

Yibo Zhang

List of Publications by Year in descending order

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times ranked

2461
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#	ARTICLE	IF	CITATIONS
1	Atomic layer deposition of silica to improve the high-temperature hydrothermal stability of Cu-SSZ-13 for NH ₃ SCR of NO _x . Journal of Hazardous Materials, 2021, 416, 126194.	6.5	27
2	Highly recyclable cysteamine-modified acid-resistant MOFs for enhancing Hg (II) removal from water. Environmental Technology (United Kingdom), 2020, 41, 3094-3104.	1.2	23
3	MnO ₂ @GO- <i>scroll</i> -TiO ₂ @ITQ2 as a low-temperature NH ₃ -SCR catalyst with a wide SO ₂ -tolerance temperature range. New Journal of Chemistry, 2020, 44, 1733-1738.	1.4	5
4	In Situ Construction of Pt@Ni NF@Ni-MOF-74 for Selective Hydrogenation of <i>p</i> -Nitrostyrene by Ammonia Borane. Chemistry - A European Journal, 2020, 26, 12539-12543.	1.7	9
5	Sinter-resistant and high-efficient Pt/CeO ₂ /NiAl ₂ O ₄ /Al ₂ O ₃ @SiO ₂ model catalysts with <i>œ</i> composite energy traps. Science China Chemistry, 2020, 63, 519-525.	4.2	6
6	Multiporous Carbon Encapsulated Ni Nanoparticles Promoting Glycerol Valorisation towards Hydrogenation against Rearrangement. Chinese Journal of Chemistry, 2020, 38, 439-444.	2.6	1
7	Combination of Pt@CeO ₂ /MCM-56 and CeO ₂ -CuO/MCM-56 to purify the exhaust emissions from diesel vehicles. Applied Catalysis A: General, 2019, 570, 387-394.	2.2	18
8	Anti-sintering Pd@silicalite-1 for methane combustion: Effects of the moisture and SO ₂ . Applied Surface Science, 2019, 494, 1044-1054.	3.1	43
9	Synthesis of a Highly Active and Stable Pt/Co ₃ O ₄ Catalyst and Its Application for the Catalytic Combustion of Toluene. European Journal of Inorganic Chemistry, 2019, 2019, 2933-2939.	1.0	35
10	Realization of Ti Doping by Electrostatic Assembly to Improve the Stability of LiCoO ₂ Cycled to 4.5ÅV. Journal of the Electrochemical Society, 2019, 166, A1793-A1798.	1.3	55
11	Enhanced Performance for Selective Catalytic Reduction of NO _x with NH ₃ over Nanosized Cu/SAPO-34 Catalysts. ChemCatChem, 2019, 11, 3865-3870.	1.8	18
12	MnO ₂ @Graphene-oxide- <i>scroll</i> -TiO ₂ composite catalyst for low-temperature NH ₃ -SCR of NO with good steam and SO ₂ resistance obtained by low-temperature carbon-coating and selective atomic layer deposition. Catalysis Science and Technology, 2019, 9, 1602-1608.	2.1	28
13	Ultrafine PdOx nanoparticles on spinel oxides by galvanic displacement for catalytic combustion of methane. Catalysis Science and Technology, 2019, 9, 6404-6414.	2.1	17
14	A novel monolith ZnS-ZIF-8 adsorption material for ultraeffective Hg (II) capture from wastewater. Journal of Hazardous Materials, 2019, 367, 381-389.	6.5	76
15	Sol-Gel Preparation of Perovskite Oxides Using Ethylene Glycol and Alcohol Mixture as Complexant and Its Catalytic Performances for CO Oxidation. ChemistrySelect, 2018, 3, 12250-12257.	0.7	7
16	A general one-pot strategy for the synthesis of Au@multi-oxide yolk@shell nanospheres with enhanced catalytic performance. Chemical Science, 2018, 9, 7569-7574.	3.7	35
17	A Novel Nano-sized Catalyst CeO ₂ -CuO/Hollow ZSM-5 for NO _x Reduction with NH ₃ . Chemical Research in Chinese Universities, 2018, 34, 661-664.	1.3	8
18	Surface density of synthetically tuned spinel oxides of Co ³⁺ and Ni ³⁺ with enhanced catalytic activity for methane oxidation. Chinese Journal of Catalysis, 2018, 39, 1228-1239.	6.9	28

