

# NKishan

## List of Publications by Year in descending order

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70  
papers

1,088  
citations

566801

15  
h-index

500791

28  
g-index

71  
all docs

71  
docs citations

71  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsteady flow of a Maxwell nanofluid over a stretching surface in the presence of magnetohydrodynamic and thermal radiation effects. Propulsion and Power Research, 2017, 6, 31-40.	2.0	111
2	MHD effects on heat transfer over stretching sheet embedded in porous medium with variable viscosity, viscous dissipation and heat source/sink. Ain Shams Engineering Journal, 2014, 5, 967-977.	3.5	105
3	MHD flow and heat transfer characteristics of Williamson nanofluid over a stretching sheet with variable thickness and variable thermal conductivity. Transactions of A Razmadze Mathematical Institute, 2017, 171, 195-211.	0.7	102
4	Numerical analysis of higher order chemical reaction on electrically MHD nanofluid under influence of viscous dissipation. AEJ - Alexandria Engineering Journal, 2021, 60, 1861-1871.	3.4	85
5	Bioconvection in nanofluid-saturated porous square cavity containing oxytactic microorganisms. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 1448-1465.	1.6	44
6	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact. Journal of Thermal Analysis and Calorimetry, 2020, 140, 2387-2395.	2.0	39
7	Radiation effects on unsteady MHD convective heat and mass transfer past a vertical plate with chemical reaction and viscous dissipation. AEJ - Alexandria Engineering Journal, 2015, 54, 661-671.	3.4	33
8	MHD boundary layer flow and heat transfer in an inclined porous square cavity filled with nanofluids. Ain Shams Engineering Journal, 2017, 8, 237-254.	3.5	29
9	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. Journal of the Egyptian Mathematical Society, 2016, 24, 458-470.	0.6	28
10	Soret and Dufour effects on free convective heat and solute transfer in fluid saturated inclined porous cavity. Engineering Science and Technology, an International Journal, 2015, 18, 543-554.	2.0	27
11	Second law analysis of Powellâ€Eyring fluid flow through an inclined microchannel with thermal radiation. Physica Scripta, 2019, 94, 125205.	1.2	27
12	Heat transfer and entropy generation analysis of non-Newtonian flu flow through vertical microchannel with convective boundary condition. Applied Mathematics and Mechanics (English) Tj ETQq0 0 0 rgBI. Overlock 10 Tf 50		
13	Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation. Multidiscipline Modeling in Materials and Structures, 2020, 16, 1521-1538.	0.6	19
14	The impact of thermal stratification and heat generation/absorption on MHD carreau nano fluid flow over a permeable cylinder. SN Applied Sciences, 2020, 2, 1.	1.5	19
15	Thermal analysis of MHD Williamson fluid flow through a microchannel. International Communications in Heat and Mass Transfer, 2021, 127, 105582.	2.9	19
16	Boundary layer flow and heat transfer of a non-Newtonian nanofluid over a non-linearly stretching sheet. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 2198-2217.	1.6	18
17	Convection in Nanofluid-Filled Porous Cavity with Heat Absorption/Generation and Radiation. Journal of Thermophysics and Heat Transfer, 2017, 31, 549-562.	0.9	18
18	Second law analysis of MHD third-grade fluid flow through the microchannel. Pramana - Journal of Physics, 2021, 95, 1.	0.9	17

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19	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.	1.4	15
20	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.	1.3	15
21	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.	1.4	14
22	Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity. <i>Heat Transfer</i> , 2021, 50, 5123-5147.	1.7	14
23	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.	1.0	14
24	Finite Element Analysis of MHD Viscoelastic Nanofluid Flow over a Stretching Sheet with Radiation. <i>Procedia Engineering</i> , 2015, 127, 432-439.	1.2	13
25	Thermal analysis of MHD Powell-Eyring fluid flow through a vertical microchannel. <i>International Journal of Ambient Energy</i> , 2022, 43, 4454-4462.	1.4	13
26	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.	0.1	12
27	MHD flow and heat transfer of Casson nanofluid over a wedge. <i>Mechanics and Industry</i> , 2017, 18, 210.	0.5	12
28	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.	1.4	12
29	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.	1.9	12
30	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> , 0, 14, 1-12.	0.7	11
31	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.	0.1	11
32	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	10
33	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.	0.5	10
34	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.	0.7	9
35	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.	0.2	7
36	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.	0.1	7

