

Jin-Han Guo

List of Publications by Year in descending order

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938
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#	ARTICLE	IF	CITATIONS
1	Facet-dependent photocatalytic hydrogen production of metal-organic framework NH ₂ -MIL-125(Ti). <i>Chemical Science</i> , 2019, 10, 4834-4838.	7.4	133
2	Boosting Photocatalytic CO ₂ Reduction Efficiency by Heterostructures of NH ₂ -MIL-101(Fe)/g-C ₃ N ₄ . <i>ACS Applied Energy Materials</i> , 2020, 3, 3946-3954.	5.1	125
3	Solvent-Free Photoreduction of CO ₂ to CO Catalyzed by Fe-MOFs with Superior Selectivity. <i>Inorganic Chemistry</i> , 2019, 58, 8517-8524.	4.0	89
4	Porous Metal-Organic Frameworks with Chelating Multiamine Sites for Selective Adsorption and Chemical Conversion of Carbon Dioxide. <i>Inorganic Chemistry</i> , 2018, 57, 2695-2704.	4.0	87
5	Structure-dependent iron-based metal-organic frameworks for selective CO ₂ -to-CH ₄ photocatalytic reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25850-25856.	10.3	64
6	Integrating Nickel-Nitrogen Doped Carbon Catalyzed CO ₂ Electroreduction with Chlor-Alkali Process for CO, Cl ₂ and KHCO ₃ Production with Enhanced Techno-Economics. <i>Applied Catalysis B: Environmental</i> , 2020, 275, 119154.	20.2	56
7	Cucurbit[6]uril-based supramolecular assemblies incorporating metal complexes with multiaromatic ligands as structure-directing agent for detection of aromatic amines and nitroaromatic compounds. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 844-853.	7.8	50
8	Cadmium(II) coordination polymers based on 2-(4-(<i>E</i>)-2-(pyridine-2-yl)vinyl)styryl)pyridine and dicarboxylate ligands as fluorescent sensors for TNP. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12623-12630.	5.5	39
9	Controlled synthesis of micro/nanoscale Mg-MOF-74 materials and their adsorption property. <i>Materials Letters</i> , 2018, 223, 174-177.	2.6	36
10	Metalloporphyrin Encapsulation for Enhanced Conversion of CO ₂ to C ₂ H ₄ . <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25937-25945.	8.0	33
11	Iron(III)-bipyridine incorporated metal-organic frameworks for photocatalytic reduction of CO ₂ with improved performance. <i>Dalton Transactions</i> , 2021, 50, 384-390.	3.3	30
12	Nanoporous Metal-Organic Framework-Based Ellipsoidal Nanoparticles for the Catalytic Electroreduction of CO ₂ . <i>ACS Applied Nano Materials</i> , 2020, 3, 2625-2635.	5.0	28
13	Coordination polymers with a pyridyl-salen ligand for photocatalytic carbon dioxide reduction. <i>Chemical Communications</i> , 2020, 56, 4110-4113.	4.1	26
14	An iron-nitrogen doped carbon and CdS hybrid catalytic system for efficient CO ₂ photochemical reduction. <i>Chemical Communications</i> , 2021, 57, 2033-2036.	4.1	16
15	A MOF-74(Ni) derived partially oxidized Ni@C catalyst for SO ₂ electro-oxidation integrated with solar driven hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3588-3592.	4.9	3