

# Younes Menni

## List of Publications by Year in descending order

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37  
papers

562  
citations

567281

15  
h-index

677142

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of convective heat transfer in smooth air channels with wall-mounted obstacles in the flow path. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 1951-1976.	3.6	78
2	COMPUTATIONAL THERMAL ANALYSIS OF TURBULENT FORCED-CONVECTION FLOW IN AN AIR CHANNEL WITH A FLAT RECTANGULAR FIN AND DOWNSTREAM V-SHAPED BAFFLE. <i>Heat Transfer Research</i> , 2019, 50, 1781-1818.	1.6	38
3	Modeling and analysis of solar air channels with attachments of different shapes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 1815-1845.	2.8	34
4	Numerical calculations of the thermal-aerodynamic characteristics in a solar duct with multiple V-baffles. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2020, 14, 1173-1197.	3.1	29
5	Combination of baffling technique and high-thermal conductivity fluids to enhance the overall performances of solar channels. <i>Engineering With Computers</i> , 2022, 38, 607-628.	6.1	27
6	Enhancement of the turbulent convective heat transfer in channels through the baffling technique and oil/multiwalled carbon nanotube nanofluids. <i>Numerical Heat Transfer; Part A: Applications</i> , 2021, 79, 311-351.	2.1	27
7	Laminar cooling of shear thinning fluids in horizontal and baffled tubes: Effect of perforation in baffles. <i>Thermal Science and Engineering Progress</i> , 2019, 14, 100430.	2.7	26
8	Advances of nanofluids in heat exchangers – A review. <i>Heat Transfer</i> , 2020, 49, 4321-4349.	3.0	25
9	Nature-based solutions to improve the summer thermal comfort outdoors. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101399.	5.7	23
10	Study of Heat and Mass Transfer Through an Earth to Air Heat Exchanger Equipped with Fan in South West of Algeria. <i>International Journal of Heat and Technology</i> , 2019, 37, 689-695.	0.6	19
11	New passive thermal comfort system using three renewable energies: Wind catcher, solar chimney and earth to air heat exchanger integrated to <sc>real scale</sc> test room in arid region (Experimental) <i>Tj ETQq1 4.0.7843 14 rrgBT /Ov</i>	4.0	14
12	Study of air flow around flat and arc-shaped baffles in shell-and-tube heat exchangers. <i>Mathematical Modelling of Engineering Problems</i> , 2019, 6, 77-84.	0.5	18
13	Heat and mass transfer of oils in baffled and finned ducts. <i>Thermal Science</i> , 2020, 24, 267-276.	1.1	18
14	DESIGN AND PERFORMANCE EVALUATION OF AIR SOLAR CHANNELS WITH DIVERSE BAFFLE STRUCTURES. <i>Computational Thermal Sciences</i> , 2018, 10, 225-249.	0.9	17
15	Experimental study of an earth-to-air heat exchanger coupled to the solar chimney for heating and cooling applications in arid regions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 3349-3358.	3.6	16
16	Earth to Air Heat Exchanger and Its Applications in Arid Regions - An Updated Review. <i>Tecnica Italiana</i> , 2020, 64, 83-90.	0.2	16
17	Aerodynamics and Heat Transfer over Solid-Deflectors in Transverse, Staggered, Corrugated-Upstream and Corrugated-Downstream Patterns. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2018, 62, 209-217.	1.4	15
18	COMPUTATIONAL FLUID DYNAMICAL ANALYSIS OF NEW OBSTACLE DESIGN AND ITS IMPACT ON THE HEAT TRANSFER ENHANCEMENT IN A SPECIFIC TYPE OF AIR FLOW GEOMETRY. <i>Computational Thermal Sciences</i> , 2018, 10, 421-447.	0.9	15

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19	Effects of in-line deflectors on the overall performance of a channel heat exchanger. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 512-529.	3.1	13
20	Outdoor Thermal Comfort Optimization through Vegetation Parameterization: Species and Tree Layout. <i>Sustainability</i> , 2021, 13, 11791.	3.2	12
21	Improvement of the performance of solar channels by using vortex generators and hydrogen fluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 545-566.	3.6	11
22	A New Configuration of Vertically Connecting Solar Cells: Solar Tree. <i>International Journal of Photoenergy</i> , 2020, 2020, 1-8.	2.5	10
23	Computational fluid dynamic simulations and heat transfer characteristic comparisons of various arc-baffled channels. <i>Open Physics</i> , 2021, 19, 51-60.	1.7	9
24	Aerodynamic Fields inside S-Shaped Baffled-Channel Air-Heat Exchangers. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-11.	1.1	9
25	Estimation of the Wind Energy Potential in Various North Algerian Regions. <i>Energies</i> , 2021, 14, 7564.	3.1	8
26	Improvement and Nocturnal Extension of the Efficiency of a Solar Still. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-11.	2.5	6
27	Wind Energy Resource Assessment in South Western of Algeria. <i>Mathematical Modelling of Engineering Problems</i> , 2019, 6, 157-162.	0.5	5
28	Different scenarios to enhance thermal comfort by renewable-ecological techniques in hot dry environment. <i>Case Studies in Thermal Engineering</i> , 2022, 32, 101886.	5.7	5
29	Comparison between the thermoelectric properties of new materials: The alloy of iron, vanadium, tungsten, and aluminum (Fe <sub>2</sub> V <sub>0.8</sub> W <sub>0.2</sub> Al) against an oxide such as NaCO <sub>2</sub> O <sub>4</sub> . <i>Optik</i> , 2021, 247, 168035.	2.9	4
30	Enhanced Outdoor Thermal Comfort Through Natural Design Technique: In-Situ Measurement and Microclimate Simulation. <i>Instrumentation Mesure Metrologie</i> , 2021, 20, 131-136.	0.3	3
31	Energy analysis of the performance of a hybrid solar still composed of a parabolic concentrator with PV generator. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	2
32	Effect of Various Physical Parameters on the Productivity of the Hybrid Distiller - In the Time of Distillation Extension at Night. <i>European Journal of Electrical Engineering</i> , 2019, 21, 265-271.	0.3	2
33	Thermal analysis for an experimental study of a cylindrical vertical solar chimney with internal PVC obstacles. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 664-671.	2.6	1
34	Assessment of the Resources of Wind Energy in Various Regions of Algeria. <i>International Journal of Sustainable Development and Planning</i> , 2021, 16, 641-650.	0.7	1
35	Heat and mass transfer of oils in baffled and finned ducts. <i>Thermal Science</i> , 2020, 24, 267-276.	1.1	1
36	An Improved Solar Cooling System for Date Safety and Storage under Climate of the Maghreb. <i>International Journal of Photoenergy</i> , 2022, 2022, 1-14.	2.5	1

#	ARTICLE	IF	CITATIONS
37	The importance of the finning technology in modernizing simple solar air-heat exchangers. Materials Today: Proceedings, 2021, 45, 7547-7552.	1.8	0