Meraj Mustafa

List of Publications by Year
in descending order

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140	6,149	61984	88630
papers	citations	43 h-index	70 g-index

141	141	141	1656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stagnation-point flow of a nanofluid towards a stretching sheet. International Journal of Heat and Mass Transfer, 2011, 54, 5588-5594.	4.8	279
2	Cattaneo-Christov heat flux model for rotating flow and heat transfer of upper-convected Maxwell fluid. AIP Advances, 2015, 5, .	1.3	212
3	Unsteady boundary layer flow of a Casson fluid due to an impulsively started moving flat plate. Heat Transfer - Asian Research, 2011, 40, 563-576.	2.8	208
4	Buoyancy effects on the MHD nanofluid flow past a vertical surface with chemical reaction and activation energy. International Journal of Heat and Mass Transfer, 2017, 108, 1340-1346.	4.8	192
5	Boundary layer flow of Maxwell fluid in rotating frame with binary chemical reaction and activation energy. Results in Physics, 2016, 6, 627-633.	4.1	186
6	On heat and mass transfer in the unsteady squeezing flow between parallel plates. Meccanica, 2012, 47, 1581-1589.	2.0	181
7	Heat and mass transfer for Soret and Dufourâ€™s effect on mixed convection boundary layer flow over a stretching vertical surface in a porous medium filled with a viscoelastic fluid. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1183-1196.	3.3	167
8	MHD nanofluid flow over a rotating disk with partial slip effects: Buongiorno model. International Journal of Heat and Mass Transfer, 2017, 108, 1910-1916.	4.8	144
9	Influence of wall properties on the peristaltic flow of a nanofluid: Analytic and numerical solutions. International Journal of Heat and Mass Transfer, 2012, 55, 4871-4877.	4.8	137
10	Three-dimensional flow of nanofluid over a non-linearly stretching sheet: An application to solar energy. International Journal of Heat and Mass Transfer, 2015, 86, 158-164.	4.8	128
11	Nonlinear radiative heat transfer in the flow of nanofluid due to solar energy: A numerical study. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1176-1183.	5.3	124
12	Buoyancy effects on nanofluid flow past a convectively heated vertical Riga-plate: A numerical study. International Journal of Heat and Mass Transfer, 2017, 111, 827-835.	4.8	115
13	Model for flow of Casson nanofluid past a non-linearly stretching sheet considering magnetic field effects. AIP Advances, 2015, 5, .	1.3	113
14	On squeezing flow of nanofluid in the presence of magnetic field effects. Journal of Molecular Liquids, 2016, 213, 179-185.	4.9	109
15	On model for three-dimensional flow of nanofluid: An application to solar energy. Journal of Molecular Liquids, 2014, 194, 41-47.	4.9	101
16	On BÃ¶dewadt flow and heat transfer of nanofluids over a stretching stationary disk. Journal of Molecular Liquids, 2015, 211, 119-125.	4.9	101
17	Unsteady flow with heat and mass transfer of a third grade fluid over a stretching surface in the presence of chemical reaction. Nonlinear Analysis: Real World Applications, 2010, 11, 3186-3197.	1.7	93
18	Analytical and numerical solutions for axisymmetric flow of nanofluid due to non-linearly stretching sheet. International Journal of Non-Linear Mechanics, 2015, 71, 22-29.	2.6	91

#	Article	IF	Citations
19	MHD stagnation-point flow of Jeffrey fluid over a convectively heated stretching sheet. Computers and Fluids, 2015, 108, 179-185.	2.5	86
20	Stagnation-Point Flow and Heat Transfer of a Casson Fluid towards a Stretching Sheet. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 70-76.	1.5	85
21	Numerical investigation on mixed convective peristaltic flow of fourth grade fluid with Dufour and Soret effects. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 308-316.	5.3	81
22	Numerical Study of Cattaneo-Christov Heat Flux Model for Viscoelastic Flow Due to an Exponentially Stretching Surface. PLoS ONE, 2015, 10, e0137363.	2.5	80
23	Boundary layer flow of Carreau fluid over a convectively heated stretching sheet. Applied Mathematics and Computation, 2014, 246, 12-22.	2.2	78