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19	Novel amino-functionalized carbon material derived from metal organic framework: A characteristic adsorbent for U(VI) removal from aqueous environment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 72-80.	2.3	25
20	MIL-101(Cr) metal-organic framework functionalized with tetraethylenepentamine for potential removal of Uranium (VI) from waste water. <i>Adsorption Science and Technology</i> , 2018, 36, 1550-1567.	1.5	41
21	Bimetallic Effects of Silver-Modified Nickel Catalysts and their Synergy in Glycerol Hydrogenolysis. <i>ChemCatChem</i> , 2016, 8, 1929-1936.	1.8	15
22	Graphene-Oxide-Directed Hydrothermal Synthesis of Ultralong $M(\text{VO})_3$ Composite Nanoribbons. <i>Chemistry of Materials</i> , 2016, 28, 4815-4820.	3.2	12
23	Promotional effect of H_3PO_4 on ceria catalyst for selective catalytic reduction of NO by NH_3 . <i>Chinese Journal of Catalysis</i> , 2016, 37, 300-307.	6.9	38
24	Arginine-Triggered Self-Assembly of CeO_2 Nanosheets on Palladium Nanoparticles in Water. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4542-4546.	7.2	63
25	The redispersion behaviour of Pt on the surface of Fe_2O_3 . <i>RSC Advances</i> , 2016, 6, 25894-25899.	1.7	10
26	CeO_2 nanowires self-inserted into porous Co_3O_4 frameworks as high-performance noble metal free-hetero-catalysts. <i>Chemical Science</i> , 2016, 7, 1109-1114.	3.7	74
27	Aerobic oxidation of 5-hydroxymethylfurfural (HMF) effectively catalyzed by a $\text{Ce}_{0.8}\text{Bi}_{0.2}\text{O}_{2.4}$ supported Pt catalyst at room temperature. <i>RSC Advances</i> , 2015, 5, 19823-19829.	1.7	61
28	Amino-functionalized adsorbent prepared by means of Cu(II) imprinted method and its selective removal of copper from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2015, 294, 9-16.	6.5	75
29	Superior catalytic performance of $\text{Ce}_{1-x}\text{Bi}_x\text{O}_{2.4}$ solid solution and $\text{Au/Ce}_{1-x}\text{Bi}_x\text{O}_{2.4}$ for 5-hydroxymethylfurfural conversion in alkaline aqueous solution. <i>Catalysis Science and Technology</i> , 2015, 5, 1314-1322.	2.1	93
30	Investigation of the Redispersion of Pt Nanoparticles on Polyhedral Ceria Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2479-2483.	2.1	47
31	Micro/nano-structure Co_3O_4 as high capacity anode materials for lithium-ion batteries and the effect of the void volume on electrochemical performance. <i>Journal of Power Sources</i> , 2014, 248, 289-295.	4.0	63
32	Influence of electronic effect on methane catalytic combustion over PdNi/Al $_2$ O $_3$. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 952-955.	1.3	9
33	A novel PdNi/Al $_2$ O $_3$ catalyst prepared by galvanic deposition for low temperature methane combustion. <i>Journal of Energy Chemistry</i> , 2013, 22, 610-616.	7.1	45
34	An active-site-accessible porous metal-organic framework composed of triangular building units: preparation, catalytic activity and magnetic property. <i>Chemical Communications</i> , 2012, 48, 11118.	2.2	69
35	BiMnO_3 Perovskite Catalyst for Selective Catalytic Reduction of NO with NH_3 at Low Temperature. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1448-1454.	6.9	13
36	Design and Synthesis of a Catalytically Active Cu-SSZ-13 Zeolite from a Copper-Amine Complex Template. <i>Chinese Journal of Catalysis</i> , 2012, 33, 92-105.	6.9	54

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37	Facile synthesis and catalytic properties of CeO ₂ with tunable morphologies from thermal transformation of cerium benzenedicarboxylate complexes. <i>CrystEngComm</i> , 2011, 13, 1786.	1.3	31
38	Silanized Titanium Silicate (TS-1) Molecular Sieve for Promoting the Homogeneously Catalyzed Oxidation of Cyclohexane. <i>Chinese Journal of Catalysis</i> , 2011, 32, 723-726.	6.9	6
39	Hydrothermal Method Prepared Ce-P-O Catalyst for the Selective Catalytic Reduction of NO with NH ₃ in a Broad Temperature Range. <i>ChemCatChem</i> , 2010, 2, 1416-1419.	1.8	54
40	A Novel Ce-P-O Catalyst for the Selective Catalytic Reduction of NO with NH ₃ . <i>Chinese Journal of Catalysis</i> , 2010, 31, 938-942.	6.9	13
41	Polyhedral 50-Facet Cu ₂ O Microcrystals Partially Enclosed by {311} High-Index Planes: Synthesis and Enhanced Catalytic CO Oxidation Activity. <i>Journal of the American Chemical Society</i> , 2010, 132, 17084-17087.	6.6	218