

Bin Yue

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1406073/bin-yue-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
41	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
40	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
39	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
38	Stabilisation of high-valent Cu in a Keggin-type polyoxometalate. <i>Chemical Communications</i> , 2020 , 56, 2324-2327	5.8	2
37	HPMoO Immobilized on Amine Functionalized SBA-15 as a Catalyst for Aldose Epimerization. <i>Materials</i> , 2020 , 13,	3.5	1
36	Morphology-Dependent Catalytic Activity of Ru/CeO ₂ in Dry Reforming of Methane. <i>Molecules</i> , 2019 , 24,	4.8	14
35	Study of Oxygen Vacancies on Different Facets of Anatase TiO ₂ . <i>Chinese Journal of Chemistry</i> , 2019 , 37, 922-928	4.9	11
34	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
33	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
32	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
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	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
29	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	
28	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
27	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
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	Heterogeneous Catalysis of Polyoxometalate Based Organic-Inorganic Hybrids. <i>Materials</i> , 2015 , 8, 1545-1567	3.5	60
24	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
23	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
22	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
21	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
20	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
19	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
18	Controllable preparation and structures of two zinc phosphonocarboxylate frameworks with MER and RHO zeolitic topologies. <i>CrystEngComm</i> , 2013 , 15, 7056	3.3	11
17	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
16	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
15	Three Polymeric Polyoxometalate Compounds Based on Twisted Poly-Keggin Chains. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1821-1826	2.3	7
14	Self-assembly of Mesoporous NiB Nanosphere Catalyst with Uniform Size and Enhanced Catalytic Activity in Nitrobenzene Hydrogenation. <i>Topics in Catalysis</i> , 2012 , 55, 1022-1031	2.3	15
13	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
12	Three POM-based coordination polymers: hydrothermal synthesis, characterization, and catalytic activity in epoxidation of styrene. <i>CrystEngComm</i> , 2011 , 13, 7143	3.3	27
11	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
10	Honeycomb nanoscale-porous material constructed from copper complexes and mixed-addenda Lindqvist-type polyoxoanions. <i>CrystEngComm</i> , 2010 , 12, 3522	3.3	4
9	Crystalline three-dimensional cubic mesoporous niobium oxide. <i>CrystEngComm</i> , 2010 , 12, 344-347	3.3	16
8	Preparation and Characterization of Divanadium Pentoxide Nanowires inside SBA-15 Channels. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 33-37	4.9	8

7	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
6	Synthesis and Characterization of V-HMS Employed for Catalytic Hydroxylation of Benzene. <i>Catalysis Letters</i> , 2009 , 131, 458-462	2.8	19
5	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
4	Photocatalytic degradation of aqueous 4-chlorophenol by silica-immobilized polyoxometalates. <i>Environmental Science & Technology</i> , 2002 , 36, 1325-9	10.3	101
3	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
2	Synthesis and characterization of noble-metal-substituted Dawson-type polyoxometalates. <i>Transition Metal Chemistry</i> , 1997 , 22, 321-325	2.1	16
1	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