24	MHD squeezing flow of secondâ€grade fluid between two parallel disks. International Journal for Numerical Methods in Fluids, 2012, 69, 399-410.	1.6	74
25	A numerical treatment for partial slip flow and heat transfer of non-Newtonian Reiner-Rivlin fluid due to rotating disk. International Journal of Heat and Mass Transfer, 2018, 123, 979-987.	4.8	70
26	Rotating Flow of Magnetite-Water Nanofluid over a Stretching Surface Inspired by Non-Linear Thermal Radiation. PLoS ONE, 2016, 11, e0149304.	2.5	69
27	On peristaltic motion of pseudoplastic fluid in a curved channel with heat/mass transfer and wall properties. Applied Mathematics and Computation, 2015, 263, 378-391.	2.2	68
28	Nonlinear Radiation Heat Transfer Effects in the Natural Convective Boundary Layer Flow of Nanofluid Past a Vertical Plate: A Numerical Study. PLoS ONE, 2014, 9, e103946.	2.5	65
29	Numerical study of nanofluid flow and heat transfer over a rotating disk using Buongiornoâ€™s model. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 221-234.	2.8	65
30	On Three-Dimensional Flow and Heat Transfer over a Non-Linearly Stretching Sheet: Analytical and Numerical Solutions. PLoS ONE, 2014, 9, e107287.	2.5	64
31	Buongiorno's model for fluid flow around a moving thin needle in a flowing nanofluid: A numerical study. Chinese Journal of Physics, 2017, 55, 1264-1274.	3.9	62
32	Numerical study of MHD nanofluid flow and heat transfer past a bidirectional exponentially stretching sheet. Journal of Magnetism and Magnetic Materials, 2016, 407, 69-74.	2.3	61
33	Melting heat transfer in the stagnationâ€point flow of an upperâ€convected Maxwell (UCM) fluid past a stretching sheet. International Journal for Numerical Methods in Fluids, 2012, 68, 233-243.	1.6	60
34	Peristaltic transport of Powellâ€“Eyring fluid in a curved channel with heat/mass transfer and wall properties. International Journal of Heat and Mass Transfer, 2016, 101, 156-165.	4.8	60
35	Analytical study of Cattaneoâ€“Christov heat flux model for a boundary layer flow of Oldroyd-B fluid. Chinese Physics B, 2016, 25, 014701.	1.4	59
36	Model and comparative study for rotating flow of nanofluids due to convectively heated exponentially stretching sheet. Journal of Molecular Liquids, 2016, 220, 635-641.	4.9	59

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37	Rotating flow of Maxwell fluid with variable thermal conductivity: An application to non-Fourier heat flux theory. International Journal of Heat and Mass Transfer, 2017, 106, 142-148.	4.8	59
38	Three-Dimensional Flow of Nanofluid Induced by an Exponentially Stretching Sheet: An Application to Solar Energy. PLoS ONE, 2015, 10, e0116603.	2.5	55
39	Radiation Effects on the Flow of Powell-Eyring Fluid Past an Unsteady Inclined Stretching Sheet with Non-Uniform Heat Source/Sink. PLoS ONE, 2014, 9, e103214.	2.5	52
40	Simulations for Maxwell fluid flow past a convectively heated exponentially stretching sheet with nanoparticles. AIP Advances, 2015, 5, 037133.	1.3	52
41	Stagnation-point flow of couple stress fluid with melting heat transfer. Applied Mathematics and Mechanics (English Edition), 2013, 34, 167-176.	3.6	50
42	Peristaltic flow of Sutterby fluid in a vertical channel with radiative heat transfer and compliant walls: A numerical study. Results in Physics, 2016, 6, 805-810.	4.1	49
43	Numerical and Series Solutions for Stagnation-Point Flow of Nanofluid over an Exponentially Stretching Sheet. PLoS ONE, 2013, 8, e61859.	2.5	48
44	Unsteady Boundary Layer Flow of Nanofluid Past an Impulsively Stretching Sheet. Journal of Mechanics, 2013, 29, 423-432.	1.4	45
45	Velocity and thermal slip effects on peristaltic motion of Walters-B fluid. International Journal of Heat and Mass Transfer, 2016, 96, 210-217.	4.8	43
46	Nanofluid flow through a porous space with convective conditions and heterogeneousâ€“homogeneous reactions. Journal of the Taiwan Institute of Chemical Engineers, 2017, 70, 119-126.	5.3	42
