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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

643
citations

13
h-index

22
g-index

70
ext. papers

837
ext. citations

1.9
avg, IF

4.88
L-index

#	Paper	IF	Citations
58	MHD effects on heat transfer over stretching sheet embedded in porous medium with variable viscosity, viscous dissipation and heat source/sink. <i>Ain Shams Engineering Journal</i> , 2014 , 5, 967-977	4.4	72
57	MHD flow and heat transfer characteristics of Williamson nanofluid over a stretching sheet with variable thickness and variable thermal conductivity. <i>Transactions of A Razmadze Mathematical Institute</i> , 2017 , 171, 195-211		67
56	Unsteady flow of a Maxwell nanofluid over a stretching surface in the presence of magnetohydrodynamic and thermal radiation effects. <i>Propulsion and Power Research</i> , 2017 , 6, 31-40	3.6	56
55	Numerical analysis of higher order chemical reaction on electrically MHD nanofluid under influence of viscous dissipation. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 1861-1871	6.1	38
54	Bioconvection in nanofluid-saturated porous square cavity containing oxytactic microorganisms. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 1448-1465	4.5	28
53	MHD boundary layer flow and heat transfer in an inclined porous square cavity filled with nanofluids. <i>Ain Shams Engineering Journal</i> , 2017 , 8, 237-254	4.4	21
52	Radiation effects on unsteady MHD convective heat and mass transfer past a vertical plate with chemical reaction and viscous dissipation. <i>AEJ - Alexandria Engineering Journal</i> , 2015 , 54, 661-671	6.1	21
51	Soret and Dufour effects on free convective heat and solute transfer in fluid saturated inclined porous cavity 2015 , 18, 543-554		21
50	Heat transfer and entropy generation analysis of non-Newtonian flu flow through vertical microchannel with convective boundary condition. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019 , 40, 1285-1300	3.2	19
49	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 2387-2395	4.1	18
48	Finite element analysis of heat and mass transfer by MHD mixed convection stagnation-point flow of a non-Newtonian power-law nanofluid towards a stretching surface with radiation. <i>Journal of the Egyptian Mathematical Society</i> , 2016 , 24, 458-470	2.2	17
47	Boundary layer flow and heat transfer of a non-Newtonian nanofluid over a non-linearly stretching sheet. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2016 , 26, 2198-2217	4.5	15
46	Convection in Nanofluid-Filled Porous Cavity with Heat Absorption/Generation and Radiation. <i>Journal of Thermophysics and Heat Transfer</i> , 2017 , 31, 549-562	1.3	13
45	The impact of thermal stratification and heat generation/absorption on MHD carreau nano fluid flow over a permeable cylinder. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	13
44	Second law analysis of PowellByring fluid flow through an inclined microchannel with thermal radiation. <i>Physica Scripta</i> , 2019 , 94, 125205	2.6	13
43	Magnetohydrodynamic Mixed Convection Stagnation-Point Flow of a Power-Law Non-Newtonian Nanofluid towards a Stretching Surface with Radiation and Heat Source/Sink. <i>Journal of Fluids</i> , 2015 , 2015, 1-14		13
42	Finite Element Analysis of MHD Viscoelastic Nanofluid Flow over a Stretching Sheet with Radiation. <i>Procedia Engineering</i> , 2015 , 127, 432-439		11

