

Junying Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

2,925
citations

21
h-index

28
g-index

28
ext. papers

3,586
ext. citations

11.3
avg, IF

5.68
L-index

#	Paper	IF	Citations
27	Copper-doped zinc sulfide nanoframes with three-dimensional photocatalytic surfaces for enhanced solar driven H ₂ production. <i>Chinese Journal of Catalysis</i> , 2022 , 43, 782-792	11.3	0
26	Hierarchically porous Fe,N-doped carbon nanorods derived from 1D Fe-doped MOFs as highly efficient oxygen reduction electrocatalysts in both alkaline and acidic media. <i>Nanoscale</i> , 2021 , 13, 10500-10508	7.7	10508 ⁶
25	Simple 2D/0D CoP Integration in a Metal-Organic Framework-Derived Bifunctional Electrocatalyst for Efficient Overall Water Splitting. <i>ChemSusChem</i> , 2020 , 13, 3495-3503	8.3	12
24	Synthetic Factors Affecting the Scalable Production of Zeolitic Imidazolate Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3632-3646	8.3	25
23	Few-layered 1T-MoS ₂ -modified ZnCoS solid-solution hollow dodecahedra for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8472-8484	13	34
22	Novel ZnCdS Quantum Dots Engineering for Enhanced Visible-Light-Driven Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13805-13814	8.3	38
21	General Immobilization of Ultrafine Alloyed Nanoparticles within Metal-Organic Frameworks with High Loadings for Advanced Synergetic Catalysis. <i>ACS Central Science</i> , 2019 , 5, 176-185	16.8	39
20	Phase-controllable synthesis of MOF-templated maghemite/carbonaceous composites for efficient photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3571-3582	13	34
19	Ordered macro-microporous metal-organic framework single crystals. <i>Science</i> , 2018 , 359, 206-210	33.3	570
18	Nanoreactor of MOF-Derived Yolk/Shell : Precisely Controllable Structure and Enhanced Catalytic Activity. <i>ACS Catalysis</i> , 2018 , 8, 1417-1426	13.1	196
17	A high-valent di-μ-oxo dimanganese complex covalently anchored in a metal-organic framework as a highly efficient and recoverable water oxidation catalyst. <i>Chemical Communications</i> , 2018 , 54, 4188-4191	5.8	7
16	Multi-Level Architecture Optimization of MOF-Templated Co-Based Nanoparticles Embedded in Hollow N-Doped Carbon Polyhedra for Efficient OER and ORR. <i>ACS Catalysis</i> , 2018 , 8, 7879-7888	13.1	247
15	Solvent-Driven Selectivity Control to Either Anilines or Dicyclohexylamines in Hydrogenation of Nitroarenes over a Bifunctional Pd/MIL-101 Catalyst. <i>ACS Catalysis</i> , 2018 , 8, 10641-10648	13.1	35
14	Self-Templated Formation of Pt@ZIF-8/SiO ₂ Composite with 3D-Ordered Macropores and Size-Selective Catalytic Properties. <i>Small Methods</i> , 2018 , 2, 1800219	12.8	20
13	Fabricating sandwich-shelled ZnCdS/ZnO/ZnCdS dodecahedral cages with one stone-as Z-scheme photocatalysts for highly efficient hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19631-19642	13	19642 ⁶⁹
12	Hollow-ZIF-templated formation of a ZnO@CNiCo core-shell nanostructure for highly efficient pollutant photodegradation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9937-9945	13	111
11	Greening the Processes of Metal-Organic Framework Synthesis and their Use in Sustainable Catalysis. <i>ChemSusChem</i> , 2017 , 10, 3165-3187	8.3	97

10	Seed-induced and additive-free synthesis of oriented nanorod-assembled meso/macroporous zeolites: toward efficient and cost-effective catalysts for the MTA reaction. <i>Catalysis Science and Technology</i> , 2017 , 7, 5143-5153	5.5	22
9	Hollow ZnCdS dodecahedral cages for highly efficient visible-light-driven hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24116-24125	13	132
8	Rational design of hollow N/Co-doped carbon spheres from bimetal-ZIFs for high-efficiency electrocatalysis. <i>Chemical Engineering Journal</i> , 2017 , 330, 736-745	14.7	71
7	Development of MOF-Derived Carbon-Based Nanomaterials for Efficient Catalysis. <i>ACS Catalysis</i> , 2016 , 6, 5887-5903	13.1	810
6	Factors Controlling the Chemoselectivity in the Oxidation of Olefins by Nonheme Manganese(IV)-Oxo Complexes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10654-63	16.4	44
5	Efficient and selective green oxidation of alcohols by MOF-derived magnetic nanoparticles as a recoverable catalyst. <i>RSC Advances</i> , 2016 , 6, 26921-26928	3.7	32
4	The Road to MOF-Related Functional Materials and Beyond: Desire, Design, Decoration, and Development. <i>Chemical Record</i> , 2016 , 16, 1456-76	6.6	14
3	Mononuclear nonheme iron(IV)-oxo and manganese(IV)-oxo complexes in oxidation reactions: experimental results prove theoretical prediction. <i>Chemical Communications</i> , 2015 , 51, 13094-7	5.8	34
2	Tuning the Reactivity of Mononuclear Nonheme Manganese(IV)-Oxo Complexes by Triflic Acid. <i>Chemical Science</i> , 2015 , 6, 3624-3632	9.4	70
1	A mononuclear non-heme manganese(IV)-oxo complex binding redox-inactive metal ions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6388-91	16.4	156