

Qudama Al-Yasiri

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

351
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporation of phase change materials into building envelope for thermal comfort and energy saving: A comprehensive analysis. <i>Journal of Building Engineering</i> , 2021, 36, 102122.	3.4	110
2	A review on solar-powered cooling and air-conditioning systems for building applications. <i>Energy Reports</i> , 2022, 8, 2888-2907.	5.1	49
3	Thermal performance of concrete bricks based phase change material encapsulated by various aluminium containers: An experimental study under Iraqi hot climate conditions. <i>Journal of Energy Storage</i> , 2021, 40, 102710.	8.1	37
4	Influential aspects on melting and solidification of PCM energy storage containers in building envelope applications. <i>International Journal of Green Energy</i> , 2021, 18, 966-986.	3.8	22
5	Comparative Study of Building Envelope Cooling Loads in Al-Amarah City, Iraq. <i>Journal of Engineering and Technological Sciences</i> , 2019, 51, 632-648.	0.6	20
6	Paraffin As a Phase Change Material to Improve Building Performance: An Overview of Applications and Thermal Conductivity Enhancement Techniques. <i>Renewable Energy and Environmental Sustainability</i> , 2021, 6, 38.	1.4	19
7	Experimental evaluation of the optimal position of a macroencapsulated phase change material incorporated composite roof under hot climate conditions. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101121.	2.7	18
8	Phase change material coupled building envelope for thermal comfort and energy-saving: Effect of natural night ventilation under hot climate. <i>Journal of Cleaner Production</i> , 2022, 365, 132839.	9.3	16
9	Single and Hybrid Nanofluids to Enhance Performance of Flat Plate Solar Collectors: Application and Obstacles. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2020, 65, 86-102.	1.4	12
10	Case study on the optimal thickness of phase change material incorporated composite roof under hot climate conditions. <i>Case Studies in Construction Materials</i> , 2021, 14, e00522.	1.7	11
11	Performance Assessment of Phase Change Materials Integrated with Building Envelope for Heating Application in Cold Locations. <i>European Journal of Education and Pedagogy</i> , 2021, 1, 7-14.	0.3	10
12	Power output enhancement of grid-connected PV system using dual-axis tracking. <i>Renewable Energy and Environmental Sustainability</i> , 2020, 5, 8.	1.4	8
13	Effect of encapsulation area on the thermal performance of PCM incorporated concrete bricks: A case study under Iraq summer conditions. <i>Case Studies in Construction Materials</i> , 2021, 15, e00686.	1.7	7
14	Improving the productivity of a single-slope solar still using Fresnel lenses under Iraq climatic conditions. , 0, 205, 22-30.		5
15	Global Warming Potential: Causes and Consequences. , 0, , .		4
16	Selection of phase change material suitable for building heating applications based on qualitative decision matrix. <i>Energy Conversion and Management: X</i> , 2021, 12, 100150.	1.6	2
17	Consumption profile based analysis of solar thermal system for DHW in buildings. <i>Hungarian Agricultural Engineering</i> , 2019, 36, 29-37.	0.3	1
18	Experimental investigation of phase change material (PCM) incorporated composite flat roof for energy-saving under Iraq hot climate conditions. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	A short review on passive strategies applied to minimise the building cooling loads in hot locations. Analecta Technica Szegedinensia, 2021, 15, 20-30.	0.6	0