41	SORET AND DUFOUR EFFECTS ON MHD NATURAL CONVECTIVE HEAT AND SOLUTE TRANSFER IN A FLUID-SATURATED POROUS CAVITY. <i>Journal of Porous Media</i> , 2016 , 19, 669-686	2.9	11
40	MHD boundary-layer flow of a non-Newtonian nanofluid past a stretching sheet with a heat source/sink. <i>Journal of Applied Mechanics and Technical Physics</i> , 2016 , 57, 908-915	0.6	11
39	MHD flow and heat transfer of Casson nanofluid over a wedge. <i>Mechanics and Industry</i> , 2017 , 18, 210	0.8	10
38	Magnetohydrodynamic convection in a porous square cavity filled by a nanofluid with viscous dissipation effects. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2019 , 233, 474-488	1.5	10
37	Unsteady MHD Flow of Heat and Mass Transfer of Nanofluids over Stretching Sheet with a Non-Uniform Heat/Source/Sink Considering Viscous Dissipation and Chemical Reaction. <i>International Journal of Engineering Research in Africa</i> , 2015 , 14, 1-12	0.7	9
36	MHD Natural Convection Heat Transfer in a Porous Square Cavity Filled by Nanofluids with Viscous Dissipation. <i>Journal of Nanofluids</i> , 2018 , 7, 928-938	2.2	8
35	MHD flow of a non-Newtonian nanofluid over a non-linearly stretching sheet in the presence of thermal radiation with heat source/sink. <i>Engineering Computations</i> , 2016 , 33, 1610-1626	1.4	8
34	Finite element analysis of magnetohydrodynamic transient free convection flow of nanofluid over a vertical cone with thermal radiation. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2016 , 230, 161-173	1.4	7
33	Finite element analysis of natural convective heat transfer in a porous square cavity filled with nanofluids in the presence of thermal radiation. <i>Journal of Physics: Conference Series</i> , 2015 , 662, 012017	0.3	7
32	Magneto-hydrodynamic mixed convection of a non-Newtonian power-law nanofluid past a moving vertical plate with variable density. <i>Journal of the Nigerian Mathematical Society</i> , 2016 , 35, 199-207	0	7
31	Influence of thermophoresis on heat and mass transfer under non-Darcy MHD mixed convection along a vertical flat plate embedded in a porous medium in the presence of radiation. <i>Thermophysics and Aeromechanics</i> , 2016 , 23, 97-108	0.9	7
30	Effect of viscous dissipation and radiation on MHD gas flow and heat and mass transfer over a stretching surface with a uniform free stream. <i>Journal of Engineering Physics and Thermophysics</i> , 2012 , 85, 909-916	0.6	6
29	Investigation on natural convective flow of ethylene glycol nanofluid containing nanoparticles Fe3O4 in a porous cavity with radiation 2020 ,		6
28	Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity. <i>Heat Transfer</i> , 2021 , 50, 5123-5147	3.1	6
27	Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation. <i>Multidiscipline Modeling in Materials and Structures</i> , 2020 , 16, 1521-1538	2.2	5
26	Second law analysis of MHD third-grade fluid flow through the microchannel 2021 , 95, 1		5
25	Thermal analysis of MHD Williamson fluid flow through a microchannel. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 127, 105582	5.8	5
24	Optimal Homotopy Asymptotic Solution for Cross-Diffusion Effects on Slip Flow and Heat Transfer of Electrical MHD Non-Newtonian Fluid Over a Slendering Stretching Sheet. <i>International Journal of Applied and Computational Mathematics</i> , 2019 , 5, 1	1.3	4

