

# Wubshet Ibrahim

## List of Publications by Year in descending order

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73  
papers

2,081  
citations

304368

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h-index

264894

42  
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73  
docs citations

73  
times ranked

950  
citing authors

#	ARTICLE	IF	CITATIONS
1	MHD boundary layer flow and heat transfer of a nanofluid past a permeable stretching sheet with velocity, thermal and solutal slip boundary conditions. <i>Computers and Fluids</i> , 2013, 75, 1-10.	1.3	263
2	MHD stagnation point flow and heat transfer due to nanofluid towards a stretching sheet. <i>International Journal of Heat and Mass Transfer</i> , 2013, 56, 1-9.	2.5	236
3	The effect of double stratification on boundary-layer flow and heat transfer of nanofluid over a vertical plate. <i>Computers and Fluids</i> , 2013, 86, 433-441.	1.3	215
4	Magnetohydrodynamic Stagnation Point Flow and Heat Transfer of Casson Nanofluid Past a Stretching Sheet with Slip and Convective Boundary Condition. <i>Journal of Aerospace Engineering</i> , 2016, 29, .	0.8	83
5	Magnetohydrodynamics (MHD) flow of a tangent hyperbolic fluid with nanoparticles past a stretching sheet with second order slip and convective boundary condition. <i>Results in Physics</i> , 2017, 7, 3723-3731.	2.0	68
6	MHD slip flow of upper-convected Maxwell nanofluid over a stretching sheet with chemical reaction. <i>Journal of the Egyptian Mathematical Society</i> , 2020, 28, .	0.6	56
7	Magnetohydrodynamic stagnation point flow of a power-law nanofluid towards a convectively heated stretching sheet with slip. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2016, 230, 345-354.	1.4	55
8	The effect of induced magnetic field and convective boundary condition on MHD stagnation point flow and heat transfer of upper-convected Maxwell fluid in the presence of nanoparticle past a stretching sheet. <i>Propulsion and Power Research</i> , 2016, 5, 164-175.	2.0	51
9	Magnetohydrodynamic (MHD) boundary layer stagnation point flow and heat transfer of a nanofluid past a stretching sheet with melting. <i>Propulsion and Power Research</i> , 2017, 6, 214-222.	2.0	48
10	Finite element solution of nonlinear convective flow of Oldroyd-B fluid with Cattaneo-Christov heat flux model over nonlinear stretching sheet with heat generation or absorption. <i>Propulsion and Power Research</i> , 2020, 9, 304-315.	2.0	47
11	MHD boundary layer flow and heat transfer of micropolar fluid past a stretching sheet with second order slip. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 791-799.	0.8	44
12	Magnetohydrodynamic (MHD) stagnation point flow of nanofluid past a stretching sheet with convective boundary condition. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 1155-1164.	0.8	43
13	Nonlinear convection flow of Williamson nanofluid past a radially stretching surface. <i>AIP Advances</i> , 2019, 9, .	0.6	42
14	Unsteady MHD boundary-layer flow and heat transfer due to stretching sheet in the presence of heat source or sink. <i>Computers and Fluids</i> , 2012, 70, 21-28.	1.3	41
15	Magnetohydrodynamic (MHD) Boundary Layer Flow Past a Wedge with Heat Transfer and Viscous Effects of Nanofluid Embedded in Porous Media. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-12.	0.6	41
16	MHD Slip Flow of CNT-Ethylene Glycol Nanofluid due to a Stretchable Rotating Disk with Cattaneo-Christov Heat Flux Model. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	0.6	41
17	Magnetohydrodynamic Boundary Layer Flow and Heat Transfer of a Nanofluid Over Non-Isothermal Stretching Sheet. <i>Journal of Heat Transfer</i> , 2014, 136, .	1.2	35
18	Three dimensional rotating flow of Powell-Eyring nanofluid with non-Fourier's heat flux and non-Fick's mass flux theory. <i>Results in Physics</i> , 2018, 8, 569-577.	2.0	35

