

# Siva Reddy Sheri

## List of Publications by Year in descending order

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21  
papers

191  
citations

1163117

8  
h-index

1125743

13  
g-index

21  
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21  
docs citations

21  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hall current, chemical reaction, and radiation results on transient magnetohydrodynamic flow past an inclined plate: FEM. Heat Transfer, 2022, 51, 1876-1899.	3.0	2
2	Transient MHD flows through an exponentially accelerated isothermal vertical plate with Hall effect and chemical reaction effect: FEM. Partial Differential Equations in Applied Mathematics, 2021, 4, 100047.	2.4	6
3	Finite element approximation of MHD flow past a vertical plate in an embedded porous medium with a convective boundary condition and cross diffusion. AIP Conference Proceedings, 2020, , .	0.4	0
4	Heat and mass transfer effects on unsteady MHD flow a past an inclined plate embedded in porous medium in the presence of hall current and viscous dissipation. AIP Conference Proceedings, 2020, , .	0.4	0
5	Effect of Hall current and viscous dissipation on MHD flow over an exponentially accelerated plate with ramped temperature. AIP Conference Proceedings, 2020, , .	0.4	1
6	Soret and Dufour effects on MHD free convection flow past an impulsively moving vertical plate in the presence of inclined magnetic field. AIP Conference Proceedings, 2020, , .	0.4	3
7	Effect of viscous dissipation on natural convection flow past an impulsively moving vertical plate with ramped temperature. AIP Conference Proceedings, 2020, , .	0.4	2
8	Oscillatory dissipative conjugate heat and mass transfer in chemically reacting micropolar flow with wall couple stress: A finite element numerical study. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2019, 233, 48-64.	2.5	6
9	COMPUTATION OF TRANSIENT RADIATIVE REACTIVE THERMOSOLUTAL MAGNETOHYDRODYNAMIC CONVECTION IN INCLINED MHD HALL GENERATOR FLOW WITH DISSIPATION AND CROSS DIFFUSION. Computational Thermal Sciences, 2019, 11, 541-563.	0.9	14
10	Numerical study of heat transfer enhancement in MHD free convection flow over vertical plate utilizing nanofluids. Ain Shams Engineering Journal, 2018, 9, 1169-1180.	6.1	23
11	Heat and Mass Transfer Effects on Unsteady MHD Flow over an Inclined Porous Plate Embedded in Porous Medium with Soret and Dufour and Chemical Reaction. International Journal of Applied and Computational Mathematics, 2017, 3, 1289-1306.	1.6	7
12	Thermal-diffusion and diffusion-thermo effects on MHD natural convective flow through porous medium in a rotating system with ramped temperature. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 2451-2480.	2.8	8
13	Finite element computation of magnetohydrodynamic nanofluid convection from an oscillating inclined plate with radiative flux, heat source and variable temperature effects. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2017, 231, 179-194.	0.6	8
14	MHD natural convective flow of nanofluids past stationary and moving inclined porous plate considering temperature and concentration gradients with suction. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 1765-1794.	2.8	20
15	Finite element computation of transient dissipative double diffusive magneto-convective nanofluid flow from a rotating vertical porous surface in porous media. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2017, 231, 89-108.	0.6	2
16	Transient MHD free convective flow past an infinite vertical plate embedded in a porous medium with viscous dissipation. Meccanica, 2016, 51, 1057-1068.	2.0	16
17	Heat and Mass Transfer Effects on Natural Convection Flow in the Presence of Volume Fraction for Copper-Water Nanofluid. Journal of Nanofluids, 2016, 5, 220-230.	2.7	15
18	Transient Approach to Heat Absorption and Radiative Heat Transfer Past an Impulsively Moving Plate with Ramped Temperature. Procedia Engineering, 2015, 127, 893-900.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Heat and Mass Transfer on the MHD Flow of Micro Polar Fluid in the Presence of Viscous Dissipation and Chemical Reaction. <i>Procedia Engineering</i> , 2015, 127, 885-892.	1.2	28
20	Heat and mass transfer effect on MHD natural convection flow past a moving vertical plate. <i>Journal of Physics: Conference Series</i> , 2015, 662, 012013.	0.4	1
21	Soret Effect on Unsteady MHD Free Convective Flow Past a Semi-Infinite Vertical Plate in the Presence of Viscous Dissipation. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2015, 16, 132-141.	2.1	20