

# 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	Thermal performance and emissions analysis of a new cooling tower prototype. Applied Thermal Engineering, 2022, 206, 118065.	6.0	13
2	Critical evaluation of the thermal performance analysis of a new cooling tower prototype. Applied Thermal Engineering, 2022, 213, 118719.	6.0	3
3	Energetic, exergetic and environmental (3E) analyses of different cooling technologies (wet, dry and Tj ETQq1 1 0.784314 rgBT /Ove	5.7	7
4	Performance Analysis and Optimisation of a Solar On-Grid Air Conditioner. Energies, 2021, 14, 8054.	3.1	8
5	Photovoltaic Evaporative Chimney lâ€“V Measurement System. Energies, 2021, 14, 8198.	3.1	2
6	Experimental characterization of a photovoltaic solar-driven cooling system based on an evaporative chimney. Renewable Energy, 2020, 161, 43-54.	8.9	9
7	Numerical Characterization of an Ultrasonic Mist Generator as an Evaporative Cooler. Energies, 2020, 13, 2971.	3.1	6
8	Experimental study of an ultrasonic mist generator as an evaporative cooler. Applied Thermal Engineering, 2020, 181, 116057.	6.0	7
9	Experimental study of a modified evaporative photovoltaic chimney including water sliding. Renewable Energy, 2019, 134, 161-168.	8.9	7
10	Experimental study on pressure loss and collection efficiency of drift eliminators. Applied Thermal Engineering, 2019, 149, 94-104.	6.0	13
11	Experimental study of the energy and exergy performance of a plastic mesh evaporative pad used in air conditioning applications. Applied Thermal Engineering, 2018, 138, 675-685.	6.0	53
12	Photovoltaic Evaporative Chimney as a new alternative to enhance solar cooling. Renewable Energy, 2017, 111, 26-37.	8.9	39
13	Numerical and experimental study on a single cone saline water spray in a wind tunnel. International Journal of Thermal Sciences, 2017, 120, 190-202.	4.9	20
14	Experimental determination of drift and PM 10 cooling tower emissions: Influence of components and operating conditions. Environmental Pollution, 2017, 230, 422-431.	7.5	19
15	CFD Modeling of Legionella's Atmospheric Dispersion in the Explosive Outbreak in Murcia, Spain. Heat Transfer Engineering, 2017, 38, 1063-1072.	1.9	0
16	Optimum Design and Operation of an HVAC Cooling Tower for Energy and Water Conservation. Energies, 2017, 10, 299.	3.1	25
17	Experimental study of drift deposition from mechanical draft cooling towers in urban environments. Energy and Buildings, 2016, 125, 181-195.	6.7	23
18	CFD analysis of drift eliminators using RANS and LES turbulent models. Applied Thermal Engineering, 2016, 105, 979-987.	6.0	21

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Experimental measurement of cooling tower emissions using image processing of sensitive papers. <i>Atmospheric Environment</i> , 2013, 69, 170-181.	4.1	21
23	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
24	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