

Zhipeng Liu

List of Publications by Year in descending order

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64
papers

3,693
citations

136950

32
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128289

60
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67
all docs

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docs citations

67
times ranked

4094
citing authors

#	ARTICLE	IF	CITATIONS
1	BODIPY-linked conjugated porous polymers for dye wastewater treatment. <i>Microporous and Mesoporous Materials</i> , 2022, 332, 111711.	4.4	18
2	Fluorenyl-difluoroboron- β -diketonates with multi-stimuli fluorescent response behavior and their applications in a thermochromic logic gate device. <i>Dyes and Pigments</i> , 2021, 186, 108990.	3.7	11
3	Luminescent film: Biofouling investigation of tetraphenylethylene blended polyethersulfone ultrafiltration membrane. <i>Chemosphere</i> , 2021, 267, 128871.	8.2	26
4	Activity-Based Fluorescent Molecular Logic Gate Probe for Dynamic Tracking of Mitophagy Induced by Oxidative Stress. <i>Analytical Chemistry</i> , 2021, 93, 3502-3509.	6.5	27
5	J-aggregates of meso-[2.2]paracyclophanyl-BODIPY dye for NIR-II imaging. <i>Nature Communications</i> , 2021, 12, 2376.	12.8	145
6	BODIPY-based monofunctional Pt (II) complexes for specific photocytotoxicity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 218, 111394.	3.5	18
7	Rational construction of a reversible arylazo-based NIR probe for cycling hypoxia imaging in vivo. <i>Nature Communications</i> , 2021, 12, 2772.	12.8	37
8	A Borondifluoride-Complex-Based Photothermal Agent with an 80% Photothermal Conversion Efficiency for Photothermal Therapy in the NIR Window. <i>Angewandte Chemie</i> , 2021, 133, 22550-22558.	2.0	24
9	A Borondifluoride-Complex-Based Photothermal Agent with an 80% Photothermal Conversion Efficiency for Photothermal Therapy in the NIR Window. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22376-22384.	13.8	128
10	An isocamphanyl-based fluorescent "turn-on" probe for highly sensitive and selective detection of Ga^{3+} and application <i>in vivo</i> and <i>in vitro</i> . <i>Analyst</i> , 2021, 146, 7294-7305.	3.5	4
11	Chiral Nematic Coatings Based on Cellulose Nanocrystals as a Multiplexing Platform for Humidity Sensing and Dual Anticounterfeiting. <i>Small</i> , 2021, 17, e2103936.	10.0	32
12	Axial chiral binaphthalene-diketopyrrolopyrrole dyads as efficient far-red to near-infrared circularly polarized luminescent emitters. <i>Dyes and Pigments</i> , 2020, 173, 107998.	3.7	14
13	Easily accessible axial chiral binaphthalene-triarylborane dyes displaying intense circularly polarized luminescence both in solution and in solid-state. <i>Dyes and Pigments</i> , 2020, 175, 108168.	3.7	13
14	Flexible π -Conjugated 2,5-Diarylamino-Terephthalates: A New Class of Mechanochromic Luminophores with Tunable Aggregation States. <i>Chemistry - A European Journal</i> , 2020, 26, 14963-14968.	3.3	11
15	Circularly polarized luminescence from axially chiral binaphthalene-bridged BODIPY. <i>Dyes and Pigments</i> , 2020, 181, 108593.	3.7	21
16	A near-infrared fluorescent probe for imaging of nitroxyl in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118680.	3.9	16
17	Ultrafast Detection of Peroxynitrite in Parkinson's Disease Models Using a Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 4038-4045.	6.5	81
18	Rational Design of Axially Chiral Platinabinaphthalenes with Aggregation-Induced Emission for Red Circularly Polarized Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9520-9527.	8.0	70

