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List of Publications by Year
in descending order

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52 papers	2,608 citations	159585 30 h-index	189892 50 g-index
52 all docs	52 docs citations	52 times ranked	2544 citing authors

#	Article	IF	Citations
1	Improvement toluene detection of gas sensors based on flower-like porous indium oxide nanosheets. Journal of Alloys and Compounds, 2022, 897, 163222.	5.5	17
2	Atomic ruthenium stabilized on vacancy-rich boron nitride for selective hydrogenation of esters. Journal of Catalysis, 2022, 406, 115-125.	6.2	16
3	Ambient-pressure synthesis of ethylene glycol catalyzed by C ₆₀ -buffered Cu/SiO ₂. Science, 2022, 376, 288-292.	12.6	88
4	Photodeposition of Pd onto TiO₂ nanowires for aqueous-phase selective hydrogenation of phenolics to cyclohexanones. Nanoscale, 2020, 12, 2603-2612.	5.6	32
5	Core-shell Ag@In2O3 hollow hetero-nanostructures for selective ethanol detection in air. Sensors and Actuators B: Chemical, 2020, 305, 127450.	7.8	44
6	Selective methylation of toluene using CO ₂ and H ₂ to para -xylene. Science Advances, 2020, 6, .	10.3	50
7	Spatial Ensembles of Copper-Silica with Carbon Nanotubes as Ultrastable Nanostructured Catalysts for Selective Hydrogenation. ACS Applied Materials & Interfaces, 2020, 12, 27268-27276.	8.0	10
8	Tandem Hydrogenolysisâ€“Hydrogenation of Ligninâ€Derived Oxygenates over Integrated Dual Catalysts with Optimized Interoperations. ChemSusChem, 2019, 12, 5199-5206.	6.8	18
9	Sulfur Moiety as a Double-Edged Sword for Realizing Ultrafine Supported Metal Nanoclusters with a Cationic Nature. ACS Applied Materials & Interfaces, 2019, 11, 11317-11326.	8.0	15
10	CO2 hydrogenation to methanol over Cu catalysts supported on La-modified SBA-15: The crucial role of Cuâ€“LaOx interfaces. Applied Catalysis B: Environmental, 2019, 251, 119-129.	20.2	128
11	Electrochemical sensor to environmental pollutant of acetone based on Pd-loaded on mesoporous In2O3 architecture. Sensors and Actuators B: Chemical, 2019, 290, 217-225.	7.8	35
12	Self- regeneration of Au/CeO2 based catalysts with enhanced activity and ultra-stability for acetylene hydrochlorination. Nature Communications, 2019, 10, 914.	12.8	86
13	Promoted chemoselective crotonaldehyde hydrogenation on zirconia-doped SiO2 supported Ag catalysts: Interfacial catalysis over ternary Agâ€“ZrO2â€“SiO2 interfaces. Journal of Catalysis, 2019, 372, 19-32.	6.2	9
14	Synthesis of a Ni Phyllosilicate with Controlled Morphology for Deep Hydrogenation of Polycyclic Aromatic Hydrocarbons. ACS Sustainable Chemistry and Engineering, 2019, 7, 1989-1997.	6.7	28
15	Rational design of sensitivity enhanced and stability improved TEA gas sensor assembled with Pd nanoparticles-functionalized In2O3 composites. Sensors and Actuators B: Chemical, 2019, 285, 1-10.	7.8	93
16	Structural tuning and catalysis of tungsten carbides for the regioselective cleavage of C O bonds. Journal of Catalysis, 2019, 369, 283-295.	6.2	38
17	Intercalation of nanostructured CeO₂in MgAl₂O₄spinel illustrates the critical interaction between metal oxides and oxides. Nanoscale, 2018, 10, 3331-3341.	5.6	23
18	Selective hydrogenation of CO₂ to methanol catalyzed by Cu supported on rod-like La₂O₂CO₃. Catalysis Science and Technology, 2018, 8, 1062-1069.	4.1	49

