Jilan Long

List of Publications by Year
in descending order

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24 papers	2,098 citations	471371 17 h-index	610775 24 g-index
24 all docs	24 docs citations	24 times ranked	3420 citing authors

#	Article	IF	Citations
1	Ordered macro-microporous metal-organic framework single crystals. Science, 2018, 359, 206-210.	6.0	836
2	Selective Oxidation of Saturated Hydrocarbons Using Auâ€“Pd Alloy Nanoparticles Supported on Metalâ€“Organic Frameworks. ACS Catalysis, 2013, 3, 647-654.	5.5	211
3	MOFs-Templated Co@Pd Coreâ€“Shell NPs Embedded in N-Doped Carbon Matrix with Superior Hydrogenation Activities. ACS Catalysis, 2015, 5, 5264-5271.	5.5	198
4	Bifunctional N-Doped Co@C Catalysts for Base-Free Transfer Hydrogenations of Nitriles: Controllable Selectivity to Primary Amines vs Imines. ACS Catalysis, 2017, 7, 275-284.	5.5	151
5	Multimetal-MOF-derived transition metal alloy NPs embedded in an N-doped carbon matrix: highly active catalysts for hydrogenation reactions. Journal of Materials Chemistry A, 2016, 4, 10254-10262.	5.2	127
6	Transfer hydrogenation of unsaturated bonds in the absence of base additives catalyzed by a cobalt-based heterogeneous catalyst. Chemical Communications, 2015, 51, 2331-2334.	2.2	95
7	The development of MOFs-based nanomaterials in heterogeneous organocatalysis. Science Bulletin, 2018, 63, 502-524.	4.3	61
8	MOFs-Derived Co@CN bi-functional catalysts for selective transfer hydrogenation of Î±,Î²-unsaturated aldehydes without use of base additives. Materials Chemistry Frontiers, 2017, 1, 2005-2012.	3.2	52
9	Novel fusiform core-shell-MOF derived intact metal@carbon composite: An efficient cathode catalyst for aqueous and solid-state Zn-air batteries. Journal of Energy Chemistry, 2022, 64, 385-394.	7.1	50
10	Well-organized Co-Ni@NC material derived from hetero-dinuclear MOFs as efficient electrocatalysts for oxygen reduction. Catalysis Communications, 2017, 95, 31-35.	1.6	48
11	Chromium-Based Metalâ€“Organic Framework MIL-101 Decorated with CdS Quantum Dots for the Photocatalytic Synthesis of Imines. ACS Applied Nano Materials, 2019, 2, 6818-6827.	2.4	42
12	Urea treated metal organic frameworks-graphene oxide composites derived N-doped Co-based materials as efficient catalyst for enhanced oxygen reduction. Journal of Power Sources, 2019, 425, 76-86.	4.0	41
13	Selective hydrogenation of nitriles to imines over a multifunctional heterogeneous Pt catalyst. AICHE Journal, 2014, 60, 3565-3576.	1.8	29
14	Activation of molecular oxygen by a metalâ€“organic framework with open 2,2â€²-bipyridine for selective oxidation of saturated hydrocarbons. Chemical Communications, 2012, 48, 12109.	2.2	27
15	Cu-MOF@Co-MOF derived Coâ€“Cu alloy nanoparticles and N atoms co-doped carbon matrix as efficient catalyst for enhanced oxygen reduction. International Journal of Hydrogen Energy, 2020, 45, 15785-15795.	3.8	27
16	Ni-based catalysts derived from a metal-organic framework for selective oxidation of alkanes. Chinese Journal of Catalysis, 2016, 37, 955-962.	6.9	26
17	Nitrogen and Phosphorus Dualâ€doped Porous Carbon Nanosheets for Efficient Oxygen Reduction in Both Alkaline and Acidic Media. ChemCatChem, 2018, 10, 4038-4046.	1.8	23
18	Novel in-situ P-doped metal-organic frameworks derived cobalt and heteroatoms co-doped carbon matrix as high-efficient electrocatalysts. International Journal of Hydrogen Energy, 2020, 45, 32972-32983.	3.8	14

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19	Metal-organic frameworks/ hydrotalcite/graphene oxide sandwich composites derived Fe-Ce@GSL hierarchical materials as highly efficient catalysts for rechargeable Zn-air batteries. Journal of Colloid and Interface Science, 2022, 625, 555-564.	5.0	13
20	Photocatalytic oxidation 5-Hydroxymethylfurfural to 2, 5-diformylfuran under air condition over porous TiO2@MOF. Journal of Solid State Chemistry, 2021, 303, 122510.	1.4	8
21	Fast acid-leaching strategy treated hollow cobaltâ€“carbon materials as highly efficient electrochemical catalysts for Znâ€“air batteries. Materials Chemistry Frontiers, 2022, 6, 163-175.	3.2	7
22	Structural and interface engineering of Co nanocatalysts induce boosting the electrochemical performance for rechargeable zinc-air battery. Applied Surface Science, 2022, 602, 154304.	3.1	5
23	Sandwich template derived porous ZnO@gCN heterostructure nanocomposites and the enhanced photocatalytic efficiency in oxidative coupling of amines. Optical Materials, 2020, 109, 110432.	1.7	4
24	Copperâ€Catalyzed Tandem Crossâ€Coupling/Annulation of Phenols with Ketoximes through Dual Câ^'H Functionalization: Synthesis of Substituted 2â€Arylâ€1Hâ€indoles. Asian Journal of Organic Chemistry, 2021, 10, 1382-1385.	1.3	3