# 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 | Digestibility of sulfated polysaccharide from the brown seaweed Ascophyllum nodosum and its effect on the human gut microbiota in vitro. International Journal of Biological Macromolecules, 2018, 112, 1055-1061. | 3.6 | 94 |
| 2 | Cu(I)- or Ag(I)-Catalyzed Regio- and Stereocontrolled trans-Hydrofluorination of Ynamides. Organic Letters, 2016, 18, 1856-1859. | 2.4 | 62 |
| 3 | AIE-active Ir(<scp>iii</scp>) complexes with tunable emissions, mechanoluminescence and their application for data security protection. Journal of Materials Chemistry C, 2016, 4, 2553-2559. | 2.7 | 54 |
| 4 | Synergistically Enhanced Optical Limiting Property of Graphene Oxide Hybrid Materials Functionalized with Pt Complexes. ACS Applied Materials & Interfaces, 2017, 9, 33029-33040. | 4.0 | 54 |
| 5 | NIR luminescence for the detection of latent fingerprints based on ESIPT and AIE processes. RSC Advances, 2015, 5, 87306-87310. | 1.7 | 46 |
| 6 | Controlled Synthesis of 1,3,5-Oxadiazin-2-ones and Oxazolones through Regioselective Iodocyclization of Ynamides. Organic Letters, 2015, 17, 2510-2513. | 2.4 | 43 |
| 7 | A red-emitting fluorescent probe based on flavone for hydrazine detection and its application in aqueous solution. Analytical Methods, 2016, 8, 2267-2273. | 1.3 | 42 |
| 8 | AIE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. Journal of Materials Chemistry C, 2017, 5, 11781-11789. | 2.7 | 41 |
| 9 | DMFâ€Catalyzed Direct and Regioselective Câ€“H Functionalization: Electrophilic/Nucleophilic 4â€Halogenation of 3â€OxypyrÀazoles. European Journal of Organic Chemistry, 2011, 2011, 5323-5330. | 1.2 | 38 |
| 10 | Palladium-Catalyzed Intramolecular Cyclization of Ynamides: Synthesis of 4-Halo-oxazolones. Journal of Organic Chemistry, 2015, 80, 3480-3487. | 1.7 | 36 |
| 11 | Enhanced catalytic activity of MnCo-MOF-74 for highly selective aerobic oxidation of substituted toluene. Inorganic Chemistry Frontiers, 2018, 5, 1923-1932. | 3.0 | 36 |
| 12 | (IPr)CuF-catalyzed Î±-site regiocontrolled trans-hydrofluorination of ynamides. Organic and Biomolecular Chemistry, 2016, 14, 7746-7753. | 1.5 | 33 |
| 13 | AIPE-active Pt(<scp>ii</scp>) complexes with a tunable triplet excited state: design, mechanochromism and application in anti-counterfeiting. Inorganic Chemistry Frontiers, 2020, 7, 4677-4686. | 3.0 | 31 |
| 14 | 1,3,5-Triazine-Based Pt(II) Metallogel Material: Synthesis, Photophysical Properties, and Optical Power-Limiting Performance. Journal of Physical Chemistry C, 2019, 123, 15685-15692. | 1.5 | 30 |
| 15 | A fluorescence turn-on probe for hydrogen sulfide and biothiols based on PET & TICT and its imaging in HeLa cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118839. | 2.0 | 28 |
| 16 | Iodineâ€Mediated Oxidation of Ynamides: A Facile Access to Nâ€Monosubstituted Î±â€Ketoamides and Î±â€Ketoimides. European Journal of Organic Chemistry, 2014, 2014, 7174-7183. | 1.2 | 27 |
| 17 | Regioselective iodoamination of terminal ynamides for the synthesis of Î±-amino-Î²,Î²-diiodo-enamides. Chemical Communications, 2016, 52, 4321-4324. | 2.2 | 24 |
| 18 | Regio- and Stereoselective Hydrophosphorylation of Ynamides for the Synthesis of Î²-Aminovinylphosphine Oxides. Organic Letters, 2018, 20, 2778-2781. | 2.4 | 24 |

