

Zaffar Mehmood

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

324
citations

933447

10
h-index

888059

17
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21
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21
docs citations

21
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite Difference Approach for Critical Value Analysis to Describe Jefferyâ€™Hamel Flow Toward an Inclined Channel with Microrotations. Arabian Journal for Science and Engineering, 2022, 47, 15261-15268.	3.0	8
2	Effectiveness of Magnetic Dipole and Framing the Performance of Fe_3O_4 in Rotating Transpor. Arabian Journal for Science and Engineering, 2019, 44, 993-1000.	3.0	1
3	Unsteady transport of MHD mixed convection inspired by thermal radiation and partial slip performance: Finite difference approach. Thermal Science, 2019, 23, 1875-1887.	1.1	3
4	A comprehensive shape factor analysis using transportation of MoS_2 and SiO_2 nanoparticles in a porous medium. Results in Physics, 2018, 8, 633-641.	4.1	29
5	Impact of oblique magnetic viscous dissipative transport on chemically reactive micro-rotations submerged in porous medium. Canadian Journal of Physics, 2018, 96, 1349-1358.	1.1	1
6	Numerical study of entropy generation and melting heat transfer on MHD generalised non-Newtonian fluid (GNF): Application to optimal energy. Pramana - Journal of Physics, 2018, 90, 1.	1.8	5
7	Application of neural network for computing heat performance in axisymmetric viscoelastic transport: Hybrid meta heuristic techniques. Results in Physics, 2018, 8, 1076-1085.	4.1	7
8	Neural based hybrid metaheuristic technique for computing rotating transport of Falkner-Skan flow. AEJ - Alexandria Engineering Journal, 2018, 57, 2123-2132.	6.4	5
9	A Numerical Investigation of Nanocomposite of Copper and Titanium Dioxide in Water Based Fluid Influenced by Instigated Magnetic Region. Communications in Theoretical Physics, 2018, 70, 239.	2.5	6
10	Computational analysis of engine-oil based magnetite nanofluidic problem inspired with entropy generation. Journal of Molecular Liquids, 2017, 230, 295-304.	4.9	19
11	Oblique transport of gyrotactic microorganisms and bioconvection nanoparticles with convective mass flux. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 88, 265-271.	2.7	17
12	Impact of inclined magnetic field on micropolar Casson fluid using Keller box algorithm. European Physical Journal Plus, 2017, 132, 1.	2.6	30
13	Numerical Investigation of Micropolar Casson Fluid over a Stretching Sheet with Internal Heating. Communications in Theoretical Physics, 2017, 67, 443.	2.5	39
14	Elastic Deformation Analysis on MHD Viscous Dissipative Flow of Viscoelastic Fluid: An Exact Approach. Communications in Theoretical Physics, 2017, 67, 561.	2.5	5
15	Numerical investigation of nanofluidic transport of gyrotactic microorganisms submerged in water towards Riga plate. Journal of Molecular Liquids, 2017, 234, 296-308.	4.9	34
16	Nanofluidic Transport over a Curved Surface with Viscous Dissipation and Convective Mass Flux. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 223-229.	1.5	16
17	A novel development of hybrid MoS_2 and SiO_2 nanoparticles in a porous medium. Results in Physics, 2017, 81, 150-158.	4.1	29
18	Thermal deposition on magnetohydrodynamic nanofluidic transport of viscoplastic fluid with microrotations. Journal of Molecular Liquids, 2017, 243, 341-347.	4.9	3

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