M Veera Krishna

List of Publications by Year
in descending order

44 papers	2,841 citations	304743 22 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	510 citing authors

#	Article	IF	Citations
1	Hall and ion slip effects on MHD rotating flow of elastico-viscous fluid through porous medium. International Communications in Heat and Mass Transfer, 2020, 113, 104494.	5.6	331
2	Hall and ion slip effects on MHD rotating boundary layer flow of nanofluid past an infinite vertical plate embedded in a porous medium. Results in Physics, 2019, 15, 102652.	4.1	322
3	Hall and ion slip effects on unsteady MHD free convective rotating flow through a saturated porous medium over an exponential accelerated plate. AEJ - Alexandria Engineering Journal, 2020, 59, 565-577.	6.4	260
4	Radiative MHD flow of Casson hybrid nanofluid over an infinite exponentially accelerated vertical porous surface. Case Studies in Thermal Engineering, 2021, 27, 101229.	5.7	190
5	Investigations of Soret, Joule and Hall effects on MHD rotating mixed convective flow past an infinite vertical porous plate. Journal of Ocean Engineering and Science, 2019, 4, 263-275.	4.3	173
6	Hall and ion slip impacts on unsteady MHD convective rotating flow of heat generating/absorbing second grade fluid. AEJ - Alexandria Engineering Journal, 2021, 60, 845-858.	6.4	173
7	HALL EFFECTS ON MHD SQUEEZING FLOW OF A WATER-BASED NANOFLUID BETWEEN TWO PARALLEL DISKS. Journal of Porous Media, 2019, 22, 209-223.	1.9	166
8	Hall and ion slip effects on Unsteady MHD Convective Rotating flow of Nanofluids—Application in Biomedical Engineering. Journal of the Egyptian Mathematical Society, 2020, 28, .	1.2	145
9	HALL EFFECTS ON MHD PERISTALTIC FLOW OF JEFFREY FLUID THROUGH POROUS MEDIUM IN A VERTICAL STRATUM. Interfacial Phenomena and Heat Transfer, 2018, 6, 253-268.	0.8	105
10	Hall and ion slip impacts on unsteady MHD free convective rotating flow of Jeffreys fluid with ramped wall temperature. International Communications in Heat and Mass Transfer, 2020, 119, 104927.	5.6	101
11	MHD PERISTALTIC ROTATING FLOW OF A COUPLE STRESS FLUID THROUGH A POROUS MEDIUM WITHWALL AND SLIP EFFECTS. Special Topics and Reviews in Porous Media, 2019, 10, 245-258.	1.1	84
12	Hall and ion slip effects on MHD rotating flow of ciliary propulsion of microscopic organism through porous media. International Communications in Heat and Mass Transfer, 2020, 112, 104500.	5.6	75
13	Hall and ion slip effects on radiative MHD rotating flow of Jeffreys fluid past an infinite vertical flat porous surface with ramped wall velocity and temperature. International Communications in Heat and Mass Transfer, 2021, 126, 105399.	5.6	75
14	Hall and ion slip effects on magnetohydrodynamic convective rotating flow of Jeffreys fluid over an impulsively moving vertical plate embedded in a saturated porous medium with Ramped wall temperature. Numerical Methods for Partial Differential Equations, 2021, 37, 2150-2177.	3.6	65
15	Heat transport on steady MHD flow of copper and alumina nanofluids past a stretching porous surface. Heat Transfer, 2020, 49, 1374-1385.	3.0	58
16	Hall and ion slip effects on MHD free convective rotating flow bounded by the semi-infinite vertical porous surface. Heat Transfer, 2020, 49, 1920-1938.	3.0	53
17	Hall and ion slip effects on MHD laminar flow of an elastico-viscous (Walter's-B) fluid. Heat Transfer, 2020, 49, 2311-2329.	3.0	52
18	Thermal radiation, chemical reaction, Hall and ion slip effects on MHD oscillatory rotating flow of micro-polar liquid. AEJ - Alexandria Engineering Journal, 2021, 60, 3467-3484.	6.4	51

