

Surya Effendy

List of Publications by Year in descending order

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7
papers

189
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of a Pressure Swing Adsorption Process for Nitrogen Rejection from Natural Gas. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 5417-5431.	3.7	49
2	Dynamic modelling and optimization of an LNG storage tank in a regasification terminal with semi-analytical solutions for N ₂ -free LNG. <i>Computers and Chemical Engineering</i> , 2017, 99, 40-50.	3.8	40
3	Analysis, Design, and Generalization of Electrochemical Impedance Spectroscopy (EIS) Inversion Algorithms. <i>Journal of the Electrochemical Society</i> , 2020, 167, 106508.	2.9	34
4	Improving design and operation at LNG regasification terminals through a corrected storage tank model. <i>Applied Thermal Engineering</i> , 2019, 149, 344-353.	6.0	23
5	Industrial Scale Propylene/Propane Separation Using Pressure Vacuum Swing Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6451-6463.	3.7	17
6	Blistering failure of elastic coatings with applications to corrosion resistance. <i>Soft Matter</i> , 2021, 17, 9480-9498.	2.7	14
7	A rigorous criterion for approach to cyclic steady-state in PSA simulations. <i>Chemical Engineering Science</i> , 2017, 160, 313-320.	3.8	12