Dr Muhammad Naveed Khan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1679924/publications.pdf

Version: 2024-02-01

34	822	567281	610901
papers	citations	15 h-index	24 g-index

37	37	37	340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cattaneoâ€“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
2	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
3	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
4	Mathematical analysis of bio-convective micropolar nanofluid. Journal of Computational Design and Engineering, 2019, 6, 233-242.	3.1	55
5	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
6	Theoretical treatment of bio-convective Maxwell nanofluid over an exponentially stretching sheet. Canadian Journal of Physics, 2020, 98, 732-741.	1.1	37
7	Mixed convection hybridized micropolar nanofluid with triple stratification and Cattaneoâ€“Christov heat flux model. Physica Scripta, 2021, 96, 075205.	2.5	36
8	Theoretical treatment of radiative Oldroyd-B nanofluid with microorganism pass an exponentially stretching sheet. Surfaces and Interfaces, 2020, 21, 100686.	3.0	34
9	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
10	Flow and heat transfer investigation of bioâ€“convective hybrid nanofluid with triple stratification effects. Physica Scripta, 2021, 96, 065210.	2.5	29
11	Micropolar fluid flow with temperatureâ€dependent transport properties. Heat Transfer, 2020, 49, 2375-2389.	3.0	27
12	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
13	Computational analysis of the unsteady 3D chemically reacting MHD flow with the properties of temperature dependent transpose suspended Maxwell nanofluid. Case Studies in Thermal Engineering, 2021, 26, 101169.	5.7	24
14	Enhanced transport properties and its theoretical analysis in two-phase hybrid nanofluid. Applied Nanoscience (Switzerland), 2022, 12, 309-316.	3.1	23
15	Mathematical analysis of heat and mass transfer in a Maxwell fluid with double stratification. Physica Scripta, 2021, 96, 025202.	2.5	20
16	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
17	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
18	Heat enhancement analysis of the hybridized micropolar nanofluid with Cattaneoâ€“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

#	Article	IF	Citations
19	Transient flow of Maxwell Nanofluid Over a Shrinking Surface: Numerical Solutions and Stability Analysis. Surfaces and Interfaces, 2021, 22, 100829.	3.0	17
20	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
21	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
22	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
23	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
24	Thermal and solutal transport analysis of Blasiusâ€“Rayleighâ€“Stokes flow of hybrid nanofluid with convective boundary conditions. Waves in Random and Complex Media, 0, , 1-19.	2.7	12
25	MHD stagnation point flow of a Maxwell nanofluid over a shrinking sheet (multiple solution). Heat Transfer, 2021, 50, 4729-4743.	3.0	11
26	Blasiusâ€“Rayleighâ€“Stokes Flow of Hybrid Nanomaterial Liquid Past a Stretching Surface with Generalized Fourierâ€™s and Fickâ€™s Law. Nanomaterials, 2022, 12, 439.	4.1	11
27	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
28	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
29	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
30	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
31	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
32	Heat and mass transfer exploration of non-Newtonian fluid flow induced by the exponentially stretching Riga surface with the application of Generalized Fourierâ€™s and Fickâ€™s law. Waves in Random and Complex Media, 0, , 1-16.	2.7	2
33	Swirling flow of fluid containing (SiO₂) and (MoS₂) nanoparticles analyze via Cattaneo-Christov theory. Journal of Applied Biomaterials and Functional Materials, 2022, 20, 228080002210946.	1.6	2
34	Features of energy transfer in buoyancy-driven unsteady flow of Maxwell fluid via Cattaneoâ€“Christov theory. Waves in Random and Complex Media, 0, , 1-15.	2.7	2