

# Foued Chabane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10473148/publications.pdf>

Version: 2024-02-01

19  
papers

299  
citations

1163117

8  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of heat transfer and thermal performance with longitudinal fins of solar air heater. <i>Journal of Advanced Research</i> , 2014, 5, 183-192.	9.5	148
2	Collector Efficiency by Single Pass of Solar Air Heaters with and without Using Fins. <i>Engineering Journal</i> , 2013, 17, 43-55.	1.0	23
3	Experimental study of heat transfer coefficient with rectangular baffle fin of solar air heater. <i>Frontiers in Energy</i> , 2014, 8, 160-172.	2.3	21
4	THERMAL EFFICIENCY ANALYSIS OF A SINGLE-FLOW SOLAR AIR HEATER WITH DIFFERENT MASS FLOW RATES IN A SMOOTH PLATE. <i>Frontiers in Heat and Mass Transfer</i> , 2013, 4, .	0.2	16
5	Experimental study of a solar air heater by adding an arrangement of transverse rectangular baffles perpendicular to the air stream. <i>International Journal of Green Energy</i> , 2019, 16, 1264-1277.	3.8	14
6	Experimental study of thermal efficiency of a solar air heater with an irregularity element on absorber plate. <i>International Journal of Heat and Technology</i> , 2018, 36, 855-860.	0.6	14
7	Heat transfer coefficient and thermal losses of solar collector and Nusselt number correlation for rectangular solar air heater duct with longitudinal fins hold under the absorber plate. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2014, 50, 19-26.	1.6	11
8	Heat transfer and energy analysis of a solar air collector with smooth plate. <i>EPJ Applied Physics</i> , 2014, 66, 10901.	0.7	9
9	Influence of the rectangular baffle on heat transfer and pressure drop in the solar collector. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-17.	2.3	8
10	Prediction of the theoretical and semi-empirical model of ambient temperature. <i>Frontiers in Energy</i> , 2016, 10, 268-276.	2.3	6
11	An experimental study and mathematical modeling of solar drying of moisture content of the mint, apricot, and green pepper. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 4697-4711.	2.3	6
12	Prediction of the Global Solar Radiation on Inclined Area. <i>Applied Solar Energy (English Translation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.6	5
13	A New Approach to Estimate the Distribution of Solar Radiation Using Linke Turbidity Factor and Tilt Angle. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2021, 45, 523-534.	1.3	5
14	Predictions of solar radiation distribution: Global, direct and diffuse light on horizontal surface. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	3
15	Mathematical Modeling of Drying of Mint in a Forced Convective Dryer Based on Important Parameters. <i>International Journal of Heat and Technology</i> , 2019, 37, 537-544.	0.6	3
16	Determining the environmental and atmospheric effects of coronavirus disease 2019 (COVID-19) quarantining by studying the total aerosol optical depth, black carbon, organic matter, and sulfate in Blida City of Algeria. <i>Global Health Journal (Amsterdam, Netherlands)</i> , 2021, 5, 37-43.	3.6	2
17	Prediction of Global Solar Radiation on the Horizontal Area with the Effect of Ambient Temperature Part: II. <i>Tecnica Italiana</i> , 2019, 63, 73-77.	0.2	2
18	Solar air collectors with doubles glazed by different distances in support of mass flow. <i>Instrumentation Mesure Metrologie</i> , 2018, 18, 37-53.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Estimation of direct and diffuse solar radiation on the horizontal plane considering air quality index and turbidity factor in Assekrem, Tamanrasset, Algeria. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 1505-1516.	3.3	1