

Hongjun Zhu

List of Publications by Year in descending order

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67
papers

1,169
citations

361045

20
h-index

433756

31
g-index

67
all docs

67
docs citations

67
times ranked

1566
citing authors

#	ARTICLE	IF	CITATIONS
1	AIPE-Active Ir(III) complexes with tuneable photophysical properties and application in mitochondria-targeted dual-mode photodynamic therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120690.	2.0	4
2	Benzothiazole derivatives with varied π -conjugation: synthesis, tunable solid-state emission, and application in single-component LEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6392-6401.	2.7	6
3	Quinazoline-Assisted <i>ortho</i> -Halogenation with <i>N</i> -Halosuccinimides through Pd(II)-Catalyzed $C(sp^2)$ -H Activation. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	1
4	Synthesis, Spectroscopic Characteristics, DFT Study and Dyeing Performance of Bischlorotriazine Based Water-Soluble Reactive Dyes. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
5	A fluorescence turn-on probe for hydrogen sulfide and biothiols based on PET & TICT and its imaging in HeLa cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118839.	2.0	28
6	New bis-photochromic compounds based on diarylimidazoles: Synthesis and multistimuli-responsive optical properties. <i>Luminescence</i> , 2021, 36, 684-690.	1.5	1
7	Sustained-release ibuprofen prodrug particle: Emulsifier and initiator regulate the diameter and distribution. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49779.	1.3	1
8	Aerobic Visible-Light Induced Intermolecular S-N Bond Construction: Synthesis of 1,2,4-Thiadiazoles from Thioamides under Photosensitizer-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3398-3402.	1.2	4
9	<i>Meso</i> -substituted boron-dipyrrromethene compounds: synthesis, tunable solid-state emission, and application in blue-driven LEDs. <i>Luminescence</i> , 2021, 36, 1697-1705.	1.5	2
10	Ligand-Mediated Photophysics Adjustability in Bis-tridentate Ir(III) Complexes and Their Application in Efficient Optical Limiting Materials. <i>Inorganic Chemistry</i> , 2021, 60, 12835-12846.	1.9	8
11	Diaryl-amino-substituted perylene compound: synthesis, fluorescence, and application in yellow LEDs. <i>Chemical Papers</i> , 2021, 75, 6455-6463.	1.0	0
12	Alginate-azo/chitosan nanocapsules in vitro drug delivery for hepatic carcinoma cells: UV-stimulated decomposition and drug release based on trans-to-cis isomerization. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 214-222.	3.6	8
13	Azo modified hyaluronic acid based nanocapsules: CD44 targeted, UV-responsive decomposition and drug release in liver cancer cells. <i>Carbohydrate Polymers</i> , 2021, 267, 118152.	5.1	19
14	Synthesis, luminescence, and excited-state absorption properties of disubstituted perylene diimide derivatives modified at bay region. <i>Luminescence</i> , 2021, , .	1.5	0
15	Aggregation-induced phosphorescent emission-active Ir(III) complexes with a long lifetime for specific mitochondrial imaging and tracking. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2467-2474.	2.7	14
16	AIPE-active Pt(II) complexes with a tunable triplet excited state: design, mechanochromism and application in anti-counterfeiting. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4677-4686.	3.0	31
17	1,2,4-Oxadiazole ring-containing pyridylpyrazole-carboxamides: Synthesis and evaluation as novel insecticides of the anthranilic diamide family. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1981-1992.	1.4	6
18	Nitrogen and sulphur co-doped carbon quantum dots and their optical power limiting properties. <i>Materials Advances</i> , 2020, 1, 3176-3181.	2.6	15

