

Lorenzo Moro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2079089/publications.pdf>

Version: 2024-02-01

18
papers

312
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	On the tool wear mechanisms in dry and cryogenic turning Additive Manufactured titanium alloys. Tribology International, 2017, 105, 264-273.	5.9	98
2	Condensation of ternary low GWP zeotropic mixtures inside channels. International Journal of Refrigeration, 2019, 103, 77-90.	3.4	37
3	Dynamic modeling and thermal performance analysis of a refrigerated truck body during operation. International Journal of Refrigeration, 2019, 99, 288-299.	3.4	31
4	The Influence of Material Properties on the Tool Crater Wear When Machining Ti6Al4V Produced by Additive Manufacturing Technologies. Procedia CIRP, 2016, 46, 587-590.	1.9	26
5	Heat transfer and droplet population during dropwise condensation on durable coatings. Applied Thermal Engineering, 2020, 179, 115718.	6.0	24
6	Mathematical model of a thermosyphon integrated storage solar collector. Renewable Energy, 2018, 128, 400-415.	8.9	16
7	Effect of Moisture Movement on Tested Thermal Conductivity of Moist Aerated Autoclaved Concrete. Transport in Porous Media, 2013, 98, 125-146.	2.6	15
8	Analytical and Experimental Investigations on the Heat Transfer Properties of Light Concrete. International Journal of Thermophysics, 2003, 24, 1407-1414.	2.1	11
9	Melting of Paraffin Waxes Embedded in a Porous Matrix Made by Additive Manufacturing. Applied Sciences (Switzerland), 2021, 11, 5396.	2.5	11
10	Thermal Conductivity of Moist Autoclaved Aerated Concrete: Experimental Comparison Between Heat Flow Method (HFM) and Transient Plane Source Technique (TPS). Transport in Porous Media, 2016, 113, 345-355.	2.6	10
11	Class-ceramic composites for high-power white-light-emitting diodes. Ceramics International, 2021, 47, 17986-17992.	4.8	10
12	Modelling heat and mass transfer in a membrane-based air-to-air enthalpy exchanger. Journal of Physics: Conference Series, 2015, 655, 012035.	0.4	8
13	The Thermal Resistance of Mineral Wool Products with Density Gradients: Theory and Experimental Procedures. Journal of Thermal Insulation and Building Envelopes, 1997, 21, 68-90.	0.1	6
14	Simplified Procedure for the Determination of Thermal Resistance of Thick Specimens Enclosing Air Only. Journal of Thermal Insulation and Building Envelopes, 1997, 21, 153-170.	0.1	4
15	Indirect Evaporative Cooling Combined with Dehumidification in a MVHR System for Radiant Cooling. Energy Procedia, 2016, 101, 448-455.	1.8	3
16	Analytical and Experimental Investigations on the Transient Heat Transfer Process in Moist Wood Wool Slabs. Journal of Thermal Envelope and Building Science, 2001, 24, 211-225.	0.5	1
17	Investigation of effect of low emissivity shields on the thermal conductivity of low-density polystyrene. Case Studies in Construction Materials, 2020, 13, e00447.	1.7	1
18	Influence of Surface Emissivity and of Low Emissivity Shields on the Thermal Properties of Low Density Insulating Materials. , 2011, , .		0