

Zhongfeng Li

List of Publications by Year in descending order

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62
papers

1,112
citations

361045

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h-index

454577

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62
docs citations

62
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing luminescent diimine-Cu(<i>scp</i>)-phosphine complexes by tuning N-ligand and counteranions: correlation of weak interactions, luminescence and THz absorption spectra. <i>CrystEngComm</i> , 2022, 24, 1258-1266.	1.3	4
2	The performance of an atomically dispersed oxygen reduction catalyst prepared by \hat{I}^3 -CD-MOF integration with FePc. <i>Nanoscale Advances</i> , 2022, 4, 2171-2179.	2.2	2
3	Synthesis, spectral properties and terahertz time domain spectroscopy of two copper(I) complexes based on bisphosphine and bisazo ligands. <i>Journal of Coordination Chemistry</i> , 2022, 75, 1875-1885.	0.8	1
4	A new application of terahertz time-domain absorption spectra in luminescent complexes: characterization of the C-H \cdots F weak interactions in Cu(I) complexes. <i>Dalton Transactions</i> , 2021, 50, 10214-10224.	1.6	10
5	A novel Fe/N/C electrocatalyst prepared from a carbon-supported iron(ii) complex of macrocyclic ligands for oxygen reduction reaction. <i>RSC Advances</i> , 2021, 11, 8437-8443.	1.7	5
6	Fabricating a mechanochromic AIE luminogen into a wearable sensor for volatile organic compound (VOC) detection. <i>Dyes and Pigments</i> , 2021, 192, 109393.	2.0	25
7	Unraveling the defect-induced photoluminescence of a donor-acceptor AIE luminogen. <i>Dyes and Pigments</i> , 2021, 193, 109566.	2.0	8
8	A urine and serum metabolomics study of gastroesophageal reflux disease in TCM syndrome differentiation using UPLC-Q-TOF/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114369.	1.4	6
9	Changes in Copper, Zinc, Arsenic, Mercury, and Lead Concentrations in Rat Biofluids and Tissues Induced by the Renqing Changjue Pill, a Traditional Tibetan Medicine. <i>Biological Trace Element Research</i> , 2021, 199, 4646-4656.	1.9	2
10	A series of luminescent Cu(<i>scp</i>) complexes based on the diphosphine ligand and diimine ligand: weak intermolecular interactions, terahertz spectroscopy and photoproperties. <i>CrystEngComm</i> , 2021, 23, 8323-8333.	1.3	2
11	A turn-on mechanochromic luminescent material serving as pressure sensor and rewritable optical data storage. <i>Dyes and Pigments</i> , 2020, 173, 107928.	2.0	35
12	A multi-stimuli-responsive AIE material switching among three emission states. <i>Materials Letters</i> , 2020, 263, 127214.	1.3	12
13	Carbon quantum dots as fluorescence sensors for label-free detection of folic acid in biological samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117931.	2.0	58
14	Single Atoms Anchored on Cobalt-Based Catalysts Derived from Hydrogels Containing Phthalocyanine toward the Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8338-8347.	3.2	21
15	Strategy for optical data encryption and decryption using a D-A type stimuli-responsive AIE material. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118486.	2.0	12
16	Toxicological Risks of Renqingchangjue in Rats Evaluated by ¹ H NMR-Based Serum and Urine Metabolomics Analysis. <i>ACS Omega</i> , 2020, 5, 2169-2179.	1.6	8
17	¹ H NMR-Based Metabolomics Reveals the Antitumor Mechanisms of Triptolide in BALB/c Mice Bearing CT26 Tumors. <i>Frontiers in Pharmacology</i> , 2019, 10, 1175.	1.6	10
18	New discovery in crystallography: correlation of terahertz time-domain spectra with crystal structures and photoluminescence properties of mononuclear/binuclear diimine-Cu(<i>scp</i>)-phosphine complexes. <i>CrystEngComm</i> , 2019, 21, 4275-4288.	1.3	13

