Emanuele Habib

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6486570/publications.pdf

Version: 2024-02-01

26 papers

425 citations

758635 12 h-index 752256 20 g-index

26 all docs

26 docs citations

26 times ranked 512 citing authors

#	Article	IF	CITATIONS
1	Component-Oriented Modeling of a Micro-Scale Organic Rankine Cycle System for Waste Heat Recovery Applications. Applied Sciences (Switzerland), 2021, 11, 1984.	1.3	10
2	Assumption-free modeling of a micro-scale organic Rankine cycle system based on a mass-sensitive method. Energy Conversion and Management, 2021, 245, 114554.	4.4	7
3	Investigation on the use of a novel regenerative flow turbine in a micro-scale Organic Rankine Cycle unit. Energy, 2020, 210, 118519.	4.5	13
4	Numerical Investigation of Pipelines Modeling in Small-Scale Concentrated Solar Combined Heat and Power Plants. Energies, 2020, 13, 429.	1.6	10
5	Aggregation of Users in a Residential/Commercial Building Managed by a Building Energy Management System (BEMS). IEEE Transactions on Industry Applications, 2019, 55, 26-34.	3.3	45
6	Joint Model Predictive Control of Electric and Heating Resources in a Smart Building. IEEE Transactions on Industry Applications, 2019, 55, 7015-7027.	3.3	23
7	Nearly Zero Energy Building Model Predictive Control for efficient heating. , 2018, , .		4
8	Demand Side Management in Microgrids for Load Control in Nearly Zero Energy Buildings. IEEE Transactions on Industry Applications, 2017, 53, 1769-1779.	3.3	75
9	Demand side management in mixed residential/commercial buildings with PV on site generation. , 2017, , .		5
10	An example of smart building with a km zero energy performance. , 2017, , .		6
11	Dynamic Thermal Features of Insulated Blocks: Actual Behavior and Myths. Energies, 2017, 10, 1807.	1.6	5
12	Energy performance of air-conditioning systems using an indirect evaporative cooling combined with a cooling/reheating treatment. Energy and Buildings, 2014, 69, 490-497.	3.1	26
13	Buoyancy-induced convection in		

#	Article	IF	CITATIONS
19	Natural convection from inclined plates to gases and liquids when both sides are uniformly heated at the same temperature. International Journal of Thermal Sciences, 2011, 50, 1405-1416.	2.6	12
20	Buoyant heat transport in fluids across tilted square cavities discretely heated at one side. International Journal of Thermal Sciences, 2010, 49, 797-808.	2.6	34
21	Natural Convection Heat and Momentum Transfer in Rectangular Enclosures Heated at the Lower Portion of the Sidewalls and the Bottom Wall and Cooled at the Remaining Upper Portion of the Sidewalls and the Top Wall. Heat Transfer Engineering, 2009, 30, 1166-1176.	1.2	14
22	Multi-Prandtl correlating equations for free convection heat transfer from a horizontal tube of elliptic cross-section. International Journal of Heat and Mass Transfer, 2009, 52, 1353-1364.	2.5	11
23	Correlating Equations for Laminar Free Convection From Misaligned Horizontal Cylinders in Interacting Flow Fields. Journal of Heat Transfer, 2008, 130, .	1.2	7
24	Free convection heat transfer from a horizontal cylinder affected by a downstream parallel cylinder of different diameter. International Journal of Thermal Sciences, 2006, 45, 923-931.	2.6	21
25	Heat Transfer Features of a Horizontal Slot Jet Impinging in Mixed Convection. , 2006, , .		O
26	Natural Convection From a Pair of Parallel Horizontal Circular Cylinders Set in Free Air With Different Alignments. , 2006, , .		O