

# Abdur Rehman Mazhar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5003578/publications.pdf>

Version: 2024-02-01

13  
papers

278  
citations

1464605

7  
h-index

1336881

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic method to optimize cascaded latent heat storage systems with a genetic algorithm: A case study of cylindrical concentric heat exchanger. International Journal of Heat and Mass Transfer, 2022, 183, 122051.	2.5	16
2	Investigation of the volume impact on cascaded latent heat storage system by coupling genetic algorithm and CFD simulation. Journal of Energy Storage, 2022, 48, 104065.	3.9	12
3	An algorithm to assess the heating strategy of buildings in cold climates: a case study of Germany. International Journal of Low-Carbon Technologies, 2022, 17, 662-677.	1.2	2
4	Development of Reciprocating Inkjet System for Printed Electronic Devices. Procedia CIRP, 2022, 107, 920-924.	1.0	1
5	Experimental analysis of a fin-enhanced three-tube-shell cascaded latent heat storage system. Applied Thermal Engineering, 2022, 213, 118717.	3.0	17
6	A review of solar-driven short-term low temperature heat storage systems. Renewable and Sustainable Energy Reviews, 2021, 141, 110824.	8.2	30
7	Numerical investigation of the heat transfer enhancement using corrugated pipes in a PCM for grey water harnessing. Thermal Science and Engineering Progress, 2021, 23, 100909.	1.3	7
8	Development of a PCM-HE to harness waste greywater heat: A case study of a residential building. Applied Energy, 2021, 307, 118164.	5.1	3
9	Experimental study on the thermal performance of a grey water heat harnessing exchanger using Phase Change Materials. Renewable Energy, 2020, 146, 1805-1817.	4.3	8
10	On-farm applications of solar PV systems. , 2020, , 147-190.		21
11	Numerical analysis of rectangular fins in a PCM for low-grade heat harnessing. International Journal of Thermal Sciences, 2020, 152, 106306.	2.6	38
12	An optimizer using the PSO algorithm to determine thermal parameters of PCM: A case study of grey water heat harnessing. International Journal of Heat and Mass Transfer, 2019, 144, 118574.	2.5	6
13	A state of art review on the district heating systems. Renewable and Sustainable Energy Reviews, 2018, 96, 420-439.	8.2	117