

Xiaoyue Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6335271/publications.pdf>

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7
papers

153
citations

1684188

5
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a flue gas driven open absorption system for heat and water recovery from fossil fuel boilers. <i>Energy Conversion and Management</i> , 2016, 128, 57-65.	9.2	51
2	Waste heat and water recovery from natural gas boilers: Parametric analysis and optimization of a flue-gas-driven open absorption system. <i>Energy Conversion and Management</i> , 2017, 154, 526-537.	9.2	35
3	Investigation on the coupled heat and mass transfer process between extremely high humidity air and liquid desiccant in the counter-flow adiabatic packed tower. <i>International Journal of Heat and Mass Transfer</i> , 2017, 110, 898-907.	4.8	28
4	A hybrid flue gas heat recovery system based on vapor compression refrigeration and liquid desiccant dehumidification. <i>Energy Conversion and Management</i> , 2019, 195, 157-166.	9.2	23
5	Irreversibility characterization and analysis of coupled heat and mass transfer processes in an absorption system. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 1121-1133.	4.8	11
6	A novel flue gas heat recovery system based on low-pressure regeneration liquid desiccant cycle. <i>International Journal of Low-Carbon Technologies</i> , 2018, 13, 1-5.	2.6	4
7	Experimental investigation on the performance of a boiler system with flue gas dehumidification and combustion air humidification. <i>Applied Energy</i> , 2022, 323, 119623.	10.1	1