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19	A mechanochromic luminescent material with aggregation-induced emission: Application for pressure sensing and mapping. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117125.	2.0	13
20	Self-recovering mechanochromic luminescent material with aggregation-induced emission: Implication for pressure sensor. <i>Dyes and Pigments</i> , 2019, 167, 181-188.	2.0	22
21	Toward a simple way for a mechanochromic luminescent material with high contrast ratio and fatigue resistance: Implication for information storage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 348-354.	2.0	4
22	Rewritable optical data storage based on mechanochromic fluorescence materials with aggregation-induced emission. <i>Dyes and Pigments</i> , 2019, 160, 830-838.	2.0	43
23	The effects of jolkinolide B on HepG2 cells as revealed by ¹ H-NMR-based metabolic profiling. <i>European Journal of Pharmacology</i> , 2019, 842, 10-19.	1.7	14
24	Water-directed self-assembly of a red solid emitter with aggregation-enhanced emission: Implication for humidity monitoring. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 208-217.	4.0	39
25	A turn-on type mechanochromic fluorescent material based on defect-induced emission: implication for pressure sensing and mechanical printing. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2476-2482.	2.7	68
26	D-A type sensor array for differentiation and identification of white wine varieties based on specific solvent effect activated by CT-LE transition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 318-323.	2.0	7
27	Metabolic effects of <i>Hedyotis diffusa</i> on rats bearing Walker 256 tumor revealed by ¹ H-NMR-based metabolomics. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 5-17.	1.1	10
28	To direct the self-assembly of AIEgens by three-gear switch: Morphology study, amine sensing and assessment of meat spoilage. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 373-380.	4.0	46
29	Tissue metabolomics study to reveal the toxicity of a traditional Tibetan medicine "Renqing Changjue"™ in rats. <i>RSC Advances</i> , 2018, 8, 37652-37664.	1.7	3
30	Urinary metabonomic study of patients with acute coronary syndrome using UPLC-QTOF/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1100-1101, 122-130.	1.2	22
31	NMR-based Metabolomic Techniques Identify the Toxicity of Emodin in HepG2 Cells. <i>Scientific Reports</i> , 2018, 8, 9379.	1.6	25
32	Conditional mechanochromic fluorescence with turn-on response: A new way to encrypt and decrypt binary data. <i>Dyes and Pigments</i> , 2018, 159, 252-261.	2.0	27
33	Selection of Group-Specific Phthalic Acid Esters Binding DNA Aptamers via Rationally Designed Target Immobilization and Applications for Ultrasensitive and Highly Selective Detection of Phthalic Acid Esters. <i>Analytical Chemistry</i> , 2017, 89, 5270-5277.	3.2	50
34	A turn-on type stimuli-responsive fluorescent dye with specific solvent effect: Implication for a new prototype of paper using water as the ink. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 7-12.	2.0	11
35	A chemosensor for fingerprinting liquors: Implication for differentiation and identification. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 101-107.	4.0	13
36	Synthesis, crystal structures and antitumor activity of two platinum(II) complexes with methyl hydrazinecarbodithioate derivatives of indolin-2-one. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 137-146.	2.6	19

