

# Abed Mourad

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

471  
citations

840776

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1125743

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docs citations

13  
times ranked

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citing authors

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