

# Meng Zhou

## List of Publications by Year in descending order

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12  
papers

463  
citations

1163117

8  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Câ€“H oxidation by platinum group metal oxo or peroxy species. <i>Chemical Society Reviews</i> , 2011, 40, 1875.	38.1	121
2	Cp* Iridium Complexes Give Catalytic Alkane Hydroxylation with Retention of Stereochemistry. <i>Journal of the American Chemical Society</i> , 2010, 132, 12550-12551.	13.7	106
3	Cp* Iridium Precatalysts for Selective Câ€“H Oxidation via Direct Oxygen Insertion: A Joint Experimental/Computational Study. <i>ACS Catalysis</i> , 2012, 2, 208-218.	11.2	82
4	Cp* Iridium Precatalysts for Selective Câ€“H Oxidation with Sodium Periodate As the Terminal Oxidant. <i>Organometallics</i> , 2013, 32, 957-965.	2.3	60
5	Î²-Hydride Elimination and Câ€“H Activation by an Iridium Acetate Complex, Catalyzed by Lewis Acids. Alkane Dehydrogenation Cocatalyzed by Lewis Acids and [2,6-Bis(4,4-dimethyloxazoliny)-3,5-dimethylphenyl]iridium. <i>Journal of the American Chemical Society</i> , 2017, 139, 6338-6350.	13.7	38
6	Activation and Oxidation of Mesitylene Câ€“H Bonds by (Phebox)Iridium(III) Complexes. <i>Organometallics</i> , 2015, 34, 2879-2888.	2.3	18
7	Catalytic Urea Synthesis from Ammonium Carbamate Using a Copper(II) Complex: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2021, 60, 5573-5589.	4.0	11
8	Alcohol Solvent Effects in the Synthesis of Co3O4 Metal-Oxide Nanoparticles: Disproof of a Surface-Ligand Thermodynamic Effect en Route to Alternative Kinetic and Thermodynamic Explanations. <i>Inorganic Chemistry</i> , 2018, 57, 1517-1526.	4.0	7
9	Comparing the physicochemical properties of dicalcium phosphate dihydrate (<sc>DCPD</sc>) and polymeric <sc>DCPD</sc> (<sc>Pâ€“DCPD</sc>) cement particles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1644-1655.	3.4	7
10	Polyvinylpyrrolidone-Stabilized Iridium Nanoparticles Catalyzed the Transfer Hydrogenation of Nitrobenzene Using Formic Acid as the Source of Hydrogen. <i>Chemistry</i> , 2020, 2, 960-968.	2.2	3
11	Chlorination of (Phebox)Ir(mesityl)(OAc) by Thionyl Chloride. <i>Molecules</i> , 2015, 20, 10122-10130.	3.8	1
12	Characterizations of Surface Ligands and Stabilizers on Metallic Nanoparticles. <i>ACS Symposium Series</i> , 2019, , 103-133.	0.5	0