

Mariem Lazaar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

638
citations

949033

11
h-index

1181555

14
g-index

16
all docs

16
docs citations

16
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric study of plate heat exchanger for eventual use in a solar pasteurization process designed for small milk collection centers in Tunisia. Sustainable Energy Technologies and Assessments, 2021, 45, 101174.	1.7	5
2	A performance of a heat pump system connected a new conic helicoidal geothermal heat exchanger for a greenhouse heating in the north of Tunisia. Solar Energy, 2018, 171, 343-353.	2.9	31
3	Evaluation of soil thermal potential under Tunisian climate using a new conic basket geothermal heat exchanger: Energy and exergy analysis. Applied Thermal Engineering, 2017, 113, 912-925.	3.0	20
4	Experimental study of two insulated solar greenhouses one of them use a solar air heater with latent heat. , 2015, , .		6
5	Thermal performance of a conic basket heat exchanger coupled to a geothermal heat pump for greenhouse cooling under Tunisian climate. Energy and Buildings, 2015, 104, 87-96.	3.1	42
6	The effect of nocturnal shutter on insulated greenhouse using a solar air heater with latent storage energy. Solar Energy, 2015, 115, 217-228.	2.9	61
7	Comparative study of conventional and solar heating systems under tunnel Tunisian greenhouses: Thermal performance and economic analysis. Solar Energy, 2015, 120, 620-635.	2.9	55
8	Energy and exergy analysis of a new solar air heater with latent storage energy. International Journal of Hydrogen Energy, 2014, 39, 15266-15274.	3.8	86
9	Conditioning of the tunnel greenhouse in the north of Tunisia using a calcium chloride hexahydrate integrated in polypropylene heat exchanger. Applied Thermal Engineering, 2014, 68, 62-68.	3.0	23
10	Assessment of the greenhouse climate with a new packed-bed solar air heater at night, in Tunisia. Renewable and Sustainable Energy Reviews, 2014, 35, 31-41.	8.2	65
11	Improvement of the greenhouse climate using a solar air heater with latent storage energy. Energy, 2014, 64, 663-672.	4.5	83
12	Solar energy storage application in Tunisian greenhouse by means of phase change materials. , 2014, , .		3
13	Performance of a new solar air heater with packed-bed latent storage energy for nocturnal use. Applied Energy, 2013, 110, 267-275.	5.1	119
14	Performance of a solar storage collector. Desalination, 2005, 183, 167-172.	4.0	31
15	Capillary polypropylene exchangers for conditioning of museum aquariums (Tunisia). Desalination, 2004, 166, 443-448.	4.0	3
16	Heat transfer characteristics of a capillary heat exchanger based air conditioning cupboard. Desalination, 2004, 166, 435-442.	4.0	5