

Andrei Burlacu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

128
citations

1684188

5
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on Mechanical and Thermal Properties of Concrete Using Waste Materials as an Aggregate Substitution. <i>Materials</i> , 2022, 15, 1728.	2.9	12
2	Experimental and Numerical Study of Thermal Performance of an Innovative Waste Heat Recovery System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11542.	2.5	3
3	Numerical Investigation of a Novel Heat Pipe Radiant Floor Heating System with Integrated Phase Change Materials. <i>Proceedings (mdpi)</i> , 2020, 63, 15.	0.2	2
4	An Interesting Approach for Icing Prevention of Walkways for Romania's Climatic Conditions. <i>Procedia Manufacturing</i> , 2020, 46, 424-431.	1.9	0
5	Sustainable Development of Human Society in Terms of Natural Depleting Resources Preservation Using Natural Renewable Raw Materials in a Novel Ecological Material Production. <i>Sustainability</i> , 2020, 12, 2651.	3.2	15
6	CFD analysis of a dual heat recovery system. <i>E3S Web of Conferences</i> , 2019, 85, 02007.	0.5	1
7	A Heat Pipe Cooler for High Power LED's Cooling in Harsh Conditions. <i>Procedia Manufacturing</i> , 2019, 32, 513-519.	1.9	9
8	CFD analysis of an innovative heat recovery system. <i>Procedia Manufacturing</i> , 2019, 32, 488-495.	1.9	2
9	Energy efficient phase change materials used for an originally designed heat recovery system. <i>Procedia Manufacturing</i> , 2019, 32, 496-503.	1.9	6
10	Numerical analysis of the thermal comfort in a church building. <i>E3S Web of Conferences</i> , 2019, 85, 02008.	0.5	3
11	Engineering properties of concrete with polystyrene granules. <i>Procedia Manufacturing</i> , 2018, 22, 288-293.	1.9	29
12	Energy efficient heat pipe heat exchanger for waste heat recovery in buildings. <i>Procedia Manufacturing</i> , 2018, 22, 714-721.	1.9	23
13	Innovative system for heat recovery from used water in the building sector. <i>Procedia Manufacturing</i> , 2018, 22, 722-729.	1.9	4
14	CFD Heat Transfer Analysis for Heat Pipes Integration into Buildings with Glazed Façades. <i>Procedia Engineering</i> , 2017, 181, 658-665.	1.2	3
15	Efficient Ways of Turning to Account Geothermal Energy for Heating in Energy Efficient Buildings. <i>Advanced Engineering Forum</i> , 2017, 21, 437-444.	0.3	2
16	ENERGY EFFICIENT PIPE HEAT EXCHANGER FOR WASTE HEAT RECOVERY FROM EXHAUST FLUE GASES. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1107-1113.	0.6	2
17	FLY ASH CEMENT CONCRETE WITH STEEL FIBERS - COMPARATIVE STUDY. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1123-1128.	0.6	5
18	ECO-FRIENDLY CONCRETE FROM WASTES. <i>Environmental Engineering and Management Journal</i> , 2017, 17, 2969-2976.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Study Regarding the Wind Action on the Functioning of Chimneys. Applied Mechanics and Materials, 2014, 659, 349-352.	0.2	1
20	Experimental Study for Data Validation Regarding the Flow Movement in Natural Convection in an Asymmetrical Heated Vertical Channel. Applied Mechanics and Materials, 2014, 659, 313-318.	0.2	3
21	Numerical Study Regarding the Flow Movement in Natural Convection in an Asymmetrical Heated Vertical Channel. Applied Mechanics and Materials, 2014, 659, 319-324.	0.2	1
22	Integrated System for Producing, Transporting and Consuming the Unconventional Energy for a Residential Building. Applied Mechanics and Materials, 0, 659, 425-430.	0.2	2