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|---|---|---|---|
| 19 | Synthesis, crystal structure, and fungicidal activity of novel 1,5-diaryl-1H-pyrazol-3-oxyacetate derivatives. Journal of Heterocyclic Chemistry, 2010, 47, 897-902. | 1.4 | 23 |
| 20 | Synthesis, Crystal Structure, and Fungicidal Activity of Novel 1,5â€Diarylâ€1Hâ€Pyrazolâ€3â€Oxy Derivatives Containing Oxyacetic Acid or Oxy(2â€thioxothiazolidinâ€3â€yl)ethanone Moieties. Journal of Heterocyclic Chemistry, 2012, 49, 1370-1375. | 1.4 | 22 |
| 21 | Synthesis, insecticidal activity, structureâ€“activity relationship (SAR) and density functional theory (DFT) of novel anthranilic diamides analogs containing 1,3,4-oxadiazole rings. RSC Advances, 2014, 4, 55445-55451. | 1.7 | 20 |
| 22 | Aza-boron-diquinomethene complexes bearing N-aryl chromophores: synthesis, crystal structures, tunable photophysics, the protonation effect and their application as pH sensors. Journal of Materials Chemistry C, 2015, 3, 3774-3782. | 2.7 | 20 |
| 23 | Generation of Oxazolidineâ€2,4â€diones Bearing Sulfurâ€Substituted Quaternary Carbon Atoms by Oxothiolation/Cyclization of Ynamides. Chemistry - A European Journal, 2016, 22, 2532-2538. | 1.7 | 19 |
| 24 | Formation of Î±-chalcogenyl acrylamides through unprecedented chalcogen-mediated metal-free oxyfunctionalization of ynamides with DMSO as an oxidant. Chemical Communications, 2016, 52, 5605-5608. | 2.2 | 19 |
| 25 | Iron(II) phthalocyanine immobilized SBA-15 catalysts: Preparation, characterization and application for toluene selective aerobic oxidation. Inorganica Chimica Acta, 2017, 467, 307-315. | 1.2 | 19 |
| 26 | Azo modified hyaluronic acid based nanocapsules: CD44 targeted, UV-responsive decomposition and drug release in liver cancer cells. Carbohydrate Polymers, 2021, 267, 118152. | 5.1 | 19 |
| 27 | Copper(I)â€Catalyzed Highly Regioâ€and Stereoselective Boron Additionâ€“Protonolysis of Alkynamides to give Alkenamides. European Journal of Organic Chemistry, 2013, 2013, 6979-6989. | 1.2 | 18 |
| 28 | A highly efficient, ligand-free and recyclable SBA-15 supported Cu<sub>2</sub>O catalyzed cyanation of aryl iodides with potassium hexacyanoferrate(<scp>ii</scp>). RSC Advances, 2014, 4, 37773-37778. | 1.7 | 15 |
| 29 | Highly regio- and stereoselective trans-iodofluorination of ynamides enabling the synthesis of (E)-Î±-fluoro-Î²-iodoenamides. Organic and Biomolecular Chemistry, 2017, 15, 7218-7226. | 1.5 | 15 |
| 30 | Nitrogen and sulphur co-doped carbon quantum dots and their optical power limiting properties. Materials Advances, 2020, 1, 3176-3181. | 2.6 | 15 |
| 31 | Liquid-phase oxidation of toluene to benzaldehyde with molecular oxygen catalyzed by copper nanoparticles supported on graphene. Research on Chemical Intermediates, 2018, 44, 4989-4998. | 1.3 | 14 |
| 32 | Aggregation-induced phosphorescent emission-active Ir(<scp>iii</scp>) complexes with a long lifetime for specific mitochondrial imaging and tracking. Journal of Materials Chemistry C, 2020, 8, 2467-2474. | 2.7 | 14 |
| 33 | Photocatalytic degradation of methylene blue solution by diphenylanthrazoline compounds. Journal of Physical Organic Chemistry, 2017, 30, e3712. | 0.9 | 13 |
