Schiff base derivatives containing heterocycles with aggregation-induced emission and recognition ability. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2684-2691.	5.5	39
27	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
28	Diverse Structural Ag(I) Supramolecular Complexes Constructed from Multidentate Dicyanoisophorone-Based Ligands: Structures and Enhanced Luminescence. <i>Crystal Growth and Design</i> , 2013, 13, 1978-1987.	3.0	38
29	Synthesis, Crystal Structures, Photophysical Properties, and Bioimaging of Living Cells of Bis- β -Diketonate Phenothiazine Ligands and Its Cyclic Dinuclear Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 7997-8006.	4.0	36
30	Three new five-coordinated mercury (II) dyes: Structure and enhanced two-photon absorption. <i>Dyes and Pigments</i> , 2011, 91, 237-247.	3.7	34
31	Highly sensitive and selective colorimetric and fluorescent off-on probe for copper (II) based on unique addition reaction and its imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 710-715.	7.8	34
32	A series of Zn(II) terpyridine complexes with enhanced two-photon-excited fluorescence for in vitro and in vivo bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7213-7221.	5.8	34
33	Fluorescent metal-organic frameworks based on mixed organic ligands: new candidates for highly sensitive detection of TNP. <i>Dalton Transactions</i> , 2019, 48, 1900-1905.	3.3	33
34	Two novel six-coordinated cadmium(II) and zinc(II) complexes from carbazate β -diketonate: crystal structures, enhanced two-photon absorption and biological imaging application. <i>Dalton Transactions</i> , 2014, 43, 599-608.	3.3	32
35	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
36	Thiophene-based terpyridine and its zinc halide complexes: third-order nonlinear optical properties in the near-infrared region. <i>Dalton Transactions</i> , 2015, 44, 1473-1482.	3.3	31

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37	A series of multifunctional coordination polymers based on terpyridine and zinc halide: second-harmonic generation and two-photon absorption properties and intracellular imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5458-5463.	5.8	31
38	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
39	Fluorescent probes with dual-mode for rapid detection of SO ₂ derivatives in living cells: Ratiometric and two-photon fluorescent sensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 1-6.	7.8	30
40	Series of C ^N C Cyclometalated Pt(II) Complexes: Synthesis, Crystal Structures, and Nonlinear Optical Properties in the Near-Infrared Region. <i>Inorganic Chemistry</i> , 2018, 57, 14134-14143.	4.0	30
41	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
42	A novel and simple fluorescence probe for detecting main group magnesium ion in HeLa cells and Arabidopsis. <i>Biosensors and Bioelectronics</i> , 2016, 86, 677-682.	10.1	29
43	A tissue-permeable fluorescent probe for Al (III), Cu (II) imaging in vivo. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 366-373.	7.8	29
44	Synthesis, Structures, and Optical Properties of Two Novel Two-Photon Initiators Derived from 2,2,6,6-tetramethyl-2,2'-terpyridine. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 986-993.	3.2	28
45	Small molecules of chalcone derivatives with high two-photon absorption activities in the near-IR region. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3256-3267.	5.5	28
46	KO ^t Bu-Mediated, Three-Component Coupling Reaction of Indoles, [60]Fullerene, and Haloalkanes: One-Pot, Transition-Metal-Free Synthesis of Various 1,4-(3-Indole)(organo)[60]fullerenes. <i>Organic Letters</i> , 2017, 19, 1192-1195.	4.6	28
47	Two multi-Functional aggregation-Induced emission probes: Reversible mechanochromism and bio-imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 421-428.	7.8	28
48	Synthesis, Structures, and Photophysical Properties of Two Organostannoxanes from a Novel Acrylic Acid Derived from Phenothiazine. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2664-2672.	2.0	27
49	Two analogously structural triphenylamine-based fluorescent "off-on" probes for Al ³⁺ via two distinct mechanisms and cell imaging application. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 642-651.	7.8	27
50	Tuning the hydrophobicity of pyridinium-based probes to realize the mitochondria-targeted photodynamic therapy and mitophagy tracking. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128460.	7.8	27
51	Design and Synthesis of Two New Two-Photon Absorbing Pyridine Salts as Ligands and Their Rare Earth Complexes. <i>Crystal Growth and Design</i> , 2009, 9, 1499-1504.	3.0	26