47	A Comparative Study for Flow of Viscoelastic Fluids with Cattaneo-Christov Heat Flux. PLoS ONE, 2016, 11, e0155185.	2.5	42
48	Radiation effects in three-dimensional flow over a bi-directional exponentially stretching sheet. Journal of the Taiwan Institute of Chemical Engineers, 2015, 47, 43-49.	5.3	41
49	On magnetohydrodynamic flow of second grade nanofluid over a convectively heated nonlinear stretching surface. Advanced Powder Technology, 2016, 27, 1992-2004.	4.1	40
50	Flow of a Second Grade Fluid over a Stretching Surface with Newtonian Heating. Journal of Mechanics, 2012, 28, 209-216.	1.4	39
51	Numerical study for rotating flow of nanofluids caused by an exponentially stretching sheet. Advanced Powder Technology, 2016, 27, 2223-2231.	4.1	37
52	Momentum and heat transfer of an upper-convected Maxwell fluid over a moving surface with convective boundary conditions. Nuclear Engineering and Design, 2012, 252, 242-247.	1.7	36
53	Peristaltic flow of Powell-Eyring fluid in curved channel with heat transfer: A useful application in biomedicine. Computer Methods and Programs in Biomedicine, 2016, 135, 89-100.	4.7	36
54	Influence of Thermal Radiation on the Unsteady Mixed Convection Flow of a Jeffrey Fluid over a Stretching Sheet. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 711-719.	1.5	35

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55	Effects of Thermal Radiation on the Stagnation-Point Flow of Upper-Convected Maxwell Fluid over a Stretching Sheet. Journal of Aerospace Engineering, 2014, 27, .	1.4	34
56	Sakiadis flow of Maxwell fluid considering magnetic field and convective boundary conditions. AIP Advances, 2015, 5, .	1.3	34
57	Slip Effects on the Peristaltic Motion of Nanofluid in a Channel With Wall Properties. Journal of Heat Transfer, 2013, 135, .	2.1	33
58	Unsteady flow and heat transfer of Jeffrey fluid over a stretching sheet. Thermal Science, 2014, 18, 1069-1078.	1.1	33
59	Numerical study of partial slip effects on MHD flow of nanofluids near a convectively heated stretchable rotating disk. Journal of Molecular Liquids, 2017, 234, 287-295.	4.9	33
60	Influence of induced magnetic field on the peristaltic flow of nanofluid. Meccanica, 2014, 49, 521-534.	2.0	32
61	Numerical solution for Sakiadis flow of upper-convected Maxwell fluid using Cattaneo-Christov heat flux model. AIP Advances, 2016, 6, .	1.3	32
62	Computations for nanofluid flow near a stretchable rotating disk with axial magnetic field and convective conditions. Results in Physics, 2017, 7, 3137-3144.	4.1	32
63	Cattaneo-Christov Heat Flux Model for MHD Three-Dimensional Flow of Maxwell Fluid over a Stretching Sheet. PLoS ONE, 2016, 11, e0153481.	2.5	31
64	A study of heat transfer and entropy generation in von KÃ¡rmÃ¡n flow of Reiner-Rivlin fluid due to a stretchable disk. Ain Shams Engineering Journal, 2021, 12, 875-883.	6.1	30
65	INFLUENCE OF HEAT TRANSFER IN THE SQUEEZING FLOW BETWEEN PARALLEL DISKS. Chemical Engineering Communications, 2012, 199, 1044-1062.	2.6	29
66	Mixed Convection Boundary Layer Flow over a Stretching Surface Filled with a Maxwell Fluid in Presence of Soret and Dufour Effects. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 401-410.	1.5	27
67	Influence of Melting Heat Transfer in the Stagnation-Point Flow of a Jeffrey Fluid in the Presence of Viscous Dissipation. Journal of Applied Mechanics, Transactions ASME, 2012, 79, .	2.2	27
68	An analytical treatment for MHD mixed convection boundary layer flow of Oldroyd-B fluid utilizing non-Fourier heat flux model. International Journal of Heat and Mass Transfer, 2017, 113, 1012-1020.	4.8	27
69	A New Model and Analysis for Peristalsis of Carreauâ€“Yasuda (CY) Nanofluid Subject to Wall Properties. Arabian Journal for Science and Engineering, 2020, 45, 5179-5190.	3.0	27
70	MHD Boundary Layer Flow of Second-Grade Nanofluid over a Stretching Sheet with Convective Boundary Conditions. Journal of Aerospace Engineering, 2014, 27, .	1.4	26
71	Peristaltic motion of third grade fluid in curved channel. Applied Mathematics and Mechanics (English Edition), 2014, 35, 73-84.	3.6	26
