He'an Luo

List of Publications by Year
in descending order

18	195	1163117 8	1058476 14
papers	citations	h-index	g-index

18	18	18	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of organic-inorganic chitosan@silver/sepiolite composites with high synergistic antibacterial activity and stability. Carbohydrate Polymers, 2020, 249, 116858.	10.2	47
2	Consideration of low viscous droplet breakage in the framework of the wide energy spectrum and the multiple fragments. AICHE Journal, 2015, 61, 2147-2168.	3.6	30
3	Boosting one-step conversion of cyclohexane to adipic acid by NO₂ and VPO composite catalysts. Chemical Communications, 2016, 52, 3320-3323.	4.1	21
4	In situ growth of g-C3N4 on clay minerals of kaolinite, sepiolite, and talc for enhanced solar photocatalytic energy conversion. Applied Clay Science, 2022, 216, 106337.	5.2	13
5	Solvent-free liquid-phase selective catalytic oxidation of toluene to benzyl alcohol and benzaldehyde over CeO₂â€“MnO_x composite oxides. Reaction Chemistry and Engineering, 2022, 7, 898-907.	3.7	11
6	Catalytic properties of nickel/sepiolite promoted with potassium and lanthanum in adiponitrile hydrogenation under mild conditions. RSC Advances, 2016, 6, 60933-60939.	3.6	10
7	Highly selective preparation of valuable dinitronaphthalene from catalytic nitration of 1â€nitronaphthalene with NO₂ over HY zeolite. Canadian Journal of Chemical Engineering, 2018, 96, 2586-2592.	1.7	10
8	The influences of preparation methods on the structure and catalytic performance of single-wall carbon nanotubes supported palladium catalysts in nitrocyclohexane hydrogenation. RSC Advances, 2015, 5, 22863-22868.	3.6	9
9	Catalytic oxidation of cyclohexane by substituted metalloporphyrins: experimental and molecular simulation. RSC Advances, 2015, 5, 101593-101598.	3.6	8
10	A theoretical unsteadyâ€state model for k_L of bubbles based on the framework of wide energy spectrum. AICHE Journal, 2016, 62, 1007-1022.	3.6	8
11	Preparation of organicâ€“inorganic hybrid methylene blue polymerized organosilane/sepiolite pigments with superhydrophobic and self-cleaning properties. Textile Reseach Journal, 2019, 89, 4220-4229.	2.2	8
12	Green Synthesis of Lamellae Rhombohedra Boron Suboxide for Efficient Photoreduction Catalysis with Visible Light Response. Solar Rrl, 2019, 3, 1900014.	5.8	6
13	Selective preparation and reaction kinetics of dimethyl carbonate from alcoholysis of methyl carbamate with methanol over ZnAl-LDO. Reaction Chemistry and Engineering, 2021, 6, 1854-1868.	3.7	6
14	Influence of Preparation Conditions on the Structure of MCM-41 and Catalytic Performance of Ru/MCM-41 in Benzene Hydrogenation. Journal of Chemical Research, 2014, 38, 90-95.	1.3	3
15	Different Crystal Form Titania Supported Ruthenium Nanoparticles for Liquid Phase Hydrodeoxygenation of Guaiacol. Journal of Nanoscience and Nanotechnology, 2018, 18, 8426-8436.	0.9	2
16	High Catalytic Behavior of Activated Carbonâ€Supported Kâ€Feâ€Ni Based Catalysts for 1,6â€Hexanedinitrile Hydrogenation under Mild Conditions. ChemistrySelect, 2018, 3, 3268-3277.	1.5	1
17	Fe- and Mn-modified SO42â¯/ZrO2 conjoined O2â€“Ac2O as a composite catalytic system for highly selective nitration of 1-nitronaphthalene with NO2 to valuable 1,5-dinitronaphthalene. Reaction Chemistry and Engineering, 0, , .	3.7	1
18	The kinetics modeling and reactor simulation of propylene chlorination reaction process. AICHE Journal, 2021, 67, e17341.	3.6	1