

Wei Xue

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis of <i>p</i> -aminophenol from the hydrogenation of nitrobenzene over metal–solid acid bifunctional catalyst. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1466-1471.	3.2	33
2	Oxidative carbonylation of phenol to diphenyl carbonate catalyzed by ultrafine embedded catalyst Pd–Cu–O/SiO ₂ . <i>Catalysis Communications</i> , 2005, 6, 431-436.	3.3	32
3	Effect of hydrazine hydrate on the Ru–Zn/SiO ₂ catalysts performance for partial hydrogenation of benzene. <i>Catalysis Communications</i> , 2009, 11, 29-33.	3.3	30
4	Investigation of supported Zn(OAc) ₂ catalyst and its stability in N-phenyl carbamate synthesis. <i>Applied Catalysis A: General</i> , 2014, 475, 355-362.	4.3	30
5	Esterification of cyclohexene with formic acid over a peanut shell-derived carbon solid acid catalyst. <i>Chinese Journal of Catalysis</i> , 2016, 37, 769-777.	14.0	25
6	Oxidative carbonylation of phenol with a Pd-O/CeO ₂ -nanotube catalyst. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1142-1154.	14.0	23
7	Effect of promoter copper on the oxidative carbonylation of phenol over the ultrafine embedded catalyst PdCuO/SiO ₂ . <i>Journal of Molecular Catalysis A</i> , 2005, 232, 77-81.	4.8	20
8	Clean synthesis of methyl <i>N</i> -phenyl carbamate over ZnO–TiO ₂ catalyst. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 48-53.	3.2	19
9	Morphology effects of CeO ₂ for catalytic oxidation of formaldehyde. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108053.	6.7	17
10	Catalytic synthesis of 1,6-dicarbamate hexane over MgO/ZrO ₂ . <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 82, 209-213.	3.2	14
11	Peanut Shell-Derived Carbon Solid Acid with Large Surface Area and Its Application for the Catalytic Hydrolysis of Cyclohexyl Acetate. <i>Materials</i> , 2016, 9, 833.	2.9	14
12	Hydration of cyclohexene to cyclohexanol over SO ₃ H-functionalized imidazole ionic liquids. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 173-183.	1.7	13
13	Enhanced catalytic activity over palladium supported on ZrO ₂ @C with NaOH-assisted reduction for decomposition of formic acid. <i>RSC Advances</i> , 2019, 9, 3359-3366.	3.6	12
14	Highly Reducible Nanostructured CeO ₂ for CO Oxidation. <i>Catalysts</i> , 2018, 8, 535.	3.5	11
15	Polystyrene-Based Hierarchically Macro–Mesoporous Solid Acid: A Robust and Highly Efficient Catalyst for Indirect Hydration of Cyclohexene to Cyclohexanol by a One-Pot Method under Mild Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6435-6444.	3.7	10
16	Hydrolysis of cyclohexyl acetate to cyclohexanol with high selectivity over SO ₃ H-functionalized ionic liquids. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 329-339.	1.7	8
17	The Induction Period and Novel Active Species in Zn(OAc) ₂ Catalyzed Synthesis of Aromatic Carbamates. <i>Catalysis Letters</i> , 2017, 147, 1478-1484.	2.6	8
18	Pd catalyst supported on CeO ₂ nanotubes with enhanced structural stability toward oxidative carbonylation of phenol. <i>RSC Advances</i> , 2019, 9, 11356-11364.	3.6	7

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19	AgPd Nanoparticles Anchored on TiO ₂ Derived from a Titanium Metal-Organic Framework for Efficient Dehydrogenation of Formic Acid. <i>ChemCatChem</i> , 2022, 14, .	3.7	7
20	Direct amination of toluene to toluidine with hydroxylamine over CuO-V ₂ O ₅ /Al ₂ O ₃ catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 102, 377-391.	1.7	6
21	Preparation of Ru-[bmim]BF ₄ Catalyst Using NaBH ₄ as Reducing Agent and Its Performance in Selective Hydrogenation of Benzene. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1913-1918.	14.0	5
22	Effect of Zr-doping on Pd/Ce Zr ¹⁺ O ₂ catalysts for oxidative carbonylation of phenol. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2592-2599.	3.5	5
23	A highly efficient rod-like-CeO ₂ -supported palladium catalyst for the oxidative carbonylation of glycerol to glycerol carbonate. <i>RSC Advances</i> , 2021, 11, 17072-17079.	3.6	5
24	The one-pot synthesis of methylene diphenyl-4,4'-dicarbamate. <i>Chemical Engineering Science</i> , 2015, 135, 217-222.	3.8	4
25	The effect of adsorption and grafting on the acidity of [(HSO ₃) ₃ C ₃ Im] ⁺ [Cl] ⁻ on the surface of (SiO ₂) ₄ O ₂ H ₄ clusters. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 96, 107528.	2.4	4
26	Solubilities of Benzene, Toluene, and Ethylbenzene in Deep Eutectic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2460-2469.	1.9	4
27	Efficient Catalytic Transfer Hydrogenation of Acetophenone to 1-Phenylethanol over Cu-Zn-Al Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5419-5428.	3.7	4
28	Transesterification of Glycerol to Glycerol Carbonate over Mg-Zr Composite Oxide Prepared by Hydrothermal Process. <i>Nanomaterials</i> , 2022, 12, 1972.	4.1	4
29	Fabrication and characterization of ZrO ₂ and ZrO ₂ /SiO ₂ catalysts and their application in the synthesis of methyl N-phenyl carbamate: a study of the reaction mechanism by using in situ FT-IR spectroscopy. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 132, 893-906.	1.7	3
30	Cu/CuO _x @C for efficient selective transfer hydrogenation of furfural to furfuryl alcohol with formic acid. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 3172-3182.	3.2	3
31	Partial Hydrogenation of Benzene to Cyclohexene over Ru-Zn/MCM-41. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	2.7	2
32	A novel process for the synthesis of <i>p</i> -aminophenol by transfer hydrogenation of nitrobenzene using formic acid as hydrogen source. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	1.5	2
33	One-Pot Preparation of Methyl N-Phenyl Carbamate and Zn(OAc) ₂ /SiO ₂ Catalyst with Enhanced Stability. <i>ChemistrySelect</i> , 2019, 4, 10581-10586.	1.5	1
34	Theoretical study of decomposition of formic acid over Pd catalyst anchored on N-doped graphene. <i>International Journal of Quantum Chemistry</i> , 0, .	2.0	1
35	Role of Benzene-1,3,5-Tricarboxylate Ligand in CuO-CeO ₂ Catalysts Derived from Metal-Organic Frameworks for Carbon Monoxide Oxidation. <i>Catalysis Letters</i> , 2023, 153, 219-229.	2.6	1
36	Catalyst-free N-methylation of 3-methylxanthine with dimethyl carbonate in water: green synthesis of theobromine. <i>New Journal of Chemistry</i> , 0, .	2.8	0