

Gongfang Hu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

399
citations

840776

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h-index

752698

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22
all docs

22
docs citations

22
times ranked

609
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Framework Photoconductivity via Time-Resolved Terahertz Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 9793-9797.	13.7	44
2	Panchromatic chromophore-tetrapyrrole light-harvesting arrays constructed from Bodipy, perylene, terylene, porphyrin, chlorin, and bacteriochlorin building blocks. <i>New Journal of Chemistry</i> , 2016, 40, 8032-8052.	2.8	38
3	Heterogeneous Nature of Electrocatalytic CO/CO ₂ Reduction by Cobalt Phthalocyanines. <i>ChemSusChem</i> , 2020, 13, 6296-6299.	6.8	37
4	Strongly Coupled Phenazine-Porphyrin Dyads: Light-Harvesting Molecular Assemblies with Broad Absorption Coverage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8000-8008.	8.0	36
5	Tailoring Panchromatic Absorption and Excited-State Dynamics of Tetrapyrrole-Chromophore (Bodipy, Rylene) Arrays: Interplay of Orbital Mixing and Configuration Interaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 17547-17564.	13.7	34
6	Oligo(3,6-phenanthrene ethynyls): Synthesis, Characterization, and Photoluminescence. <i>Journal of Organic Chemistry</i> , 2013, 78, 3001-3008.	3.2	32
7	Electrocatalytic, Homogeneous Ammonia Oxidation in Water to Nitrate and Nitrite with a Copper Complex. <i>Journal of the American Chemical Society</i> , 2022, 144, 8449-8453.	13.7	31
8	Spectroelectrochemistry of Water Oxidation Kinetics in Molecular versus Heterogeneous Oxide Iridium Electrocatalysts. <i>Journal of the American Chemical Society</i> , 2022, 144, 8454-8459.	13.7	25
9	Synthesis of arrays containing porphyrin, chlorin, and perylene-imide constituents for panchromatic light-harvesting and charge separation. <i>RSC Advances</i> , 2018, 8, 23854-23874.	3.6	22
10	An efficient synthesis of heptaaryldipyrromethenes from tetraarylcyclopentadienones and ammonium acetate and their extension to the corresponding BODIPYs. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8848.	2.8	15
11	Comparison of the growth and degradation of poly(glycolic acid) and poly(μ -caprolactone) brushes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4643-4649.	2.3	12
12	Tuning the Electronic Structure and Properties of Perylene-Porphyrin-Perylene Panchromatic Absorbers. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7434-7450.	2.5	12
13	Accessing Molecular Dimeric Ir Water Oxidation Catalysts from Coordination Precursors. <i>Inorganic Chemistry</i> , 2021, 60, 14349-14356.	4.0	12
14	Synthesis of tailored hydrodipyrrens and their examination in directed routes to bacteriochlorins and tetrahydrocorrins. <i>New Journal of Chemistry</i> , 2017, 41, 11170-11189.	2.8	10
15	Surprisingly big linker-dependence of activity and selectivity in CO ₂ reduction by an iridium pincer complex. <i>Chemical Communications</i> , 2020, 56, 9126-9129.	4.1	10
16	Aqueous solubilization of hydrophobic tetrapyrrole macrocycles by attachment to an amphiphilic single-chain nanoparticle (SCNP). <i>New Journal of Chemistry</i> , 2020, 44, 21293-21308.	2.8	7
17	Cation-exchanged conductive Mn ₂ D5BDC metal-organic frameworks: Synthesis, structure, and THz conductivity. <i>Polyhedron</i> , 2021, 203, 115182.	2.2	7
18	Diazo coupling for surface attachment of small molecules to TiO ₂ nanoparticles. <i>Chemical Communications</i> , 2020, 56, 9340-9343.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Experimental Verification of Ir 5d Orbital States and Atomic Structures in Highly Active Amorphous Iridium Oxide Catalysts. ACS Catalysis, 2021, 11, 10084-10094.	11.2	4
20	9,11,12,14-tetraaryldibenzo[<i>h</i>][<i>f</i>]imidazo[1,2- <i>b</i>]isoquinolines and Their Emission Responses to Solvent Polarity, Acidity, and Nitroarenes. European Journal of Organic Chemistry, 2013, 2013, 7320-7327.	2.4	3
21	Organometallic complexes as preferred precursors to form molecular Ir(pyalk) coordination complexes for catalysis of oxygen evolution. Inorganica Chimica Acta, 2021, 526, 120507.	2.4	2
22	Red and near-infrared fluorophores inspired by chlorophylls: consideration of practical brightness in multicolor flow cytometry and biomedical sciences. , 2018, , .		1