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19	1,3,5-Triazine-Based Pt(II) Metallogel Material: Synthesis, Photophysical Properties, and Optical Power-Limiting Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15685-15692.	1.5	30
20	Solvent-induced aggregation based on a heteroleptic Ir(III) complex <i>via</i> hydrogen bonds. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6941-6949.	2.7	1
21	Regio- and Stereoselective Hydrophosphorylation of Ynamides for the Synthesis of β -Aminovinylphosphine Oxides. <i>Organic Letters</i> , 2018, 20, 2778-2781.	2.4	24
22	Liquid-phase oxidation of toluene to benzaldehyde with molecular oxygen catalyzed by copper nanoparticles supported on graphene. <i>Research on Chemical Intermediates</i> , 2018, 44, 4989-4998.	1.3	14
23	Digestibility of sulfated polysaccharide from the brown seaweed <i>Ascophyllum nodosum</i> and its effect on the human gut microbiota <i>in vitro</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 112, 1055-1061.	3.6	94
24	Tunable-emission and AIPE-active heteroleptic Ir(III) complexes for fingerprint detection <i>via</i> a spraying technique. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10910-10915.	2.7	12
25	Physicochemical Characterization, Antioxidant and Immunostimulatory Activities of Sulfated Polysaccharides Extracted from <i>Ascophyllum nodosum</i> . <i>Molecules</i> , 2018, 23, 1912.	1.7	13
26	Enhanced catalytic activity of MnCo-MOF-74 for highly selective aerobic oxidation of substituted toluene. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1923-1932.	3.0	36
27	Pd/Cu-Catalyzed tandem head-to-tail dimerization/cycloisomerization of terminal ynamides for the synthesis of 5-vinylloxazolones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2923-2930.	1.5	7
28	Theoretical study on the self-assembly of 1,3,5-triethynylbenzene on Si(100)2 \times 1 and <i>in situ</i> polymerization <i>via</i> reaction with CO to fabricate a single surface-grafted polymer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3585-3591.	2.7	6
29	Photocatalytic degradation of methylene blue solution by diphenylanthrazoline compounds. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3712.	0.9	13
30	Iron(II) and copper(II) phthalocyanine-catalyzed synthesis of 2-nitro-4-methylsulfonylbenzoic acid under mild conditions. <i>Journal of Chemical Sciences</i> , 2017, 129, 1587-1594.	0.7	8
31	AIPE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11781-11789.	2.7	41
32	Iron(II) phthalocyanine immobilized SBA-15 catalysts: Preparation, characterization and application for toluene selective aerobic oxidation. <i>Inorganica Chimica Acta</i> , 2017, 467, 307-315.	1.2	19
33	Synergistically Enhanced Optical Limiting Property of Graphene Oxide Hybrid Materials Functionalized with Pt Complexes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33029-33040.	4.0	54
34	Highly regio- and stereoselective trans-iodofluorination of ynamides enabling the synthesis of (E)-1-fluoro- β -iodoenamides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7218-7226.	1.5	15
35	Promoted colorimetric response of spirooxazine derivative: a simple assay for sensitive mercury(II) detection. <i>Research on Chemical Intermediates</i> , 2016, 42, 5597-5605.	1.3	8
36	Generation of Oxazolidinones Bearing Sulfur-Substituted Quaternary Carbon Atoms by Oxothiolation/Cyclization of Ynamides. <i>Chemistry - A European Journal</i> , 2016, 22, 2532-2538.	1.7	19

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37	Cu(I)- or Ag(I)-Catalyzed Regio- and Stereocontrolled <i>cis</i> -Hydrofluorination of Ynamides. <i>Organic Letters</i> , 2016, 18, 1856-1859.	2.4	62
38	Graphene layers on bimetallic Ni/Cu(111) surface and near surface alloys in controlled growth of graphene. <i>RSC Advances</i> , 2016, 6, 74973-74981.	1.7	5
39	Synthesis, Aggregation Induced Emission and Mechanochromic Luminescence of New β -Diketone Derivatives Bearing Tetraphenylene Moieties. <i>Journal of Fluorescence</i> , 2016, 26, 2005-2013.	1.3	6
40	(IPr)CuF-catalyzed β -site regiocontrolled trans-hydrofluorination of ynamides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7746-7753.	1.5	33
41	Formation of β -chalcogenyl acrylamides through unprecedented chalcogen-mediated metal-free oxyfunctionalization of ynamides with DMSO as an oxidant. <i>Chemical Communications</i> , 2016, 52, 5605-5608.	2.2	19
42	A red-emitting fluorescent probe based on flavone for hydrazine detection and its application in aqueous solution. <i>Analytical Methods</i> , 2016, 8, 2267-2273.	1.3	42
43	Regioselective iodoamination of terminal ynamides for the synthesis of β -amino- β,β -diiodo-enamides. <i>Chemical Communications</i> , 2016, 52, 4321-4324.	2.2	24
44	AIE-active Ir(III) complexes with tunable emissions, mechanoluminescence and their application for data security protection. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2553-2559.	2.7	54
45	Synthesis, Luminescent Properties of aza-Boron-Diquinomethene Difluoride Complexes and Their Application for Fluorescent Security Inks. <i>Journal of Fluorescence</i> , 2016, 26, 407-412.	1.3	8
46	DFT study of Fe-Ni core-shell nanoparticles: Stability, catalytic activity, and interaction with carbon atom for single-walled carbon nanotube growth. <i>Journal of Chemical Physics</i> , 2015, 142, 074306.	1.2	12
47	Aza-boron-diquinomethene complexes bearing N-aryl chromophores: synthesis, crystal structures, tunable photophysics, the protonation effect and their application as pH sensors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3774-3782.	2.7	20
48	An efficient procedure for synthesis of 2-formylcyclopent-2-enecarboxylic acid. <i>Research on Chemical Intermediates</i> , 2015, 41, 6033-6039.	1.3	1
49	Palladium-Catalyzed Intramolecular Cyclization of Ynamides: Synthesis of 4-Halo-oxazolones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3480-3487.	1.7	36
50	Controlled Synthesis of 1,3,5-Oxadiazin-2-ones and Oxazolones through Regioselective Iodocyclization of Ynamides. <i>Organic Letters</i> , 2015, 17, 2510-2513.	2.4	43
51	Synthesis, Photophysics, and Electronic Structures of Benzene-Linked Bispyrimidine Compounds. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 346-353.	1.3	0
52	NIR luminescence for the detection of latent fingerprints based on ESIPT and AIE processes. <i>RSC Advances</i> , 2015, 5, 87306-87310.	1.7	46
53	Graphene layers on Si-face and C-face surfaces and interaction with Si and C atoms in layer controlled graphene growth on SiC substrates. <i>RSC Advances</i> , 2015, 5, 78625-78633.	1.7	7
54	A new and efficient synthetic method for the herbicide carfentrazone-ethyl based on the Heck reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 5797-5808.	1.3	4

