Sonal

List of Publications by Year
in descending order

9 papers	153 citations	1478505 6 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	186 citing authors

#	Article	IF	Citations
1	Recent Advancements and Detailed Understanding of Kinetics for Synthesis Gas Conversion into Liquid Fuel. , 2021, , 459-501.		0
2	An insight into the promotional effect on Fe-Co bimetallic catalyst in the Fischer Tropsch reaction: A DRIFTS study. Fuel, 2020, 276, 118044.	6.4	18
3	Synergistic effect of bifunctional mesoporous ZSM-5 supported Fe-Co catalyst for selective conversion of syngas with low Ribblet ratio into synthetic fuel. Microporous and Mesoporous Materials, 2019, 275, 1-13.	4.4	20
4	Biomass-derived CO2 rich syngas conversion to higher hydrocarbon via Fischer-Tropsch process over Feâ€"Co bimetallic catalyst. International Journal of Hydrogen Energy, 2019, 44, 27741-27748.	7.1	38
5	Detailed kinetics of Fischer Tropsch synthesis over Fe-Co bimetallic catalyst considering chain length dependent olefin desorption. Fuel, 2019, 236, 1263-1272.	6.4	18
6	Investigations on the effect of reaction parameters over Fe/Cu/K catalyst for the production of selective range of liquid hydrocarbon. Journal of Chemical Sciences, 2018, 130, 1.	1.5	2
7	Synergistic Effect of Feâ€"Co Bimetallic Catalyst on FTS and WGS Activity in the Fischerâ€"Tropsch Process: A Kinetic Study. Industrial & Engineering Chemistry Research, 2017, 56, 4659-4671.	3.7	27
8	Synthesis of C5+ hydrocarbons from low H2/CO ratio syngas over silica supported bimetallic Fe-Co catalyst. Catalysis Today, 2017, 291, 133-145.	4.4	27
9	Efficient utilization of bimetallic catalyst in low $$hbox {H}_{2}/hbox {CO}$$ H 2 / CO environment syngas for liquid fuel production. Journal of Chemical Sciences, 2017, 129, 1747-1754.	1.5	3