23	Effects of Variable Viscosity and Thermal Conductivity on MHD Boundary Layer Flow of Nanofluid with Thermal Radiation. <i>Journal of Nanofluids</i> , 2017 , 6, 59-70	2.2	4
22	Magnetohydrodynamic Nanofluid Flow and Heat Transfer in a Porous Cavity Containing Heated Surface. <i>Journal of Nanofluids</i> , 2019 , 8, 577-588	2.2	4
21	Velocity and Curvature Slip Impacts on Casson Nanofluid Flow Over an Inclined Magnetic Permeable Stretching Cylinder. <i>Journal of Nanofluids</i> , 2019 , 8, 830-837	2.2	4
20	MAGNETOHYDRODYNAMIC FLOW AND HEAT TRANSFER TO SIKKO NANOFLUID OVER A WEDGE. <i>International Journal of Fluid Mechanics Research</i> , 2017 , 44, 1-13	4.3	4
19	Numerical analysis of Carreau fluid flow over a vertical porous microchannel with entropy generation. <i>Partial Differential Equations in Applied Mathematics</i> , 2022 , 5, 100304	0.8	4
18	Finite element analysis for unsteady MHD heat and mass transfer free convection flow of polar fluids past a vertical moving porous plate in a porous medium with heat generation and thermal diffusion. <i>Journal of Naval Architecture and Marine Engineering</i> , 2014 , 11, 69-82	1.4	3
17	Non-Darcy Natural Convection MHD Flow for Nanofluid Over a Stretching Sheet with Thermal Radiation. <i>Journal of Nanofluids</i> , 2019 , 8, 1295-1304	2.2	3
16	Thermal analysis of MHD PowellEyring fluid flow through a vertical microchannel. <i>International Journal of Ambient Energy</i> , 1-9	2	3
15	Unsteady flow of a Carreau fluid over a shrinking cylinder in the occurrence of various parameter effects 2019 ,		2
14	Electrical MHD Viscoelastic Nanofluid Flow and Heat Transfer Over a Stretching Sheet with Convective Boundary Condition. Optimal Homotopy Asymptotic Method Analysis. <i>Journal of Nanofluids</i> , 2019 , 8, 317-326	2.2	2
13	MHD Mixed Convective Heat and Mass Transfer through a Stratified Nanofluid Flow Over a Thermal Radiative Stretching Cylinder 2016 , 5, 40-57		2
12	Thermal radiation effects on magneto hydro dynamic flow and heat transfer in a channel with porous walls of different permeability. <i>Thermal Science</i> , 2014 , 18, 563-572	1.2	2
11	Effects of heat source/sink on magnetohydrodynamic flow and heat transfer of a non-Newtonian power-law fluid on a stretching surface. <i>Thermal Science</i> , 2016 , 20, 1801-1811	1.2	2
10	Soret and Dufour Effects on the Boundary Layer Radiative MHD Nanofluid Flow Over a Vertical Plate with Chemical Reaction. <i>Journal of Nanofluids</i> , 2017 , 6, 97-104	2.2	2
9	Variable viscosity effects on mixed convection heat and mass transfer along a semi-infinite vertical plate in the presence of chemical reaction and viscous dissipation. <i>International Journal of Engineering, Science and Technology</i> , 2016 , 7, 27-42	1.4	1
8	Viscous and Ohmic dissipation on non-Darcy MHD nanofluid mixed convection flow in porous medium with suction/injection effects. <i>Journal of Physics: Conference Series</i> , 2019 , 1172, 012014	0.3	1
7	Suction/Injection Effects on MHD Flow of a Non-Newtonian Power-Law Fluid Past a Continuously Moving Porous Flat Plate with Heat Flux and Viscous Dissipation. <i>International Journal of Applied and Computational Mathematics</i> , 2017 , 3, 2389-2408	1.3	1
6	Scaling group analysis on MHD effects on heat transfer near a stagnation point on a linearly stretching sheet with variable viscosity and thermal conductivity, viscous dissipation and heat source/sink. <i>Theoretical and Applied Mechanics</i> , 2015 , 42, 111-133	0.4	1

5	Second Law Analysis of MHD Micropolar Fluid Flow through a Porous Microchannel with Multiple Slip and Convective Boundary Conditions. <i>Defect and Diffusion Forum</i> ,409, 123-141	0.7	1
4	Radiative Newtonian Carreau nanofluid through stretching cylinder considering the first-order chemical reaction. <i>International Journal of Ambient Energy</i> ,1-9	2	1
3	Irreversibility analysis of radiative heat transport of Williamson material over a lubricated surface with viscous heating and internal heat source. <i>Heat Transfer</i> ,	3.1	1
2	Impact of convective heat transfer and buoyancy on micropolar fluid flow through a porous shrinking sheet: An FEM approach. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> ,095440622110456	1.3	1
1	Modelling Entropy in Magnetized Flow of Eyring-Powell Nanofluid through Nonlinear Stretching Surface with Chemical Reaction: A Finite Element Method Approach. <i>Nanomaterials</i> , 2022 , 12, 1811	5.4	1