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55	Stereoselective synthesis of (R)-salmeterol via asymmetric cyanohydrin reaction. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 770-773.	1.3	1
56	Iodine-Mediated Oxidation of Ynamides: A Facile Access to <i>N</i> -Monosubstituted α -Ketoamides and α -Ketoimides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7174-7183.	1.2	27
57	A highly efficient, ligand-free and recyclable SBA-15 supported Cu_2O catalyzed cyanation of aryl iodides with potassium hexacyanoferrate($\text{K}_2\text{Fe}(\text{CN})_6$). <i>RSC Advances</i> , 2014, 4, 37773-37778.	1.7	15
58	Synthesis, insecticidal activity, structure-activity relationship (SAR) and density functional theory (DFT) of novel anthranilic diamides analogs containing 1,3,4-oxadiazole rings. <i>RSC Advances</i> , 2014, 4, 55445-55451.	1.7	20
59	Synthesis and Optical Properties of Novel Fluorescence-Traced Benzimidazolium Bromides. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E71.	1.4	1
60	Copper(I)-Catalyzed Highly Regio- and Stereoselective Boron Addition-Protonolysis of Alkynamides to give Alkenamides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6979-6989.	1.2	18
61	A Possible Reaction Pathway to Fabricate a Half-Metallic Wire on a Silicon Surface. <i>Advanced Functional Materials</i> , 2013, 23, 2233-2238.	7.8	12
62	Synthesis, Crystal Structure, and Fungicidal Activity of Novel 1,5-Diaryl-1 <i>H</i> -Pyrazol-3-Oxy Derivatives Containing Oxyacetic Acid or Oxy(2-thioxothiazolidin-3-yl)ethanone Moieties. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1370-1375.	1.4	22
63	DMF-Catalyzed Direct and Regioselective C^{α} -H Functionalization: Electrophilic/Nucleophilic α -Halogenation of α -Oxy β -lactams. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5323-5330.	1.2	38
64	Synthesis, crystal structure, and fungicidal activity of novel 1,5-diaryl-1 <i>H</i> -pyrazol-3-oxyacetate derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 897-902.	1.4	23
65	Crystal structure of a novel inner salt 4-guanidino-2-hydroxybenzoic acid. <i>Journal of Chemical Crystallography</i> , 2005, 35, 561-564.	0.5	1
66	Synthesis, insecticidal activities, and structure-activity relationships of 1,3,4-oxadiazole ring-containing pyridylpyrazole-4-carboxamides as novel insecticides of the anthranilic diamide family. <i>Journal of Heterocyclic Chemistry</i> , 0, , .	1.4	5
67	Anchoring Boron Atom to the Specific Tetrahedral Sites of Borosilicate MFI by Imidazolium-based Molecules. <i>CrystEngComm</i> , 0, , .	1.3	1