

# Zili Yang

## List of Publications by Year in descending order

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19  
papers

252  
citations

1040056

9  
h-index

940533

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19  
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19  
docs citations

19  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Portable ultrasonic humidifier exacerbates indoor bioaerosol risks by raising bacterial concentrations and fueling pathogenic genera. <i>Indoor Air</i> , 2022, 32, .	4.3	4
2	Aqueous lithium chloride solution as a non-toxic bactericidal and fungicidal disinfectant for air-conditioning systems: Efficacy and mechanism. <i>Environmental Research</i> , 2022, 212, 113112.	7.5	6
3	Development of a second-order dynamic model for quantifying impact of thermal mass on indoor thermal environment. <i>Journal of Building Engineering</i> , 2021, 42, 102496.	3.4	3
4	Feasibility study on improving the performance of atomization liquid desiccant dehumidifier with standing-wave ultrasound. <i>Energy</i> , 2020, 205, 118101.	8.8	3
5	Determination of cost-efficient cooling power range for improving the performance of internally cooled ultrasonic atomization liquid desiccant dehumidifiers. <i>Indoor and Built Environment</i> , 2020, 29, 1260-1276.	2.8	2
6	Study on the Optimal Cooling Power for the Internally Cooled Ultrasonic Atomization Dehumidifier with Liquid Desiccant. <i>Environmental Science and Engineering</i> , 2020, , 923-932.	0.2	0
7	Experimental study on the performance of the internally-heated ultrasonic atomization liquid desiccant regeneration system. <i>Applied Thermal Engineering</i> , 2019, 163, 114211.	6.0	13
8	Numerical study on dynamic thermal characteristics and optimum configuration of internal walls for intermittently heated rooms with different heating durations. <i>Applied Thermal Engineering</i> , 2019, 155, 437-448.	6.0	23
9	Performance study of the internally-cooled ultrasonic atomization liquid desiccant dehumidification system. <i>Energy</i> , 2019, 175, 745-757.	8.8	20
10	Feasibility study on applying the mist-spraying cooling to improve the capacity of ultra-large container ships for loading reefers. <i>Ocean Engineering</i> , 2018, 163, 377-390.	4.3	4
11	Analysis on the performance sensitivity and stability of the ultrasonic atomization liquid desiccant regeneration system. <i>Science and Technology for the Built Environment</i> , 2017, 23, 307-323.	1.7	4
12	Study on the Operational Economy of the Ultrasonic Atomization Liquid Desiccant Dehumidification System. <i>Procedia Engineering</i> , 2017, 205, 2879-2886.	1.2	12
13	Simulation on Regeneration Performance for the Ultrasonic Atomization Liquid Desiccant System. <i>Procedia Engineering</i> , 2017, 205, 2925-2932.	1.2	2
14	Sensitivity and stability analysis on the performance of ultrasonic atomization liquid desiccant dehumidification system. <i>Energy</i> , 2016, 112, 1169-1183.	8.8	11
15	Performance investigation on the ultrasonic atomization liquid desiccant regeneration system. <i>Applied Energy</i> , 2016, 171, 12-25.	10.1	52
16	Analysis on the Significance of Effects from Operational Conditions on the Performances of Ultrasonic Atomization Dehumidifier with Liquid Desiccant. <i>Procedia Engineering</i> , 2015, 121, 89-94.	1.2	2
17	Experimental study on mass transfer performances of the ultrasonic atomization liquid desiccant dehumidification system. <i>Energy and Buildings</i> , 2015, 93, 126-136.	6.7	38
18	Concept of dehumidification perfectness and its potential applications. <i>Energy</i> , 2015, 91, 176-191.	8.8	14

#	ARTICLE	IF	CITATIONS
19	Improvement of the ultrasonic atomization liquid desiccant dehumidification system. Energy and Buildings, 2014, 85, 145-154.	6.7	39