

Madhukesh Jk

List of Publications by Year in descending order

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papers

1,076
citations

623734

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38
docs citations

38
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Ternary nanofluid with heat source/sink and porous medium effects in stretchable convergent/divergent channel. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024, 238, 134-143.	2.5	16
2	Dynamics of water conveying SWCNT nanoparticles and swimming microorganisms over a Riga plate subject to heat source/sink. AEJ - Alexandria Engineering Journal, 2022, 61, 2418-2429.	6.4	49
3	Significance of aluminium alloys particle flow through a parallel plates with activation energy and chemical reaction. Journal of Thermal Analysis and Calorimetry, 2022, 147, 6971-6981.	3.6	32
4	Thermodynamics Examination of Fe ₃ O ₄ -CoFe ₂ O ₄ /Water-EG Nanofluid in a Heated Plate: Crosswise and Stream-wise Aspects. Arabian Journal for Science and Engineering, 2022, 47, 8351-8360.	3.0	12
5	Performance of water, ethylene glycol, engine oil conveying SWCNT-MWCNT nanoparticles over a cylindrical fin subject to magnetic field and heat generation. International Journal of Modelling and Simulation, 2022, 42, 936-945.	3.3	18
6	FLOW OF HYDROMAGNETIC MICROPOLAR-CASSON NANOFLUID OVER POROUS DISKS INFLUENCED BY CATTANEO-CHRISTOV THEORY AND SLIP EFFECTS. Journal of Porous Media, 2022, 25, 35-49.	1.9	18
7	Effect of electromagnetic field on the thermal performance of longitudinal trapezoidal porous fin using DTM-Pade approximant. Heat Transfer, 2022, 51, 3313-3333.	3.0	17
8	Thermophoretic particle deposition and heat generation analysis of Newtonian nanofluid flow through magnetized Riga plate. Heat Transfer, 2022, 51, 3082-3098.	3.0	18
9	Activation Energy Impact on Flow of AA7072-AA7075/Water-Based Hybrid Nanofluid through a Cone, Wedge and Plate. Micromachines, 2022, 13, 302.	2.9	53
10	Nanoparticle Aggregation and Thermophoretic Particle Deposition Process in the Flow of Micropolar Nanofluid over a Stretching Sheet. Nanomaterials, 2022, 12, 977.	4.1	14
11	3D Flow of Hybrid Nanomaterial through a Circular Cylinder: Saddle and Nodal Point Aspects. Mathematics, 2022, 10, 1185.	2.2	14
12	Dusty Nanoliquid Flow through a Stretching Cylinder in a Porous Medium with the Influence of the Melting Effect. Processes, 2022, 10, 1065.	2.8	7
13	Time-Dependent Stagnation Point Flow of Water Conveying Titanium Dioxide Nanoparticle Aggregation on Rotating Sphere Object Experiencing Thermophoresis Particle Deposition Effects. Energies, 2022, 15, 4424.	3.1	7
14	Impact of Buoyancy and Stagnation-Point Flow of Water Conveying Ag-MgO Hybrid Nanoparticles in a Vertical Contracting/Expanding Riga Wedge. Symmetry, 2022, 14, 1312.	2.2	6
15	Impact of thermophoretic particle deposition on heat transfer and nanofluid flow through different geometries: An application to solar energy. Chinese Journal of Physics, 2022, 80, 190-205.	3.9	15
16	Assessment of Arrhenius activation energy in stretched flow of nanofluid over a rotating disc. Heat Transfer, 2021, 50, 2807-2828.	3.0	41
17	Impact of thermophoretic particle deposition on heat and mass transfer across the dynamics of Casson fluid flow over a moving thin needle. Physica Scripta, 2021, 96, 075210.	2.5	51
18	Dual branch solutions (multi-solutions) for nonlinear radiative Falkner-Skan flow of Maxwell nanomaterials with heat and mass transfer over a static/moving wedge. International Journal of Modern Physics C, 2021, 32, 2150130.	1.7	10

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19	Squeezing flow of Casson hybrid nanofluid between parallel plates with a heat source or sink and thermophoretic particle deposition. Heat Transfer, 2021, 50, 7139-7156.	3.0	37
20	Analysis of single and multi-wall carbon nanotubes (SWCNT/MWCNT) in the flow of Maxwell nanofluid with the impact of magnetic dipole. Computational and Theoretical Chemistry, 2021, 1200, 113223.	2.5	54
21	Theoretical analysis of SWCNT- MWCNT/H ₂ O hybrid flow over an upward/downward moving rotating disk. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2021, 235, 97-106.	0.6	5
22	Bio-Marangoni convection flow of Casson nanoliquid through a porous medium in the presence of chemically reactive activation energy. Applied Mathematics and Mechanics (English Edition), 2021, 42, 1191-1204.	3.6	36
23	Numerical simulation of AA7072-AA7075/water-based hybrid nanofluid flow over a curved stretching sheet with Newtonian heating: A non-Fourier heat flux model approach. Journal of Molecular Liquids, 2021, 335, 116103.	4.9	182
24	Computational study of chemical reaction and activation energy on the flow of F_3 over a stretching sheet with Newtonian heating. Journal of Molecular Liquids, 2021, 335, 116103.	2.5	17
25	Dynamics of hybrid nanofluid through a semi spherical porous fin with internal heat generation. Partial Differential Equations in Applied Mathematics, 2021, 4, 100150.	2.4	19
26	Activation energy process in hybrid CNTs and induced magnetic slip flow with heat source/sink. Chinese Journal of Physics, 2021, 73, 375-390.	3.9	41
27	Impact of thermophoretic particle deposition on Glauert wall jet slip flow of nanofluid. Case Studies in Thermal Engineering, 2021, 28, 101404.	5.7	37
28	Three dimensional mixed convection flow of hybrid casson nanofluid past a non-linear stretching surface: A modified Buongiorno's model aspects. Chaos, Solitons and Fractals, 2021, 152, 111428.	5.1	47
29	Influence of Thermophoretic Particle Deposition on the 3D Flow of Sodium Alginate-Based Casson Nanofluid over a Stretching Sheet. Micromachines, 2021, 12, 1474.	2.9	39
30	Effect of thermal radiation on heat transfer in plane wall jet flow of Casson nanofluid with suction subject to a slip boundary condition. Waves in Random and Complex Media, 0, , 1-18.	2.7	20
31	Thermodynamic activity of a ternary nanofluid flow passing through a permeable slipped surface with heat source and sink. Waves in Random and Complex Media, 0, , 1-21.	2.7	34
32	Characteristic of thermophoretic effect and convective thermal conditions on flow of hybrid nanofluid over a moving thin needle. Waves in Random and Complex Media, 0, , 1-23.	2.7	17
33	The physical impact of blowing, Soret and Dufour over an unsteady stretching surface immersed in a porous medium in the presence of ternary nanofluid. Heat Transfer, 0, , .	3.0	4
34	Impact of newtonian heating on dusty nanofluid flow over a riga plate embedded in porous medium. Waves in Random and Complex Media, 0, , 1-24.	2.7	2