

Qing Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2278510/publications.pdf>

Version: 2024-02-01

21
papers

320
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass transfer characteristic research on electrodialysis for desalination and regeneration of solution: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110115.	16.4	38
2	Double-stage photovoltaic/thermal ED regeneration for liquid desiccant cooling system. <i>Energy and Buildings</i> , 2012, 51, 64-72.	6.7	33
3	Experimental investigation of an electrodialysis regenerator for liquid desiccant. <i>Energy and Buildings</i> , 2013, 67, 419-425.	6.7	33
4	Experimental comparative research on electrodialysis regeneration for liquid desiccant with different concentrations in liquid desiccant air-conditioning system. <i>Energy and Buildings</i> , 2017, 155, 475-483.	6.7	26
5	Experimental and theoretical research on the current efficiency of the electrodialysis regenerator for liquid desiccant air-conditioning system using LiCl solution. <i>International Journal of Refrigeration</i> , 2018, 96, 1-9.	3.4	24
6	Performance analysis of a new desiccant pre-treatment electrodialysis regeneration system for liquid desiccant. <i>Energy and Buildings</i> , 2013, 66, 1-15.	6.7	23
7	A solar desiccant pre-treatment electrodialysis regeneration system for liquid desiccant air-conditioning system. <i>Energy and Buildings</i> , 2013, 67, 434-444.	6.7	21
8	Performance analysis of a novel multi-function liquid desiccant regeneration system for liquid desiccant air-conditioning system. <i>Energy</i> , 2017, 140, 240-252.	8.8	21
9	Influence of concentration difference between dilute cells and regenerate cells on the performance of electrodialysis regenerator. <i>Energy</i> , 2017, 140, 646-655.	8.8	20
10	Performance evaluation of the electrodialysis regenerator for the lithium bromide solution with high concentration in the liquid desiccant air-conditioning system. <i>Energy</i> , 2019, 187, 115928.	8.8	14
11	Experimental and theoretical research on the electrical conductivity of a liquid desiccant for the liquid desiccant air-conditioning system: LiCl aqueous solution. <i>International Journal of Refrigeration</i> , 2018, 91, 189-198.	3.4	13
12	Performance investigation of a solar cascade liquid desiccant regeneration system for hot and humid climates. <i>Building and Environment</i> , 2021, 202, 108023.	6.9	13
13	A new solar coupling regeneration method for liquid desiccant air-conditioning system. <i>Journal of Central South University</i> , 2014, 21, 3214-3224.	3.0	10
14	Performance comparison on different liquid desiccants in the liquid desiccant air-conditioning using electrodialysis regeneration: LiCl and LiBr aqueous solutions. <i>International Journal of Refrigeration</i> , 2019, 107, 1-10.	3.4	10
15	Performance analysis of different air conditioning systems in apartment buildings under different climates in China. <i>International Journal of Refrigeration</i> , 2022, 139, 192-203.	3.4	7
16	An ion mass transfer model of electrodialysis regenerator for inorganic salt liquid desiccants. <i>Energy</i> , 2022, 239, 122432.	8.8	5
17	Performance of a civil aircraft environmental control system coupled with hot water supplying. <i>Applied Thermal Engineering</i> , 2022, 203, 117924.	6.0	4
18	Research on a new optimization method for airflow organization in breeding air conditioning with perforated ceiling ventilation. <i>Energy</i> , 2022, 254, 124279.	8.8	4

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation of Electrical Conductivity of Liquid Desiccant Solution. <i>Advanced Materials Research</i> , 2012, 516-517, 1910-1916.	0.3	1
20	Experimental Research on Regeneration Characteristic of ED Regeneration for Lithium Bromide Desiccant Solution with High Concentration: Operating Condition and Electrode Solution. <i>Energies</i> , 2020, 13, 4733.	3.1	0
21	A current efficiency model coupled with desiccant molecular weight for electrodialysis regeneration in liquid desiccant air-conditioning systems. <i>Energy and Environment</i> , 0, , 0958305X2210794.	4.6	0