

# Ke Xiong

## List of Publications by Year in descending order

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12  
papers

702  
citations

933447

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1199594

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#	ARTICLE	IF	CITATIONS
1	Correlating furfural reaction pathways with interactions between furfural and monometallic surfaces. <i>Catalysis Today</i> , 2020, 339, 289-295.	4.4	16
2	Ring-Opening Reaction of Furfural and Tetrahydrofurfuryl Alcohol on Hydrogen-Preloaded Iridium(1%) and Cobalt/Iridium(1%) Surfaces. <i>ChemCatChem</i> , 2017, 9, 1701-1707.	3.7	34
3	Reaction pathways of furfural, furfuryl alcohol and 2-methylfuran on Cu(111) and NiCu bimetallic surfaces. <i>Surface Science</i> , 2016, 652, 91-97.	1.9	73
4	Frontispiece: Direct Epoxidation of Propylene over Stabilized Cu+Surface Sites on Titanium-Modified Cu <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , 2015, 54, n/a-n/a.	13.8	1
5	Direct Epoxidation of Propylene over Stabilized Cu <sup>+</sup> Surface Sites on Titanium-Modified Cu <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11946-11951.	13.8	62
6	Frontispiz: Direct Epoxidation of Propylene over Stabilized Cu+Surface Sites on Titanium-Modified Cu <sub>2</sub> O. <i>Angewandte Chemie</i> , 2015, 127, n/a-n/a.	2.0	0
7	Reaction Pathways of Biomass-Derived Oxygenates over Metals and Carbides: From Model Surfaces to Supported Catalysts. <i>ChemCatChem</i> , 2015, 7, 1402-1421.	3.7	50
8	Selective deoxygenation of aldehydes and alcohols on molybdenum carbide (Mo <sub>2</sub> C) surfaces. <i>Applied Surface Science</i> , 2014, 323, 88-95.	6.1	46
9	Theoretical and Experimental Studies of C-C versus C-O Bond Scission of Ethylene Glycol Reaction Pathways via Metal-Modified Molybdenum Carbides. <i>ACS Catalysis</i> , 2014, 4, 1409-1418.	11.2	45
10	Theoretical and experimental studies of the adsorption geometry and reaction pathways of furfural over FeNi bimetallic model surfaces and supported catalysts. <i>Journal of Catalysis</i> , 2014, 317, 253-262.	6.2	88
11	Molybdenum Carbide as a Highly Selective Deoxygenation Catalyst for Converting Furfural to 2-Methylfuran. <i>ChemSusChem</i> , 2014, 7, 2146-2149.	6.8	105
12	Selective Hydrodeoxygenation of Biomass-Derived Oxygenates to Unsaturated Hydrocarbons using Molybdenum Carbide Catalysts. <i>ChemSusChem</i> , 2013, 6, 798-801.	6.8	173