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19	Novel aza-BODIPY based small molecular NIR-II fluorophores for <i>in vivo</i> imaging. <i>Chemical Communications</i> , 2019, 55, 10920-10923.	4.1	113
20	Recent Progress of BODIPY Dyes With Aggregation-Induced Emission. <i>Frontiers in Chemistry</i> , 2019, 7, 712.	3.6	125
21	Signal-Enhanced Detection of Multiplexed Cardiac Biomarkers by a Paper-Based Fluorogenic Immunodevice Integrated with Zinc Oxide Nanowires. <i>Analytical Chemistry</i> , 2019, 91, 9300-9307.	6.5	60
22	A BODIPY-based ratiometric probe for sensing and imaging hydrogen polysulfides in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117295.	3.9	17
23	Development of luminescent nanoswitch for sensing of alkaline phosphatase in human serum based on Al ³⁺ -PPI interaction and Cu NCs with AIE properties. <i>Analytica Chimica Acta</i> , 2019, 1076, 131-137.	5.4	28
24	A ratiometric fluorescent sensor for tracking Cu(I) fluctuation in endoplasmic reticulum. <i>Science China Chemistry</i> , 2019, 62, 465-474.	8.2	17
25	Paper-based fluorescent immunoassay for highly sensitive and selective detection of norfloxacin in milk at picogram level. <i>Talanta</i> , 2019, 195, 333-338.	5.5	46
26	Aggregation-amplified circularly polarized luminescence from axial chiral boron difluoride complexes. <i>Science China Chemistry</i> , 2019, 62, 355-362.	8.2	31
27	Visualizing hydrogen peroxide in Parkinson's disease models via a ratiometric NIR fluorogenic probe. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 38-43.	7.8	36
28	AIE-active boron complexes based on benzothiazole-hydrazone chelates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4977-4984.	2.8	22
29	An isophorone-based far-red emitting ratiometric fluorescent probe for selective sensing and imaging of polysulfides. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7015-7020.	5.8	17
30	Solvatochromism, acidochromism and aggregation-induced emission of propeller-shaped spiroborates. <i>Dalton Transactions</i> , 2018, 47, 15002-15008.	3.3	41
31	Phosphorescence Lifetime Imaging of Labile Zn ²⁺ in Mitochondria via a Phosphorescent Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2018, 57, 10625-10632.	4.0	28
32	Domino-like multi-emissions across red and near infrared from solid-state 2,6-aryl substituted BODIPY dyes. <i>Nature Communications</i> , 2018, 9, 2688.	12.8	85
33	Fluorescence imaging mitochondrial copper(II) via photocontrollable fluorogenic probe in live cells. <i>Chinese Chemical Letters</i> , 2017, 28, 1965-1968.	9.0	21
34	Optical properties and mechanofluorochromism of new BODIPY dyes based on the pyridine-pyrimidine hybrid structure. <i>Dalton Transactions</i> , 2017, 46, 10332-10338.	3.3	15
35	Benzothiazole-pyrimidine-based BODIPY analogues: promising luminophores with fluorescence sensing and imaging ability and asymmetrization-induced solid-state emission. <i>Dalton Transactions</i> , 2016, 45, 17274-17280.	3.3	16
36	Benzothiazole-pyrimidine-based BF ₂ Complex for Selective Detection of Cysteine. <i>Chemistry - an Asian Journal</i> , 2016, 11, 202-206.	3.3	17

