Assad Ayub

List of Publications by Year
in descending order

16 papers	549 citations	687363 13 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	136 citing authors

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