

# B Shankar Goud

## List of Publications by Year in descending order

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36  
papers

1,069  
citations

430874

18  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of inclined magnetic field on flow, heat and mass transfer of Williamson nanofluid over a stretching sheet. <i>Case Studies in Thermal Engineering</i> , 2021, 23, 100819.	5.7	119
2	Thermal radiation impact on MHD heat transfer natural convective nano fluid flow over an impulsively started vertical plate. <i>Case Studies in Thermal Engineering</i> , 2021, 24, 100826.	5.7	107
3	Radiation effect on MHD Casson fluid flow over an inclined non-linear surface with chemical reaction in a Forchheimer porous medium. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 8207-8220.	6.4	62
4	Effectiveness of Nonuniform Heat Generation (Sink) and Thermal Characterization of a Carreau Fluid Flowing across a Nonlinear Elongating Cylinder: A Numerical Study. <i>ACS Omega</i> , 2022, 7, 25309-25320.	3.5	55
5	Effects of sores, dufour, hall current and rotation on MHD natural convective heat and mass transfer flow past an accelerated vertical plate through a porous medium. <i>International Journal of Thermofluids</i> , 2021, 9, 100061.	7.8	51
6	Heat generation/absorption influence on steady stretched permeable surface on MHD flow of a micropolar fluid through a porous medium in the presence of variable suction/injection. <i>International Journal of Thermofluids</i> , 2020, 7-8, 100044.	7.8	50
7	Irregular heat source impact on carreau nanofluid flowing via exponential expanding cylinder: A thermal case study. <i>Case Studies in Thermal Engineering</i> , 2022, 36, 102171.	5.7	45
8	Effect of thermal radiation on magnetohydrodynamics heat transfer micropolar fluid flow over a vertical moving porous plate. <i>Experimental and Computational Multiphase Flow</i> , 2023, 5, 149-158.	3.9	44
9	Effect of Heat source on an unsteady MHD free convection flow of Casson fluid past a vertical oscillating plate in porous medium using finite element analysis. <i>Partial Differential Equations in Applied Mathematics</i> , 2020, 2, 100015.	2.4	37
10	Heat generation/absorption on MHD flow of a micropolar fluid over a heated stretching surface in the presence of the boundary parameter. <i>Heat Transfer</i> , 2021, 50, 6129-6147.	3.0	37
11	Thermal radiation and Joule heating effects on a magnetohydrodynamic Casson nanofluid flow in the presence of chemical reaction through a non-linear inclined porous stretching sheet. <i>Journal of Naval Architecture and Marine Engineering</i> , 2020, 17, 143-164.	1.2	37
12	Transport properties of a hydromagnetic radiative stagnation point flow of a nanofluid across a stretching surface. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101839.	5.7	34
13	Finite element Soret Dufour effects on an unsteady MHD heat and mass transfer flow past an accelerated inclined vertical plate. <i>Heat Transfer</i> , 2021, 50, 8553-8578.	3.0	32
14	Ohmic heating and chemical reaction effect on MHD flow of micropolar fluid past a stretching surface. <i>Partial Differential Equations in Applied Mathematics</i> , 2021, 4, 100104.	2.4	30
15	2D mixed convection non-Darcy model with radiation effect in a nanofluid over an inclined wavy surface. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 9965-9976.	6.4	29
16	Finite element study of Soret number effects on MHD flow of Jeffrey fluid through a vertical permeable moving plate. <i>Partial Differential Equations in Applied Mathematics</i> , 2020, 1, 100005.	2.4	28
17	Multiple slip effects on steady MHD flow past a non-isothermal stretching surface in presence of Soret, Dufour with suction/injection. <i>International Communications in Heat and Mass Transfer</i> , 2022, 134, 106024.	5.6	28
18	Influence of radiation and viscous dissipation on MHD heat transfer Casson nanofluid flow along a nonlinear stretching surface with chemical reaction. <i>Heat Transfer</i> , 2022, 51, 3495-3511.	3.0	26

