

Mahesha Narayana

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of ferromagnetic liquid film flow over an unsteady stretching surface in the presence of radiation and aligned magnetic field. <i>Heat Transfer</i> , 2022, 51, 4268-4285.	3.0	0
2	A Comparative Study of Thermoconvective Flows of a Newtonian Fluid Over Three Horizontal Undulated Surfaces in a Porous Medium. <i>Journal of Heat Transfer</i> , 2022, 144, .	2.1	2
3	On the differential transform method of solving boundary eigenvalue problems: An illustration. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, e202000114.	1.6	3
4	Heat Transfer in a Nanoliquid Flow Due to a Permeable Quadratically Stretching Sheet. <i>Advances in Sustainability Science and Technology</i> , 2021, , 307-328.	0.6	0
5	A New Series Solution Applicable to a Class of Boundary Layer Equations with Exponential Decay in Solution. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	1
6	Magnetohydrodynamic Mixed Convective Flow Due to a Vertical Plate With Induced Magnetic Field. <i>Journal of Thermal Science and Engineering Applications</i> , 2018, 10, .	1.5	9
7	Hypergeometric steady solution of hydromagnetic nano liquid film flow over an unsteady stretching sheet. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
8	Thermocapillary flow of a non-Newtonian nanoliquid film over an unsteady stretching sheet. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	5
9	Soret and Dufour effects on thermohaline convection in rotating fluids. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2016, 110, 317-347.	1.2	5
10	Natural convection from a vertical plate immersed in a power-law fluid saturated non-Darcy porous medium with viscous dissipation and Soret effects. <i>Afrika Matematika</i> , 2015, 26, 1495-1518.	0.8	9
11	BIOCONVECTION IN A NON-DARCY POROUS MEDIUM SATURATED WITH A NANOFUID AND OXYTACTIC MICRO-ORGANISMS. <i>International Journal of Biomathematics</i> , 2014, 07, 1450005.	2.9	19
12	Modelling micropolar ferromagnetic fluid flow due to stretching of an elastic sheet. <i>Afrika Matematika</i> , 2014, 25, 667-679.	0.8	5
13	Heat and mass transfer from an isothermal wedge in nanofluids with Soret effect. <i>European Physical Journal Plus</i> , 2014, 129, 1.	2.6	9
14	Linear and nonlinear stability analysis of binary viscoelastic fluid convection. <i>Applied Mathematical Modelling</i> , 2013, 37, 8162-8178.	4.2	20
15	Double diffusive magneto-convection in viscoelastic fluids. <i>International Journal of Heat and Mass Transfer</i> , 2013, 67, 194-201.	4.8	27
16	Free magnetohydrodynamic flow and convection from a vertical spinning cone with cross-diffusion effects. <i>Applied Mathematical Modelling</i> , 2013, 37, 2662-2678.	4.2	11
17	Viscous Dissipation and Thermal Radiation Effects on Mixed Convection from a Vertical Plate in a Non-Darcy Porous Medium. <i>Transport in Porous Media</i> , 2013, 96, 419-428.	2.6	7
18	Soret Effect on the Natural Convection From a Vertical Plate in a Thermally Stratified Porous Medium Saturated With Non-Newtonian Liquid. <i>Journal of Heat Transfer</i> , 2013, 135, .	2.1	11

#	ARTICLE	IF	CITATIONS
19	Double diffusive convection due to a horizontal wavy surface in a porous medium. , 2012, , .		2
20	Hydromagnetic nanofluid flow due to a stretching or shrinking sheet with viscous dissipation and chemical reaction effects. International Journal of Heat and Mass Transfer, 2012, 55, 7587-7595.	4.8	164
21	On double-diffusive convection and cross diffusion effects on a horizontal wavy surface in a porous medium. Boundary Value Problems, 2012, 2012, 88.	0.7	12
22	Laminar flow of a nanoliquid film over an unsteady stretching sheet. International Journal of Heat and Mass Transfer, 2012, 55, 7552-7560.	4.8	56
23	On the Solution of Double-Diffusive Convective Flow due to a Cone by a Linearization Method. Journal of Applied Mathematics, 2012, 2012, 1-19.	0.9	5
24	Linear and nonlinear stability analysis of binary Maxwell fluid convection in a porous medium. Heat and Mass Transfer, 2012, 48, 863-874.	2.1	12
25	Numerical solution of the momentum and heat transfer equations for a hydromagnetic flow due to a stretching sheet of a non-uniform property micropolar liquid. Applied Mathematics and Computation, 2011, 217, 5895-5909.	2.2	16
26	HEAT TRANSFER DUE TO MHD SLIP FLOW OF A SECOND-GRADE LIQUID OVER A STRETCHING SHEET THROUGH A POROUS MEDIUM WITH NONUNIFORM HEAT SOURCE/SINK. Chemical Engineering Communications, 2010, 198, 191-213.	2.6	22
27	Effects of thermal buoyancy and variable thermal conductivity on the MHD flow and heat transfer in a power-law fluid past a vertical stretching sheet in the presence of a non-uniform heat source. International Journal of Non-Linear Mechanics, 2009, 44, 1-12.	2.6	61
28	Flow and heat transfer in a power-law fluid over a stretching sheet with variable thermal conductivity and non-uniform heat source. International Journal of Heat and Mass Transfer, 2009, 52, 2902-2913.	4.8	83
29	Heat transfer in a liquid film over an unsteady stretching surface with viscous dissipation in presence of external magnetic field. Applied Mathematical Modelling, 2009, 33, 3430-3441.	4.2	128
30	Heat transfer in MHD viscoelastic fluid flow over a stretching sheet with variable thermal conductivity, non-uniform heat source and radiation. Applied Mathematical Modelling, 2008, 32, 1965-1983.	4.2	250