

Phalguni Mukhopadhyaya

List of Publications by Year in descending order

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21
papers

128
citations

1307594

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docs citations

22
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared thermography for quantitative thermal performance assessment of wood-framed building envelopes in Canada. <i>Energy and Buildings</i> , 2022, 258, 111807.	6.7	11
2	Serviceability limit state model for fungal growth on wood materials in the built environment. <i>Journal of Building Engineering</i> , 2022, 50, 104085.	3.4	1
3	Role of Empathy in Engineering Education and Practice in North America. <i>Education Sciences</i> , 2022, 12, 420.	2.6	3
4	Construction and Calibration of a Unique Hot Box Apparatus. <i>Energies</i> , 2022, 15, 4677.	3.1	6
5	Influence of Temperature and Moisture Content on Thermal Performance of Green Roof Media. <i>Energies</i> , 2021, 14, 2421.	3.1	8
6	A Nondestructive Longitudinal Laboratory Test Method for Detection of Incipient Ultrastructural Changes in Wood. <i>Journal of Testing and Evaluation</i> , 2021, 49, 3914-3925.	0.7	1
7	Performance of Conventional and Innovative Single U-Tube Pipe Configuration in Vertical Ground Heat Exchanger (VGHE). <i>Sustainability</i> , 2021, 13, 6384.	3.2	2
8	Determining overall heat transfer coefficient (U-Value) of wood-framed wall assemblies in Canada using external infrared thermography. <i>Building and Environment</i> , 2021, 199, 107897.	6.9	21
9	Evaluating thermal performance of vertical building envelopes: Case studies in a Canadian university campus. <i>Journal of Building Engineering</i> , 2021, 40, 102712.	3.4	6
10	In-Situ and Predicted Performance of a Certified Industrial Passive House Building under Future Climate Scenarios. <i>Buildings</i> , 2021, 11, 457.	3.1	4
11	A reality based cost-benefit analysis of high performance residences: Part II. <i>Canadian Journal of Civil Engineering</i> , 2020, 47, 630-649.	1.3	0
12	A reality-based energy analysis of high-performance residences: Part I. <i>Canadian Journal of Civil Engineering</i> , 2020, 47, 609-629.	1.3	0
13	The All-You-Can-Eat Economy: How Never-Ending Economic Growth Affects Our Happiness and Our Chances for a Sustainable Future. <i>World</i> , 2020, 1, 216-226.	2.2	1
14	Evaluating Patterns of Building Envelope Air Leakage with Infrared Thermography. <i>Energies</i> , 2020, 13, 3545.	3.1	12
15	Temperature-Dependent Thermal Performance of Closed-Cell Foam Insulation Board in Roof Constructions. <i>Journal of Cold Regions Engineering - ASCE</i> , 2020, 34, 04020016.	1.1	2
16	Effects of Extensive Green Roofs on Energy Performance of School Buildings in Four North American Climates. <i>Water (Switzerland)</i> , 2020, 12, 6.	2.7	32
17	Critical Review on Efficiency of Ground Heat Exchangers in Heat Pump Systems. <i>Clean Technologies</i> , 2020, 2, 204-224.	4.2	9
18	Biodeterioration Models for Building Materials: Critical Review. <i>Journal of Architectural Engineering</i> , 2019, 25, .	1.6	8

#	ARTICLE	IF	CITATIONS
19	Thermal Conductivity Measurement of Smaller Insulation Specimens Using Standard Heat Flow Meter. Journal of Testing and Evaluation, 2019, 47, 585-601.	0.7	1
20	Application of VIPs in Canada's North Monitoring Results. , 2017, , 122-131.		0
21	Modeling of Aerogel Blanket Insulation Applications in Exterior Wall Constructions. , 2017, , 186-197.		0