

Jing-Shuang Dang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

331
citations

933447

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888059

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all docs

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docs citations

22
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	The strength and selectivity of perfluorinated nano-hoops and buckybowl for anion binding and the nature of anion-π interactions. <i>Journal of Computational Chemistry</i> , 2023, 44, 138-148.	3.3	0
2	Charge Transfer of Interfacial Catalysts for Hydrogen Energy. , 2022, 4, 967-977.		35
3	B36 nanoflake supported nickel as an efficient single-atom catalyst for oxygen reduction reaction: A first-principles study. <i>Molecular Catalysis</i> , 2021, 499, 111302.	2.0	1
4	Hydrogen and Halogen Bonding in Homogeneous External Electric Fields: Modulating the Bond Strengths. <i>Chemistry - A European Journal</i> , 2021, 27, 14042-14050.	3.3	7
5	Anchored atomic tungsten on a B ₄₀ cage: a highly active and selective single-atom catalyst for nitrogen reduction. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2469-2474.	2.8	9
6	Trapped copper in [6]cycloparaphenylene: a fully-exposed Cu ₇ single cluster for highly active and selective CO electro-reduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25922-25926.	10.3	7
7	Highly Efficient Cyclic Dinucleotide Based Artificial Metalloribozymes for Enantioselective Friedel-Crafts Reactions in Water. <i>Angewandte Chemie</i> , 2020, 132, 3472-3477.	2.0	1
8	Highly Efficient Cyclic Dinucleotide Based Artificial Metalloribozymes for Enantioselective Friedel-Crafts Reactions in Water. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3444-3449.	13.8	8
9	Reconfigurable and tunable photo-controlled hydrogel using hydrogen bonding to drive molecule self-assembly and cross-linking. <i>Journal of Materials Science</i> , 2020, 55, 14740-14750.	3.7	8
10	A Cu(II)-ATP complex efficiently catalyses enantioselective Diels-Alder reactions. <i>Nature Communications</i> , 2020, 11, 4792.	12.8	13
11	Defective h-BN sheet embedded atomic metals as highly active and selective electrocatalysts for NH ₃ fabrication via NO reduction. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22627-22634.	2.8	32
12	Strategically Formulating Aggregation-Induced Emission-Active Phosphorescent Emitters by Restricting the Coordination Skeletal Deformation of Pt(II) Complexes Containing Two Independent Monodentate Ligands. <i>Advanced Optical Materials</i> , 2020, 8, 2000079.	7.3	26
13	Interface Catalysts of Ni/Co ₂ N for Hydrogen Electrochemistry. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29357-29364.	8.0	8
14	Directional Diels-Alder cycloadditions of isoelectronic graphene and hexagonal boron nitride in oriented external electric fields: reaction axis rule vs. polarization axis rule. <i>Nanoscale</i> , 2020, 12, 15364-15370.	5.6	11
15	Hollow Bimetallic Zinc Cobalt Phosphosulfides for Efficient Overall Water Splitting. <i>Chemistry - A European Journal</i> , 2019, 25, 621-626.	3.3	29
16	Deciphering the Mechanism of Aggregation-Induced Emission of a Quinazolinone Derivative Displaying Excited-State Intramolecular Proton-Transfer Properties: A QM, QM/MM, and MD Study. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5440-5447.	5.3	24
17	High performance solution-processed organic yellow light-emitting devices and fluoride ion sensors based on a versatile phosphorescent Ir(III) complex. <i>Materials Chemistry Frontiers</i> , 2019, 3, 376-384.	5.9	17
18	Towards high performance solution-processed orange organic light-emitting devices: precisely-adjusting properties of Ir(III) complexes by reasonably engineering the asymmetric configuration with second functionalized cyclometalating ligands. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8836-8846.	5.5	20

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19	A mechanistic study of B ₃₆ -supported atomic Au promoted CO ₂ electroreduction to formic acid. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13935-13940.	10.3	25
20	First-Principles Determination of Active Sites of Ni Metal-Based Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39624-39630.	8.0	41
21	Magnetic and electronic properties of porphyrin-based molecular nanowires. <i>AIP Advances</i> , 2016, 6, 015216.	1.3	9