Gangli Zhu

List of Publications by Year
in descending order

19	295	933447 10	888059 17
papers	citations	h-index	g-index

19	19	19	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanistic study for the formation of polyoxymethylene dimethyl ethers promoted by sulfonic acid-functionalized ionic liquids. Journal of Molecular Catalysis A, 2015, 408, 228-236.	4.8	53
2	Production of eco-friendly poly(oxymethylene) dimethyl ethers catalyzed by acidic ionic liquid: A kinetic investigation. Chemical Engineering Journal, 2018, 334, 2616-2624.	12.7	35
3	Construction of core-shell mesoporous carbon nanofiber@nickel cobaltite nanostructures as highly efficient catalysts towards 4-nitrophenol reduction. Journal of Colloid and Interface Science, 2019, 538, 377-386.	9.4	32
4	Polyoxymethylene dimethyl ethers as clean diesel additives: Fuel freezing and prediction. Fuel, 2019, 237, 833-839.	6.4	27
5	Seaweedâ€like 2Dâ€2D Architecture of MoS₂/rGO Composites for Enhanced Selective Aerobic Oxidative Coupling of Amines. ChemCatChem, 2019, 11, 1935-1942.	3.7	22
6	Ï€-Conjugated polymeric phthalocyanine for the oxidative coupling of amines. Chemical Communications, 2020, 56, 3637-3640.	4.1	19
7	Conceptual design of production of eco-friendly polyoxymethylene dimethyl ethers catalyzed by acid functionalized ionic liquids. Chemical Engineering Science, 2019, 206, 10-21.	3.8	17
8	Nanocrystallites-forming hierarchical porous Ni/Al2O3â€“TiO2 catalyst for dehydrogenation of organic chemical hydrides. International Journal of Hydrogen Energy, 2011, 36, 13603-13613.	7.1	16
9	High-cetane additives for diesel based on polyoxymethylene dimethyl ethers: Density behavior and prediction. Journal of Molecular Liquids, 2017, 234, 403-407.	4.9	12
10	Recent advances of aromatization catalysts for C4 hydrocarbons. Fuel Processing Technology, 2022, 226, 107087.	7.2	12
11	Selective aromatization of biomass derived diisobutylene to p-xylene over supported non-noble metal catalysts. Catalysis Today, 2016, 276, 105-111.	4.4	10
12	Extended effective carbon number concept in the quantitative analysis of multi-ethers using predicted response factors. Journal of Chromatography A, 2017, 1513, 194-200.	3.7	10
13	Ceria supported Ru0-Ru+ clusters as efficient catalyst for arenes hydrogenation. Chinese Chemical Letters, 2021, 32, 770-774.	9.0	9
14	Upgrading Ethanol to Higher Alcohols via Biomass-Derived Ni/Bio-Apatite. ACS Sustainable Chemistry and Engineering, 2022, 10, 3466-3476.	6.7	9
15	Selectivity Switching of CO2 Hydrogenation from HCOOH to CO with an In Situ Formed Ruâ€“Li Complex. ACS Catalysis, 2021, 11, 9390-9396.	11.2	6
16	Mesoporous acidic functional N-containing ZrNxOy material for polyoxymethylene diethyl ethers synthesis under mild conditions. Molecular Catalysis, 2021, 506, 111541.	2.0	3
17	Defective acidic 2D COF-based catalysts for boosting the performance of polyoxymethylene diethyl ether synthesis under mild conditions. Dalton Transactions, 2021, 50, 5139-5145.	3.3	2
18	Precisely Located C@g-C3N4 Nanorod for Efficient Visible Light Photocatalysis. Kinetics and Catalysis, 2021, 62, 375-386.	1.0	1

#	Article	IF	Citations
19	MOF derived 2.x-dimensional trimetallic catalysts for selective aromatization to p-xylene. Fuel Processing Technology, 2022, 235, 107374.	7.2	0