Kyungho Lee

List of Publications by Year
in descending order

11 papers	523 citations	840585 11 h-index	1281743 11 g-index
11 all docs	11 docs citations	11 times ranked	627 citing authors

#	Article	IF	Citations
1	Cooperative effects of secondary mesoporosity and acid site location in Pt/SAPO-11 on n -dodecane hydroisomerization selectivity. Journal of Catalysis, 2014, 319, 232-238.	3.1	130
2	Cooperative effects of zeolite mesoporosity and defect sites on the amount and location of coke formation and its consequence in deactivation. Journal of Catalysis, 2017, 347, 222-230.	3.1	103
3	Atomic Pd-promoted ZnZrO solid solution catalyst for CO2 hydrogenation to methanol. Applied Catalysis B: Environmental, 2022, 304, 120994.	10.8	59
4	Revisiting hydrogen spillover in Pt/LTA: Effects of physical diluents having different acid site distributions. Journal of Catalysis, 2015, 325, 26-34.	3.1	48
5	Hierarchically micro-/mesoporous Pt/KL for alkane aromatization: Synergistic combination of high catalytic activity and suppressed hydrogenolysis. Journal of Catalysis, 2016, 340, 66-75.	3.1	41
6	Effects of Fatty Acid Compositions on Heavy Oligomer Formation and Catalyst Deactivation during Deoxygenation of Triglycerides. ACS Sustainable Chemistry and Engineering, 2018, 6, 17168-17177.	3.2	29
7	Single-step hydroconversion of triglycerides into biojet fuel using CO-tolerant PtRe catalyst supported on USY. Journal of Catalysis, 2019, 379, 180-190.	3.1	28
8	A novel process for the coproduction of biojet fuel and high-value polyunsaturated fatty acid esters from heterotrophic microalgae Schizochytrium sp. ABC101. Renewable Energy, 2021, 165, 481-490.	4.3	28
9	Effects of Fatty Acid Structures on Ketonization Selectivity and Catalyst Deactivation. ACS Sustainable Chemistry and Engineering, 2018, 6, 13035-13044.	3.2	23
10	Effects of secondary mesoporosity and zeolite crystallinity on catalyst deactivation of ZSM-5 in propanal conversion. Microporous and Mesoporous Materials, 2017, 245, 16-23.	2.2	21
11	Importance of pore size and Lewis acidity of Pt/Al2O3 for mitigating mass transfer limitation and catalyst fouling in triglyceride deoxygenation. Chemical Engineering Journal, 2022, 439, 135530.	6.6	13