

Zhangping Shi

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.

25
papers

2,044
citations

18
h-index

25
g-index

25
ext. papers

2,397
ext. citations

9
avg, IF

5
L-index

#	Paper	IF	Citations
25	Mesocrystal morphology regulation by "alkali metals ion switch": Re-examining zeolite nonclassical crystallization in seed-induced process. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 1366-1376	9.3	0
24	CoxNi1-x nanoalloys on N-doped carbon nanofibers: Electronic regulation toward efficient electrochemical CO2 reduction. <i>Journal of Catalysis</i> , 2019 , 372, 277-286	7.3	15
23	Structural Design and Electronic Modulation of Transition-Metal-Carbide Electrocatalysts toward Efficient Hydrogen Evolution. <i>Advanced Materials</i> , 2019 , 31, e1802880	24	267
22	Organic-Inorganic-Hybrid-Derived Molybdenum Carbide Nanoladders: Impacts of Surface Oxidation for Hydrogen Evolution Reaction. <i>ChemNanoMat</i> , 2018 , 4, 194-202	3.5	19
21	Molybdenum-Incorporated Mesoporous Silica: Surface Engineering toward Enhanced Metal-Support Interactions and Efficient Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42475-42483	9.5	10
20	Phosphorus-Mo2C@carbon nanowires toward efficient electrochemical hydrogen evolution: composition, structural and electronic regulation. <i>Energy and Environmental Science</i> , 2017 , 10, 1262-1274	35.4	295
19	Mesoporous and Skeletal Molybdenum Carbide for Hydrogen Evolution Reaction: Diatomite-Type Structure and Formation Mechanism. <i>ChemElectroChem</i> , 2017 , 4, 2169-2177	4.3	23
18	Electrospinning Hetero-Nanofibers of Fe C-Mo C/Nitrogen-Doped-Carbon as Efficient Electrocatalysts for Hydrogen Evolution. <i>ChemSusChem</i> , 2017 , 10, 2597-2604	8.3	82
17	Seeding Bundlelike MFI Zeolite Mesocrystals: A Dynamic, Nonclassical Crystallization via Epitaxially Anisotropic Growth. <i>Chemistry of Materials</i> , 2017 , 29, 9247-9255	9.6	18
16	Bimetallic Platinum-Tin Nanoparticles on Hydrogenated Molybdenum Oxide for the Selective Hydrogenation of Functionalized Nitroarenes. <i>ChemCatChem</i> , 2017 , 9, 4199-4205	5.2	18
15	Chemoselective hydrogenation of α -unsaturated aldehydes on hydrogenated MoOx nanorods supported iridium nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2016 , 425, 248-254		33
14	Enhancing Metal-Support Interactions by Molybdenum Carbide: An Efficient Strategy toward the Chemoselective Hydrogenation of α -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2016 , 22, 5698-704	4.8	31
13	Tailoring Zeolite ZSM-5 Crystal Morphology/Porosity through Flexible Utilization of Silicalite-1 Seeds as Templates: Unusual Crystallization Pathways in a Heterogeneous System. <i>Chemistry - A European Journal</i> , 2016 , 22, 7141-51	4.8	21
12	Porous nanoMoC@graphite shell derived from a MOFs-directed strategy: an efficient electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6006-6013	13	158
11	Heteronanowires of MoC-MoC as efficient electrocatalysts for hydrogen evolution reaction. <i>Chemical Science</i> , 2016 , 7, 3399-3405	9.4	412
10	A highly effective and stable CuZn0.3MgxAlOy catalyst for the manufacture of chiral L-phenylalaninol: the role of Mg and its hydrotalcite-like precursor. <i>Catalysis Science and Technology</i> , 2016 , 6, 3457-3467	5.5	8
9	Cobalt-Doping in Molybdenum-Carbide Nanowires Toward Efficient Electrocatalytic Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2016 , 26, 5590-5598	15.6	311

8	Organic template-free synthesis of zeolite mordenite nanocrystals through exotic seed-assisted conversion. <i>RSC Advances</i> , 2016 , 6, 47623-47631	3.7	21
7	Mo ₂ C/Reduced-Graphene-Oxide Nanocomposite: An Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2016 , 3, 2110-2115	4.3	25
6	Dehydration of Glycerol to Acrolein over Hierarchical ZSM-5 Zeolites: Effects of Mesoporosity and Acidity. <i>ACS Catalysis</i> , 2015 , 5, 2548-2558	13.1	126
5	Microwave-Assisted Reactant-Protecting Strategy toward Efficient MoS ₂ Electrocatalysts in Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23741-9	9.5	88
4	Controlled nitridation of tantalum (oxy)nitride nanoparticles towards optimized metal-support interactions with gold nanocatalysts. <i>RSC Advances</i> , 2015 , 5, 89282-89289	3.7	10
3	Realization of a highly effective Pd ₁ Tu ₁ /Al ₂ O ₃ catalyst for low temperature CO oxidation by pre-synthesizing the active copper phase of Cu ₂ Cl(OH) ₃ . <i>Catalysis Science and Technology</i> , 2015 , 5, 3970-3979	5.5	17
2	Biodiesel synthesis over the CaO/ZrO ₂ solid base catalyst prepared by a urea/nitrate combustion method. <i>RSC Advances</i> , 2014 , 4, 51688-51695	3.7	25
1	Effects of the preparation method on the performance of the Cu/ZnO/Al ₂ O ₃ catalyst for the manufacture of L-phenylalaninol with high ee selectivity from L-phenylalanine methyl ester. <i>Catalysis Science and Technology</i> , 2014 , 4, 1132-1143	5.5	11