

Fengtao Zhang

List of Publications by Year in descending order

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papers

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21
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#	ARTICLE	IF	CITATIONS
1	Carbon Nitride-Based Single-Atom Cu Catalysts for Highly Efficient Carboxylation of Alkynes with Atmospheric CO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7327-7335.	3.7	53
2	A rose bengal-functionalized porous organic polymer for carboxylative cyclization of propargyl alcohols with CO ₂ . <i>Chemical Communications</i> , 2019, 55, 12475-12478.	4.1	43
3	Hydrogen-Bonding Catalyzed Ring-Closing C=O/C=O Metathesis of Aliphatic Ethers over Ionic Liquid under Metal-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11850-11855.	13.8	43
4	Surface Roughness: A Crucial Factor To Robust Electric Double Layer Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5786-5792.	8.0	40
5	Highly Perfluorinated Covalent Triazine Frameworks Derived from a Low-Temperature Ionothermal Approach Towards Enhanced CO ₂ Electroreduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25688-25694.	13.8	36
6	Ambient reductive synthesis of N-heterocyclic compounds over cellulose-derived carbon supported Pt nanocatalyst under H ₂ atmosphere. <i>Green Chemistry</i> , 2020, 22, 3820-3826.	9.0	23
7	Photocatalytic Reduction of Carbon Dioxide over Quinacridone Nanoparticles Supported on Reduced Graphene Oxide. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9636-9643.	3.7	22
8	Hydrogen-bond donor and acceptor cooperative catalysis strategy for cyclic dehydration of diols to access O-heterocycles. <i>Science Advances</i> , 2021, 7, .	10.3	19
9	Salt-induced silk gel-derived N and trace Fe co-doped 3D porous carbon as an oxygen reduction catalyst in microbial fuel cells. <i>Nanoscale</i> , 2019, 11, 13431-13439.	5.6	18
10	Amide-bridged conjugated organic polymers: efficient metal-free catalysts for visible-light-driven CO ₂ reduction with H ₂ O to CO. <i>Chemical Science</i> , 2021, 12, 11548-11553.	7.4	18
11	Hydrogenation of Carbon Dioxide to C ₂ -C ₄ Hydrocarbons Catalyzed by Pd(<i>tert</i> -Bu) ₃ ₂ FeCl ₂ with Ionic Liquid as Cocatalyst. <i>ChemSusChem</i> , 2019, 12, 4390-4394.	6.8	17
12	Photocatalytic Reduction of CO ₂ to CO over Quinacridone/BiVO ₄ Nanocomposites. <i>ChemSusChem</i> , 2020, 13, 5565-5570.	6.8	16
13	Hydrogen-Bonding Catalyzed Ring-Closing C=O/C=O Metathesis of Aliphatic Ethers over Ionic Liquid under Metal-Free Conditions. <i>Angewandte Chemie</i> , 2020, 132, 11948-11953.	2.0	15
14	A CO ₂ -mediated base catalysis approach for the hydration of triple bonds in ionic liquids. <i>Green Chemistry</i> , 2021, 23, 9870-9875.	9.0	10
15	DFT-Assisted Design of A Conjugated Polymers for Photocatalytic Reduction of Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9460-9468.	6.7	8
16	Hydrogen bonding-catalysed alcoholysis of propylene oxide at room temperature. <i>Chemical Communications</i> , 2021, 57, 8734-8737.	4.1	7
17	Hydrogen-Bonding-Mediated Selective Hydrogenation of Aromatic Ketones over Pd/C in Ionic Liquids at Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14216-14223.	6.7	7
18	Cobalt Carbonate-Coated Nitrogen-Doped Carbon Nanotubes with a Sea-Cucumber Morphology for Electrocatalytic Water Splitting. <i>Langmuir</i> , 2021, 37, 14767-14776.	3.5	7

#	ARTICLE	IF	CITATIONS
19	Interface engineered Co, Ni, Fe, Cu oxide hybrids with biphasic structures for water splitting with enhanced activity. Journal of Colloid and Interface Science, 2022, 609, 149-157.	9.4	6
20	Carbazolic Conjugated Organic Polymers for Visible-Light-Driven CO ₂ Photoreduction with H ₂ O to CO with High Efficiency and Selectivity. ChemSusChem, 2022, 15, .	6.8	6
21	Highly Perfluorinated Covalent Triazine Frameworks Derived from a Low-Temperature Ionothermal Approach Towards Enhanced CO ₂ Electroreduction. Angewandte Chemie, 2021, 133, 25892.	2.0	2