

# Ahmed AlNouss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1458411/publications.pdf>

Version: 2024-02-01

12  
papers

439  
citations

933264

10  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

432  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.4	107
2	Techno-economic and sensitivity analysis of coconut coir pith-biomass gasification using ASPEN PLUS. Applied Energy, 2020, 261, 114350.	5.1	84
3	Enhancing waste to hydrogen production through biomass feedstock blending: A techno-economic-environmental evaluation. Applied Energy, 2020, 266, 114885.	5.1	55
4	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.	4.2	40
5	CO <sub>2</sub> Capture Using Aqueous Potassium Carbonate Promoted by Ethylaminoethanol: A Kinetic Study. Industrial & Engineering Chemistry Research, 2016, 55, 5238-5246.	1.8	32
6	Solar co-production of samarium and syngas via methanothermal reduction of samarium sesquioxide. Energy Conversion and Management, 2016, 112, 413-422.	4.4	32
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.	4.6	32
8	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.	2.0	19
9	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.	1.6	14
10	A process design approach to manage the uncertainty of industrial flaring during abnormal operations. Computers and Chemical Engineering, 2018, 117, 191-208.	2.0	10
11	Sustainable boil-off gas utilization in liquefied natural gas production: Economic and environmental benefits. Journal of Cleaner Production, 2021, 296, 126563.	4.6	10
12	Integrated Data (i-Data), Mining and Utilization Approach for Effective Flare Management Strategies. Industrial & Engineering Chemistry Research, 2017, 56, 2789-2803.	1.8	4