

Javier Ruiz RamÃ- rez

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

465
citations

759233

12
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on energy performance of a split air-conditioner by using variable thickness evaporative cooling pads coupled to the condenser. <i>Applied Thermal Engineering</i> , 2016, 105, 1041-1050.	6.0	64
2	Experimental study of the energy and exergy performance of a plastic mesh evaporative pad used in air conditioning applications. <i>Applied Thermal Engineering</i> , 2018, 138, 675-685.	6.0	53
3	Experimental study on the performance of a mechanical cooling tower fitted with different types of water distribution systems and drift eliminators. <i>Applied Thermal Engineering</i> , 2013, 50, 282-292.	6.0	42
4	On the influence of psychrometric ambient conditions on cooling tower drift deposition. <i>International Journal of Heat and Mass Transfer</i> , 2010, 53, 594-604.	4.8	40
5	Photovoltaic Evaporative Chimney as a new alternative to enhance solar cooling. <i>Renewable Energy</i> , 2017, 111, 26-37.	8.9	39
6	Optimum Design and Operation of an HVAC Cooling Tower for Energy and Water Conservation. <i>Energies</i> , 2017, 10, 299.	3.1	25
7	Experimental study of drift deposition from mechanical draft cooling towers in urban environments. <i>Energy and Buildings</i> , 2016, 125, 181-195.	6.7	23
8	Experimental measurement of cooling tower emissions using image processing of sensitive papers. <i>Atmospheric Environment</i> , 2013, 69, 170-181.	4.1	21
9	CFD analysis of drift eliminators using RANS and LES turbulent models. <i>Applied Thermal Engineering</i> , 2016, 105, 979-987.	6.0	21
10	Numerical and experimental study on a single cone saline water spray in a wind tunnel. <i>International Journal of Thermal Sciences</i> , 2017, 120, 190-202.	4.9	20
11	Experimental determination of drift and PM 10 cooling tower emissions: Influence of components and operating conditions. <i>Environmental Pollution</i> , 2017, 230, 422-431.	7.5	19
12	Prediction of the lifetime of droplets emitted from mechanical cooling towers by numerical investigation. <i>International Journal of Heat and Mass Transfer</i> , 2015, 89, 1190-1206.	4.8	13
13	Experimental study on pressure loss and collection efficiency of drift eliminators. <i>Applied Thermal Engineering</i> , 2019, 149, 94-104.	6.0	13
14	Thermal performance and emissions analysis of a new cooling tower prototype. <i>Applied Thermal Engineering</i> , 2022, 206, 118065.	6.0	13
15	Experimental optimization of the thermal performance of a dry and adiabatic fluid cooler. <i>Applied Thermal Engineering</i> , 2014, 69, 1-10.	6.0	10
16	Experimental characterization of a photovoltaic solar-driven cooling system based on an evaporative chimney. <i>Renewable Energy</i> , 2020, 161, 43-54.	8.9	9
17	Performance Analysis and Optimisation of a Solar On-Grid Air Conditioner. <i>Energies</i> , 2021, 14, 8054.	3.1	8
18	Experimental study of a modified evaporative photovoltaic chimney including water sliding. <i>Renewable Energy</i> , 2019, 134, 161-168.	8.9	7

#	ARTICLE	IF	CITATIONS
19	Experimental study of an ultrasonic mist generator as an evaporative cooler. Applied Thermal Engineering, 2020, 181, 116057.	6.0	7
20	Energetic, exergetic and environmental (3E) analyses of different cooling technologies (wet, dry and Tj ETQq0 0 0 ggBT /Overclock 10 Tf	3.7	7
21	Numerical Characterization of an Ultrasonic Mist Generator as an Evaporative Cooler. Energies, 2020, 13, 2971.	3.1	6
22	Critical evaluation of the thermal performance analysis of a new cooling tower prototype. Applied Thermal Engineering, 2022, 213, 118719.	6.0	3
23	Photovoltaic Evaporative Chimney lâ€“V Measurement System. Energies, 2021, 14, 8198.	3.1	2
24	CFD Modeling of Legionella's Atmospheric Dispersion in the Explosive Outbreak in Murcia, Spain. Heat Transfer Engineering, 2017, 38, 1063-1072.	1.9	0