

Sunghoon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

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