

Muhammad Riaz Khan

List of Publications by Year in descending order

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44
papers

1,400
citations

516710

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434195

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all docs

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docs citations

49
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Conditions for mixed convection flow of SiO_2-Al₂O₃ nanofluid over a stretching/shrinking surface. <i>Case Studies in Thermal Engineering</i>, 2021, 26, 100975.</p>		
2	<p>Heat and mass transfer in MHD Williamson nanofluid flow over an exponentially porous stretching surface. <i>Case Studies in Thermal Engineering</i>, 2021, 26, 100975.</p>	5.7	99
3	<p>Oblique Stagnation Point Flow of Nanofluids over Stretching/Shrinking Sheet with Cattaneo-Christov Heat Flux Model: Existence of Dual Solution. <i>Symmetry</i>, 2019, 11, 1070.</p>	2.2	86
4	<p>MHD stagnation point flow of viscous nanofluid over a curved surface. <i>Physica Scripta</i>, 2019, 94, 115207.</p>	2.5	84
5	<p>MHD oblique stagnation point flow of nanofluid over an oscillatory stretching/shrinking sheet: existence of dual solutions. <i>Physica Scripta</i>, 2019, 94, 075204.</p>	2.5	81
6	<p>MHD stagnation point flow of nanofluid over a curved stretching/shrinking surface subject to the influence of Joule heating and convective condition. <i>Case Studies in Thermal Engineering</i>, 2021, 26, 101184.</p>	5.7	80
7	<p>Comparative study on heat transfer in CNTs-water nanofluid over a curved surface. <i>International Communications in Heat and Mass Transfer</i>, 2020, 116, 104707.</p>	5.6	77
8	<p>The p53^Δ inducible long noncoding RNA TRINGS protects cancer cells from necrosis under glucose starvation. <i>EMBO Journal</i>, 2017, 36, 3483-3500.</p>	7.8	66
9	<p>Unsteady radiative slip flow of MHD Casson fluid over a permeable stretched surface subject to a non-uniform heat source. <i>Case Studies in Thermal Engineering</i>, 2021, 26, 101141.</p>	5.7	53
10	<p>Numerical analysis of oblique stagnation point flow of nanofluid over a curved stretching/shrinking surface. <i>Physica Scripta</i>, 2020, 95, 105704.</p>	2.5	51
11	<p>Numerical assessment of mixed convection flow of Walters-B nanofluid over a stretching surface with Newtonian heating and mass transfer. <i>Thermal Science and Engineering Progress</i>, 2021, 22, 100801.</p>	2.7	50
12	<p>A computational model for hybrid nanofluid flow on a rotating surface in the existence of convective condition. <i>Case Studies in Thermal Engineering</i>, 2021, 26, 101089.</p>	5.7	45
13	<p>Numerical analysis of heat transfer and friction drag relating to the effect of Joule heating, viscous dissipation and heat generation/absorption in aligned MHD slip flow of a nanofluid. <i>International Communications in Heat and Mass Transfer</i>, 2022, 131, 105843.</p>	5.6	44
14	<p>The computational study of heat transfer and friction drag in an unsteady MHD radiated Casson fluid flow across a stretching/shrinking surface. <i>International Communications in Heat and Mass Transfer</i>, 2022, 130, 105832.</p>	5.6	38
15	<p>Numerical simulation of Marangoni Maxwell nanofluid flow with Arrhenius activation energy and entropy anatomization over a rotating disk. <i>Waves in Random and Complex Media</i>, 0, , 1-19.</p>	2.7	35
16	<p>Transport properties of a hydromagnetic radiative stagnation point flow of a nanofluid across a stretching surface. <i>Case Studies in Thermal Engineering</i>, 2022, 31, 101839.</p>	5.7	34
17	<p>Exploring the Alternative Splicing of Long Noncoding RNAs. <i>Trends in Genetics</i>, 2021, 37, 695-698.</p>	6.7	33
18	<p>Unsteady Convective MHD Flow and Heat Transfer of a Viscous Nanofluid across a Porous Stretching/Shrinking Surface: Existence of Multiple Solutions. <i>Crystals</i>, 2021, 11, 1359.</p>	2.2	28