52	Self-assembly of metal ion induced highly emissive fluorophore-triphenylamine nanostructures: enhanced two-photon action cross-section for bioimaging applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 570-581.	5.5	25
53	Water-soluble small-molecule probes for RNA based on a two-photon fluorescence "off-on" process: systematic analysis in live cell imaging and understanding of structure-activity relationships. <i>Chemical Communications</i> , 2017, 53, 13245-13248.	4.1	25
54	Self-Monitoring the Endo-Lysosomal Escape and Near-Infrared-Activated Mitophagy To Guide Synergistic Type-I Photodynamic and Photothermal Therapy. <i>Analytical Chemistry</i> , 2021, 93, 12059-12066.	6.5	25

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55	Schiff base derivatives based on diaminomaleonitrile: Colorimetric and fluorescent recognition of Cu(II), cell imaging application, polymorph-dependent fluorescence and aggregation-enhanced emission. <i>Sensors and Actuators B: Chemical</i> , 2014, 205, 158-167.	7.8	24
56	Role of anions in preparing silver(i) complexes with a new multidentate ligand: polymorphs, structures and nonlinear optical properties. <i>CrystEngComm</i> , 2012, 14, 8409.	2.6	23
57	A series of terpyridine-based zinc(II) complexes assembled for third-order nonlinear optical responses in the near-infrared region and recognizing lipid membranes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6348-6355.	5.8	23
58	Synthesis, photophysical properties and TD-DFT calculation of four two-photon absorbing triphenylamine derivatives. <i>Science China Chemistry</i> , 2013, 56, 106-116.	8.2	22
59	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
60	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
61	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
62	Photon-induced intramolecular charge transfer with the influence of D/A group and mode: optical physical properties and bio-imaging. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7026.	5.5	21
63	A RNA-Targeted Two-Photon Bioprobe with High Selective Permeability into Nuclear Pore Complexes for Dynamically Tracking the Autophagy Process among Multi-Organelles. <i>Analytical Chemistry</i> , 2019, 91, 14911-14919.	6.5	21
64	Synthesis, Crystal Structures, and Photoluminescence of a Series of Coordination Polymers with Two Homologous Functional Flexible Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1854-1866.	2.0	20
65	A new 2,2':6''-terpyridine-based ligand and its complexes: structures, photophysical properties and DFT calculations to evaluate the halogen effect on the TPA. <i>CrystEngComm</i> , 2012, 14, 5613.	2.6	20
66	New conjugated organic dyes with various electron donors: One- and two-photon excited fluorescence, and bioimaging. <i>Dyes and Pigments</i> , 2014, 109, 42-53.	3.7	20
67	Schiff base derivatives containing thiodiazole: Twisted molecular conformation avoiding π - π stacking promotion aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , 2017, 145, 152-159.	3.7	20
68	A Cyclometalated Iridium (III) Complex as a Microtubule Probe for Correlative Super-Resolution Fluorescence and Electron Microscopy. <i>Advanced Materials</i> , 2020, 32, e2003901.	21.0	20
69	Tunable two-photon absorption near-infrared materials containing different electron-donors and a π -bridge center with applications in bioimaging in live cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5580-5588.	5.5	19
70	Synthesis, crystal structures of a series of novel 2, 2':6''-terpyridine derivatives: The influences of substituents on their photophysical properties and intracellular acid organelle targeting. <i>Dyes and Pigments</i> , 2016, 128, 149-157.	3.7	19
71	Conformationally Induced Off-On Two-Photon Fluorescent Bioprobes for Dynamically Tracking the Interactions among Multiple Organelles. <i>Analytical Chemistry</i> , 2019, 91, 6730-6737.	6.5	19
72	Functional Platinum(II) Complexes with Four-Photon Absorption Activity, Lysosome Specificity, and Precise Cancer Therapy. <i>Inorganic Chemistry</i> , 2021, 60, 2362-2371.	4.0	19

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73	Facile construction of olefin-linked covalent organic frameworks for enhanced photocatalytic organic transformation <i>via</i> wall surface engineering. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7165-7172.	10.3	19
74	Polymorphism in a Highly Conjugated Organic Compound: Strong Photoelectric Response. <i>Crystal Growth and Design</i> , 2009, 9, 253-257.	3.0	18
75	Solvent-resolved fluorescent Ag nanocrystals capped with a novel terpyridine-based dye. <i>New Journal of Chemistry</i> , 2009, 33, 607.	2.8	18
76	KO ^t Bu-Mediated Coupling of Indoles and [60]Fullerene: Transition-Metal-Free and General Synthesis of 1,2-(3-Indole)(hydro)[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 10605-10610.	3.2	18
