

Ahmed AlNouss

List of Publications by Year in descending order

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12
papers

439
citations

933264

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h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable boil-off gas utilization in liquefied natural gas production: Economic and environmental benefits. <i>Journal of Cleaner Production</i> , 2021, 296, 126563.	4.6	10
2	Techno-economic and sensitivity analysis of coconut coir pith-biomass gasification using ASPEN PLUS. <i>Applied Energy</i> , 2020, 261, 114350.	5.1	84
3	Enhancing waste to hydrogen production through biomass feedstock blending: A techno-economic-environmental evaluation. <i>Applied Energy</i> , 2020, 266, 114885.	5.1	55
4	A techno-economic-environmental study evaluating the potential of oxygen-steam biomass gasification for the generation of value-added products. <i>Energy Conversion and Management</i> , 2019, 196, 664-676.	4.4	107
5	Impact of Sampling Technique on the Performance of Surrogate Models Generated with Artificial Neural Network (ANN): A Case Study for a Natural Gas Stabilization Unit. <i>Energies</i> , 2019, 12, 1906.	1.6	14
6	Influence of draw solution type and properties on the performance of forward osmosis process: Energy consumption and sustainable water reuse. <i>Chemosphere</i> , 2019, 233, 234-244.	4.2	40
7	Potential energy savings and greenhouse gases (GHGs) emissions reduction strategy for natural gas liquid (NGL) recovery: Process simulation and economic evaluation. <i>Journal of Cleaner Production</i> , 2018, 194, 525-539.	4.6	32
8	A process design approach to manage the uncertainty of industrial flaring during abnormal operations. <i>Computers and Chemical Engineering</i> , 2018, 117, 191-208.	2.0	10
9	Integrated Data (i-Data), Mining and Utilization Approach for Effective Flare Management Strategies. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2789-2803.	1.8	4
10	CO ₂ Capture Using Aqueous Potassium Carbonate Promoted by Ethylaminoethanol: A Kinetic Study. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5238-5246.	1.8	32
11	Solar co-production of samarium and syngas via methanothermal reduction of samarium sesquioxide. <i>Energy Conversion and Management</i> , 2016, 112, 413-422.	4.4	32
12	Multi-objective optimization methodology to size cogeneration systems for managing flares from uncertain sources during abnormal process operations. <i>Computers and Chemical Engineering</i> , 2015, 76, 76-86.	2.0	19