72	Rotating flow of viscoelastic fluid with nonlinear thermal radiation: a numerical study. Neural Computing and Applications, 2018, 29, 493-499.	5.6	26

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73	Numerical simulations of heat transfer around a circular cylinder immersed in a shear-thinning fluid obeying Cross model. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 123184.	2.6	26
74	Computational Analysis of Unsteady Swirling Flow Around a Decelerating Rotating Porous Disk in Nanofluid. Arabian Journal for Science and Engineering, 2020, 45, 1143-1154.	3.0	26
75	Dual solutions for fluid flow over a stretching/shrinking rotating disk subject to variable fluid properties. Physica A: Statistical Mechanics and Its Applications, 2020, 556, 124773.	2.6	26
76	Modeling heat transfer in fluid flow near a decelerating rotating disk with variable fluid properties. International Communications in Heat and Mass Transfer, 2020, 116, 104673.	5.6	25
77	Exact Solutions for the Magnetohydrodynamic Flow of a Jeffrey Fluid with Convective Boundary Conditions and Chemical Reaction. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 517-524.	1.5	24
78	Exponentially Stretching Sheet in a Powellâ€“Eyring Fluid: Numerical and Series Solutions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2013, 68, 791-798.	1.5	23
79	Stagnation-point flow of Jeffrey fluid with melting heat transfer and Soret and Dufour effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2014, 24, 402-418.	2.8	23
80	Entropy generation analysis for radiative heat transfer to BÃ¶dewadt slip flow subject to strong wall suction. European Journal of Mechanics, B/Fluids, 2018, 72, 179-188.	2.5	23
81	EFFECT OF WALL PROPERTIES ON THE PERISTALTIC FLOW OF A THIRD GRADE FLUID IN A CURVED CHANNEL. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250067.	0.7	22
82	Axisymmetric Flow of a Nanofluid Over a Radially Stretching Sheet with Convective Boundary Conditions. Current Nanoscience, 2012, 8, 328-334.	1.2	22
83	Melting heat transfer in the stagnation-point flow of third grade fluid past a stretching sheet with viscous dissipation. Thermal Science, 2013, 17, 865-875.	1.1	22
84	Peristaltic Motion of Nanofluid in a Curved Channel. Journal of Heat Transfer, 2014, 136, .	2.1	22
85	A model for an application to biomedical engineering through nanoparticles. International Journal of Heat and Mass Transfer, 2016, 101, 112-120.	4.8	22
86	A revised model to study the MHD nanofluid flow and heat transfer due to rotating disk: numerical solutions. Neural Computing and Applications, 2018, 30, 957-964.	5.6	22
87	Peristaltic transport of Bingham plastic fluid considering magnetic field, Soret and Dufour effects. Results in Physics, 2017, 7, 2000-2011.	4.1	21
88	Influence of Thermal Radiation on Blasius Flow of a Second Grade Fluid. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2009, 64, 827-833.	1.5	20
89	A non-Fourier heat flux approach to model MHD Oldroyd-B fluid flow due to bidirectional stretching surface. International Journal of Mechanical Sciences, 2017, 131-132, 146-154.	6.7	20
90	Numerical assessment of BÃ¶dewadt flow and heat transfer over a permeable disk with variable fluid properties. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 122138.	2.6	20

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91	Time-dependent three-dimensional flow and mass transfer of elastico-viscous fluid over unsteady stretching sheet. Applied Mathematics and Mechanics (English Edition), 2011, 32, 167-178.	3.6	19
92	Numerical Solutions for Radiative Heat Transfer in Ferrofluid Flow due to a Rotating Disk: Tiwari and Das Model. International Journal of Nonlinear Sciences and Numerical Simulation, 2018, 19, 1-10.	1.0	19
93	On three-dimensional flow of nanofluids past a convectively heated deformable surface: A numerical study. International Journal of Heat and Mass Transfer, 2016, 94, 49-55.	4.8	18
