

Mogahid Osman

List of Publications by Year in descending order

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13
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358
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of pressurized chemical looping processes for power generation and chemical production with integrated CO ₂ capture. Fuel Processing Technology, 2021, 214, 106684.	7.2	52
2	Solvent-free iridium-catalyzed CO ₂ hydrosilylation: experiments and kinetic modeling. Catalysis Science and Technology, 2015, 5, 274-279.	4.1	36
3	Internally circulating fluidized-bed reactor for syngas production using chemical looping reforming. Chemical Engineering Journal, 2019, 377, 120076.	12.7	30
4	Control of the Reaction Mechanism of Alkylaromatics Transalkylation by Means of Molecular Confinement Effects Associated to Zeolite Channel Architecture. ACS Catalysis, 2019, 9, 5935-5946.	11.2	29
5	Kinetics modeling of disproportionation and ethylation of ethylbenzene over HZSM-5: Effects of SiO ₂ /Al ₂ O ₃ ratio. Chemical Engineering Journal, 2013, 222, 498-511.	12.7	19
6	Influencing the activity and selectivity of alkylaromatic catalytic transformations by varying the degree of delamination in MWW zeolites. Catalysis Science and Technology, 2016, 6, 3166-3181.	4.1	18
7	Alkylation of toluene with ethanol to para-ethyltoluene over MFI zeolites: Comparative study and kinetic modeling. Catalysis Today, 2015, 243, 109-117.	4.4	15
8	Mapping the operating performance of a novel internally circulating fluidized bed reactor applied to chemical looping combustion. Fuel Processing Technology, 2020, 197, 106183.	7.2	15
9	Kinetics Study of Ethylbenzene Alkylation with Ethanol over Medium and Large Pore Zeolites. Industrial & Engineering Chemistry Research, 2013, 52, 13613-13621.	3.7	12
10	Influence of toluene-tetramethylbenzene transalkylation on heavy aromatics conversion to xylenes. Journal of Industrial and Engineering Chemistry, 2015, 21, 1077-1088.	5.8	11
11	Experimental demonstration of pressurized chemical looping combustion in an internally circulating reactor for power production with integrated CO ₂ capture. Chemical Engineering Journal, 2020, 401, 125974.	12.7	11
12	Pressurized chemical looping methane reforming to syngas for efficient methanol production: Experimental and process simulation study. Advances in Applied Energy, 2021, 4, 100069.	13.2	8
13	Ethylation of Ethylbenzene with Ethanol over Mordenite-Based Catalysts: Effects of Acidity, Desilication and Kinetics Analysis. International Journal of Chemical Reactor Engineering, 2014, 12, 487-496.	1.1	1