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37	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.	0.9	7
38	Investigation on natural convective flow of ethylene glycol nanofluid containing nanoparticles Fe <sub>3</sub> O <sub>4</sub> in a porous cavity with radiation. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	7
39	Irreversibility analysis of radiative heat transport of Williamson material over a lubricated surface with viscous heating and internal heat source. <i>Heat Transfer</i> , 2022, 51, 395-412.	1.7	7
40	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.	1.4	7
41	MAGNETOHYDRODYNAMIC FLOW AND HEAT TRANSFER TO SISO NANOFLUID OVER A WEDGE. <i>International Journal of Fluid Mechanics Research</i> , 2017, 44, 1-13.	0.4	7
42	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.	1.4	6
43	Magnetohydrodynamic Nanofluid Flow and Heat Transfer in a Porous Cavity Containing Heated Surface. <i>Journal of Nanofluids</i> , 2019, 8, 577-588.	1.4	6
44	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.	0.9	4
45	Unsteady flow of a Carreau fluid over a shrinking cylinder in the occurrence of various parameter effects. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
46	Radiative Newtonian Carreau nanofluid through stretching cylinder considering the first-order chemical reaction. <i>International Journal of Ambient Energy</i> , 0, , 1-9.	1.4	4
47	Mhd Flow and Heat Transfer of a Non-Newtonian Power-Law Fluid Past a Stretching Sheet With Suction/Injection and Viscous Dissipation. <i>International Journal of Applied Mathematical Research</i> , 2012, 1, .	0.2	4
48	MHD Mixed Convective Heat and Mass Transfer through a Stratified Nanofluid Flow Over a Thermal Radiative Stretching Cylinder. <i>International Journal of Mathematical Research</i> , 2016, 5, 40-57.	0.2	4
49	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.	0.5	4
50	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> , 0, , 095440622110456.	1.1	4
51	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.	0.9	3
52	Electrical MHD Viscoelastic Nanofluid Flow and Heat Transfer Over a Stretching Sheet with Convective Boundary Condition. <i>Optimal Homotopy Asymptotic Method Analysis. Journal of Nanofluids</i> , 2019, 8, 317-326.	1.4	3
53	Non-Darcy Natural Convection MHD Flow for Nanofluid Over a Stretching Sheet with Thermal Radiation. <i>Journal of Nanofluids</i> , 2019, 8, 1295-1304.	1.4	3
54	BOUNDARY LAYER FLOW OF VISCOELASTIC NANOFLUID OVER A WEDGE IN THE PRESENCE OF BUOYANCY FORCE EFFECTS. <i>Computational Thermal Sciences</i> , 2017, 9, 257-267.	0.5	3

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55	MHD Boundary Layer Flow of Non-Newtonian Power-Law Nanofluid with Thermal Radiation. Journal of Nanofluids, 2019, 8, 84-93.	1.4	3
56	Second Law Analysis of MHD Micropolar Fluid Flow through a Porous Microchannel with Multiple Slip and Convective Boundary Conditions. Defect and Diffusion Forum, 0, 409, 123-141.	0.4	2
57	Effects of Nonlinear Thermal Radiation on Unsteady MHD Flow of Carreau Nanofluid Induced by a Permeable Stretching Sheet with Chemical Reaction. Journal of Nanofluids, 2018, 7, 358-370.	1.4	2
58	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. Theoretical and Applied Mechanics, 2015, 42, 111-133.	0.1	2
59	Effects of heat source/sink on magnetohydrodynamic flow and heat transfer of a non-Newtonian power-law fluid on a stretching surface. Thermal Science, 2016, 20, 1801-1811.	0.5	2
60	Soret and Dufour Effects on the Boundary Layer Radiative MHD Nanofluid Flow Over a Vertical Plate with Chemical Reaction. Journal of Nanofluids, 2017, 6, 97-104.	1.4	2
61	Cyrotactic microorganisms bioconvection in combined convective magnetohydrodynamic Casson nanofluid flow over a vertically surfaced saturated porous media with variable viscosity. Heat Transfer, 2022, 51, 5206-5227.	1.7	2
62	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. International Journal of Engineering, Science and Technology, 2016, 7, 27-42.	0.3	1
63	Viscous and Ohmic dissipation on non-Darcy MHD nanofluid mixed convection flow in porous medium with suction/injection effects. Journal of Physics: Conference Series, 2019, 1172, 012014.	0.3	1
64	MHD Mixed Convection Non-Darcy Porous Medium Saturated with a Nanofluid Under the Influence Radiation. Journal of Nanofluids, 2016, 5, 302-309.	1.4	1
65	MHD Boundary Layer Flow of Casson Nanofluid Over a Non Linear Stretching Sheet with Viscous Dissipation and Convective Condition. Journal of Nanofluids, 2016, 5, 870-879.	1.4	1
66	MHD Stagnation Point Flow of a Nanofluid Towards a Radially Stretching Convectively Heated Disk with Viscous Dissipation. Journal of Nanofluids, 2017, 6, 182-188.	1.4	1
67	MHD and Thermal Radiation Effects on Channel Flow of Nanofluid with Nanoparticles in Different Shapes. Journal of Applied Nonlinear Dynamics, 2021, 10, 329-338.	0.1	0
68	MHD CONVECTION SLIP FLOW OF A THERMOSOLUTAL NANOFLUID IN A SATURATED POROUS MEDIA OVER A RADIATING STRETCHING SHEET WITH HEAT SOURCE/SINK. Advances and Applications in Fluid Mechanics, 2015, 18, 177-198.	0.1	0
69	Effects of MHD and Thermal Radiation of Nanofluid Over a Non-Linear Stretching Isothermal Permeable Sheet with Transpiration. Journal of Nanofluids, 2016, 5, 74-81.	1.4	0
70	Double-Diffusive Convection in Bidisperse Porous Medium with Coriolis Effect. Mathematical and Computational Applications, 2022, 27, 56.	0.7	0