

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