

# Adil A M Omara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8987644/publications.pdf>

Version: 2024-02-01

20  
papers

408  
citations

1163065

8  
h-index

1588975

8  
g-index

21  
all docs

21  
docs citations

21  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving indoor thermal comfort by using phase change materials: A review. International Journal of Energy Research, 2018, 42, 2084-2103.	4.5	79
2	Improving solar cooker performance using phase change materials: A comprehensive review. Solar Energy, 2020, 207, 539-563.	6.1	64
3	Phase change materials (PCMs) for improving solar still productivity: a review. Journal of Thermal Analysis and Calorimetry, 2020, 139, 1585-1617.	3.6	63
4	Improving the performance of air conditioning systems by using phase change materials: A review. International Journal of Energy Research, 2019, 43, 5175-5198.	4.5	48
5	Phase change materials for waste heat recovery in internal combustion engines: A review. Journal of Energy Storage, 2021, 44, 103421.	8.1	37
6	Trombe walls with phase change materials: A review. Energy Storage, 2020, 2, e123.	4.3	26
7	Thermal management and performance enhancement of domestic refrigerators and freezers via phase change materials: A review. Innovative Food Science and Emerging Technologies, 2020, 66, 102522.	5.6	23
8	Performance improvement of solar chimneys using phase change materials: A review. Solar Energy, 2021, 228, 68-88.	6.1	20
9	Buildings cooling: An experimental study of Phase Change Materials storage for low energy buildings. , 2017, , .		13
10	An experimental study on using polyethylene glycol (PEG) 600 as phase change material for thermal comfort and energy saving in buildings. , 2018, , .		10
11	Energy and Exergy analysis of solar water heating system integrated with phase change material (PCM). , 2018, , .		10
12	An experimental study on landfill technology to produce an alternative source of energy from organic waste. , 2018, , .		5
13	Waste to Energy as an Alternative Energy Source and Waste Management Solution. , 2019, , .		5
14	Estimation of Solar Radiation of Khartoum City Using ASHRAE Model. , 2021, , .		1
15	Low-Exergy Building Using Renewable Energy for Indoor Thermal Comfort: Experimental Study and Thermodynamic Analysis. , 2021, , .		1
16	Experimental Study on Tomato Drying Using a Solar Dryer Integrated with Reflectors and Phase Change Material. , 2021, , .		1
17	Evaluation of Thermal Comfort in Academic Buildings at Khartoum Locality: A Case Study. , 2021, , .		1
18	Investigation of Indoor Air Quality in Several Offices in Baghdad â€“ Case Study. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
19	Estimation of Methane Emissions and BioEnergy Recovery Potential from a Sanitary Landfill Using FOD, DM and LandGEM models. , 2021, , .		0
20	A numerical Study of the Effect of Façade Opening on Nighttime Ventilation of a Low-Energy Building. , 2022, , .		0