

Bin Yue

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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.

42
papers

566
citations

14
h-index

22
g-index

42
ext. papers

670
ext. citations

4.2
avg, IF

3.61
L-index

#	Paper	IF	Citations
42	Photocatalytic degradation of aqueous 4-chlorophenol by silica-immobilized polyoxometalates. <i>Environmental Science & Technology</i> , 2002 , 36, 1325-9	10.3	101
41	Heterogeneous Catalysis of Polyoxometalate Based Organic-Inorganic Hybrids. <i>Materials</i> , 2015 , 8, 1545-1567	3.57	60
40	Highly Dispersed Nickel-Containing Mesoporous Silica with Superior Stability in Carbon Dioxide Reforming of Methane: The Effect of Anchoring. <i>Materials</i> , 2014 , 7, 2340-2355	3.5	44
39	Three POM-based coordination polymers: hydrothermal synthesis, characterization, and catalytic activity in epoxidation of styrene. <i>CrystEngComm</i> , 2011 , 13, 7143	3.3	27
38	Synthesis and Characterization of V-HMS Employed for Catalytic Hydroxylation of Benzene. <i>Catalysis Letters</i> , 2009 , 131, 458-462	2.8	19
37	Direct hydroxylation of benzene to phenol using H ₂ O ₂ as an oxidant over vanadium-containing nitrogen doped mesoporous carbon catalysts. <i>RSC Advances</i> , 2016 , 6, 87656-87664	3.7	19
36	Effect of Brønsted/Lewis Acid Ratio on Conversion of Sugars to 5-Hydroxymethylfurfural over Mesoporous Nb and Nb-W Oxides. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1529-1539	4.9	17
35	Preparation and Characterization of Keggin Type Polyoxotungstates Containing Palladium or Iridium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997 , 27, 551-566		17
34	Crystalline three-dimensional cubic mesoporous niobium oxide. <i>CrystEngComm</i> , 2010 , 12, 344-347	3.3	16
33	Reforming of CH ₄ with CO ₂ over Rh/H-Beta: Effect of Rhodium Dispersion on the Catalytic Activity and Coke Resistance. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 1864-1870	4.9	16
32	Synthesis and characterization of noble-metal-substituted Dawson-type polyoxometalates. <i>Transition Metal Chemistry</i> , 1997 , 22, 321-325	2.1	16
31	Simultaneous Characterization of Solid Acidity and Basicity of Metal Oxide Catalysts via the Solid-State NMR Technique. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24094-24102	3.8	16
30	Self-assembly of Mesoporous Ni ₃ P Nanosphere Catalyst with Uniform Size and Enhanced Catalytic Activity in Nitrobenzene Hydrogenation. <i>Topics in Catalysis</i> , 2012 , 55, 1022-1031	2.3	15
29	Morphology-Dependent Catalytic Activity of Ru/CeO ₂ in Dry Reforming of Methane. <i>Molecules</i> , 2019 , 24,	4.8	14
28	Tuning Metal-Support Interactions on Ni/Al ₂ O ₃ Catalysts to Improve Catalytic Activity and Stability for Dry Reforming of Methane. <i>Processes</i> , 2021 , 9, 706	2.9	14
27	Formation of palladium concave nanocrystals via auto-catalytic tip overgrowth by interplay of reduction kinetics, concentration gradient and surface diffusion. <i>Nanoscale</i> , 2016 , 8, 8673-80	7.7	14
26	Promotional effect of cerium on nickel-containing mesoporous silica for carbon dioxide reforming of methane. <i>Science China Chemistry</i> , 2015 , 58, 148-155	7.9	12