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19	Low-temperature soot combustion over ceria modified MgAl2O4-supported Ag nanoparticles. Catalysis Communications, 2018, 111, 26-30.	3.3	12
20	Efficient low-temperature soot combustion by bimetallic Agâ€“Cu/SBA-15 catalysts. Journal of Environmental Sciences, 2018, 64, 122-129.	6.1	13
21	Fabrication of supported Au-CuO nanohybrids by reduction-oxidation strategy for efficient oxidative esterification of 5-hydroxymethyl-2-furfural into dimethyl furan-2,5-dicarboxylate. Applied Catalysis A: General, 2018, 567, 80-89.	4.3	30
22	Interfacing with silica boosts the catalysis of copper. Nature Communications, 2018, 9, 3367.	12.8	159
23	Copper nanoparticles socketed in situ into copper phyllosilicate nanotubes with enhanced performance for chemoselective hydrogenation of esters. Chemical Communications, 2017, 53, 6933-6936.	4.1	44
24	Regioselective hydrogenolysis of aryl ether Câ€“O bonds by tungsten carbides with controlled phase compositions. Chemical Communications, 2017, 53, 10295-10298.	4.1	17
25	Yttrium chloride-modified Au/AC catalysts for acetylene hydrochlorination with improved activity and stability. Journal of Rare Earths, 2017, 35, 1083-1091.	4.8	17
26	Effective anchoring of silver nanoparticles onto N-doped carbon with enhanced catalytic performance for the hydrogenation of dimethyl oxalate to methyl glycolate. Catalysis Communications, 2017, 100, 148-152.	3.3	24
27	Câ€“X (X = Cl, Br, I) bond dissociation energy as a descriptor for the redispersion of sintered Au/AC catalysts. Chinese Journal of Catalysis, 2016, 37, 1794-1803.	14.0	15
28	Synergistic effects of bimetallic Cu-Fe/SiO 2 nanocatalysts in selective hydrogenation of diethyl malonate to 1,3-propanediol. Journal of Energy Chemistry, 2016, 25, 1038-1044.	12.9	15
29	Silver nanoparticles confined in carbon nanotubes: on the understanding of the confinement effect and promotional catalysis for the selective hydrogenation of dimethyl oxalate. Nanoscale, 2016, 8, 5959-5967.	5.6	63
30	Size controllable redispersion of sintered Au nanoparticles by using iodohydrocarbon and its implications. Chemical Science, 2016, 7, 3181-3187.	7.4	46
31	Preparation of Ni 2 P/Al 2 O 3 by temperature-programmed reduction of a phosphate precursor with a low P/Ni ratio. Journal of Catalysis, 2016, 334, 116-119.	6.2	31
32	Influences of calcination and reduction methods on the preparation of Ni2P/SiO2 and its hydrodenitrogenation performance. Applied Catalysis A: General, 2016, 509, 45-51.	4.3	17
33	CO-Mediated Deactivation Mechanism of SiO₂-Supported Copper Catalysts during Dimethyl Oxalate Hydrogenation to Ethylene Glycol. Journal of Physical Chemistry C, 2015, 119, 13758-13766.	3.1	50
34	FeSBA-15-supported ruthenium catalyst for the selective hydrogenolysis of carboxylic acids to alcoholic chemicals. Catalysis Today, 2015, 251, 53-59.	4.4	27
35	Enhanced chemoselective hydrogenation of dimethyl oxalate to methyl glycolate over bimetallic Agâ€“Ni/SBA-15 catalysts. Applied Catalysis A: General, 2015, 505, 344-353.	4.3	47
36	Hydrodesulfurization of dibenzothiophene, 4,6-dimethyldibenzothiophene, and their hydrogenated intermediates over bulk tungsten phosphide. Journal of Catalysis, 2015, 330, 330-343.	6.2	75

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37	XAS study of Ni2P/MCM-41 passivated by O2/He and H2S/H2. Catalysis Communications, 2014, 43, 21-24.	3.3	9
38	PVP-stabilized heteropolyacids as reusable self-assembling catalysts for alcoholysis of cellulosic saccharides. Green Chemistry, 2014, 16, 294-302.	9.0	34
39	Hydrodesulfurization of 4,6-dimethyldibenzothiophene and its hydrogenated intermediates over bulk Ni2P. Journal of Catalysis, 2014, 317, 144-152.	6.2	42
40	Enhanced Performance of Znâ€“Sn/HZSM-5 Catalyst for the Conversion of Methanol to Aromatics. Catalysis Letters, 2013, 143, 798-806.	2.6	71
41	Silver-modulated SiO2-supported copper catalysts for selective hydrogenation of dimethyl oxalate to ethylene glycol. Journal of Catalysis, 2013, 307, 74-83.	6.2	123
42	Lanthanum Oxide-Modified Cu/SiO₂ as a High-Performance Catalyst for Chemoselective Hydrogenation of Dimethyl Oxalate to Ethylene Glycol. ACS Catalysis, 2013, 3, 2738-2749.	11.2	211
43	Highly efficient mesostructured Ag/SBA-15 catalysts for the chemoselective synthesis of methyl glycolate by dimethyl oxalate hydrogenation. Catalysis Communications, 2013, 40, 129-133.	3.3	57
44	Vapor-phase hydrogenation of dimethyl oxalate over a CNTsâ€“Cuâ€“SiO2 hybrid catalyst with enhanced activity and stability. RSC Advances, 2013, 3, 11782.	3.6	16
45	Efficient low-temperature selective hydrogenation of esters on bimetallic Auâ€“Ag/SBA-15 catalyst. Journal of Catalysis, 2013, 297, 110-118.	6.2	116
46	Production of ethanol by gas phase hydrogenation of acetic acid over carbon nanotube-supported Ptâ€“Sn nanoparticles. Catalysis Today, 2013, 215, 260-266.	4.4	55
47	Cu/SiO2 hybrid catalysts containing HZSM-5 with enhanced activity and stability for selective hydrogenation of dimethyl oxalate to ethylene glycol. Applied Catalysis A: General, 2012, 445-446, 287-296.	4.3	69
48	Remarkable enhancement of Cu catalyst activity in hydrogenation of dimethyl oxalate to ethylene glycol using gold. Catalysis Science and Technology, 2012, 2, 1637.	4.1	95
49	Improved performance of magnetically recoverable Ce-promoted Ni/Al2O3 catalysts for aqueous-phase hydrogenolysis of sorbitol to glycols. Catalysis Today, 2012, 183, 65-71.	4.4	67
50	Effect of TiO2 on hydrodenitrogenation performances of MCM-41 supported molybdenum phosphides. Catalysis Today, 2010, 149, 11-18.	4.4	31
51	Role of sulfur in hydrotreating catalysis over nickel phosphide. Journal of Catalysis, 2009, 261, 232-240.	6.2	92
52	Hydrodenitrogenation of Quinoline Catalyzed by MCM-41-Supported Nickel Phosphides. Energy & Fuels, 2007, 21, 554-560.	5.1	39