

Salwa Bouadila

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

939
citations

16
h-index

30
g-index

34
ext. papers

1,141
ext. citations

7.1
avg. IF

4.62
L-index

#	Paper	IF	Citations
33	Implementation of a power supervisory for hybrid power system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022 , 44, 2169-2185	1.6	
32	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	4.7	1
31	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	4.7	7
30	Design and implementation of a power supervisory of a controlled greenhouse in the north of Tunisia 2021 , 353-386		2
29	Feasibility study of wind turbine system integrated with insulated Greenhouse: Case study in Tunisia. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 47, 101333	4.7	4
28	Experimental validation of the dynamic thermal behavior of two types of agricultural greenhouses in the Mediterranean context. <i>Renewable Energy</i> , 2020 , 147, 118-129	8.1	11
27	Control strategy of a small-scale wind turbine generation with storage system 2019 ,		1
26	Thermal analysis of linear solar concentrator for indirect steam generation. <i>Energy Procedia</i> , 2019 , 162, 136-145	2.3	2
25	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	2.3	6
24	Thermal optimization of solar dish collector for indirect vapor generation. <i>International Journal of Energy Research</i> , 2019 , 43, 7240	4.5	3
23	Autonomous greenhouse microclimate through hydroponic design and refurbished thermal energy by phase change material. <i>Journal of Cleaner Production</i> , 2019 , 211, 360-379	10.3	31
22	Low-Cost Systems for Agriculture Energy Management in Tunisia. <i>Green Energy and Technology</i> , 2018 , 69-90	0.6	1
21	Development of a Fuzzy Logic Controller applied to an agricultural greenhouse experimentally validated. <i>Applied Thermal Engineering</i> , 2018 , 141, 798-810	5.8	39
20	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,		2
19	Thermal behavior of indirect solar dryer: Nocturnal usage of solar air collector with PCM. <i>Journal of Cleaner Production</i> , 2017 , 148, 37-48	10.3	113
18	A highly efficient solution of off-sunshine solar air heating using two packed beds of latent storage energy. <i>Solar Energy</i> , 2017 , 155, 1243-1253	6.8	39
17	Design and construction of sun tracking systems for solar parabolic concentrator displacement. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 60, 1419-1429	16.2	40

16	Experimental investigation of parabolic trough collector system under Tunisian climate: Design, manufacturing and performance assessment. <i>Applied Thermal Engineering</i> , 2016 , 101, 273-283	5.8	42
15	Solar air heater with phase change material: An energy analysis and a comparative study. <i>Applied Thermal Engineering</i> , 2016 , 107, 1057-1064	5.8	85
14	Thermal performance of a conic basket heat exchanger coupled to a geothermal heat pump for greenhouse cooling under Tunisian climate. <i>Energy and Buildings</i> , 2015 , 104, 87-96	7	27
13	The effect of nocturnal shutter on insulated greenhouse using a solar air heater with latent storage energy. <i>Solar Energy</i> , 2015 , 115, 217-228	6.8	50
12	Comparative study of conventional and solar heating systems under tunnel Tunisian greenhouses: Thermal performance and economic analysis. <i>Solar Energy</i> , 2015 , 120, 620-635	6.8	43
11	Optical qualification of a solar parabolic concentrator using photogrammetry technique. <i>Energy</i> , 2015 , 90, 403-416	7.9	8
10	Experimental study of two insulated solar greenhouses one of them use a solar air heater with latent heat 2015 ,		2
9	Energy and exergy analysis of a new solar air heater with latent storage energy. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 15266-15274	6.7	72
8	Conditioning of the tunnel greenhouse in the north of Tunisia using a calcium chloride hexahydrate integrated in polypropylene heat exchanger. <i>Applied Thermal Engineering</i> , 2014 , 68, 62-68	5.8	15
7	Assessment of the greenhouse climate with a new packed-bed solar air heater at night, in Tunisia. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 35, 31-41	16.2	47
6	Enhancement of latent heat storage in a rectangular cavity: Solar water heater case study. <i>Energy Conversion and Management</i> , 2014 , 78, 904-912	10.6	56
5	Improvement of the greenhouse climate using a solar air heater with latent storage energy. <i>Energy</i> , 2014 , 64, 663-672	7.9	62
4	Experimental study of two types of solar heat exchanger used to determine concentrated solar energy in solar parabolic concentrator 2014 ,		2
3	Performance of a new solar air heater with packed-bed latent storage energy for nocturnal use. <i>Applied Energy</i> , 2013 , 110, 267-275	10.7	91
2	Comparative study of different means of concentrated solar flux measurement of solar parabolic dish. <i>Energy Conversion and Management</i> , 2013 , 76, 1043-1052	10.6	19
1	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	10.6	16