| 34 | Physicochemical Characterization, Antioxidant and Immunostimulatory Activities of Sulfated Polysaccharides Extracted from Ascophyllum nodosum. Molecules, 2018, 23, 1912. | 1.7 | 13 |
| 35 | A Possible Reaction Pathway to Fabricate a Halfâ€Metallic Wire on a Silicon Surface. Advanced Functional Materials, 2013, 23, 2233-2238. | 7.8 | 12 |
| 36 | DFT study of Fe-Ni core-shell nanoparticles: Stability, catalytic activity, and interaction with carbon atom for single-walled carbon nanotube growth. Journal of Chemical Physics, 2015, 142, 074306. | 1.2 | 12 |

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| 37 | Tunable-emission and AIPE-active heteroleptic Ir(<scp>iii</scp>) complexes for fingermark detection via a spraying technique. Journal of Materials Chemistry C, 2018, 6, 10910-10915. | 2.7 | 12 |
| 38 | Promoted colorimetric response of spirooxazine derivative: a simple assay for sensitive mercury(II) detection. Research on Chemical Intermediates, 2016, 42, 5597-5605. | 1.3 | 8 |
| 39 | Synthesis, Luminescent Properties of aza-Boron-Diquinomethene Difluoride Complexes and Their Application for Fluorescent Security Inks. Journal of Fluorescence, 2016, 26, 407-412. | 1.3 | 8 |
| 40 | Iron(II) and copper(II) phthalocyanine-catalyzed synthesis of 2-nitro-4-methylsulfonylbenzoic acid under mild conditions. Journal of Chemical Sciences, 2017, 129, 1587-1594. | 0.7 | 8 |
| 41 | Ligand-Mediated Photophysics Adjustability in Bis-tridentate Ir(III) Complexes and Their Application in Efficient Optical Limiting Materials. Inorganic Chemistry, 2021, 60, 12835-12846. | 1.9 | 8 |
| 42 | Alginate-azo/chitosan nanocapsules in vitro drug delivery for hepatic carcinoma cells: UV-stimulated decomposition and drug release based on trans-to-cis isomerization. International Journal of Biological Macromolecules, 2021, 187, 214-222. | 3.6 | 8 |
| 43 | Graphene layers on Si-face and C-face surfaces and interaction with Si and C atoms in layer controlled graphene growth on SiC substrates. RSC Advances, 2015, 5, 78625-78633. | 1.7 | 7 |
| 44 | Pd/Cu-Catalyzed tandem head-to-tail dimerization/cycloisomerization of terminal ynamides for the synthesis of 5-vinyloxazolones. Organic and Biomolecular Chemistry, 2017, 15, 2923-2930. | 1.5 | 7 |
| 45 | Synthesis, Aggregation Induced Emission and Mechanochromic Luminescence of New Î²-Diketone Derivatives Bearing Tetraphenylene Moieties. Journal of Fluorescence, 2016, 26, 2005-2013. | 1.3 | 6 |
| 46 | Theoretical study on the self-assembly of 1,3,5-triethynylbenzene on Si(100)2 Ã— 1 and in situ polymerization via reaction with CO to fabricate a single surface-grafted polymer. Journal of Materials Chemistry C, 2017, 5, 3585-3591. | 2.7 | 6 |
| 47 | 1,2,4â€Oxadiazole ringâ€“containing pyridylpyrazoleâ€4â€carboxamides: Synthesis and evaluation as novel insecticides of the anthranilic diamide family. Journal of Heterocyclic Chemistry, 2020, 57, 1981-1992. | 1.4 | 6 |
| 48 | Benzothiazole derivatives with varied Ï€-conjugation: synthesis, tunable solid-state emission, and application in single-component LEDs. Journal of Materials Chemistry C, 2022, 10, 6392-6401. | 2.7 | 6 |
| 49 | Graphene layers on bimetallic Ni/Cu(111) surface and near surface alloys in controlled growth of graphene. RSC Advances, 2016, 6, 74973-74981. | 1.7 | 5 |
