Sunghoon Lee

List of Publications by Year
in descending order

10 papers	165 citations	1478505 6 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	245 citing authors

#	Article	IF	Citations
1	Membrane separation process for CO2 capture from mixed gases using TR and XTR hollow fiber membranes: Process modeling and experiments. Journal of Membrane Science, 2017, 541, 224-234.	8.2	39
2	Automated process design and optimization of membrane-based CO2 capture for a coal-based power plant. Journal of Membrane Science, 2018, 563, 820-834.	8.2	36
3	Process-integrated design of a sub-ambient membrane process for CO2 removal from natural gas power plants. Applied Energy, 2020, 260, 114255.	10.1	29
4	Strategies for the simulation of multi-component hollow fibre multi-stage membrane gas separation systems. Journal of Membrane Science, 2016, 497, 458-471.	8.2	25
5	Development of novel sub-ambient membrane systems for energy-efficient post-combustion CO2 capture. Applied Energy, 2019, 238, 1060-1073.	10.1	24
6	Direct Conversion of CO2 into Dimethyl Ether over Al2O3/Cu/ZnO Catalysts Prepared by Sequential Precipitation. Catalysts, 2019, 9, 524.	3.5	9
7	Techno-economic assessment of CO2 capture integrated coal-fired power plant with energetic analysis. Energy, 2021, 236, 121493.	8.8	3
8	Process design of absorption-membrane hybrid CO2 capture systems for coal-fired power plant. Computer Aided Chemical Engineering, 2018, , 1521-1522.	0.5	0
9	Techno-Economic Analysis of CO2 Capture Processes from Coal-fired Power Plants. Computer Aided Chemical Engineering, 2018, 43, 1519-1520.	0.5	0
10	Process synthesis and optimization of membrane systems with superstructure approach for the mitigation of CO2 emissions from a coal-fired power plant. Computer Aided Chemical Engineering, 2018, , 901-902.	0.5	0