

# Abed Mourad

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

471  
citations

840776

11  
h-index

1125743

13  
g-index

13  
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13  
docs citations

13  
times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulations of Magnetohydrodynamics Natural Convection and Entropy Production in a Porous Annulus Bounded by Wavy Cylinder and Koch Snowflake Loaded with Cu-Water Nanofluid. <i>Micromachines</i> , 2022, 13, 182.	2.9	22
2	Recent advances on the applications of phase change materials for solar collectors, practical limitations, and challenges: A critical review. <i>Journal of Energy Storage</i> , 2022, 49, 104186.	8.1	63
3	MHD Hybrid Nanofluid Mixed Convection Heat Transfer and Entropy Generation in a 3-D Triangular Porous Cavity with Zigzag Wall and Rotating Cylinder. <i>Mathematics</i> , 2022, 10, 769.	2.2	63
4	Effect of double rotating cylinders on the MHD mixed convection and entropy generation of a 3D cubic enclosure filled by nano-PCM. <i>European Physical Journal: Special Topics</i> , 2022, 231, 2569-2581.	2.6	6
5	Irreversibility Interpretation and MHD Mixed Convection of Hybrid Nanofluids in a 3D Heated Lid-Driven Chamber. <i>Nanomaterials</i> , 2022, 12, 1747.	4.1	12
6	Melting enhancement of PCM in a finned tube latent heat thermal energy storage. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
7	Hemispherical solar still: Recent advances and development. <i>Energy Reports</i> , 2022, 8, 8236-8258.	5.1	32
8	Natural convection of nanoliquid from elliptic cylinder in wavy enclosure under the effect of uniform magnetic field: numerical investigation. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	33
9	Galerkin finite element analysis of thermal aspects of FeO-MWCNT/water hybrid nanofluid filled in wavy enclosure with uniform magnetic field effect. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105461.	5.6	90
10	Galerkin finite element analysis of magneto two-phase nanofluid flowing in double wavy enclosure comprehending an adiabatic rotating cylinder. <i>Scientific Reports</i> , 2021, 11, 16494.	3.3	34
11	Thermal analysis on Darcy-Forchheimer swirling Casson hybrid nanofluid flow inside parallel plates in parabolic trough solar collector: An application to solar aircraft. <i>International Journal of Energy Research</i> , 2021, 45, 20812-20834.	4.5	38
12	Partial velocity slip effect on working magneto non-Newtonian nanofluids flow in solar collectors subject to change viscosity and thermal conductivity with temperature. <i>PLoS ONE</i> , 2021, 16, e0259881.	2.5	25
13	MHD darcy-forchheimer nanofluid flow and entropy optimization in an odd-shaped enclosure filled with a (MWCNT-Fe <sub>3</sub> O <sub>4</sub> /water) using galerkin finite element analysis. <i>Scientific Reports</i> , 2021, 11, 22635.	3.3	39