

Siva Reddy Sheri

List of Publications by Year in descending order

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154
citing authors

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

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19	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
20	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
21	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