

# Yunran Min

## List of Publications by Year in descending order

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14  
papers

333  
citations

933447

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1058476

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14  
docs citations

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times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study on indirect evaporative coolers considering condensation: A thorough comparison between cross flow and counter flow. <i>International Journal of Heat and Mass Transfer</i> , 2019, 131, 472-486.	4.8	62
2	Research development of indirect evaporative cooling technology: An updated review. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111082.	16.4	53
3	Fundamentals and applications of CFD technology on analyzing falling film heat and mass exchangers: A comprehensive review. <i>Applied Energy</i> , 2020, 261, 114473.	10.1	52
4	A statistical modeling approach on the performance prediction of indirect evaporative cooling energy recovery systems. <i>Applied Energy</i> , 2019, 255, 113832.	10.1	48
5	Applicability of indirect evaporative cooler for energy recovery in hot and humid areas: Comparison with heat recovery wheel. <i>Applied Energy</i> , 2021, 287, 116607.	10.1	25
6	Characteristics of primary air condensation in indirect evaporative cooler: Theoretical analysis and visualized validation. <i>Building and Environment</i> , 2020, 174, 106783.	6.9	22
7	Dynamic performance evaluation of porous indirect evaporative cooling system with intermittent spraying strategies. <i>Applied Energy</i> , 2022, 311, 118598.	10.1	17
8	Development of a three-dimensional numerical model of indirect evaporative cooler incorporating with air dehumidification. <i>International Journal of Heat and Mass Transfer</i> , 2022, 185, 122316.	4.8	15
9	Enhancing the cooling and dehumidification performance of indirect evaporative cooler by hydrophobic-coated primary air channels. <i>International Journal of Heat and Mass Transfer</i> , 2021, 179, 121733.	4.8	14
10	Performance evaluation of a novel plate-type porous indirect evaporative cooling system: An experimental study. <i>Journal of Building Engineering</i> , 2022, 48, 103898.	3.4	14
11	A Model for Residential Building Energy Consumption Characteristics and Energy Demand: A Case in Chongqing. <i>Procedia Engineering</i> , 2015, 121, 1772-1779.	1.2	4
12	Development and optimization of a novel controller for regenerative indirect evaporative cooler. <i>Energy Procedia</i> , 2019, 158, 2378-2383.	1.8	3
13	Investigation on the regeneration characteristics of LiCl solution with PVP and MWNTs. <i>Energy Procedia</i> , 2019, 158, 669-674.	1.8	2
14	Investigation on dynamic behaviour of condensation heat transfer in indirect evaporative cooler. <i>Indoor and Built Environment</i> , 2022, 31, 2024-2035.	2.8	2