

Abdelghani Boubekri

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

300
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective design optimization of solar air heater for food drying based on energy, exergy and improvement potential. <i>Renewable Energy</i> , 2021, 169, 1190-1209.	8.9	53
2	3E analysis and mathematical modelling of garlic drying process in a hybrid solar-electric dryer. <i>Renewable Energy</i> , 2021, 170, 1052-1069.	8.9	37
3	Solar Drying of Sliced Potatoes. An Experimental Investigation. <i>Energy Procedia</i> , 2013, 36, 1276-1285.	1.8	35
4	Effect of ventilated solar-geothermal drying on 3E (exergy, energy, and economic analysis), and quality attributes of tomato paste. <i>Energy</i> , 2022, 243, 122764.	8.8	27
5	Improvement of a direct solar dryer performance using a geothermal water heat exchanger as supplementary energetic supply. An experimental investigation and simulation study. <i>Renewable Energy</i> , 2019, 135, 186-196.	8.9	26
6	Improvement of the Thermal Performance of Solar Drying Systems Using Different Techniques: A Review. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2019, 141, .	1.8	21
7	Valorization Study of Treated Deglet-nour Dates by Solar Drying Using Three Different Solar Driers. <i>Energy Procedia</i> , 2014, 50, 907-916.	1.8	19
8	Solar drying process to obtain high standard "deglelet" date fruit. <i>Journal of Food Process Engineering</i> , 2017, 40, e12546.	2.9	17
9	Economic analysis and drying kinetics of a geothermal-assisted solar dryer for tomato paste drying. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6542-6551.	3.5	17
10	Drying uniformity analysis of an indirect solar dryer based on computational fluid dynamics and image processing. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101466.	2.7	14
11	Softening of Overdried "Deglet Nour"™ Dates to Obtain High-Standard Fruits: Impact of Rehydration and Drying Processes on Quality Criteria. <i>Drying Technology</i> , 2010, 28, 222-231.	3.1	11
12	Solar-geothermal drying/instant controlled pressure drop-swell drying of mechanically dewatered tomato paste. <i>Journal of Food Process Engineering</i> , 2021, 44, e13811.	2.9	9
13	A simulation study of a solar collector using phase change materials for air heating application needs. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	7
14	Energy, environmental, economic, and color analysis of geo-exchange energy assisted-insulated north wall solar dryer for onion slices under relatively cloudy and rainy conditions. <i>Solar Energy</i> , 2022, 236, 1-16.	6.1	7
15	Optimized Processing Parameters in Post-Harvest Treatments of Algerian Dry Dates using Hot Water and Hot Vapor Successive Operations. <i>Journal of Food Process Engineering</i> , 2017, 40, e12459.	2.9	0