77	Real-time detection and imaging of copper(II) in cellular mitochondria. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 598-604.	2.8	18
78	Intermolecular interactions boost aggregation induced emission in carbazole Schiff base derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 256-264.	2.8	18
79	A novel fluorescent probe based on the flexible dipicolylamine: Recognizing zinc(II) in aqueous solution and imaging in living cell. <i>Dyes and Pigments</i> , 2016, 124, 174-179.	3.7	17
80	NF- κ B hijacking theranostic Pt(II) complex in cancer therapy. <i>Theranostics</i> , 2019, 9, 2158-2166.	10.0	17
81	Defect-engineered transition metal hydroxide nanosheets realizing tumor-microenvironment-responsive multimodal-imaging-guided NIR-II photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8323-8336.	5.8	17
82	A convenient fluorescent probe for monitoring lysosomal pH change and imaging mitophagy in living cells. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129363.	7.8	17
83	An Umpolung Relay -Strategy: One-Pot, Twice Polarity Inversion Cascade Synthesis of Diversified [60]Fulleroindoles. <i>Organic Letters</i> , 2021, 23, 1302-1308.	4.6	17
84	Regulation of luminescence band and exploration of antibacterial activity of a nanohybrid composed of fluorophore-phenothiazine nanoribbons dispersed with Ag nanoparticles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5047.	5.5	16
85	Branched triphenylamine-core compounds: aggregation induced two-photon absorption. <i>RSC Advances</i> , 2016, 6, 60022-60028.	3.6	16
86	Real-time imaging mitochondrial viscosity dynamic during mitophagy mediated by photodynamic therapy. <i>Analytica Chimica Acta</i> , 2021, 1178, 338847.	5.4	16
87	Various Unique Coordination Patterns of Hg and DFT Calculations To Determine the Formation of a 3-D Supramolecular Framework by Covalent and Noncovalent Interactions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2584-2590.	2.5	15
88	Silver(II) supramolecular complexes generated from isophorone-based ligands: crystal structures and enhanced nonlinear optical properties through metal complexation. <i>Dalton Transactions</i> , 2014, 43, 1139-1150.	3.3	15
89	Crystal structures, two-photon excited fluorescence and bioimaging of Zn(II) complexes based on an extended 2,2'-bipyridine ligand. <i>Dyes and Pigments</i> , 2015, 121, 379-384.	3.7	15
90	A highly selective two-photon fluorescent chemosensor for tracking homocysteine via situ reaction. <i>Dyes and Pigments</i> , 2018, 155, 159-163.	3.7	15

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91	Two-photon fluorescent probe with enhanced absorption cross section for relay recognition of Zn ²⁺ /P2O7 ⁴⁻ and in vivo imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 446-451.	3.9	15
92	In Situ Monitoring of Mitochondria Regulating Cell Viability by the RNA-Specific Fluorescent Photosensitizer. <i>Analytical Chemistry</i> , 2020, 92, 10815-10821.	6.5	15
93	A terpyridine-based test strip for the detection of Hg ²⁺ in various water samples and drinks. <i>Analytical Methods</i> , 2019, 11, 227-231.	2.7	14
94	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
95	A novel stilbene-based organic dye with trans-cis isomer, polymorphism and aggregation-induced emission behavior. <i>Dyes and Pigments</i> , 2015, 122, 31-39.	3.7	13
96	A series of stilbazolium salts with A- π -A model and their third-order nonlinear optical response in the near-IR region. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 92-99.	3.9	13
97	New AIE-active terpyridyl-based pyridinium salt with good water-soluble: Membrane-permeable probe for cellular endoplasmic reticulum imaging. <i>Dyes and Pigments</i> , 2019, 169, 60-65.	3.7	13
98	A water-soluble benzoxazole-based probe: Real-time monitoring PPI via situ reaction by two-photon cells imaging. <i>Talanta</i> , 2019, 195, 158-164.	5.5	13
99	Dual-Functional Analogous <i>cis</i> -Platinum Complex with High Antitumor Activities and Two-Photon Bioimaging. <i>Biochemistry</i> , 2015, 54, 2177-2180.	2.5	12
100	Real-time noninvasive monitoring of cell mortality using a two-photon emissive probe based on quaternary ammonium. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4417-4421.	5.8	12
101	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
102	Synthesis, Luminescence and Electrochemical Properties of Two Phenothiazine Derivatives. <i>Chinese Journal of Chemistry</i> , 2005, 23, 1483-1489.	4.9	11
103	2,2'-Bipyridine derivatives containing aza-crown ether: Structure, two-photon absorption and bioimaging. <i>Dyes and Pigments</i> , 2014, 100, 142-149.	3.7	11
104	A Series of Imidazole Derivatives: Synthesis, Two-Photon Absorption, and Application for Bioimaging. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	11
