

Mariagrazia Pilotelli

List of Publications by Year in descending order

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19
papers

162
citations

1040056

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h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Recent Literature on Systems and Methods for the Control of Thermal Comfort in Buildings. Applied Sciences (Switzerland), 2022, 12, 5473.	2.5	19
2	Experimental and Computational Study of the Temperatures Field Around a Chimney Roof Penetration. Fire Technology, 2016, 52, 1799-1823.	3.0	16
3	Experimental Analysis of Chimneys in Wooden Roofs. Fire Technology, 2016, 52, 1939-1955.	3.0	15
4	Computing the Exergy of Solar Radiation From Real Radiation Data. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	14
5	Dynamic Approach to Evaluate the Effect of Reducing District Heating Temperature on Indoor Thermal Comfort. Energies, 2021, 14, 25.	3.1	14
6	Comparison between European chimney test results and actual installations. Journal of Fire Sciences, 2017, 35, 62-79.	2.0	12
7	Statistical Approach to Estimate the Temperature in Chimney Roof Penetration. Fire Technology, 2018, 54, 395-417.	3.0	12
8	Analysis of the temperatures measured in very thick and insulating roofs in the vicinity of a chimney. Journal of Physics: Conference Series, 2015, 655, 012019.	0.4	10
9	Conversion of End-of-Life Household Materials into Building Insulating Low-Cost Solutions for the Development of Vulnerable Contexts: Review and Outlook towards a Circular and Sustainable Economy. Sustainability, 2021, 13, 4397.	3.2	9
10	Innovative Method for Seismic and Energy Retrofitting of Masonry Buildings. Sustainability, 2021, 13, 6350.	3.2	9
11	Data on temperature-time curves measured at chimney-roof penetration. Data in Brief, 2018, 20, 306-315.	1.0	8
12	Device for Limiting the Temperature at Chimney-Roof Penetration in Very Critical Chimney Operating Conditions. Fire Technology, 2019, 55, 1937-1965.	3.0	8
13	Point Thermal Transmittance of Rib Intersections in Concrete Sandwich Wall Panels. Heat Transfer Engineering, 2019, 40, 1075-1084.	1.9	5
14	Energy- and Exergy-Based Analysis for Reducing Energy Demand in Heat Processes for Aluminum Casting. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	5
15	Effects of the Coupling of Insulating and Conductive Materials to Limit the Temperature at Chimney-Roof Penetration. Fire Technology, 2020, 56, 1655-1680.	3.0	5
16	Computational Analysis of the Influence of PCMs on Building Performance in Summer. Advances in Intelligent Systems and Computing, 2020, , 3-15.	0.6	1
17	Numerical and experimental study on metamaterials featuring acoustical and thermal properties. Journal of Physics: Conference Series, 2020, 1599, 012032.	0.4	0
18	Thermal characterization of a multilayer coating for seismic and energy building renovation. Journal of Physics: Conference Series, 2021, 1868, 012026.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Ingot and mould temperature measurements during the production of large size steel ingots. , 2002, , .		0