

Assad Ayub

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of the nanoscale heat transport and Lorentz force based on the time-dependent Cross nanofluid. <i>Engineering With Computers</i> , 2023, 39, 2089-2108.	6.1	14
2	Characteristics of melting heat transport of blood with time-dependent cross-nanofluid model using Kellerâ€‘Box and BVP4C method. <i>Engineering With Computers</i> , 2022, 38, 3705-3719.	6.1	62
3	Inclined magnetized and energy transportation aspect of infinite shear rate viscosity model of Carreau nanofluid with multiple features over wedge geometry. <i>Heat Transfer</i> , 2022, 51, 1622-1648.	3.0	23
4	Aspects of infinite shear rate viscosity and heat transport of magnetized Carreau nanofluid. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	31
5	Higher order chemical process with heat transport of magnetized cross nanofluid over wedge geometry. <i>Heat Transfer</i> , 2021, 50, 3196-3219.	3.0	37
6	Multiple characteristics of threeâ€‘dimensional radiative Cross fluid with velocity slip and inclined magnetic field over a stretching sheet. <i>Heat Transfer</i> , 2021, 50, 3325-3341.	3.0	38
7	Interpretation of infinite shear rate viscosity and a nonuniform heat sink/source on a 3D radiative cross nanofluid with buoyancy assisting/opposing flow. <i>Heat Transfer</i> , 2021, 50, 4192-4232.	3.0	46
8	On heated surface transport of heat bearing thermal radiation and MHD Cross flow with effects of nonuniform heat sink/source and buoyancy opposing/assisting flow. <i>Heat Transfer</i> , 2021, 50, 6110-6128.	3.0	25
9	Nanoscale energy transport of inclined magnetized 3D hybrid nanofluid with Lobatto IIIA scheme. <i>Heat Transfer</i> , 2021, 50, 6465-6490.	3.0	38
10	Nanoscale heat and mass transport of magnetized 3-D chemically radiative hybrid nanofluid with orthogonal/inclined magnetic field along rotating sheet. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101193.	5.7	62
11	Energy transference in timeâ€‘dependent Cattaneoâ€‘Christov double diffusion of secondâ€‘grade fluid with variable thermal conductivity. <i>Heat Transfer</i> , 2021, 50, 8224-8242.	3.0	20
12	Insight into the dynamics of time-dependent cross nanofluid on a melting surface subject to cubic autocatalysis. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101227.	5.7	27
13	The Effects of Activation Energy and Thermophoretic Diffusion of Nanoparticles on Steady Micropolar Fluid along with Brownian Motion. <i>Advances in Materials Science and Engineering</i> , 2020, 1-12.	1.8	72
14	Magnetic dipole aspect of binary chemical reactive Cross nanofluid and heat transport over composite cylindrical panels. <i>Waves in Random and Complex Media</i> , 0, , 1-24.	2.7	16
15	Spectral relaxation approach and velocity slip stagnation point flow of inclined magnetized cross-nanofluid with a quadratic multiple regression model. <i>Waves in Random and Complex Media</i> , 0, , 1-25.	2.7	25
16	Melting and entropy generation of infinite shear rate viscosity Carreau model over Riga plate with erratic thickness: a numerical Keller Box approach. <i>Waves in Random and Complex Media</i> , 0, , 1-25.	2.7	13