#	ARTICLE	IF	CITATIONS
19	Influence of slip condition on transient laminar flow over an infinite vertical plate with ramped temperature in the presence of chemical reaction and thermal radiation. <i>Heat Transfer</i> , 2021, 50, 7654-7671.	3.0	23
20	Induced magnetic field effect on MHD free convection flow in nonconducting and conducting vertical microchannel walls. <i>Heat Transfer</i> , 2022, 51, 2201-2218.	3.0	22
21	Suction effect on the dynamics of EMHD casson nanofluid over an induced stagnation point flow of stretchable electromagnetic plate with radiation and chemical reaction. <i>Results in Engineering</i> , 2022, 15, 100518.	5.1	18
22	Chemical Reactive and Viscous Dissipative Flow of Magneto Nanofluid via Natural Convection by Employing Galerkin Finite Element Technique. <i>Coatings</i> , 2022, 12, 151.	2.6	17
23	MHD heat and mass transfer stagnation point nanofluid flow along a stretching sheet influenced by thermal radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 11991-12003.	3.6	17
24	Non-Newtonian electromagnetic fluid flow through a slanted parabolic started Riga surface with ramped energy. <i>Heat Transfer</i> , 2022, 51, 5589-5606.	3.0	15
25	Numerical Case Study of Chemical Reaction Impact on MHD Micropolar Fluid Flow Past over a Vertical Riga Plate. <i>Materials</i> , 2022, 15, 4060.	2.9	14
26	Radiation and heat absorption effects on an unsteady MHD boundary layer flow along an accelerated infinite vertical plate with ramped plate temperature in the existence of slip condition. <i>Partial Differential Equations in Applied Mathematics</i> , 2021, 4, 100166.	2.4	12
27	MHD heat transfer flow over a moving wedge with convective boundary conditions with the influence of viscous dissipation and internal heat generation/absorption. <i>Heat Transfer</i> , 2022, 51, 5015-5029.	3.0	11
28	Chemical Reaction and Mhd Flow for Magnetic Field Effect on Heat and Mass Transfer of Fluid Flow Through a Porous Medium Onto a Moving Vertical Plate. <i>International Journal of Applied Mechanics and Engineering</i> , 2022, 27, 226-244.	0.7	11
29	FEM to study the radiation, Soret, Dufour numbers effect on heat and mass transfer of magneto-Casson fluid over a vertical permeable plate in the presence of viscous dissipation. <i>Waves in Random and Complex Media</i> , 0, , 1-22.	2.7	11
30	Numerical Solution of Natural Convection on a Vertical Stretching Surface with Suction and Blowing. <i>International Journal of Heat and Technology</i> , 2021, 39, 1469-1474.	0.6	10
31	Joule heating and thermal radiation impact on MHD boundary layer Nanofluid flow along an exponentially stretching surface with thermal stratified medium. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2023, 237, 107-119.	0.6	9
32	RADIATION EFFECT ON MHD BOUNDARY LAYER FLOW DUE TO AN EXPONENTIALLY STRETCHING SHEET. <i>Advances in Mathematics: Scientific Journal (discontinued)</i> , 2020, 9, 10755-10761.	0.2	8
33	Numerical investigation of MHD flow of Williamson nanofluid with variable viscosity pasting a wedge within porous media: A non-Darcy model approach. <i>Heat Transfer</i> , 2022, 51, 6071-6086.	3.0	8
34	Impact of velocity slip and heat source on tangent hyperbolic nanofluid flow over an electromagnetic surface with Soret effect and variable suction/injection. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2023, 237, 645-657.	2.5	6
35	The Joule Heating Effect on MHD Natural Convective Fluid Flow In A Permeable Medium Over A Semi-Infinite Inclined Vertical Plate In The Presence Of The Chemical Reaction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 993, 012111.	0.6	4
36	Thermal radioactive influence on MHD free convection flow across a porous medium in a vertical surface with temperature. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2