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19	Boundary-Layer Flow and Heat Transfer of Nanofluid Over a Vertical Plate With Convective Surface Boundary Condition. Journal of Fluids Engineering, Transactions of the ASME, 2012, 134, .	0.8	32
20	Finite Element Method Solution of Boundary Layer Flow of Powell-Eyring Nanofluid over a Nonlinear Stretching Surface. Journal of Applied Mathematics, 2019, 2019, 1-16.	0.4	30
21	Mixed convection flow of viscoelastic $Ag-Al_2O_3$ /water hybrid nanofluid past a rotating disk. Physica Scripta, 2021, 96, 125205.	1.2	27
22	Nonlinear radiative heat transfer in magnetohydrodynamic (MHD) stagnation point flow of nanofluid past a stretching sheet with convective boundary condition. Propulsion and Power Research, 2015, 4, 230-239.	2.0	26
23	The Investigation of MHD Williamson Nanofluid over Stretching Cylinder with the Effect of Activation Energy. Advances in Mathematical Physics, 2020, 2020, 1-16.	0.4	26
24	Double-Diffusive in Mixed Convection and MHD Stagnation Point Flow of Nanofluid Over a Stretching Sheet. Journal of Nanofluids, 2015, 4, 28-37.	1.4	26
25	Magnetohydrodynamic(MHD) Boundary Layer Flow of Eyring-Powell Nanofluid Past Stretching Cylinder With Cattaneo-Christov Heat Flux Model. Nonlinear Engineering, 2019, 8, 303-317.	1.4	24
26	Spectral relaxation method analysis of Casson nanofluid flow over stretching cylinder with variable thermal conductivity and Cattaneo-Christov heat flux model. Heat Transfer, 2020, 49, 3433-3455.	1.7	22
27	Nonlinear mixed convection flow of a tangent hyperbolic fluid with activation energy. Heat Transfer, 2020, 49, 2427-2448.	1.7	20
28	Three-Dimensional MHD Mixed Convection Flow of Casson Nanofluid with Hall and Ion Slip Effects. Mathematical Problems in Engineering, 2020, 2020, 1-15.	0.6	20
29	Effects of Second-Order Slip Flow and Variable Viscosity on Natural Convection Flow of $CNTs/Fe$ . Mathematical Problems in Engineering, 2021, 2021, 1-18.	0.6	18
30	Genetic Programming-Based Feature Selection for Emotion Classification Using EEG Signal. Journal of Healthcare Engineering, 2022, 2022, 1-6.	1.1	18
31	Viscous dissipation effect on Williamson nanofluid over stretching/shrinking wedge with thermal radiation and chemical reaction. Journal of Physics Communications, 2020, 4, 045015.	0.5	17
32	Analysis of flow of visco-elastic nanofluid with third order slips flow condition, Cattaneo-Christov heat and mass diffusion model. Propulsion and Power Research, 2021, 10, 180-193.	2.0	17
33	Modeling and simulation of hybrid Casson nanofluid mixed convection in a partly heated trapezoidal enclosure. International Journal of Thermofluids, 2022, 15, 100166.	4.0	17
34	Nonlinear Convection Flow of Micropolar Nanofluid due to a Rotating Disk with Multiple Slip Flow. Mathematical Problems in Engineering, 2020, 2020, 1-19.	0.6	16
35	Mixed convection flow of Oldroyd-B nano fluid with Cattaneo-Christov heat and mass flux model with third order slip. AIP Advances, 2019, 9, .	0.6	15
36	The Effect of Induced Magnetic Field and Convective Boundary Condition on MHD Stagnation Point Flow and Heat Transfer of Nanofluid Past a Stretching Sheet. IEEE Nanotechnology Magazine, 2015, 14, 178-186.	1.1	14

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37	Finite element analysis of mixed convection flow in a trapezoidal cavity with non-uniform temperature. Heliyon, 2021, 7, e05933.	1.4	14
38	EEG-Based Personality Prediction Using Fast Fourier Transform and DeepLSTM Model. Computational Intelligence and Neuroscience, 2021, 2021, 1-10.	1.1	14
39	Tangent hyperbolic nanofluid with mixed convection flow: An application of improved Fourier and Fick's diffusion model. Heat Transfer - Asian Research, 2019, 48, 4217-4239.	2.8	13
40	Finite element method solution of mixed convection flow of Williamson nanofluid past a radially stretching sheet. Heat Transfer, 2020, 49, 800-822.	1.7	13
41	Mixed convection flow of nanofluid with Hall and ion-slip effects using spectral relaxation method. Journal of the Egyptian Mathematical Society, 2019, 27, .	0.6	12
42	Melting and viscous dissipation effect on upper-convected Maxwell and Williamson nanofluid. Engineering Reports, 2020, 2, e12159.	0.9	12
43	Entropy production on couple-stress hybrid nanofluid flow in a rocket engine nozzle with non-Fourier's and non-Fick's law. Ain Shams Engineering Journal, 2023, 14, 101818.	3.5	12
44	Mixed convection hybrid nanofluids flow of MWCNTs-Al <sub>2</sub> O <sub>3</sub> /engine oil over a spinning cone with variable viscosity and thermal conductivity. Heat Transfer, 2021, 50, 3776-3799.	1.7	11
45	Entropy generation analysis of three dimensional mixed convection flow of couple stress nanofluid with non-Fourier's heat and non-Fick's mass flux model. AEJ - Alexandria Engineering Journal, 2022, 61, 8843-8857.	3.4	11
46	Numerical solution of micropolar nanofluids with Soret, Dufor effects and multiple slip conditions. Journal of Physics Communications, 2020, 4, 015016.	0.5	10
47	Viscous dissipation effect on mixed convective heat transfer of MHD flow of Williamson nanofluid over a stretching cylinder in the presence of variable thermal conductivity and chemical reaction. Heat Transfer, 2021, 50, 2427-2453.	1.7	10
48	Magnetohydrodynamic flow of a nanofluid due to a non-linearly curved stretching surface with high order slip flow. Heat Transfer - Asian Research, 2019, 48, 3724-3748.	2.8	9
49	Non-linear convection flow of micro polar nanofluid past an isothermal sphere. Journal of Physics Communications, 2019, 3, 115017.	0.5	8
50	Dusty Nanofluid Past a Centrifugally Stretching Surface. Mathematical Problems in Engineering, 2020, 2020, 1-16.	0.6	8
51	Dynamics of flow in trapezoidal enclosure having a heated inner circular cylinder containing Casson nanofluid. Heliyon, 2021, 7, e07683.	1.4	8
52	MHD Nonlinear Mixed Convection Flow of Micropolar Nanofluid over Nonisothermal Sphere. Mathematical Problems in Engineering, 2020, 2020, 1-20.	0.6	7
53	Mixed convection flow of a Maxwell nanofluid with Hall and ion-slip impacts employing the spectral relaxation method. Heat Transfer, 2020, 49, 3094-3118.	1.7	7
54	Nonlinear convective boundary layer flow of micropolar couple stress nanofluids past permeable stretching sheet using Cattaneo-Christov heat and mass flux model. Heat Transfer, 2020, 49, 2521-2550.	1.7	7

