

Qudama Al-Yasiri

List of Publications by Year in descending order

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19
papers

351
citations

1051969

10
h-index

1113639

15
g-index

19
all docs

19
docs citations

19
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on solar-powered cooling and air-conditioning systems for building applications. Energy Reports, 2022, 8, 2888-2907.	2.5	49
2	Phase change material coupled building envelope for thermal comfort and energy-saving: Effect of natural night ventilation under hot climate. Journal of Cleaner Production, 2022, 365, 132839.	4.6	16
3	Performance Assessment of Phase Change Materials Integrated with Building Envelope for Heating Application in Cold Locations. European Journal of Education and Pedagogy, 2021, 1, 7-14.	0.2	10
4	Influential aspects on melting and solidification of PCM energy storage containers in building envelope applications. International Journal of Green Energy, 2021, 18, 966-986.	2.1	22
5	Incorporation of phase change materials into building envelope for thermal comfort and energy saving: A comprehensive analysis. Journal of Building Engineering, 2021, 36, 102122.	1.6	110
6	Case study on the optimal thickness of phase change material incorporated composite roof under hot climate conditions. Case Studies in Construction Materials, 2021, 14, e00522.	0.8	11
7	Experimental evaluation of the optimal position of a macroencapsulated phase change material incorporated composite roof under hot climate conditions. Sustainable Energy Technologies and Assessments, 2021, 45, 101121.	1.7	18
8	Thermal performance of concrete bricks based phase change material encapsulated by various aluminium containers: An experimental study under Iraqi hot climate conditions. Journal of Energy Storage, 2021, 40, 102710.	3.9	37
9	Effect of encapsulation area on the thermal performance of PCM incorporated concrete bricks: A case study under Iraq summer conditions. Case Studies in Construction Materials, 2021, 15, e00686.	0.8	7
10	Experimental investigation of phase change material (PCM) incorporated composite flat roof for energy-saving under Iraq hot climate conditions. AIP Conference Proceedings, 2021, , .	0.3	0
11	Paraffin As a Phase Change Material to Improve Building Performance: An Overview of Applications and Thermal Conductivity Enhancement Techniques. Renewable Energy and Environmental Sustainability, 2021, 6, 38.	0.7	19
12	Selection of phase change material suitable for building heating applications based on qualitative decision matrix. Energy Conversion and Management: X, 2021, 12, 100150.	0.9	2
13	A short review on passive strategies applied to minimise the building cooling loads in hot locations. Analecta Technica Szegedinensia, 2021, 15, 20-30.	0.2	0
14	Power output enhancement of grid-connected PV system using dual-axis tracking. Renewable Energy and Environmental Sustainability, 2020, 5, 8.	0.7	8
15	Single and Hybrid Nanofluids to Enhance Performance of Flat Plate Solar Collectors: Application and Obstacles. Periodica Polytechnica, Mechanical Engineering, 2020, 65, 86-102.	0.8	12
16	Comparative Study of Building Envelope Cooling Loads in Al-Amarah City, Iraq. Journal of Engineering and Technological Sciences, 2019, 51, 632-648.	0.3	20
17	Consumption profile based analysis of solar thermal system for DHW in buildings. Hungarian Agricultural Engineering, 2019, 36, 29-37.	0.3	1
18	Global Warming Potential: Causes and Consequences. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	Improving the productivity of a single-slope solar still using Fresnel lenses under Iraq climatic conditions. , 0, 205, 22-30.		5