

# Homotopy analysis method for mixed convective boundary layer flow over a vertical circular cylinder

Thermal Science

19, 549-561

DOI: [10.2298/tsci120225165d](https://doi.org/10.2298/tsci120225165d)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Micropolar fluid flow and heat transfer about a spinning cone with Hall current and Ohmic heating. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 1900-1912.	1.1	3
2	Unsteady MHD flow and heat transfer near stagnation point over a stretching/shrinking sheet in porous medium filled with a nanofluid. Chinese Physics B, 2014, 23, 048203.	0.7	50
3	Buongiorno's model for double-diffusive mixed convective stagnation-point flow of a nanofluid considering diffusiophoresis effect of binary base fluid. Advanced Powder Technology, 2015, 26, 1423-1434.	2.0	51
4	The impact silver nanoparticles on MHD free convection flow of Jeffrey fluid over an oscillating vertical plate embedded in a porous medium. Journal of Molecular Liquids, 2016, 222, 138-150.	2.3	81
5	Mixed convection flow of Casson nanofluid over a stretching cylinder with convective boundary conditions. Advanced Powder Technology, 2016, 27, 2245-2256.	2.0	66
6	Effect of nonlinear thermal radiation on non-aligned bio-convective stagnation point flow of a magnetic-nanofluid over a stretching sheet. AEJ - Alexandria Engineering Journal, 2016, 55, 1931-1939.	3.4	42
7	Homotopy analysis method for unsteady mixed convective stagnation-point flow of a nanofluid using Tiwari-Das nanofluid model. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 40-62.	1.6	50
8	Analysis of heat transfer for unsteady MHD free convection flow of rotating Jeffrey nanofluid saturated in a porous medium. Results in Physics, 2017, 7, 288-309.	2.0	40
9	Free-convective flow of copper/water nanofluid about a rotating down-pointing cone using Tiwari-Das nanofluid scheme. Advanced Powder Technology, 2017, 28, 900-909.	2.0	61
10	Axisymmetric mixed convective stagnation-point flow of a nanofluid over a vertical permeable cylinder by Tiwari-Das nanofluid model. Powder Technology, 2017, 311, 147-156.	2.1	58
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13	Analytical investigation of steady three-dimensional problem of condensation film on inclined rotating disk by Akbari-Ganji's methodAnalytical investigation of steady three-dimensional problem of condensation film on inclined rotating disk by Akbari-Ganji's methodretain-&gt;. Propulsion and Power Research, 2017, 6, 277-284.	2.0	16
14	Tiwari-Das nanofluid model for magnetohydrodynamics (MHD) natural-convective flow of a nanofluid adjacent to a spinning down-pointing vertical cone. Propulsion and Power Research, 2018, 7, 78-90.	2.0	52
15	Dual solutions of an unsteady magnetohydrodynamic stagnation-point flow of a nanofluid with heat and mass transfer in the presence of thermophoresis. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2018, 232, 155-164.	1.4	10
16	Transpiration Effects on MHD Flow Over a Stretched Cylinder with Cattaneo's Christov Heat Flux with Suction or Injection. Arabian Journal for Science and Engineering, 2018, 43, 2273-2280.	1.7	12
17	Homotopy Analysis Method for Radiation and Hydrodynamic-Thermal Slips Effects on MHD Flow and Heat Transfer Impinging on Stretching Sheet. Defect and Diffusion Forum, 0, 388, 317-327.	0.4	11
18	Investigation on ethylene glycol Nano fluid flow over a vertical permeable circular cylinder under effect of magnetic field. Results in Physics, 2018, 9, 1525-1533.	2.0	140

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19	Stagnation-point flow of an aqueous titania-copper hybrid nanofluid toward a wavy cylinder. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2018, 28, 1716-1735.	1.6	132
20	Dual solutions for mixed convective stagnation-point flow of an aqueous silica-alumina hybrid nanofluid. <i>Chinese Journal of Physics</i> , 2018, 56, 2465-2478.	2.0	195
21	Two-dimensional gyrotactic microorganisms flow of hydromagnetic power law nanofluid past an elongated sheet. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988125.	0.8	26
22	Effect of nonlinear thermal radiation on silver and copper water nanofluid flow due to a rotating disk with variable thickness in the presence of nonuniform heat source/sink using the homotopy analysis method. <i>Heat Transfer - Asian Research</i> , 2019, 48, 4033-4048.	2.8	8
23	Heat and Mass Transfer in a Viscous Nanofluid Containing a Gyrotactic Micro-Organism Over a Stretching Cylinder. <i>Symmetry</i> , 2019, 11, 1131.	1.1	13
24	Nodal/saddle stagnation-point boundary layer flow of CuO-Ag/water hybrid nanofluid: a novel hybridity model. <i>Microsystem Technologies</i> , 2019, 25, 2609-2623.	1.2	82
25	Analysis of bioconvection in the suspension of Maxwell nanoparticles with gyrotactic microorganisms. <i>Multidiscipline Modeling in Materials and Structures</i> , 2019, 16, 835-849.	0.6	6
26	Influence of chemically radiative nanoparticles on flow of Maxwell electrically conducting fluid over a convectively heated exponential stretching sheet. <i>World Journal of Engineering</i> , 2019, 16, 791-805.	1.0	3
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32	Heat transfer in magnetohydrodynamic nanofluid flow past a circular cylinder. <i>Physics of Fluids</i> , 2020, 32, 045112.	1.6	32
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34	Heat Transmission Reinforcers Induced by MHD Hybrid Nanoparticles for Water/Water-EG Flowing over a Cylinder. <i>Coatings</i> , 2021, 11, 623.	1.2	14
35	Stagnation point MHD slip-flow of viscoelastic nanomaterial over a stretched inclined cylindrical surface in a porous medium with dual stratification. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105479.	2.9	11
36	Numerical simulation and parametric study of laminar mixed convection nanofluid flow in flat tubes using two phase mixture model. <i>Thermal Science</i> , 2016, 20, 415-428.	0.5	2

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41	Magnetohydrodynamic Flow and Heat Transfer Analysis on Ethylene Glycol Based Nano Fluid Over a Vertical Permeable Circular Cylinder with Joule Heating and Radiation. <i>Journal of Nanofluids</i> , 2022, 11, 664-674.	1.4	1
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45	Efficacy of transverse magnetic field towards suppressing nanofluidic flow instabilities over bluff objects. <i>Journal of Magnetism and Magnetic Materials</i> , 2023, 571, 170582.	1.0	0
46	Numerical analysis on the heat and mass transfer MHD flow characteristics of nanofluid on an inclined spinning disk with heat absorption and chemical reaction. <i>Heat Transfer</i> , 2023, 52, 3615-3639.	1.7	3
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