Prabhakar fractional derivative and its applications in t containing nanoparticles

Thermal Science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chemical reaction and thermal characteristiecs of Maxwell nanofluid flow-through solar collector as a potential solar energy cooling application: A modified Buongiorno's model. Energy and Environment, 2023, 34, 1409-1432.	2.7	19
2	Computational assessment of hybrid nanofluid flow with the influence of hall current and chemical reaction over a slender stretching surface. AEJ - Alexandria Engineering Journal, 2022, 61, 10319-10331.	3.4	72
3	Intelligent networks knacks for numerical treatment of three-dimensional Darcyâ€"Forchheimer Williamson nanofluid model past a stretching surface. Waves in Random and Complex Media, 0, , 1-29.	1.6	3
4	2D mixed convection non-Darcy model with radiation effect in a nanofluid over an inclined wavy surface. AEJ - Alexandria Engineering Journal, 2022, 61, 9965-9976.	3.4	29
5	Lorentz force and Darcy-Forchheimer effects on the convective flow of non-Newtonian fluid with chemical aspects. Waves in Random and Complex Media, 0, , 1-15.	1.6	4
6	Fractional analysis of thin-film flow in the presence of thermal conductivity and variable viscosity. Waves in Random and Complex Media, 0, , 1-19.	1.6	10
7	Numerical simulation of 3D swirling flow of Maxwell nanomaterial with a binary chemical mechanism and nonlinear thermal radiation effects. Waves in Random and Complex Media, 0, , 1-19.	1.6	4
8	Buoyancy force and Arrhenius energy impacts on Buongiorno electromagnetic nanofluid flow containing gyrotactic microorganism. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 9459-9471.	1.1	18
9	Raising thermal efficiency of solar waterâ€pump using Oldroydâ€B nanofluids' flow: An optimal thermal application. Energy Science and Engineering, 2022, 10, 4286-4303.	1.9	8
10	The study of nanofluid flow with motile microorganism and thermal slip condition across a vertical permeable surface. Waves in Random and Complex Media, 0, , 1-18.	1.6	17
11	Quasi-linearization analysis for heat and mass transfer of magnetically driven 3rd-grade (Cu-TiO2/engine oil) nanofluid via a convectively heated surface. International Communications in Heat and Mass Transfer, 2022, 135, 106060.	2.9	28
12	A finite element analysis of thermal energy inclination based on ternary hybrid nanoparticles influenced by induced magnetic field. International Communications in Heat and Mass Transfer, 2022, 135, 106074.	2.9	47
13	Galerkin finite element inspection of thermal distribution of renewable solar energy in presence of binary nanofluid in parabolic trough solar collector. AEJ - Alexandria Engineering Journal, 2022, 61, 11063-11076.	3.4	22
14	Thermal analysis characterisation of solar-powered ship using Oldroyd hybrid nanofluids in parabolic trough solar collector: An optimal thermal application. Nanotechnology Reviews, 2022, 11, 2015-2037.	2.6	32
15	Thermo-convective Arrhenius reactive fluid flow between two parallel plates. Advances in Mechanical Engineering, 2022, 14, 168781322210997.	0.8	6
16	Numerical study of magnetic field interaction with fully developed flow in a vertical duct. AEJ - Alexandria Engineering Journal, 2022, 61, 11351-11363.	3.4	15
17	The study of Darcy-Forchheimer hybrid nanofluid flow with the thermal slip and dissipation effect using parametric continuation approach over a rotating disk. Waves in Random and Complex Media, 0, , 1-14.	1.6	11
18	Capacity Policy for an OEM under Production Ramp-Up and Demand Diffusion. Mathematical Problems in Engineering, 2022, 2022, 1-22.	0.6	0

#	Article	IF	Citations
19	Analytical study of three-dimensional MHD hybrid nanofluid flow along with thermal characteristics and radiative solar energy. Waves in Random and Complex Media, 0, , 1-15.	1.6	7
20	Efficiency evaluation of solar water-pump using nanofluids in parabolic trough solar collector: 2nd order convergent approach. Waves in Random and Complex Media, 0, , 1-37.	1.6	12
21	Melting Heat Transition in a Spinning Flow of Silver-Magnesium Oxide/Engine Oil Hybrid Nanofluid Using Parametric Estimation. Journal of Nanomaterials, 2022, 2022, 1-13.	1.5	11
22	Features and aspects of radioactive flow and slippage velocity on rotating two-phase Prandtl nanofluid with zero mass fluxing and convective constraints. International Communications in Heat and Mass Transfer, 2022, 136, 106180.	2.9	25
23	EFFECT OF HEAT SOURCE ON STAGNATION-POINT MHD TANGENT HYPERBOLIC FLUID FLOW ON A STRETCHED SHEET IN A POROUS MEDIUM. Special Topics and Reviews in Porous Media, 2022, 13, 45-56.	0.6	1
24	Computational technique of thermal comparative examination of Cu and Au nanoparticles suspended in sodium alginate as Sutterby nanofluid via extending PTSC surface. Journal of Applied Biomaterials and Functional Materials, 2022, 20, 228080002211040.	0.7	11
25	A mathematical model of blood flow in a stenosed artery with post-stenotic dilatation and a forced field. PLoS ONE, 2022, 17, e0266727.	1.1	19
26	Improving the thermal performance of (ZnO-Ni /H_2O) hybrid nanofluid flow over a rotating system: the applications of Darcy Forchheimer theory. Waves in Random and Complex Media, 0, , 1-17.	1.6	7
27	Investigation of novel passive methods of generation of swirl flow in supersonic separators by the computational fluid dynamics modeling. Scientific Reports, 2022, 12, .	1.6	3
28	Heat transfer analysis from moving convection-radiative triangular porous fin exposed to heat generation. Case Studies in Thermal Engineering, 2022, 38, 102177.	2.8	11
29	Shape-factor and radiative flux impacts on unsteady graphene–copper hybrid nanofluid with entropy optimisation: Cattaneo–Christov heat flux theory. Pramana - Journal of Physics, 2022, 96, .	0.6	10
30	Prabhakar fractional derivative model of sodium alginate (C6H9NaO7) for accelerated plate motions. Frontiers in Energy Research, 0, 10, .	1.2	7
31	Application of Corcione correlation in a nanofluid flow on a bidirectional stretching surface with Cattaneo–Christov heat flux and heat generation/absorption. Numerical Heat Transfer; Part A: Applications, 2023, 84, 569-585.	1.2	5
32	Computational study on magnetohydrodynamics heat and mass transport in polymeric liquid using micropolar theory of fluids. Waves in Random and Complex Media, 0, , 1-19.	1.6	1
33	Mixed convective flow of Casson nanofluid in the microchannel with the effect of couple stresses: irreversibility analysis. International Journal of Modelling and Simulation, 2024, 44, 91-105.	2.3	5
34	Nonlinear convective nanofluid flow in an annular region of two concentric cylinders with generalized Fourier law: An application of Hamilton-Crosser nanofluid model. Numerical Heat Transfer; Part A: Applications, 0, , 1-18.	1.2	3