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37	Synthesis, Characterization, and Luminescent Properties of Silver(I) Complexes based on Diphosphine Ligands and 6,7-Dicyanodipyridoquinoxaline. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1253-1261.	0.6	3
38	Nanoscale Metal-Organic Frameworks Decorated with Graphene Oxide for Magnetic Resonance Imaging Guided Photothermal Therapy. <i>Chemistry - A European Journal</i> , 2017, 23, 17521-17530.	1.7	28
39	Lanthanide contraction and chelating effect on a new family of lanthanide complexes with tetrakis(O-isopropyl)methyl-nediphosphonate: synthesis, structures and terahertz time-domain spectroscopy. <i>RSC Advances</i> , 2017, 7, 41651-41666.	1.7	8
40	Copper-Catalyzed Dehydrogenative C(sp ²)-N Bond Formation via Direct Oxidative Activation of an Anilidic N-H Bond: Synthesis of Benzoimidazo[1,2- <i>a</i>]indoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 10158-10166.	1.7	12
41	A route to robust thioether-functionalized MOF solid materials displaying heavy metal uptake and the ability to be further oxidized. <i>Dalton Transactions</i> , 2017, 46, 12036-12040.	1.6	8
42	¹ H NMR-Based Metabolomics Study of the Toxicological Effects in Rats Induced by Renqing Mangjue Pill, a Traditional Tibetan Medicine. <i>Frontiers in Pharmacology</i> , 2017, 8, 602.	1.6	8
43	¹ H NMR-Based Metabonomic Study of Functional Dyspepsia in Stressed Rats Treated with Chinese Medicine Weikangning. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-18.	0.5	2
44	Silver-Catalyzed Intramolecular Selective Acylation of Indoles with Aldehydes: An Atom-Economical Entry to Indole-Indolone Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2059-2065.	2.1	25
45	Plasma metabolomics study on toxicity biomarker in rats treated with <i>Euphorbia fischeriana</i> based on LC-MS. <i>Biomedical Chromatography</i> , 2016, 30, 1386-1396.	0.8	8
46	Comparative effects of dexamethasone and bergenin on chronic bronchitis and their anti-inflammatory mechanisms based on NMR metabolomics. <i>Molecular BioSystems</i> , 2016, 12, 1938-1947.	2.9	20
47	Synthesis, Characterization, and Luminescent Properties of Silver(I) Complexes based on Diphosphine Ligands and 2,9-Dimethyl-1,10-phenanthroline. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 953-959.	0.6	8
48	Qishen Yiqi Drop Pill improves cardiac function after myocardial ischemia. <i>Scientific Reports</i> , 2016, 6, 24383.	1.6	28
49	Identification of metabolic biomarkers in patients with type 2 diabetic coronary heart diseases based on metabolomic approach. <i>Scientific Reports</i> , 2016, 6, 30785.	1.6	43
50	Synthesis and biological evaluation of quinazolin-4(3H)-one derivatives bearing dithiocarbamate side chain at C2-position as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 364-373.	2.6	23
51	Phase transfer preparation of ultrasmall MnS nanocrystals with a high performance MRI contrast agent. <i>RSC Advances</i> , 2016, 6, 6878-6887.	1.7	17
52	Metal-free catalytic cascade to chromones: direct coupling of salicylaldehydes and activated alkynes triggered by aryloxy radicals. <i>RSC Advances</i> , 2015, 5, 106350-106354.	1.7	5
53	Analysis of urinary metabolomic profiling for unstable angina pectoris disease based on nuclear magnetic resonance spectroscopy. <i>Molecular BioSystems</i> , 2015, 11, 3387-3396.	2.9	10
54	The Crosstalk Between miRNA and Mammalian Circadian Clock. <i>Current Medicinal Chemistry</i> , 2015, 22, 1582-1588.	1.2	18

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55	Study on Qi Deficiency Syndrome Identification Modes of Coronary Heart Disease Based on Metabolomic Biomarkers. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-15.	0.5	25
56	Synthesis and Structural Characterization of Six Pentanuclear and Tetranuclear Mo/W/Cu Clusters with Bis(diphenylphosphanyl) Methane. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2261-2267.	0.6	0
57	K ₂ S ₂ O ₈ /arenesulfinate: an unprecedented thiolating system enabling selective sulfenylation of indoles under metal-free conditions. RSC Advances, 2014, 4, 49165-49169.	1.7	58
58	Tetra <i>n</i> -butylammonium Bromide: A Simple but Efficient Organocatalyst for Alcohol Oxidation under Mild Conditions. Advanced Synthesis and Catalysis, 2014, 356, 1741-1746.	2.1	17
59	Crystal structure of N-(2-nitrophenyl)-2-(propan-2-ylidene)hydrazinocarbothioamide, C ₁₀ H ₁₂ N ₄ O ₂ S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 167-168.	0.1	0
60	Metal-Free Oxidative Coupling: Xanthone Formation <i>via</i> Direct Annulation of 2-Aryloxybenzaldehyde using Tetrabutylammonium Bromide as a Promoter in Aqueous Medium. Advanced Synthesis and Catalysis, 2013, 355, 2191-2196.	2.1	64
61	Synthesis of 1-Substituted 4 <i>H</i> -Quinazolinones Under Solvent-Free Conditions. Synthetic Communications, 2012, 42, 2715-2727.	1.1	4
62	N/O-doped carbon shell structures loaded with iron phthalocyanine for oxygen reduction catalysis. ChemCatChem, 0, , .	1.8	0