

Francisco Comino

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

245
citations

1163117

8
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental energy performance assessment of a solar desiccant cooling system in Southern Europe climates. <i>Applied Thermal Engineering</i> , 2020, 165, 114579.	6.0	40
2	Energy saving potential of a hybrid HVAC system with a desiccant wheel activated at low temperatures and an indirect evaporative cooler in handling air in buildings with high latent loads. <i>Applied Thermal Engineering</i> , 2018, 131, 412-427.	6.0	39
3	Simplified performance correlation of an indirect evaporative cooling system: Development and validation. <i>International Journal of Refrigeration</i> , 2018, 88, 307-317.	3.4	29
4	Long term experimental analysis of thermal performance of extensive green roofs with different substrates in Mediterranean climate. <i>Energy and Buildings</i> , 2019, 197, 18-33.	6.7	27
5	First and second order simplified models for the performance evaluation of low temperature activated desiccant wheels. <i>Energy and Buildings</i> , 2016, 116, 574-582.	6.7	20
6	Detailed experimental analysis of the energy performance of a desiccant wheel activated at low temperature. <i>Applied Thermal Engineering</i> , 2020, 178, 115580.	6.0	18
7	Experimental and numerical analysis of desiccant wheels activated at low temperatures. <i>Energy and Buildings</i> , 2016, 133, 529-540.	6.7	17
8	Exploring the reduction of energy demand of a building with an eco-roof under different irrigation strategies. <i>Sustainable Cities and Society</i> , 2021, 74, 103229.	10.4	9
9	Performance of an unglazed transpire collector in the facade of a building for heating and cooling in combination with a desiccant evaporative cooler. <i>Renewable Energy</i> , 2018, 122, 460-471.	8.9	8
10	Experimental study of a modular Unglazed transpired collector Façade for building refurbishment. <i>Solar Energy</i> , 2020, 201, 247-258.	6.1	8
11	Life cycle assessment of an experimental solar HVAC system and a conventional HVAC system. <i>Energy and Buildings</i> , 2022, 256, 111697.	6.7	7
12	Experimental and numerical study of dew-point indirect evaporative coolers to optimize performance and design. <i>International Journal of Refrigeration</i> , 2022, 142, 92-102.	3.4	7
13	Validation of multitask artificial neural networks to model desiccant wheels activated at low temperature. <i>International Journal of Refrigeration</i> , 2019, 100, 434-442.	3.4	6
14	Seasonal Analysis Comparison of Three Air-Cooling Systems in Terms of Thermal Comfort, Air Quality and Energy Consumption for School Buildings in Mediterranean Climates. <i>Energies</i> , 2021, 14, 4436.	3.1	5
15	Experimental study of overheating of an unglazed transpired collector facade under southern European summer conditions for four modes of operation. <i>Solar Energy</i> , 2019, 189, 194-206.	6.1	4
16	Experimental and Numerical Analysis of Regenerative Indirect Evaporative Coolers. <i>Environmental Sciences Proceedings</i> , 2021, 9, .	0.3	1
17	Seasonal Performance Analysis of Three Air Cooling Systems for School Buildings. <i>Environmental Sciences Proceedings</i> , 2021, 9, 14.	0.3	0