105	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
106	KO ^t Bu-Promoted C4 Selective Coupling Reaction of Phenols and [60]Fullerene: One-Pot Synthesis of 4-[60]Fullerophenols under Transition-Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2018, 83, 5431-5437.	3.2	11
107	Real-time monitoring apoptosis and autophagy among multiple organelles by adjusting the slight structure. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127169.	7.8	11
108	Dynamic cyclic behaviors of lipid droplets monitored by two-photon fluorescence probe with high photostability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117766.	3.9	11

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109	Defective transition metal hydroxide-based nanoagents with hypoxia relief for photothermal-enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1018-1029.	5.8	11
110	New five-coordinated mercury (II) dyes based on a novel 2,2'-6''-2''-terpyridine ligand: Structures, photophysical properties and DFT calculations to evaluate the halogen effect on the two-photon absorption. <i>Dyes and Pigments</i> , 2012, 95, 723-731.	3.7	10
111	Two novel terpyridine-based chromophores with donor-acceptor structural model containing modified triphenylamine moiety: Synthesis, crystal structures and two-photon absorption properties. <i>Science China Chemistry</i> , 2013, 56, 1315-1324.	8.2	10
112	Four asymmetric bis-branched triphenylamine derivatives with charge transfer from one branch to the other: Two-photon emissions and bio-imaging applications. <i>Dyes and Pigments</i> , 2017, 138, 7-14.	3.7	10
113	Non-covalent interaction in metal cation-directed assembly of supramolecular architectures: Synthesis, characterization and crystal structures. <i>Polyhedron</i> , 2012, 43, 1-7.	2.2	9
114	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
115	Small molecule fluorescent probe: Illuminating and monitoring foreign proteins based on high fidelity imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127322.	7.8	9
116	Potassium salt promoted regioselective three-component coupling synthesis of 1,4-asymmetrical [60]fullerene bisadducts with superior electron transport properties. <i>Chemical Communications</i> , 2020, 56, 9513-9516.	4.1	9
117	Three Novel Functional CdII Dicarboxylates with Nanometer Channels: Hydrothermal Synthesis, Crystal Structures, and Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 345-351.	2.0	8
118	Highly selective chemosensors with versatile recognition ability caused by minor structural change. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 586-593.	7.8	8
119	Thiophene-based pyridine derivatives: synthesis, crystal structures, two-photon absorption properties and bio-imaging applications in the near-IR region. <i>New Journal of Chemistry</i> , 2016, 40, 8809-8814.	2.8	8
120	A specific HeLa cell-labelled and lysosome-targeted upconversion fluorescent probe: PEG-modified Sr ₂ Yb ₇ Tm ³⁺ . <i>Nanoscale</i> , 2017, 9, 18861-18866.	5.6	8
121	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
122	One-pot, three-component regioselective coupling reaction of triphenylamine/carbazole derivatives with [60]fullerene and indoles via an "umpolung relay" strategy. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5994-5999.	4.5	8
123	Unveiling Mechanism of Organic Photogenerator for Hydroxyl Radicals Generation by Molecular Modulation. <i>Small</i> , 2022, 18, e2104857.	10.0	8
124	Synthesis, crystal structures, and two-photon absorption of a series of cyanoacetic acid triphenylamine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 867-878.	3.9	7
125	High contrast off-on fluorescence photo-switching via copper ion recognition, trans-cis isomerization and ring closure of a thiosemicarbazide Schiff base. <i>RSC Advances</i> , 2016, 6, 44599-44605.	3.6	7
126	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

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127	Synthesis, structure and nonlinear optical properties of two novel two-photon absorption chromophores. <i>Science in China Series B: Chemistry</i> , 2009, 52, 529-534.	0.8	6
128	Synthesis of two carbazole-based dyes and application of two-photon initiating polymerization. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1210-1215.	0.8	6
129	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
130	A water-soluble, upconverting Sr ₂ Yb _{0.3} Gd _{0.7} F ₇ :Er ³⁺ /Tm ³⁺ @PSI ₆ bio-polymer for <i>in vivo</i> trimodality imaging. <i>Nanoscale</i> , 2018, 10, 14414-14420.	5.6	6
131	Fluorescent probes for detecting glutathione: Bio-imaging and two reaction mechanisms. <i>Dyes and Pigments</i> , 2019, 163, 441-446.	3.7	6
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