

Wenbin Zhang

List of Publications by Year in descending order

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8
papers

432
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic performance evaluation of a polyethylenimine/silica adsorbent with steam regeneration using simulated NGCC flue gas and actual flue gas of a gas-fired boiler in a bubbling fluidized bed reactor. International Journal of Greenhouse Gas Control, 2020, 95, 102975.	4.6	6
2	Parametric analysis on the performance of a revolutionary rotary Ericsson heat pump/engine. International Journal of Low-Carbon Technologies, 2019, 14, 36-43.	2.6	1
3	Process simulations of post-combustion CO ₂ capture for coal and natural gas-fired power plants using a polyethylenimine/silica adsorbent. International Journal of Greenhouse Gas Control, 2017, 58, 276-289.	4.6	34
4	Parametric study on the regeneration heat requirement of an amine-based solid adsorbent process for post-combustion carbon capture. Applied Energy, 2016, 168, 394-405.	10.1	136
5	Performance of polyethylenimine-silica adsorbent for post-combustion CO ₂ capture in a bubbling fluidized bed. Chemical Engineering Journal, 2014, 251, 293-303.	12.7	79
6	Capturing CO ₂ from ambient air using a polyethylenimine-silica adsorbent in fluidized beds. Chemical Engineering Science, 2014, 116, 306-316.	3.8	136
7	Environmental Concerns Regarding CO ₂ . , 2013, , 415-454.		0
8	Gas cleaning strategies for biomass gasification product gas. International Journal of Low-Carbon Technologies, 2012, 7, 69-74.	2.6	40