

Ahmed AlNouss

List of Publications by Year in descending order

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12
papers

439
citations

933447

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1199594

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12
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12
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable boil-off gas utilization in liquefied natural gas production: Economic and environmental benefits. Journal of Cleaner Production, 2021, 296, 126563.	9.3	10
2	Techno-economic and sensitivity analysis of coconut coir pith-biomass gasification using ASPEN PLUS. Applied Energy, 2020, 261, 114350.	10.1	84
3	Enhancing waste to hydrogen production through biomass feedstock blending: A techno-economic-environmental evaluation. Applied Energy, 2020, 266, 114885.	10.1	55
4	A techno-economic-environmental study evaluating the potential of oxygen-steam biomass gasification for the generation of value-added products. Energy Conversion and Management, 2019, 196, 664-676.	9.2	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. Energies, 2019, 12, 1906.	3.1	14
6	Influence of draw solution type and properties on the performance of forward osmosis process: Energy consumption and sustainable water reuse. Chemosphere, 2019, 233, 234-244.	8.2	40
7	Potential energy savings and greenhouse gases (GHGs) emissions reduction strategy for natural gas liquid (NGL) recovery: Process simulation and economic evaluation. Journal of Cleaner Production, 2018, 194, 525-539.	9.3	32
8	A process design approach to manage the uncertainty of industrial flaring during abnormal operations. Computers and Chemical Engineering, 2018, 117, 191-208.	3.8	10
9	Integrated Data (i-Data), Mining and Utilization Approach for Effective Flare Management Strategies. Industrial & Engineering Chemistry Research, 2017, 56, 2789-2803.	3.7	4
10	CO ₂ Capture Using Aqueous Potassium Carbonate Promoted by Ethylaminoethanol: A Kinetic Study. Industrial & Engineering Chemistry Research, 2016, 55, 5238-5246.	3.7	32
11	Solar co-production of samarium and syngas via methanothermal reduction of samarium sesquioxide. Energy Conversion and Management, 2016, 112, 413-422.	9.2	32
12	Multi-objective optimization methodology to size cogeneration systems for managing flares from uncertain sources during abnormal process operations. Computers and Chemical Engineering, 2015, 76, 76-86.	3.8	19