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55	Finite element analysis of couple stress micropolar nanofluid flow by non-Fourier's law heat flux model past stretching surface. Heat Transfer - Asian Research, 2019, 48, 3763-3789.	2.8	6
56	Hall and Ion Slip Effects on Mixed Convection Flow of Eyring-Powell Nanofluid over a Stretching Surface. Advances in Mathematical Physics, 2020, 2020, 1-16.	0.4	6
57	MHD nonlinear natural convection flow of a micropolar nanofluid past a nonisothermal rotating disk. Heat Transfer, 2021, 50, 564-595.	1.7	6
58	MAGNETOHYDRODYNAMIC(MHD) STAGNATION POINT FLOW AND HEAT TRANSFER OF UPPER-CONVECTED MAXWELL FLUID PAST A STRETCHING SHEET IN THE PRESENCE OF NANOPARTICLES WITH CONVECTIVE HEATING. Frontiers in Heat and Mass Transfer, 0, 7, .	0.1	6
59	Hall and ion-slip effects on mixed convection flow of Williamson nanofluid over a nonlinear porous stretching sheet with variable thermal conductivity. Heat Transfer, 2021, 50, 5627-5651.	1.7	5
60	Neural Network Method for Solving Time-Fractional Telegraph Equation. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	5
61	Thin Film Flow of Tangent Hyperbolic Fluid with Nonlinear Mixed Convection Flow and Entropy Generation. Mathematical Problems in Engineering, 2021, 2021, 1-16.	0.6	5
62	Magnetohydrodynamic Flow of Three-Dimensional Rotating Flow of Sisko Fluid Past Stretching Surface with Nanoparticles. Journal of Nanofluids, 2019, 8, 1412-1422.	1.4	5
63	Unsteady <sc>MHD</sc> Mixed Convective Boundary Layer Slip Flow and Heat Transfer with Thermal Radiation and Viscous Dissipation. Heat Transfer - Asian Research, 2014, 43, 412-426.	2.8	4
64	MHD Boundary Layer Flow and Heat Transfer Due to a Nanofluid Over an Exponentially Stretching Non-Isothermal Sheet. Journal of Nanofluids, 2015, 4, 16-27.	1.4	4
65	Tree-Based and Machine Learning Algorithm Analysis for Breast Cancer Classification. Computational Intelligence and Neuroscience, 2022, 2022, 1-6.	1.1	4
66	Double-Diffusive in MHD Stagnation Point Flow and Heat Transfer of Nanofluid Over a Stretching Sheet. Journal of Nanofluids, 2015, 4, 157-166.	1.4	3
67	Personality Prediction with Hybrid Genetic Programming using Portable EEG Device. Computational Intelligence and Neuroscience, 2022, 2022, 1-8.	1.1	3
68	Double Stratified Mixed Convective Flow of Couple Stress Nanofluid past Inclined Stretching Cylinder Using Cattaneo-Christov Heat and Mass Flux Model. Advances in Mathematical Physics, 2020, 2020, 1-16.	0.4	2
69	The Effect of Induced Magnetic Field on Boundary Layer Flow and Heat Transfer of Carreau Fluid with Nanoparticles. Journal of Nanofluids, 2019, 8, 287-296.	1.4	1
70	A Machine Learning and Deep Learning Approach for Recognizing Handwritten Digits. Computational Intelligence and Neuroscience, 2022, 2022, 1-7.	1.1	1
71	Nonlinear usual convection flow of couple stress micropolar nanofluids over isothermal sphere with non-Fourier's heat and non-Fick's mass fluxes under high classify slip states. Heat Transfer, 0, , .	1.7	0
72	Effects of Second Order Slip Boundary Condition on Magnetohydrodynamics Boundary Layer Flow and Heat Transfer of Nanofluid Over a Stretching Sheet. Journal of Computational and Theoretical Nanoscience, 2018, 15, 3150-3158.	0.4	0

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73	CloudConsumerism: A Consumer-Centric Ranking Model for Efficient Service Mapping in Cloud. Mobile Information Systems, 2022, 2022, 1-15.	0.4	0