#	Article	IF	Citations
19	Numerical investigation on unsteady MHD convective rotating flow past an infinite vertical moving porous surface. Ain Shams Engineering Journal, 2021, 12, 2099-2109.	6.1	38
20	Radiation-absorption, chemical reaction, Hall and ion slip impacts on magnetohydrodynamic free convective flow over semi-infinite moving absorbent surface. Chinese Journal of Chemical Engineering, 2021, 34, 40-52.	3.5	38
21	Numerical investigation of chemical reaction, Soret and Dufour impacts on MHD free convective gyrating flow through a vertical porous channel. Case Studies in Thermal Engineering, 2021, 28, 101571.	5.7	35
22	Heat and Mass Transfer on Unsteady MHD Oscillatory Flow of Blood Through Porous Arteriole. Lecture Notes in Mechanical Engineering, 2018, , 207-224.	0.4	23
23	Hall Effects on Unsteady Magnetohydrodynamic Flow of a Nanofluid Past an Oscillatory Vertical Rotating Flat Plate Embedded in Porous Media. Journal of Nanofluids, 2021, 10, 259-269.	2.7	23
24	Radiation-Absorption and Dufour Effects on Magnetohydrodynamic Rotating Flow of a Nanofluid Over a Semi-Infinite Vertical Moving Plate with a Constant Heat Source. Journal of Nanofluids, 2020, 9, 177-186.	2.7	23
25	Peristaltic hemodynamic flow of couple stress fluid through a porous medium under the influence of magnetic field with slip effect. AIP Conference Proceedings, 2016, , .	0.4	22
26	Hall and ion slip effects on the MHD flow of Casson hybrid nanofluid past an infinite exponentially accelerated vertical porous surface. Waves in Random and Complex Media, 0, , 1-30.	2.7	20
27	MHD Forced Convective flow of Non-Newtonian fluid through Stumpy Permeable Porous medium. Materials Today: Proceedings, 2018, 5, 175-183.	1.8	19
28	Hall and ion‐slip effects on steady MHD free convective flow through a porous medium in a vertical microchannel. Heat Transfer, 2020, 49, 4264-4280.	3.0	18
29	Thermo-diffusion, chemical reaction, Hall and ion slip effects on MHD rotating flow of micro-polar fluid past an infinite vertical porous surface. International Journal of Ambient Energy, 2022, 43, 5344-5356.	2.5	17
30	Convective heat and mass transfer on MHD peristaltic flow of Williamson fluid with the effect of inclined magnetic field. AIP Conference Proceedings, 2016, , .	0.4	16
31	Heat and mass transfer on MHD rotating flow of a visco-elastic fluid through porous medium with time dependent oscillatory permeability. Journal of Analysis, 2019, 27, 643-662.	0.6	11
32	Heat and Mass Transfer on MHD Rotating Flow of Second Grade Fluid Past an Infinite Vertical Plate Embedded in Uniform Porous Medium with Hall Effects. Trends in Mathematics, 2019, , 417-427.	0.1	10
33	Thermodiffusion, chemical reaction, andÂHall and ion‐slip impacts on MHD rotating flow past an infinite vertical porous plate. Heat Transfer, 2021, 50, 8426-8452.	3.0	9
34	Analytical study of chemical reaction, Soret, Hall and ion slip effects on MHD flow past an infinite rotating vertical porous plate. Waves in Random and Complex Media, 0, , 1-27.	2.7	9
35	Unsteady MHD third-grade fluid past an absorbent high-temperature shrinking sheet packed with silver nanoparticles and non-linear radiation. Journal of Taibah University for Science, 2022, 16, 585-593.	2.5	8
36	Rotating MHD flow of second grade fluid through porous medium between two vertical plates with chemical reaction, radiation absorption, Hall, and ion slip impacts. Biomass Conversion and Biorefinery, 0, , .	4.6	7

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37	Hall effects on MHD chemically reacting flow of second grade fluid past a vertical porous plate. Heat Transfer, 2022, 51, 3696-3720.	3.0	4
38	Heat and mass transfer in MHD boundary layer flow of a second‐grade fluid past an infinite vertical permeable surface. Heat Transfer, 2021, 50, 6022-6042.	3.0	3
39	Hall effects on the unsteady MHD flow of the Rivlin‐Ericksen fluid past an infinite vertical porous plate. Waves in Random and Complex Media, 0, , 1-24.	2.7	3
40	Hall current effects on MHD flow of chemically reacting fluid through a porous medium with heat source. Heat Transfer, 2022, 51, 4123-4142.	3.0	2
41	Hall effects on MHD flow of a visco-elastic fluid through a porous medium over an infinite oscillating plate with heat source and chemical reaction. International Journal of Computer Aided Engineering and Technology, 2019, 11, 679.	0.2	1
42	Radiation Absorption on MHD Convective Flow of Nanofluids over a Moving Vertical Porous Plate. Lecture Notes in Mechanical Engineering, 2021, , 1013-1025.	0.4	1
43	Hall Effects on MHD Free Convective Flow Through Porous Medium in Vertical Channel. Lecture Notes in Mechanical Engineering, 2021, , 1027-1040.	0.4	1
44	Heat and mass transfer on unsteady MHD flow of Casson fluid over an infinite perpendicular absorbent plate with slip effects. Heat Transfer, 2022, 51, 6685-6704.	3.0	1