| 50 | Synthesis, insecticidal activities, and structureâ€“activity relationships of 1,3,4â€oxadiazoleâ€ringâ€containing pyridylpyrazoleâ€4â€carboxamides as novel insecticides of the anthranilic diamide family. Journal of Heterocyclic Chemistry, 0, , . | 1.4 | 5 |
| 51 | A new and efficient synthetic method for the herbicide carfentrazone-ethyl based on the Heck reaction. Research on Chemical Intermediates, 2015, 41, 5797-5808. | 1.3 | 4 |
| 52 | Aerobic Visibleâ€Light Induced Intermolecular Sâˆ’N Bond Construction: Synthesis of 1,2,4â€Thiadiazoles from Thioamides under Photosensitizerâ€Free Conditions. European Journal of Organic Chemistry, 2021, 2021, 3398-3402. | 1.2 | 4 |
| 53 | AIPE-Active Ir(III) complexes with tuneable photophysical properties and application in mitochondria-targeted dual-mode photodynamic therapy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120690. | 2.0 | 4 |
| 54 | Mesoâ€substituted boronâ€dipyrromethene compounds: synthesis, tunable solidâ€state emission, and application in blueâ€driven LEDs. Luminescence, 2021, 36, 1697-1705. | 1.5 | 2 |

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|---|---|---|---|
| 55 | Crystal structure of a novel inner salt 4-guanidino-2-hydroxybenzoic acid. Journal of Chemical Crystallography, 2005, 35, 561-564. | 0.5 | 1 |
| 56 | Stereoselective synthesis of (R)-salmeterol via asymmetric cyanohydrin reaction. Chemical Research in Chinese Universities, 2014, 30, 770-773. | 1.3 | 1 |
| 57 | Synthesis and Optical Properties of Novel Fluorescenceâ€Traced Benzimidazolium Bromides. Journal of Heterocyclic Chemistry, 2014, 51, E71. | 1.4 | 1 |
| 58 | An efficient procedure for synthesis of 2-formylcyclopent-2-enecarboxylic acid. Research on Chemical Intermediates, 2015, 41, 6033-6039. | 1.3 | 1 |
| 59 | Solvent-induced aggregation based on a heteroleptic Ir(<scp>iii</scp>) complex via hydrogen bonds. Journal of Materials Chemistry C, 2019, 7, 6941-6949. | 2.7 | 1 |
| 60 | New bisâ€photochromic compounds based on diarylimidazoles: Synthesis and multistimuliâ€responsive optical properties. Luminescence, 2021, 36, 684-690. | 1.5 | 1 |
| 61 | Sustainedâ€release ibuprofen prodrug particle: Emulsifier and initiator regulate the diameter and distribution. Journal of Applied Polymer Science, 2021, 138, 49779. | 1.3 | 1 |
| 62 | Anchoring Boron Atom to the Specific Tetrahedral Sites of Borosilicate MFI by Imidazolium-based Molecules. CrystEngComm, 0, , . | 1.3 | 1 |
| 63 | Quinazolineâ€Assisted orthoâ€Halogenation with Nâ€Halosuccinimides through Pd(II)â€Catalyzed C(sp<sup>2</sup>)â^'H Activation. European Journal of Organic Chemistry, 2022, 2022, . | 1.2 | 1 |
| 64 | Synthesis, Spectroscopic Characteristics, DFT Study and Dyeing Performance of Bischlorotriazine Based Waterâ€Soluble Reactive Dyes. ChemistrySelect, 2022, 7, . | 0.7 | 1 |
| 65 | Synthesis, Photophysics, and Electronic Structures of Benzeneâ€Linked Bispyrimidine Compounds. Asian Journal of Organic Chemistry, 2015, 4, 346-353. | 1.3 | 0 |
| 66 | Diarylamino-substituted perylene compound: synthesis, fluorescence, and application in yellow LEDs. Chemical Papers, 2021, 75, 6455-6463. | 1.0 | 0 |
| 67 | Synthesis, luminescence, and excitedâ€state absorption properties of disubstituted perylene diimide derivatives modified at bay region. Luminescence, 2021, , . | 1.5 | 0 |