Rui Zhang

List of Publications by Year
in descending order

14	373	933447 10	1281871 11
papers	citations	h-index	g-index

14	14	14	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrafine Ruthenium Clusters Shellâ€Embedded Hollow Carbon Spheres as Nanoreactors for Channel Microenvironmentâ€Modulated Furfural Tandem Hydrogenation. Small, 2022, 18, .	10.0	13
2	Alloyâ€Driven Efficient Electrocatalytic Oxidation of Biomassâ€Derived 5â€Hydroxymethylfurfural towards 2,5â€Furandicarboxylic Acid: A Review. ChemSusChem, 2022, 15, .	6.8	14
3	A Resolâ€Assisted Cationic Coordinative Coâ€assembly Approach to Mesoporous ABO₃ Perovskite Oxides with Rich Oxygen Vacancy for Enhanced Hydrogenation of Furfural to Furfuryl Alcohol. Angewandte Chemie, 2021, 133, 4824-4831.	2.0	30
4	A Resolâ€Assisted Cationic Coordinative Coâ€assembly Approach to Mesoporous ABO₃ Perovskite Oxides with Rich Oxygen Vacancy for Enhanced Hydrogenation of Furfural to Furfuryl Alcohol. Angewandte Chemie - International Edition, 2021, 60, 4774-4781.	13.8	79
5	Metal-Loaded Hollow Carbon Nanostructures as Nanoreactors: Microenvironment Effects and Prospects for Biomass Hydrogenation Applications. ACS Sustainable Chemistry and Engineering, 2021, 9, 2990-3010.	6.7	36
6	Rutheniumâ€Nanoparticleâ€Loaded Hollow Carbon Spheres as Nanoreactors for Hydrogenation of Levulinic Acid: Explicitly Recognizing the Voidâ€Confinement Effect. Angewandte Chemie, 2021, 133, 20954-20962.	2.0	5
7	Rutheniumâ€Nanoparticleâ€Loaded Hollow Carbon Spheres as Nanoreactors for Hydrogenation of Levulinic Acid: Explicitly Recognizing the Voidâ€Confinement Effect. Angewandte Chemie - International Edition, 2021, 60, 20786-20794.	13.8	75
8	Frontispiece: Rutheniumâ€Nanoparticleâ€Loaded Hollow Carbon Spheres as Nanoreactors for Hydrogenation of Levulinic Acid: Explicitly Recognizing the Voidâ€Confinement Effect. Angewandte Chemie - International Edition, 2021, 60, .	13.8	0
9	Frontispiz: Rutheniumâ€Nanoparticleâ€Loaded Hollow Carbon Spheres as Nanoreactors for Hydrogenation of Levulinic Acid: Explicitly Recognizing the Voidâ€Confinement Effect. Angewandte Chemie, 2021, 133, .	2.0	0
10	Taming the butterfly effect: modulating catalyst nanostructures for better selectivity control of the catalytic hydrogenation of biomass-derived furan platform chemicals. Catalysis Science and Technology, 2021, 11, 7785-7806.	4.1	17
11	Production of Levulinic Acid from Cellulose and Cellulosic Biomass in Different Catalytic Systems. Catalysts, 2020, 10, 1006.	3.5	33
12	Metalâ€Catalyzed Hydrogenation of Biomassâ€Derived Furfural: Particle Size Effects and Regulation Strategies. ChemSusChem, 2020, 13, 5185-5198.	6.8	50
13	Pretreatment of Corn Stover with Diluted Nitric Acid for the Enhancement of Acidogenic Fermentation. Energy & Fuels, 2018, 32, 425-430.	5.1	13
14	Layered double hydroxideâ€derived bimetallic Niâ€“Cu catalysts prompted the efficient conversion of Î³â€valerolactone to 2â€methyltetrahydrofuran. ChemCatChem, 0, , .	3.7	8