Abdelghani Boubekri

List of Publications by Year
in descending order

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15	300	840776 11	1058476 14
papers	citations	h-index	g-index

15	15	15	179
all docs	docs citations	times ranked	citing authors

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