94	Three-dimensional flow of Jeffrey fluid with Cattaneoâ€“Christov heat flux: An application to non-Fourier heat flux theory. Chinese Journal of Physics, 2017, 55, 1067-1077.	3.9	18
95	Model to study the non-linear radiation heat transfer in the stagnation-point flow of power-law fluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2015, 25, 1107-1119.	2.8	17
96	A numerical study for three-dimensional viscoelastic flow inspired by non-linear radiative heat flux. International Journal of Non-Linear Mechanics, 2016, 79, 83-87.	2.6	17
97	Numerical study for BÃ¶dewadt flow of water based nanofluid over a deformable disk: Buongiorno model. Indian Journal of Physics, 2017, 91, 527-533.	1.8	17
98	Rotating flow of Oldroyd-B fluid over stretchable surface with Cattaneo â€“ Christov heat flux. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 2207-2222.	2.8	17
99	Peristaltic Motion of Johnson-Segalman Fluid in a Curved Channel with Slip Conditions. PLoS ONE, 2014, 9, e114168.	2.5	16
100	On the Numerical Solution of the Nonlinear Radiation Heat Transfer Problem in a Three-Dimensional Flow. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 705-713.	1.5	15
101	PERISTALTIC FLOW OF COUPLE-STRESS FLUID WITH HEAT AND MASS TRANSFER: AN APPLICATION IN BIOMEDICINE. Journal of Mechanics in Medicine and Biology, 2015, 15, 1550042.	0.7	15
102	Soret and Dufour Effects on the Stagnation-Point Flow of a Micropolar Fluid Toward a Stretching Sheet. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.5	14
103	A revised model to study the rotating flow of nanofluid over an exponentially deforming sheet: Numerical solutions. Journal of Molecular Liquids, 2017, 225, 320-327.	4.9	14
104	Viscoelastic Flow and Heat Transfer over a Non-Linearly Stretching Sheet: OHAM Solution. Journal of Applied Fluid Mechanics, 2016, 9, 1321-1328.	0.2	14
105	Effect of Slip on Peristaltic Flow of Powell-Eyring Fluid in a Symmetric Channel. Applied Bionics and Biomechanics, 2014, 11, 69-79.	1.1	13
106	Pressure-Driven Flow of Cross Fluid Along a Stationary Plate Subject to Binary Chemical Reaction and Arrhenius Activation Energy. Arabian Journal for Science and Engineering, 2019, 44, 5647-5655.	3.0	13
107	A Novel Formulation for MHD Slip Flow of Elastico-Viscous Fluid Induced by Peristaltic Waves with Heat/Mass Transfer Effects. Arabian Journal for Science and Engineering, 2020, 45, 9213-9225.	3.0	13
108	Effects of the Cattaneoâ€“Christov heat flux model on peristalsis. Engineering Applications of Computational Fluid Mechanics, 2016, 10, 373-383.	3.1	11

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109	Numerical tackling for viscoelastic fluid flow in rotating frame considering homogeneous-heterogeneous reactions. Results in Physics, 2017, 7, 3475-3481.	4.1	11
110	BÃ¶dewadt Flow Over a Permeable Disk with Homogeneous-Heterogeneous Reactions: A Numerical Study. Applied Sciences (Switzerland), 2019, 9, 4046.	2.5	11
111	A study of elastico-viscous fluid flow by a revolving disk with heat dissipation effects using HAM based package BVPh 2.0. Scientific Reports, 2021, 11, 4514.	3.3	11
112	Numerical study on three-dimensional flow of nanofluid past a convectively heated exponentially stretching sheet. Canadian Journal of Physics, 2015, 93, 1131-1137.	1.1	10
113	Numerical Study of MHD Viscoelastic Fluid Flow with Binary Chemical Reaction and Arrhenius Activation Energy. International Journal of Chemical Reactor Engineering, 2017, 15, .	1.1	10
114	Second law analysis of heat transfer in swirling flow of Bingham fluid by a rotating disk subjected to suction effect. Thermal Science, 2021, 25, 13-24.	1.1	10
115	Buoyancy effects in stagnation-point flow of Maxwell fluid utilizing non-Fourier heat flux approach. PLoS ONE, 2018, 13, e0192685.	2.5	9
116	Numerical study of BÃ¶dewadt slip flow on a convectively heated porous disk in a nanofluid. Physica Scripta, 2019, 94, 095701.	2.5	9
117	BÃ¶dewadt flow of Bingham fluids over a non-isothermal permeable disk with viscous dissipation effects. AEJ - Alexandria Engineering Journal, 2021, 60, 2857-2864.	6.4	9
