

Gianluca Serale

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

726
citations

759055

12
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	A Supervisory Control Strategy for Improving Energy Efficiency of Artificial Lighting Systems in Greenhouses. <i>Energies</i> , 2021, 14, 202.	1.6	7
2	Development of algorithms for building energy efficiency. , 2020, , 267-290.		3
3	Development and evaluation of a comfort-oriented control strategy for thermal management of mixed-mode ventilated buildings. <i>Energy and Buildings</i> , 2019, 202, 109347.	3.1	32
4	<i>>Dynamic thermal modelling of a large plastic multi-span greenhouse: calibrated simulation and energy retrofit</i>. , 2018, , .		0
5	Formulation of a model predictive control algorithm to enhance the performance of a latent heat solar thermal system. <i>Energy Conversion and Management</i> , 2018, 173, 438-449.	4.4	40
6	Model Predictive Control (MPC) for Enhancing Building and HVAC System Energy Efficiency: Problem Formulation, Applications and Opportunities. <i>Energies</i> , 2018, 11, 631.	1.6	341
7	Data mining for energy analysis of a large data set of flats. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2017, 170, 3-18.	0.4	10
8	Ethical issues of monitoring sensor networks for energy efficiency in smart buildings: a case study. <i>Energy Procedia</i> , 2017, 134, 337-345.	1.8	7
9	Numerical Model for Solar Thermal Collectors and Thermal Energy Storages Based on Phase Change Slurry. , 2017, , .		1
10	Numerical model and simulation of a solar thermal collector with slurry Phase Change Material (PCM) as the heat transfer fluid. <i>Solar Energy</i> , 2016, 134, 429-444.	2.9	51
11	A novel methodology for energy performance benchmarking of buildings by means of Linear Mixed Effect Model: The case of space and DHW heating of out-patient Healthcare Centres. <i>Applied Energy</i> , 2016, 171, 592-607.	5.1	31
12	Experimental Measurement and Numerical Modeling of the Creaming of mPCM Slurry. <i>Energy Procedia</i> , 2015, 78, 2010-2015.	1.8	2
13	Thermal Energy Storage with Super Insulating Materials: A Parametrical Analysis. <i>Energy Procedia</i> , 2015, 78, 441-446.	1.8	18
14	Enthalpy-temperature Evaluation of Slurry Phase Change Materials with T-history Method. <i>Energy Procedia</i> , 2015, 78, 1877-1882.	1.8	11
15	Discovering Knowledge from a Residential Building Stock through Data Mining Analysis for Engineering Sustainability. <i>Energy Procedia</i> , 2015, 83, 370-379.	1.8	15
16	Design of a low-temperature solar heating system based on a slurry Phase Change Material (PCS). <i>Energy and Buildings</i> , 2015, 106, 44-58.	3.1	41
17	Review on Performance Metrics for Energy Efficiency in Data Center: The Role of Thermal Management. <i>Lecture Notes in Computer Science</i> , 2015, , 135-151.	1.0	19
18	Potentialities of a Low Temperature Solar Heating System Based on Slurry Phase Change Materials (PCS). <i>Energy Procedia</i> , 2014, 62, 355-363.	1.8	20

#	ARTICLE	IF	CITATIONS
19	Thermal Metrics for Data Centers: A Critical Review. Energy Procedia, 2014, 62, 391-400.	1.8	29
20	Characterization and Energy Performance of a Slurry PCM-based Solar Thermal Collector: A Numerical Analysis. Energy Procedia, 2014, 48, 223-232.	1.8	42