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19	Non-singular fractional computations for the radiative heat and mass transfer phenomenon subject to mixed convection and slip boundary effects. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111708.	5.1	27
20	Thermal features and heat transfer enhancement of a Casson fluid across a porous stretching/shrinking sheet: Analysis of dual solutions. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101594.	5.7	26
21	Application of PEST and PEHF in magneto-Williamson nanofluid depending on the suction/injection. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101329.	5.7	24
22	Comparative study on heat transfer and friction drag in the flow of various hybrid nanofluids effected by aligned magnetic field and nonlinear radiation. <i>Scientific Reports</i> , 2021, 11, 3691.	3.3	22
23	Thermal analysis of a radiative slip flow of an unsteady casson nanofluid toward a stretching surface subject to the convective condition. <i>Journal of Materials Research and Technology</i> , 2021, 15, 468-476.	5.8	21
24	Influential study of novel microorganism and nanoparticles during heat and mass transport in Homann flow of visco-elastic materials. <i>International Communications in Heat and Mass Transfer</i> , 2022, 131, 105871.	5.6	17
25	Numerical simulations for optimised flow of second-grade nanofluid due to rotating disk with nonlinear thermal radiation: Chebyshev spectral collocation method analysis. <i>Pramana - Journal of Physics</i> , 2022, 96, 1.	1.5	14
26	lncRNA TRMP-S directs dual mechanisms to regulate p27-mediated cellular senescence. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 971-985.	5.1	13
27	Whole Exome Sequencing Identifies a Novel Mutation in the Gene, Causing Autosomal Dominant Congenital Cataracts in a Chinese Family. <i>Annals of Clinical and Laboratory Science</i> , 2017, 47, 92-95.	0.2	12
28	<scp>PINTology</scp>: A short history of the <scp>lncRNA LINCâ€PINT</scp> in different diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1705.	6.4	11
29	Analysis of Maxwell bioconvective nanofluids with surface suction and slip conditions in the presence of solar radiations. <i>Journal of Physics Communications</i> , 2021, 5, 115014.	1.2	10
30	Investigation of hydromagnetic bioconvection flow of Oldroyd-B nanofluid past a porous stretching surface. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 4331-4342.	4.6	9
31	Numerical study of heat transfer and friction drag in MHD viscous flow of a nanofluid subject to the curved surface. <i>Waves in Random and Complex Media</i> , 0, , 1-16.	2.7	8
32	Transport properties of mixed convective nano-material flow considering the generalized fourier law and a vertical surface: Concept of caputo-time fractional derivative. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2022, 236, 974-984.	1.4	8
33	TP53LNC-DB, the database of lncRNAs in the p53 signalling network. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	7
34	COVID-19 Delta Variant-of-Concern: A Real Concern for Pregnant Women With Gestational Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2021, 12, 778911.	3.5	7
35	Thermal radiation and chemically reactive aspects of mixed convection flow using water base nanofluids: Tiwari and Das model. <i>Waves in Random and Complex Media</i> , 0, , 1-31.	2.7	7
36	Identification of minor chromosomal defects causing abnormal foetus and spontaneous abortions. <i>British Journal of Biomedical Science</i> , 2016, 73, 67-73.	1.3	6

#	ARTICLE	IF	CITATIONS
37	Numerical analysis of a time-dependent aligned MHD boundary layer flow of a hybrid nanofluid over a porous radiated stretching/shrinking surface. <i>Waves in Random and Complex Media</i> , 0, , 1-17.	2.7	6
38	Dynamics of mixed convection and Hall current in radiative power-law velocity slip flow of non-Newtonian fluid. <i>Waves in Random and Complex Media</i> , 0, , 1-18.	2.7	5
39	On the evaluation of Poisson equation with dual interpolation boundary face method. <i>European Journal of Mechanics, A/Solids</i> , 2021, 88, 104248.	3.7	4
40	Tumor-suppressive or tumor-supportive: For p53, that is the question. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1408537.	0.7	3
41	A Novel Sex Chromosome Mosaicism 45,X/45,Y/46,XY/46,YY/47,XYY Causing Ambiguous Genitalia. <i>Annals of Clinical and Laboratory Science</i> , 2017, 47, 761-764.	0.2	2
42	Designing of TiO_2 -rGO nanocomposite-based photoanode to enhance the performance of dye-sensitized solar cells. <i>European Physical Journal: Special Topics</i> , 2022, 231, 2919-2926.	2.6	2
43	Transportation of Darcy-Forchheimer entropy optimized nonlinear flow toward a stretchable sheet with Ohmic heating and heat generation/absorption. <i>Waves in Random and Complex Media</i> , 0, , 1-19.	2.7	2
44	Numerical solution of magnetohydrodynamics radiative flow of Oldroyd-B nanofluid toward a porous stretched surface containing gyrotactic microorganisms. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022, 102, .	1.6	2