25	Study of Oxygen Vacancies on Different Facets of Anatase TiO ₂ . <i>Chinese Journal of Chemistry</i> , 2019 , 37, 922-928	4.9	11
24	Direct synthesis of hierarchically porous TS-1 through a solvent-evaporation route and its application as an oxidation catalyst. <i>Applied Organometallic Chemistry</i> , 2014 , 28, 239-243	3.1	11
23	Controllable preparation and structures of two zinc phosphonocarboxylate frameworks with MER and RHO zeolitic topologies. <i>CrystEngComm</i> , 2013 , 15, 7056	3.3	11
22	Mixed-Addenda Lindqvist-Type Polyoxoanion [V ₂ W ₄ O ₁₉] ₄ Supported Copper Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 472-477	1.3	9
21	Construction of g-C ₃ N ₄ /Nb ₂ O ₅ Composites with Enhanced Visible Light Photocatalytic Activity. <i>Nanomaterials</i> , 2018 , 8,	5.4	8
20	Preparation and Characterization of Divanadium Pentoxide Nanowires inside SBA-15 Channels. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 33-37	4.9	8
19	Cerium promoted V-g-CN as highly efficient heterogeneous catalysts for the direct benzene hydroxylation. <i>Royal Society Open Science</i> , 2018 , 5, 180371	3.3	8
18	Three Polymeric Polyoxometalate Compounds Based on Twisted Poly-Keggin Chains. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1821-1826	2.3	7
17	Four organic/inorganic compounds based on polyoxometalates: crystal structures and catalytic epoxidation of styrene. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 506-521	1.6	6
16	Reforming of CH ₄ with CO ₂ over Co/Mg/Al oxide catalyst. <i>Chinese Chemical Letters</i> , 2013 , 24, 777-779	8.1	6
15	An aluminum promoted cesium salt of 12-tungstophosphoric acid: a catalyst for butane isomerization. <i>Catalysis Science and Technology</i> , 2013 , 3, 2113	5.5	6
14	Preparation of free-standing mesoporous metal catalysts and their applications in heterogeneous enantioselective hydrogenations. <i>Catalysis Science and Technology</i> , 2015 , 5, 638-649	5.5	5
13	The Effects of Exposed Specific Facets and Sulfation on the Surface Acidity of Cu O Solids. <i>Chemistry - A European Journal</i> , 2019 , 25, 14771-14774	4.8	5
12	Effect of Calcination Temperature on Structure and Properties of Sn/Nb ₂ O ₅ /Al ₂ O ₃ Catalyst for Ethylene Oxide Hydration. <i>Catalysis Letters</i> , 2008 , 124, 85-90	2.8	5
11	Synthesis of Cs _{2.5} H _{0.5} PW ₁₂ O ₄₀ /TiO ₂ Nanocomposites with Dominant TiO ₂ {001} Facets and Related Photocatalytic Properties. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 1151-1156	4.9	4
10	Synthesis, Structure, and Properties of Two Supramolecular Compounds Based on Silicotungstic Acid and Transition Metal(II) Coordinated Isonicotinic Acid. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 759-764	4.9	4
9	Honeycomb nanoscale-porous material constructed from copper complexes and mixed-addenda Lindqvist-type polyoxoanions. <i>CrystEngComm</i> , 2010 , 12, 3522	3.3	4
8	A study on the acidity of sulfated CuO layers grown by surface reconstruction of Cu ₂ O with specific exposed facets. <i>Catalysis Science and Technology</i> , 2020 , 10, 3985-3993	5.5	3

7	Three Polyoxometalate-Based Coordination Polymers Constructed from the Same Dimetallic Cyclic Building Block. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 488-493	2.3	2
6	Stabilisation of high-valent Cu in a Keggin-type polyoxometalate. <i>Chemical Communications</i> , 2020 , 56, 2324-2327	5.8	2
5	Determination of acid structures on the surface of sulfated monoclinic and tetragonal zirconia through experimental and theoretical approaches. <i>Catalysis Science and Technology</i> , 2022 , 12, 596-605	5.5	1
4	HPMoO Immobilized on Amine Functionalized SBA-15 as a Catalyst for Aldose Epimerization. <i>Materials</i> , 2020 , 13,	3.5	1
3	Improving Catalytic Stability and Coke Resistance of Ni/Al ₂ O ₃ Catalysts with Ce Promoter for Relatively Low Temperature Dry Reforming of Methane Reaction. <i>Chemical Research in Chinese Universities</i> , ¹	2.2	1
2	Effect of Adsorbed Water Molecules on the Surface Acidity of Niobium and Tantalum Oxides Studied by MAS NMR. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 9330-9341	3.8	1
1	Inside Cover: Effect of Brønsted/Lewis Acid Ratio on Conversion of Sugars to 5-Hydroxymethylfurfural over Mesoporous Nb and Nb-W Oxides (Chin. J. Chem. 10/2017). <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1480-1480	4.9	