

Atuman Samaila Joel

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

510
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Process intensification for post-combustion CO ₂ capture with chemical absorption: A critical review. <i>Applied Energy</i> , 2015, 158, 275-291.	10.1	308
2	Process analysis of intensified absorber for post-combustion CO ₂ capture through modelling and simulation. <i>International Journal of Greenhouse Gas Control</i> , 2014, 21, 91-100.	4.6	68
3	Current status and future development of solvent-based carbon capture. <i>International Journal of Coal Science and Technology</i> , 2017, 4, 5-14.	6.0	53
4	Modelling and simulation of intensified absorber for post-combustion CO ₂ capture using different mass transfer correlations. <i>Applied Thermal Engineering</i> , 2015, 74, 47-53.	6.0	37
5	Modelling, simulation and analysis of intensified regenerator for solvent based carbon capture using rotating packed bed technology. <i>Applied Energy</i> , 2017, 203, 11-25.	10.1	37
6	Development of activated carbon from sawdust by pyrolysis and methylene blue adsorption. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 473-481.	1.1	5
7	Preliminary Performance Assessment of Intensified Stripper in Post-combustion Carbon Capture through Modelling and Simulation. <i>Energy Procedia</i> , 2017, 114, 1637-1642.	1.8	1
8	Study of the Effect of Fin Geometry on Cooling Process of Computer Microchips Through Modelling and Simulation. <i>International Journal of Industrial and Manufacturing Systems Engineering</i> , 2017, 2, 48.	0.2	1