

# Asgar Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

252  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

17  
citing authors

#	ARTICLE	IF	CITATIONS
1	A report on entropy generation and Arrhenius kinetics in magneto-bioconvective flow of Cross nanofluid over a cylinder with wall slip. International Journal of Ambient Energy, 0, , 1-16.	2.5	34
2	Thermo-bioconvection of gyrotactic microorganisms in a polymer solution near a perforated Riga plate immersed in a DF medium involving heat radiation, and Arrhenius kinetics. Chemical Physics Letters, 2022, 797, 139557.	2.6	31
3	Investigation of Cattaneo's Christov Double Diffusions Theory in Bioconvective Slip Flow of Radiated Magneto-Cross-Nanomaterial Over Stretching Cylinder/Plate with Activation Energy. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	1.6	28
4	Radiative CNT-based hybrid magneto-nanoliquid flow over an extending curved surface with slippage and convective heating. Heat Transfer, 2021, 50, 2997-3020.	3.0	27
5	Significance of entropy generation and heat source: the case of peristaltic blood flow through a ciliated tube conveying Cu-Ag nanoparticles using Phan-Thien-Tanner model. Biomechanics and Modeling in Mechanobiology, 2021, 20, 2393-2412.	2.8	25
6	Bioconvection in non-Newtonian nanofluid near a perforated Riga plate induced by haphazard motion of nanoparticles and gyrotactic microorganisms in the attendance of thermal radiation and Arrhenius chemical reaction: sensitivity analysis. International Journal of Ambient Energy, 2022, 43, 7922-7940.	2.5	22
7	Electromagnetic phenomena in cilia actuated peristaltic transport of hybrid nano-blood with Jeffrey model through an artery sustaining regnant magnetic field. Waves in Random and Complex Media, 0, , 1-32.	2.7	19
8	Hall effects on radiated magneto-power-law fluid flow over a stretching surface with power-law velocity slip effect. Multidiscipline Modeling in Materials and Structures, 2020, 17, 103-125.	1.3	18
9	Dynamical behaviour of magneto-copper-titania/water-ethylene glycol stream inside a gyrating channel. Chemical Physics Letters, 2022, 793, 139476.	2.6	18
10	Hall and ion slip current's impact on magneto-sodium alginate hybrid nanoliquid past a moving vertical plate with ramped heating, velocity slip and Darcy effects. Multidiscipline Modeling in Materials and Structures, 2020, 17, 65-101.	1.3	12
11	Insight into the dynamics of magneto-casson hybrid nanoliquid caused by a plate rotation. World Journal of Engineering, 2021, 18, 66-84.	1.6	12
12	Thermal magneto-convection of GO-MoS <sub>2</sub> /WEG within a heated channel retaining an aura of inclined magnetic force along with Hall currents. Heat Transfer, 2022, 51, 5228-5261.	3.0	6