118	BÃ¶dewadt flow of Bingham fluid over a permeable disk with variable fluid properties: A numerical study. International Communications in Heat and Mass Transfer, 2021, 127, 105540.	5.6	9
119	A comparative study of different viscosity models for unsteady flow over a decelerating rotating disk with variable physical properties. International Communications in Heat and Mass Transfer, 2022, 135, 106155.	5.6	9
120	Analytic and numeric solutions for stagnation-point flow with melting, thermal-diffusion and diffusion-thermo effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2014, 24, 438-454.	2.8	8
121	Boundary layer flow of an Oldroydâ€B fluid with convective boundary conditions. Heat Transfer - Asian Research, 2011, 40, 744-755.	2.8	7
122	A novel formulation and analysis for heat transfer in von KÃ¡rmÃ¡n flow involving viscoelastic fluid: OHAM solutions. Journal of Thermal Analysis and Calorimetry, 2022, 147, 477-488.	3.6	7
123	Aiding or opposing electro-osmotic flow of Carreauâ€“Yasuda nanofluid induced by peristaltic waves using Buongiorno model. Waves in Random and Complex Media, 0, , 1-17.	2.7	7
124	Model for natural convective flow of visco-elastic nanofluid past an isothermal vertical plate. European Physical Journal Plus, 2015, 130, 1.	2.6	6
125	Slip effects on MHD boundary layer flow of Oldroyd-B fluid past a stretching sheet: An analytic solution. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 3389-3397.	1.6	6
126	Rotationally symmetric flow of Reiner-Rivlin fluid over a heated porous wall using numerical approach. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 2803-2814.	2.1	6

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127	Heat transfer in Oldroyd-B fluid flow due to an exponentially stretching wall utilizing Cattaneoâ€“Christov heat flux model. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	5
128	Analytical and numerical approaches for Falknerâ€“Skan flow of MHD Maxwell fluid using a non-Fourier heat flux model. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 1539-1555.	2.8	4
129	Assisting or opposing MHD flow of cross fluid along a non-isothermal surface with variable thermal conductivity. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 4980-4989.	2.1	4
130	Steadily revolving flow of Sisko fluid along a stretchable boundary with non-linear radiation effects. Pramana - Journal of Physics, 2021, 95, 1.	1.8	4
131	Falkner-Skan flow of nanofluid past a static wedge with partial slip conditions using different models. International Communications in Heat and Mass Transfer, 2021, 129, 105690.	5.6	4
132	Numerical simulations for heat transfer in peristalsis of Bingham fluid utilizing partial slip conditions. Waves in Random and Complex Media, 0, , 1-16.	2.7	4
133	Non-aligned MHD stagnation-point flow of upper-convected Maxwell fluid with nonlinear thermal radiation. Neural Computing and Applications, 2018, 30, 1549-1555.	5.6	3
134	Modeling MHD swirling flow due to rough rotating disk with non-linear radiation and chemically reactive solute. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 2342-2356.	2.8	3
135	Rotationally symmetric flow of Cu-Al₂O₃/water hybrid nanofluid over a heated porous boundary. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 1524-1534.	2.1	3
136	Stagnation-Point Flow of Nanofluid Through Different Utilization of Thermal Radiation Effect. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1107-1115.	0.4	1
137	Influence of Non-linear Radiation Heat Flux on Rotating Maxwell Fluid over a Deformable Surface: A Numerical Study. Communications in Theoretical Physics, 2018, 69, 461.	2.5	1
138	A Novel Approach to Develop a Closed-Form Solution for MHD Flow Induced by a Rotating Disk. IEEE Access, 2019, 7, 124410-124416.	4.2	1
139	A numerical study of rotationally symmetric nanofluid flow over a permeable surface using Buongiorno model. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110732.	2.5	1
140	Chapter 6: Homotopy Analysis Method for Some Boundary Layer Flows of Nanofluids. , 2014, , 259-290.		0