

Jing Zhang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient CO ₂ reduction over a Ru-pincer complex/TiO ₂ hybrid photocatalyst via direct Z-scheme mechanism. <i>Catalysis Science and Technology</i> , 2022, 12, 1637-1650.	4.1	8
2	Developing strong NIR absorption materials through linear planar π -conjugated cyclopalladated complex dimers. <i>Dalton Transactions</i> , 2021, 50, 1344-1348.	3.3	7
3	Brookite TiO ₂ Nanoparticles Decorated with Ag/MnO _x Dual Cocatalysts for Remarkably Boosted Photocatalytic Performance of the CO ₂ Reduction Reaction. <i>Langmuir</i> , 2021, 37, 12487-12500.	3.5	14
4	Facile Preparation Process of NiCoP@NiCoSe Nano-Bilayer Films for Oxygen Evolution Reaction with High Efficiency and Long Duration. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1240-1251.	6.7	29
5	Porphyrin-Based Conjugated Polymers as Intrinsic Semiconducting Photocatalysts for Robust H ₂ Generation under Visible Light. <i>ACS Applied Energy Materials</i> , 2019, 2, 5665-5676.	5.1	39
6	Synthesis of Conjugated Main-Chain Ferrocene-Containing Polymers through Melt-State Polymerization. <i>Organometallics</i> , 2019, 38, 2972-2978.	2.3	9
7	Synthesis of Metal-Containing Poly(thiophene methines) via Solid- and Melt-State Polymerization and Their Related Applications as Highly Sensitive Ni ²⁺ Chemosensors. <i>Organometallics</i> , 2019, 38, 647-653.	2.3	7
8	Air-stable Ruthenium(II)-NNN Pincer Complexes for the Efficient Coupling of Aromatic Diamines and Alcohols to 1-H-benzimidazoles with the Liberation of H ₂ . <i>ChemCatChem</i> , 2018, 10, 1607-1613.	3.7	45
9	TiO ₂ modified with a Ru(II)-8-hydroxyquinolyl complex for efficient gaseous photoreduction of CO ₂ . <i>Catalysis Science and Technology</i> , 2018, 8, 2098-2103.	4.1	3
10	Ruthenium(II) Pincer Complex Bearing π -and ONO-type Ligands as a Titania Sensitizer for Efficient and Stable Visible-Light-Driven Hydrogen Production. <i>ChemPhotoChem</i> , 2018, 2, 765-772.	3.0	9
11	Ni(II)-pincer complexes catalyzed dehydrogenation of primary alcohols to carboxylic acids and H ₂ accompanied by alcohol etherification. <i>Catalysis Science and Technology</i> , 2017, 7, 2506-2511.	4.1	38
12	Syntheses of asymmetric zinc porphyrins bearing different pseudo-pyridine substituents and their photosensitization for visible-light-driven H ₂ production activity. <i>Dalton Transactions</i> , 2017, 46, 8219-8228.	3.3	36
13	Ru(II) complexes bearing 2,6-bis(benzimidazole-2-yl)pyridine ligands: A new class of catalysts for efficient dehydrogenation of primary alcohols to carboxylic acids and H ₂ in the alcohol/CsOH system. <i>Journal of Organometallic Chemistry</i> , 2017, 830, 11-18.	1.8	57
14	Oxidant-free synthesis of benzimidazoles from alcohols and aromatic diamines catalysed by new Ru(II)-PNS(O) pincer complexes. <i>Dalton Transactions</i> , 2017, 46, 15012-15022.	3.3	28
15	Asymmetric Zinc Porphyrin Derivative-Sensitized Graphitic Carbon Nitride for Efficient Visible-Light-Driven H ₂ Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7549-7556.	6.7	66
16	New Ni(II) complexes based on NN-pincer ligands: syntheses, structures and BF ₄ ⁻ cleavage of BF ₄ ⁺ promoted by a di-cationic Ni(II) center. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2353-2363.	2.2	3
17	Solution-Processable Cu(II) Phthalocyanine Derivative as Dopant-Free Hole Transport Layer for Efficient and Low-Cost Rutile TiO ₂ Array-Based Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	2