

Cesare Forzano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4861988/publications.pdf>

Version: 2024-02-01

12
papers

364
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentation, modelling and applications of a novel low-cost air-based photovoltaic thermal collector prototype. <i>Energy Conversion and Management</i> , 2019, 195, 1079-1097.	9.2	54
2	Photovoltaic thermal collectors: Experimental analysis and simulation model of an innovative low-cost water-based prototype. <i>Energy</i> , 2019, 179, 502-516.	8.8	50
3	Increasing self-consumption of renewable energy through the Building to Vehicle to Building approach applied to multiple users connected in a virtual micro-grid. <i>Renewable Energy</i> , 2020, 159, 1165-1176.	8.9	46
4	Passive and active performance assessment of building integrated hybrid solar photovoltaic/thermal collector prototypes: Energy, comfort, and economic analyses. <i>Energy</i> , 2020, 209, 118435.	8.8	40
5	Advanced energy technologies, methods, and policies to support the sustainable development of energy, water and environment systems. <i>Energy Reports</i> , 2022, 8, 4844-4853.	5.1	39
6	Building Energy Performance Analysis: An Experimental Validation of an In-House Dynamic Simulation Tool through a Real Test Room. <i>Energies</i> , 2019, 12, 4107.	3.1	26
7	Modelling and experimental evaluation of an innovative Integrated Collector Storage Solar Water Heating (ICSSWH) prototype. <i>Renewable Energy</i> , 2020, 157, 974-986.	8.9	26
8	Building Integrating Phase Change Materials: A Dynamic Hygrothermal Simulation Model for System Analysis. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2019, 7, 325-342.	1.9	22
9	Concentrating PhotoVoltaic glazing (CoPVG) system: Modelling and simulation of smart building facade. <i>Energy</i> , 2022, 238, 121597.	8.8	20
10	Modelling and simulation of building integrated Concentrating Photovoltaic/Thermal Glazing (CoPVTG) systems: Comprehensive energy and economic analysis. <i>Renewable Energy</i> , 2022, 193, 1121-1131.	8.9	18
11	Improving the Efficiency of Maritime Infrastructures through a BIM-Based Building Energy Modelling Approach: A Case Study in Naples, Italy. <i>Energies</i> , 2021, 14, 4854.	3.1	12
12	Energy, economic, and environmental impacts of enhanced ventilation strategies on railway coaches to reduce Covid-19 contagion risks. <i>Energy</i> , 2022, 256, 124466.	8.8	11