

# Asad Ullah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11951120/publications.pdf>

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7  
papers

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1684188  
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docs citations

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times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia-based CO <sub>2</sub> capture parameters optimization and analysis of lean and rich vapor compression processes. Separation and Purification Technology, 2019, 217, 8-16.	7.9	26
2	Performance and energy cost evaluation of an integrated NH <sub>3</sub> -based CO <sub>2</sub> capture-capacitive deionization process. International Journal of Greenhouse Gas Control, 2017, 66, 85-96.	4.6	16
3	Energy Minimization in Piperazine Promoted MDEA-Based CO <sub>2</sub> Capture Process. Sustainability, 2020, 12, 8524.	3.2	15
4	Analysis of a rich vapor compression method for an ammonia-based CO <sub>2</sub> capture process and freshwater production using membrane distillation technology. Chemical Engineering Research and Design, 2019, 147, 244-258.	5.6	9
5	The recovery of waste heat from the absorber vent gases of a CO <sub>2</sub> capture unit by using membrane distillation technology for freshwater production. International Journal of Greenhouse Gas Control, 2020, 95, 102957.	4.6	7
6	Integration of CO <sub>2</sub> capture unit with membrane distillation technology: CO <sub>2</sub> mitigation and freshwater production. Chemical Engineering and Processing: Process Intensification, 2020, 158, 108185.	3.6	4
7	An investigation on simultaneous freshwater production and CO <sub>2</sub> capture using flue gas of a power plant. , 2022, 12, 349-361.		1