

Salwa Bouadila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5423485/publications.pdf>

Version: 2024-02-01

34
papers

1,326
citations

393982

19
h-index

500791

28
g-index

34
all docs

34
docs citations

34
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal behavior of indirect solar dryer: Nocturnal usage of solar air collector with PCM. Journal of Cleaner Production, 2017, 148, 37-48.	4.6	169
2	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
3	Solar air heater with phase change material: An energy analysis and a comparative study. Applied Thermal Engineering, 2016, 107, 1057-1064.	3.0	116
4	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
5	Improvement of the greenhouse climate using a solar air heater with latent storage energy. Energy, 2014, 64, 663-672.	4.5	83
6	Enhancement of latent heat storage in a rectangular cavity: Solar water heater case study. Energy Conversion and Management, 2014, 78, 904-912.	4.4	73
7	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
8	A highly efficient solution of off-sunshine solar air heating using two packed beds of latent storage energy. Solar Energy, 2017, 155, 1243-1253.	2.9	65
9	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
10	Design and construction of sun tracking systems for solar parabolic concentrator displacement. Renewable and Sustainable Energy Reviews, 2016, 60, 1419-1429.	8.2	58
11	Experimental investigation of parabolic trough collector system under Tunisian climate: Design, manufacturing and performance assessment. Applied Thermal Engineering, 2016, 101, 273-283.	3.0	56
12	Autonomous greenhouse microclimate through hydroponic design and refurbished thermal energy by phase change material. Journal of Cleaner Production, 2019, 211, 360-379.	4.6	56
13	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
14	Development of a Fuzzy Logic Controller applied to an agricultural greenhouse experimentally validated. Applied Thermal Engineering, 2018, 141, 798-810.	3.0	53
15	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
16	Comparative study of different means of concentrated solar flux measurement of solar parabolic dish. Energy Conversion and Management, 2013, 76, 1043-1052.	4.4	26
17	Experimental validation of the dynamic thermal behavior of two types of agricultural greenhouses in the Mediterranean context. Renewable Energy, 2020, 147, 118-129.	4.3	24
18	Conditioning of the tunnel greenhouse in the north of Tunisia using calcium chloride hexahydrate integrated in polypropylene heat exchanger. Applied Thermal Engineering, 2014, 68, 62-68.	3.0	23

#	ARTICLE	IF	CITATIONS
19	Optical, geometric and thermal study for solar parabolic concentrator efficiency improvement under Tunisia environment: A case study. <i>Energy Conversion and Management</i> , 2013, 75, 366-373.	4.4	22
20	Climate assessment of greenhouse equipped with south-oriented PV roofs: An experimental and computational fluid dynamics study. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101100.	1.7	15
21	Beneficial use of two packed beds of latent storage energy for the heating of a hydroponic greenhouse. <i>Energy Procedia</i> , 2019, 162, 156-163.	1.8	14
22	Optical qualification of a solar parabolic concentrator using photogrammetry technique. <i>Energy</i> , 2015, 90, 403-416.	4.5	10
23	Feasibility study of wind turbine system integrated with insulated Greenhouse: Case study in Tunisia. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101333.	1.7	7
24	Experimental study of two insulated solar greenhouses one of them use a solar air heater with latent heat. , 2015, , .		6
25	Thermal analysis of linear solar concentrator for indirect steam generation. <i>Energy Procedia</i> , 2019, 162, 136-145.	1.8	5
26	Parametric study of plate heat exchanger for eventual use in a solar pasteurization process designed for small milk collection centers in Tunisia. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101174.	1.7	5
27	Thermal optimization of solar dish collector for indirect vapor generation. <i>International Journal of Energy Research</i> , 2019, 43, 7240.	2.2	3
28	Experimental study of two types of solar heat exchanger used to determine concentrated solar energy in solar parabolic concentrator. , 2014, , .		2
29	Agronomic and Physiological Performances of Tomato (<i>Lycopersicum esculentum</i> L.) Under Latent Storage Solar Air Heating Conditions. <i>Innovative Energy & Research</i> , 2018, 07, .	0.2	2
30	Low-Cost Systems for Agriculture Energy Management in Tunisia. <i>Green Energy and Technology</i> , 2018, , 69-90.	0.4	2
31	Design and implementation of a power supervisory of a controlled greenhouse in the north of Tunisia. , 2021, , 353-386.		2
32	Control strategy of a small-scale wind turbine generation with storage system. , 2019, , .		1
33	Estimating intercept factor of a solar parabolic dish with photogrammetric equipment. , 2015, , .		0
34	Implementation of a power supervisory for hybrid power system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 2169-2185.	1.2	0