

Sabir Ali Shehzad

List of Publications by Year in descending order

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39
papers

987
citations

394421

19
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear thermal radiation and cubic autocatalysis chemical reaction effects on the flow of stretched nanofluid under rotational oscillations. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 253-265.	9.4	78
2	MHD stagnation point flow of Jeffrey fluid by a radially stretching surface with viscous dissipation and Joule heating. <i>Journal of Hydrology and Hydromechanics</i> , 2015, 63, 311-317.	2.0	75
3	Radiative Hydromagnetic Flow of Jeffrey Nanofluid by an Exponentially Stretching Sheet. <i>PLoS ONE</i> , 2014, 9, e103719.	2.5	69
4	MHD Mixed Convective Peristaltic Motion of Nanofluid with Joule Heating and Thermophoresis Effects. <i>PLoS ONE</i> , 2014, 9, e111417.	2.5	69
5	Flow of a second grade fluid with convective boundary conditions. <i>Thermal Science</i> , 2011, 15, 253-261.	1.1	54
6	Hydromagnetic Steady Flow of Maxwell Fluid over a Bidirectional Stretching Surface with Prescribed Surface Temperature and Prescribed Surface Heat Flux. <i>PLoS ONE</i> , 2013, 8, e68139.	2.5	51
7	Three-Dimensional Flow of an Oldroyd-B Fluid with Variable Thermal Conductivity and Heat Generation/Absorption. <i>PLoS ONE</i> , 2013, 8, e78240.	2.5	49
8	Three-dimensional stretched flow via convective boundary condition and heat generation/absorption. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014, 24, 342-358.	2.8	42
9	Steady Flow of Maxwell Fluid with Convective Boundary Conditions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 417-422.	1.5	35
10	Bioconvection flow of magnetized Williamson nanoliquid with motile organisms and variable thermal conductivity. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 3325-3336.	3.1	34
11	Temperature and Concentration Stratification Effects in Mixed Convection Flow of an Oldroyd-B Fluid with Thermal Radiation and Chemical Reaction. <i>PLoS ONE</i> , 2015, 10, e0127646.	2.5	32
12	A Model of Solar Radiation and Joule Heating in Flow of Third Grade Nanofluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 177-184.	1.5	26
13	Significance of the nonlinear radiative flow of micropolar nanoparticles over porous surface with a gyrotactic microorganism, activation energy, and Nield's condition. <i>Heat Transfer - Asian Research</i> , 2019, 48, 3230-3256.	2.8	25
14	Thermal Radiation Effects on the Mixed Convection Stagnation-Point Flow in a Jeffrey Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 606-614.	1.5	24
15	Mixed Convection Stagnation-Point Flow of Powell-Eyring Fluid with Newtonian Heating, Thermal Radiation, and Heat Generation/Absorption. <i>Journal of Aerospace Engineering</i> , 2017, 30, 04016077.	1.4	24
16	A Mathematical Study for Three-Dimensional Boundary Layer Flow of Jeffrey Nanofluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 225-233.	1.5	22
17	Simultaneous effects of magnetic field and convective condition in three-dimensional flow of couple stress nanofluid with heat generation/absorption. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 1165-1176.	1.6	22
18	Unsteady flow of chemically reactive Oldroyd-B fluid over oscillatory moving surface with thermo-diffusion and heat absorption/generation effects. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	22

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19	Cattaneo's Christov double-diffusion model for flow of Jeffrey fluid. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 4965-4971.	1.6	20
20	MHD Flow of an Oldroyd-B Fluid Through a Porous Channel. International Journal of Chemical Reactor Engineering, 2012, 10, .	1.1	18
21	Radiative Three-Dimensional Flow with Chemical Reaction. International Journal of Chemical Reactor Engineering, 2016, 14, 79-91.	1.1	18
22	Statistical analysis of stagnation point heat flow in Williamson fluid with viscous dissipation and exponential heat source effects. Heat Transfer, 2020, 49, 4580-4591.	3.0	17
23	Radiative Flow with Variable Thermal Conductivity in Porous Medium. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 153-159.	1.5	16
24	Numerical illustrations of 3D tangent hyperbolic liquid flow past a bidirectional moving sheet with convective heat transfer at the boundary. Heat Transfer - Asian Research, 2019, 48, 1899-1912.	2.8	14
25	Numerical Solutions of Dissipative Natural Convective Flow from a Vertical Cone with Heat Absorption, Generation, MHD and Radiated Surface Heat Flux. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	14
26	Thermal transportation analysis of nanoliquid squeezed flow past a sensor surface with MCWCNT and SWCNT. Heat Transfer - Asian Research, 2019, 48, 2262-2275.	2.8	12
27	Analysis for time-dependent flow of Carreau nanofluid over an accelerating surface with gyrotactic microorganisms: Model for extrusion systems. Advances in Mechanical Engineering, 2019, 11, 168781401989445.	1.6	12
28	Time-dependent three-dimensional Oldroyd-B nanofluid flow due to bidirectional movement of surface with zero mass flux. Advances in Mechanical Engineering, 2020, 12, 168781402091378.	1.6	11
29	Numerical study of hydrodynamic flow of a Casson nanomaterial past an inclined sheet under porous medium. Heat Transfer - Asian Research, 2020, 49, 307-334.	2.8	10
30	Numerical computations on flow and heat transfer of Casson fluid due to oscillatory moving surface. Thermal Science, 2019, 23, 3365-3377.	1.1	10
31	Generalized least square homotopy perturbation solution of fractional telegraph equations. Computational and Applied Mathematics, 2019, 38, 1.	2.2	9
32	Magnetohydrodynamics slip flow of a nanofluid through an oscillatory disk under porous medium supremacy. Heat Transfer - Asian Research, 2019, 48, 3446-3465.	2.8	8
33	Impact of Curvature-Dependent Channel Walls on Peristaltic Flow of Newtonian Fluid Through a Curved Channel with Heat Transfer. Arabian Journal for Science and Engineering, 2020, 45, 9037-9044.	3.0	7
34	Exploration of Thermophoresis and Brownian motion effect on the bio-convective flow of Newtonian fluid conveying tiny particles: Aspects of multi-layer model. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210985.	2.1	6
35	Magnetohydrodynamic three-dimensional nonlinear convective flow of viscoelastic nanofluid with heat and mass flux conditions. Neural Computing and Applications, 2019, 31, 967-977.	5.6	5
36	Thermo diffusion aspects in Jeffrey nanofluid over periodically moving surface with time dependent thermal conductivity. Thermal Science, 2021, 25, 197-207.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Modified homotopy perturbation approach for the system of fractional partial differential equations: A utility of fractional Wronskian. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 809-826.	2.3	4
38	Least Square Homotopy Solution to Hyperbolic Telegraph Equations: Multi-dimension Analysis. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	3
39	Spectralâ€quasiâ€linearization method and multiple regression analysis of reinerâ€philippoff fluid flow. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022, 102, .	1.6	1