

# Dr Muhammad Naveed Khan

## List of Publications by Year in descending order

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567281

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37  
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docs citations

37  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced transport properties and its theoretical analysis in two-phase hybrid nanofluid. Applied Nanoscience (Switzerland), 2022, 12, 309-316.	3.1	23
2	Heat enhancement analysis of the hybridized micropolar nanofluid with Cattaneo-Christov and stratification effects. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 943-955.	2.1	18
3	Blasius-Rayleigh-Stokes Flow of Hybrid Nanomaterial Liquid Past a Stretching Surface with Generalized Fourier's and Fick's Law. Nanomaterials, 2022, 12, 439.	4.1	11
4	Unsteady three dimensional bioconvective flow of Maxwell nanofluid over an exponentially stretching sheet with variable thermal conductivity and chemical reaction. International Journal of Ambient Energy, 2022, 43, 6542-6552.	2.5	26
5	Natural bio-convective flow of Maxwell nanofluid over an exponentially stretching surface with slip effect and convective boundary condition. Scientific Reports, 2022, 12, 2220.	3.3	33
6	Heat and mass transfer features of transient second-grade fluid flow through an exponentially stretching surface. Pramana - Journal of Physics, 2022, 96, 1.	1.5	5
7	Heat and mass transfer analysis of nonlinear mixed convective hybrid nanofluid flow with multiple slip boundary conditions. Case Studies in Thermal Engineering, 2022, 32, 101893.	5.7	65
8	Flow investigation of second grade micropolar nanofluid with porous medium over an exponentially stretching sheet. Journal of Applied Biomaterials and Functional Materials, 2022, 20, 228080002210897.	1.6	3
9	Swirling flow of fluid containing (SiO <sub>2</sub> ) and (MoS <sub>2</sub> ) nanoparticles analyze via Cattaneo-Christov theory. Journal of Applied Biomaterials and Functional Materials, 2022, 20, 228080002210946.	1.6	2
10	Cattaneo-Christov heat flux model for stagnation point flow of micropolar nanofluid toward a nonlinear stretching surface with slip effects. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1187-1199.	3.6	100
11	Mixed convection flow of hybrid nanoparticle along a Riga surface with Thomson and Troian slip condition. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2099-2109.	3.6	56
12	Transient flow of Maxwell Nanofluid Over a Shrinking Surface: Numerical Solutions and Stability Analysis. Surfaces and Interfaces, 2021, 22, 100829.	3.0	17
13	A comparative study between linear and exponential stretching sheet with double stratification of a rotating Maxwell nanofluid flow. Surfaces and Interfaces, 2021, 22, 100886.	3.0	46
14	MHD stagnation point flow of a Maxwell nanofluid over a shrinking sheet (multiple solution). Heat Transfer, 2021, 50, 4729-4743.	3.0	11
15	Mixed convection hybridized micropolar nanofluid with triple stratification and Cattaneo-Christov heat flux model. Physica Scripta, 2021, 96, 075205.	2.5	36
16	Flow and heat transfer investigation of bio-convective hybrid nanofluid with triple stratification effects. Physica Scripta, 2021, 96, 065210.	2.5	29
17	Computational analysis of the unsteady 3D chemically reacting MHD flow with the properties of temperature dependent transverse suspended Maxwell nanofluid. Case Studies in Thermal Engineering, 2021, 26, 101169.	5.7	24
18	Mathematical analysis of heat and mass transfer in a Maxwell fluid with double stratification. Physica Scripta, 2021, 96, 025202.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Mathematical analysis of heat and mass transfer in a Maxwell fluid. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 4967-4976.	2.1	13
20	Analysis of Heat and Mass Transfer Features of Hybrid Casson Nanofluid Flow with the Magnetic Dipole Past a Stretched Cylinder. Applied Sciences (Switzerland), 2021, 11, 11203.	2.5	17
21	Flow Analysis of Hybridized Nanomaterial Liquid Flow in the Existence of Multiple Slips and Hall Current Effect over a Slendering Stretching Surface. Crystals, 2021, 11, 1546.	2.2	5
22	Theoretical treatment of bio-convective Maxwell nanofluid over an exponentially stretching sheet. Canadian Journal of Physics, 2020, 98, 732-741.	1.1	37
23	Theoretical treatment of radiative Oldroyd-B nanofluid with microorganism pass an exponentially stretching sheet. Surfaces and Interfaces, 2020, 21, 100686.	3.0	34
24	Micropolar fluid flow with temperature-dependent transport properties. Heat Transfer, 2020, 49, 2375-2389.	3.0	27
25	Mathematical analysis of bio-convective micropolar nanofluid. Journal of Computational Design and Engineering, 2019, 6, 233-242.	3.1	55
26	Heat and mass transfer investigation of a chemically reactive Burgers nanofluid with an induced magnetic field over an exponentially stretching surface. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110349.	2.5	17
27	Heat and mass transfer analysis in the MHD flow of radiative Maxwell nanofluid with non-uniform heat source/sink. Waves in Random and Complex Media, 0, , 1-24.	2.7	14
28	Influence of the induced magnetic field on second-grade nanofluid flow with multiple slip boundary conditions. Waves in Random and Complex Media, 0, , 1-16.	2.7	9
29	Numerical simulation of hybrid Casson nanofluid flow by the influence of magnetic dipole and gyrotactic microorganism. Waves in Random and Complex Media, 0, , 1-16.	2.7	19
30	Heat and mass transfer exploration of non-Newtonian fluid flow induced by the exponentially stretching Riga surface with the application of Generalized Fourier's and Fick's law. Waves in Random and Complex Media, 0, , 1-16.	2.7	2
31	Numerical investigation of hybrid nanofluid with gyrotactic microorganism and multiple slip conditions through a porous rotating disk. Waves in Random and Complex Media, 0, , 1-16.	2.7	20
32	Thermal slip and homogeneous/heterogeneous reaction characteristics of second-grade fluid flow over an exponentially stretching sheet. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110641.	2.5	4
33	Features of energy transfer in buoyancy-driven unsteady flow of Maxwell fluid via Cattaneo-Christov theory. Waves in Random and Complex Media, 0, , 1-15.	2.7	2
34	Thermal and solutal transport analysis of Blasius-Rayleigh-Stokes flow of hybrid nanofluid with convective boundary conditions. Waves in Random and Complex Media, 0, , 1-19.	2.7	12