

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	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
2	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
3	Thermo diffusion aspects in Jeffrey nanofluid over periodically moving surface with time dependent thermal conductivity. <i>Thermal Science</i> , 2021, 25, 197-207.	1.1	5
4	Numerical study of hydrodynamic flow of a Casson nanomaterial past an inclined sheet under porous medium. <i>Heat Transfer - Asian Research</i> , 2020, 49, 307-334.	2.8	10
5	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
6	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
7	Statistical analysis of stagnationâ€point heat flow in Williamson fluid with viscous dissipation and exponential heat source effects. <i>Heat Transfer</i> , 2020, 49, 4580-4591.	3.0	17
8	Impact of Curvature-Dependent Channel Walls on Peristaltic Flow of Newtonian Fluid Through a Curved Channel with Heat Transfer. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 9037-9044.	3.0	7
9	Time-dependent three-dimensional Oldroyd-B nanofluid flow due to bidirectional movement of surface with zero mass flux. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402091378.	1.6	11
10	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
11	Magnetohydrodynamics slip flow of a nanofluid through an oscillatory disk under porous medium supremacy. <i>Heat Transfer - Asian Research</i> , 2019, 48, 3446-3465.	2.8	8
12	Generalized least square homotopy perturbation solution of fractional telegraph equations. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	2.2	9
13	Thermal transportation analysis of nanoliquid squeezed flow past a sensor surface with MCWCNT and SWCNT. <i>Heat Transfer - Asian Research</i> , 2019, 48, 2262-2275.	2.8	12
14	Numerical illustrations of 3D tangent hyperbolic liquid flow past a bidirectional moving sheet with convective heat transfer at the boundary. <i>Heat Transfer - Asian Research</i> , 2019, 48, 1899-1912.	2.8	14
15	Numerical Solutions of Dissipative Natural Convective Flow from a Vertical Cone with Heat Absorption, Generation, MHD and Radiated Surface Heat Flux. <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1.	1.6	14
16	Analysis for time-dependent flow of Carreau nanofluid over an accelerating surface with gyrotactic microorganisms: Model for extrusion systems. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989445.	1.6	12
17	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
18	Magnetohydrodynamic three-dimensional nonlinear convective flow of viscoelastic nanofluid with heat and mass flux conditions. <i>Neural Computing and Applications</i> , 2019, 31, 967-977.	5.6	5

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19	Numerical computations on flow and heat transfer of Casson fluid due to oscillatory moving surface. <i>Thermal Science</i> , 2019, 23, 3365-3377.	1.1	10
20	Cattaneo's Christov double-diffusion model for flow of Jeffrey fluid. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 4965-4971.	1.6	20
21	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
22	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
23	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
24	Radiative Three-Dimensional Flow with Chemical Reaction. <i>International Journal of Chemical Reactor Engineering</i> , 2016, 14, 79-91.	1.1	18
25	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
26	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
27	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
28	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
29	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
30	Radiative Hydromagnetic Flow of Jeffrey Nanofluid by an Exponentially Stretching Sheet. <i>PLoS ONE</i> , 2014, 9, e103719.	2.5	69
31	MHD Mixed Convective Peristaltic Motion of Nanofluid with Joule Heating and Thermophoresis Effects. <i>PLoS ONE</i> , 2014, 9, e111417.	2.5	69
32	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
33	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
34	Radiative Flow with Variable Thermal Conductivity in Porous Medium. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012, 67, 153-159.	1.5	16
35	MHD Flow of an Oldroyd-B Fluid Through a Porous Channel. <i>International Journal of Chemical Reactor Engineering</i> , 2012, 10, .	1.1	18
36	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

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37	Thermal Radiation Effects on the Mixed Convection Stagnation-Point Flow in a Jeffery Fluid. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 606-614.	1.5	24
38	Flow of a second grade fluid with convective boundary conditions. Thermal Science, 2011, 15, 253-261.	1.1	54
39	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