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37	New AIE-active pyrimidine-based boronfluoride complexes with high solid-state emission and reversible mechanochromism luminescence behavior. Dalton Transactions, 2016, 45, 7278-7284.	3.3	46
38	User-friendly aerobic reductive alkylation of iridium(III) porphyrin chloride with potassium hydroxide: scope and mechanism. Dalton Transactions, 2015, 44, 20618-20625.	3.3	9
39	Benzothiazole-enamide-based BF_2 complexes: luminophores exhibiting aggregation-induced emission, tunable emission and highly efficient solid-state emission. Journal of Materials Chemistry C, 2015, 3, 2953-2959.	5.5	81
40	AIE-active organoboron complexes with highly efficient solid-state luminescence and their application as gas sensitive materials. Dalton Transactions, 2015, 44, 14063-14070.	3.3	33
41	High solid-state luminescence in propeller-shaped AIE-active pyridine- α -ketoiminate-boron complexes. Organic and Biomolecular Chemistry, 2015, 13, 5775-5782.	2.8	46
42	Piezochromic luminescence behaviors of two new benzothiazole- α -enamido boron difluoride complexes: intra- and inter-molecular effects induced by hydrostatic compression. Chemical Communications, 2015, 51, 7497-7500.	4.1	105
43	Aggregation-induced emission (AIE) of pyridyl-enamido-based organoboron luminophores. Chemical Communications, 2015, 51, 784-787.	4.1	68
44	In vivo ratiometric Zn^{2+} imaging in zebrafish larvae using a new visible light excitable fluorescent sensor. Chemical Communications, 2014, 50, 1253-1255.	4.1	44
45	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. Chemical Communications, 2014, 50, 1074-1076.	4.1	72
46	Synthesis and fluorescence properties of isoindoline- α -benzazole-based boron difluoride complexes. New Journal of Chemistry, 2014, 38, 1277.	2.8	33
47	Coumarin-hydrazone based high selective fluorescence sensor for copper(II) detection in aqueous solution. Inorganic Chemistry Communication, 2013, 34, 8-11.	3.9	53
48	In vitro and in vivo imaging application of a 1,8-naphthalimide-derived Zn^{2+} fluorescent sensor with nuclear envelope penetrability. Chemical Communications, 2013, 49, 11430.	4.1	62
49	Metal coordination in photoluminescent sensing. Chemical Society Reviews, 2013, 42, 1568.	38.1	702
50	An excitation ratiometric Zn^{2+} sensor with mitochondria-targetability for monitoring of mitochondrial Zn^{2+} release upon different stimulations. Chemical Communications, 2012, 48, 8365.	4.1	77
51	Design and Synthesis of a Ratiometric Fluorescent Chemosensor for Cu(II) with a Fluorophore Hybridization Approach. Organic Letters, 2012, 14, 4378-4381.	4.6	129
52	Synthesis, Characterization, Crystal Structure and Fluorescence Property of Tetramethyl 5,5'-bis(terephthaloylbis(azanediyl))-Diisophthalate. Journal of Chemical Crystallography, 2012, 42, 1124-1128.	1.1	1
53	A new ratiometric and colorimetric chemosensor for cyanide anion based on Coumarin- α -hemicyanine hybrid. Organic and Biomolecular Chemistry, 2012, 10, 5073.	2.8	75
54	A bezimidazole-based highly selective and low-background fluorescent sensor for Zn^{2+} . Inorganic Chemistry Communication, 2012, 15, 176-179.	3.9	17

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55	Synthesis of a ratiometric fluorescent peptide sensor for the highly selective detection of Cd ²⁺ . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4014-4017.	2.2	59
56	Rational Design of a Dual Chemosensor for Cyanide Anion Sensing Based on Dicyanovinyl-Substituted Benzofurazan. <i>Journal of Organic Chemistry</i> , 2011, 76, 10286-10290.	3.2	134
57	Synthesis, transformation to octahedron-like crystals, and gas sensing property of six-horned nanospheres of Cu ₂ O. <i>Crystal Research and Technology</i> , 2011, 46, 967-972.	1.3	0
58	A sulfonamidoquinoline-derived Zn ²⁺ fluorescent sensor with 1:1 Zn ²⁺ binding stoichiometry. <i>Inorganic Chemistry Communication</i> , 2011, 14, 304-307.	3.9	18
59	Reversible DNA Condensation Induced by a Tetranuclear Nickel(II) Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 14181-14189.	3.3	41
60	A highly sensitive ratiometric fluorescent probe for Cd ²⁺ detection in aqueous solution and living cells. <i>Chemical Communications</i> , 2010, 46, 6138.	4.1	165
61	A charge transfer type pH responsive fluorescent probe and its intracellular application. <i>New Journal of Chemistry</i> , 2010, 34, 656.	2.8	46
62	A Zn ²⁺ Fluorescent Sensor Derived from 2-(Pyridin-2-yl)benzimidazole with Ratiometric Sensing Potential. <i>Organic Letters</i> , 2009, 11, 795-798.	4.6	118
63	A visible light excitable fluorescent sensor for triphosphate/pyrophosphate based on a diZn ²⁺ complex bearing an intramolecular charge transfer fluorophore. <i>Dalton Transactions</i> , 2009, , 7888.	3.3	25
64	A novel wood identification method for <i>Pterocarpus santalinus</i> L.f. species based on fluorescence features. <i>Journal of Wood Chemistry and Technology</i> , 0, , 1-8.	1.7	3