Muhammad Suleman Malik

List of Publications by Year
in descending order

25 papers	716 citations	471477 17 h-index	677123 22 g-index
25 all docs	25 docs citations	25 times ranked	479 citing authors

#	Article	IF	Citations
1	Bidirectional flow of MHD nanofluid with Hall current and Cattaneo-Christove heat flux toward the stretching surface. PLoS ONE, 2022, 17, e0264208.	2.5	29
2	Modeling and design study of energy generation through high-speed wind at the spillways of hydroelectric power station. Wind Engineering, 2021, 45, 538-546.	1.9	3
3	Joule heating in magnetohydrodynamic micropolar boundary layer flow past a stretching sheet with chemical reaction and microstructural slip. Case Studies in Thermal Engineering, 2021, 25, 100870.	5.7	46
4	Fixed Frequency Slide Mode Controller Cascaded with Proportional Resonant Controller and Droop Controller a New Approach for an Effective 3-Phase Microgrid under Islanded Operation. Electric Power Components and Systems, 2021, 49, 602-611.	1.8	0
5	Influence of nanoparticles inclusion into water on convective magneto hydrodynamic flow with heat transfer and entropy generation through permeable domain. Case Studies in Thermal Engineering, 2020, 21, 100732.	5.7	20
6	Entropy optimization in MHD nanofluid flow over a curved exponentially stretching surface with binary chemical reaction and Arrhenius activation energy. Journal of Physics Communications, 2020, 4, 075021.	1.2	12
7	Entropy optimization in Darcyâ€"Forchheimer MHD flow of water based copper and silver nanofluids with Joule heating and viscous dissipation effects. AIP Advances, 2020, 10, .	1.3	40
8	Numerical simulation of the combined effects of thermophoretic motion and variable thermal conductivity on free convection heat transfer. AIP Advances, 2020, 10, .	1.3	18
9	Design and Fabrication of Solar Thermal Energy Storage System Using Potash Alum as a PCM. Energies, 2020, 13, 6169.	3.1	12
10	Influences of Hall current and radiation on MHD micropolar non-Newtonian hybrid nanofluid flow between two surfaces. AIP Advances, 2020, 10, .	1.3	54
11	Electricity generation from the high-speed wind of the spillway in a hydroelectric power station. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-13.	2.3	2
12	Brownian Motion and Thermophoresis Effects on MHD Three Dimensional Nanofluid Flow with Slip Conditions and Joule Dissipation Due to Porous Rotating Disk. Molecules, 2020, 25, 729.	3.8	39
13	Hall Effect on Radiative Casson Fluid Flow with Chemical Reaction on a Rotating Cone through Entropy Optimization. Entropy, 2020, 22, 480.	2.2	27
14	Entropy Generation in MHD Second-Grade Nanofluid Thin Film Flow Containing CNTs with Cattaneo-Christov Heat Flux Model Past an Unsteady Stretching Sheet. Applied Sciences (Switzerland), 2020, 10, 2720.	2.5	32
15	Numerical Simulation of Magnetohydrodynamic Nanofluids Under the Influence of Shape Factor and Thermal Transport in a Porous Media Using CVFEM. Frontiers in Physics, 2019, 7, .	2.1	21
16	Darcyâ€"Forchheimer Radiative Flow of Micropoler CNT Nanofluid in Rotating Frame with Convective Heat Generation/Consumption. Processes, 2019, 7, 666.	2.8	21
17	Unsteady squeezing flow of magnetohydrodynamic carbon nanotube nanofluid in rotating channels with entropy generation and viscous dissipation. Advances in Mechanical Engineering, 2019, 11, 168781401882310.	1.6	47
18	Entropy Generation in MHD Radiative Flow of CNTs Casson Nanofluid in Rotating Channels with Heat Source/Sink. Mathematical Problems in Engineering, 2019, 2019, 1-14.	1.1	64

#	Article	IF	Citations
19	Exploration of temperature dependent thermophysical characteristics of yield exhibiting non-Newtonian fluid flow under gyrotactic microorganisms. AIP Advances, 2019, 9, .	1.3	56
20	Study of the Couple Stress Convective Micropolar Fluid Flow in a Hall MHD Generator System. Frontiers in Physics, 2019, 7, .	2.1	22
21	Cattaneo-Christov model for electrical magnetite micropoler Casson ferrofluid over a stretching/shrinking sheet using effective thermal conductivity model. Case Studies in Thermal Engineering, 2019, 13, 100352.	5.7	60
22	Darcy-Forchheimer flow of MHD CNTs nanofluid radiative thermal behaviour and convective non uniform heat source/sink in the rotating frame with microstructure and inertial characteristics. AIP Advances, 2018, 8, .	1.3	39
23	Entropy Generation in MHD Eyringâ€"Powell Fluid Flow over an Unsteady Oscillatory Porous Stretching Surface under the Impact of Thermal Radiation and Heat Source/Sink. Applied Sciences (Switzerland), 2018, 8, 2588.	2.5	47
24	Simulation Study to Evaluate the Hybrid Photovoltaic - Thermoelectric Energy Generation System with Heat Recovery Mechanism. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-19.	2.3	2
25	Application of Arrhenius chemical process on unsteady mixed bio-convective flows of third-grade fluids having temperature-dependent in thermo-rheological properties. Waves in Random and Complex Media, 0, , 1-20.	2.7	3