

# Zhenlu Wang

## List of Publications by Year in descending order

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33  
papers

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citations

623734

14  
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all docs

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Optimizing the Electrocatalytic Selectivity of Carbon Dioxide Reduction Reaction by Regulating the Electronic Structure of Single-Atom $\text{M}^{\text{N}}\text{C}$ Materials. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	129
2	Vapor phase condensation of methyl acetate with formaldehyde to preparing methyl acrylate over cesium supported SBA-15 catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 25, 344-351.	5.8	70
3	Dehydrogenation of cyclohexanol on $\text{Cu}^{\text{ZnO/SiO}_2}$ catalysts: The role of copper species. <i>Catalysis Communications</i> , 2007, 8, 1891-1895.	3.3	59
4	Direct transformation of ethanol to ethyl acetate on $\text{Cu/ZrO}_2$ catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 101, 365-375.	1.7	55
5	Synthesis of Methyl Acrylate by Aldol Condensation of Methyl Acetate with Formaldehyde Over $\text{Al}_2\text{O}_3$ -Supported Barium Catalyst. <i>Catalysis Letters</i> , 2017, 147, 1540-1550.	2.6	30
6	Prins condensation for the synthesis of isoprene from isobutylene and formaldehyde over silica-supported $\text{H}_3\text{SiW}_{12}\text{O}_{40}$ catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 761-771.	1.7	26
7	Urea method for the synthesis of hydrotalcites. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 83, 275-282.	0.6	21
8	Title is missing!. <i>Reaction Kinetics and Catalysis Letters</i> , 2001, 73, 179-186.	0.6	20
9	Oxidation of cyclohexane with hydrogen peroxide catalyzed by Dawson-type vanadium-substituted heteropolyacids. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 89, 55-61.	0.6	18
10	Selective hydrogenation of maleic anhydride over $\text{Pd/Al}_2\text{O}_3$ catalysts prepared via colloid deposition. <i>Journal of Chemical Sciences</i> , 2014, 126, 141-145.	1.5	18
11	Nb-Doped Vanadium Phosphorus Oxide Catalyst for the Aldol Condensation of Acetic Acid with Formaldehyde to Acrylic Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 12055-12060.	3.7	18
12	Title is missing!. <i>Reaction Kinetics and Catalysis Letters</i> , 2002, 76, 271-279.	0.6	17
13	Vapor phase aldol condensation of methyl acetate with formaldehyde over a $\text{Ba}^{\text{La}}/\text{Al}_2\text{O}_3$ catalyst: the stabilizing role of La and effect of acid-base properties. <i>RSC Advances</i> , 2017, 7, 52304-52311.	3.6	17
14	Characterization and catalytic behavior of silica-supported copper catalysts prepared by impregnation and ion-exchange methods. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 93, 93-99.	0.6	16
15	Highly Catalytic Activity of $\text{Ba}^{\text{Ti}}/\text{Al}_2\text{O}_3$ Catalyst for Aldol Condensation of Methyl Acetate with Formaldehyde. <i>Catalysis Letters</i> , 2018, 148, 3402-3412.	2.6	14
16	Effect of metal-doped VPO catalysts for the aldol condensation of acetic acid and formaldehyde to acrylic acid. <i>RSC Advances</i> , 2019, 9, 5958-5966.	3.6	14
17	Promotional Effect of Cu for Catalytic Amination of Diethylene Glycol with Tertiarybutylamine over $\text{Ni}^{\text{Cu}}/\text{Al}_2\text{O}_3$ Catalysts. <i>Catalysis Letters</i> , 2020, 150, 2427-2436.	2.6	14
18	Hydrogenolysis of glycerol to 1,2-propanediol on the high dispersed SBA-15 supported copper catalyst prepared by the ion-exchange method. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 99, 455.	1.7	13

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19	The direct transformation of ethanol to ethyl acetate over Cu/SiO <sub>2</sub> catalysts that contain copper phyllosilicate. <i>Journal of Chemical Sciences</i> , 2014, 126, 1013-1020.	1.5	13
20	Catalytic amination of diethylene glycol with tertiarybutylamine over Ni <sub>2</sub> O <sub>3</sub> catalysts with different Ni/Al ratios. <i>RSC Advances</i> , 2016, 6, 102373-102380.	3.6	13
21	Enhanced oxygen evolution activity on mesoporous cobalt-iron oxides. <i>Chemical Communications</i> , 2021, 57, 11843-11846.	4.1	11
22	Aldol condensation of acetone over Mg-Al mixed oxides catalyst prepared by a citric acid route. <i>Reaction Kinetics and Catalysis Letters</i> , 2009, 98, 149-156.	0.6	10
23	Synthesis, characterization and catalytic properties of MCM-36 pillared via the MCM-56 precursor. <i>Journal of Porous Materials</i> , 2013, 20, 531-538.	2.6	10
24	Effect of Phosphoric Acid on HZSM-5 Catalysts for Prins Condensation to Isoprene from Isobutylene and Formaldehyde. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 485-489.	2.6	10
25	Transesterification of dimethyl oxalate with phenol over Ti-containing phosphate catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 91, 77-83.	0.6	7
26	A Highly Effective Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalyst for Hydrogenation of Methyl Benzoate to Benzyl Alcohol in Methanol Solution. <i>Catalysis Letters</i> , 2019, 149, 1359-1367.	2.6	5
27	Application of two morphologies of Mn <sub>2</sub> O <sub>3</sub> for efficient catalytic <i>ortho</i> -methylation of 4-chlorophenol. <i>RSC Advances</i> , 2021, 11, 20836-20849.	3.6	5
28	Synthesis and characterization of Ce-SBA-15 supported cesium catalysts and their catalytic performance for synthesizing methyl acrylate. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 395-409.	1.7	4
29	Influence of preparation method on the structure and catalytic activity of supported solid sulfuric acid. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 85, 153-159.	0.6	3
30	Effect of the Mg/Al Atomic Ratio of Ni-Mg-Al Catalysts for the Hydrodealkylation of 1,2,4-Trimethylbenzene. <i>Chemical Engineering and Technology</i> , 2015, 38, 497-503.	1.5	3
31	Synthesis of <i>o</i> -phenylphenol from cyclohexanone over platinum supported on calcined Mg/Al hydrotalcite. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 83, 129-136.	0.6	2
32	Preparation of Cu-MgO catalysts via urea-nitrate combustion method and their catalytic performance in vapor phase hydrogenation of furfural. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 442-446.	2.6	2
33	Synthesis, characterization of MCM-22 and catalytic activity in one-step synthesis of methyl isobutyl ketone. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 129-135.	0.6	1