Masood Khan

List of Publications by Year
in descending order

342 papers	10,642 citations	38742 50 h-index	85541 71 g-index
347 all docs	347 docs citations	347 times ranked	1883 citing authors

#	Article	IF	Citations
1	Numerical analysis in thermally radiative stagnation point flow of Cross nanofluid due to shrinking surface: dual solutions. Applied Nanoscience (Switzerland), 2023, 13, 573-584.	3.1	11
2	Study of thermophoresis and Brownian motion phenomena in radial stagnation flow over a twisting cylinder. Ain Shams Engineering Journal, 2023, 14, 101869.	6.1	9
3	A mathematical model to examine the heat transport features in Burgers fluid flow due to stretching cylinder. Journal of Thermal Analysis and Calorimetry, 2022, 147, 827-841.	3.6	13
4	On modified Fourier heat flux in stagnation point flow of magnetized Burgers' fluid subject to homogeneousâ€"heterogeneous reactions. Journal of Thermal Analysis and Calorimetry, 2022, 147, 815-826.	3.6	3
5	Features of Cattaneo-Christov double diffusion theory on theÂflow ofÂnon-Newtonian Oldroyd-B nanofluidÂwith Joule heating. Applied Nanoscience (Switzerland), 2022, 12, 265-272.	3.1	20
6	Variable heat source in stagnation-point unsteady flow of magnetized Oldroyd-B fluid with cubic autocatalysis chemical reaction. Ain Shams Engineering Journal, 2022, 13, 101610.	6.1	28
7	Bioconvection and activation energy dynamisms on radiative sutterby melting nanomaterial with gyrotactic microorganism. Case Studies in Thermal Engineering, 2022, 30, 101749.	5.7	36
8	Carbon nanotubes based fluid flow past a moving thin needle examine through dual solutions: Stability analysis. Journal of Energy Storage, 2022, 48, 103913.	8.1	30
9	Analysis of energy transport considering Arrhenius activation energy and chemical reaction in radiative Maxwell nanofluid flow. Chemical Physics Letters, 2022, 793, 139323.	2.6	15
10	Thermal conductivity performance in hybrid (SWCNTs-CuO/Ehylene glycol) nanofluid flow: Dual solutions. Ain Shams Engineering Journal, 2022, 13, 101703.	6.1	40
11	Von Karman swirling flow of an Oldroydâ€B nanofluid with the influence of activation energy. Mathematical Methods in the Applied Sciences, 2022, 45, 4202-4209.	2.3	8
12	Energy Transport and Effectiveness of Thermo-Sloutal Timeâ€™s Relaxation Theory in Carreau Fluid with Variable Mass Diffusivity. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	8
13	Exploration of the dynamics of ethylene glycol conveying copper and titania nanoparticles on a stretchable/shrinkable curved object: Stability analysis. International Communications in Heat and Mass Transfer, 2022, 137, 106225.	5.6	20
14	Impacts of non-linear radiation and activation energy on the axisymmetric rotating flow of Oldroyd-B fluid. Physica A: Statistical Mechanics and Its Applications, 2021, 580, 124085.	2.6	39
15	Thermal aspects of chemically reactive Oldroyd-B fluid flow over a rotating diskÂwith Cattaneoâ€"Christov heat flux theory. Journal of Thermal Analysis and Calorimetry, 2021, 144, 793-803.	3.6	36
16	Effectiveness of Cattaneoâ€"Christov double diffusion in Sisko fluid flow with variable properties: Dual solutions. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3643-3654.	3.6	23
17	An improved heat conduction analysis in swirling viscoelastic fluid with homogeneousâ€"heterogeneous reactions. Journal of Thermal Analysis and Calorimetry, 2021, 143, 4095-4106.	3.6	19
18	Analysis of Cattaneoâ€"Christov theory for unsteady flow of Maxwell fluid over stretching cylinder. Journal of Thermal Analysis and Calorimetry, 2021, 144, 145-154.	3.6	34

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19	Thermal analysis forÂradiative flow ofÂmagnetized Maxwell fluidÂover a vertically moving rotating disk. Journal of Thermal Analysis and Calorimetry, 2021, 143, 4081-4094.	3.6	32
20	Theoretical analysis of new mass flux theory and Arrhenius activation energy in Carreau nanofluid with magnetic influence. International Communications in Heat and Mass Transfer, 2021, 120, 105051.	5.6	40
21	Oldroyd-B fluid flow over a rotating disk subject to Soretâ€"Dufour effects and thermophoresis particle deposition. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2408-2415.	2.1	27
22	Viscoelastic nanofluid motion for Homann stagnation-region with thermal radiation characteristics. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 5324-5336.	2.1	13
23	Arrhenius activation energy theory in radiative flow of Maxwell nanofluid. Physica Scripta, 2021, 96, 045002.	2.5	33
24	Energy transport analysis in flow of Carreau nanofluid inspired by variable thermal conductivity and zero mass flux conditions. Advances in Mechanical Engineering, 2021, 13, 168781402199496.	1.6	6
25	Forced convection in 3D Maxwell nanofluid flow via Cattaneoâ€"Christov theory with Joule heating. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 747-757.	2.5	8
26	Numerical simulation of mixed convection flow and heat transfer in the lid-driven triangular cavity with different obstacle configurations. International Communications in Heat and Mass Transfer, 2021, 123, 105202.	5.6	35
27	Flow of Oldroyd-B fluid caused by a rotating disk featuring the Cattaneo-Christov theory with heat generation/absorption. International Communications in Heat and Mass Transfer, 2021, 123, 105179.	5.6	33
28	Study of engine-oil based CNT nanofluid flow on a rotating cylinder with viscous dissipation. Physica Scripta, 2021, 96, 075005.	2.5	24
29	Energy transport analysis in the flow of Burgers nanofluid inspired by variable thermal conductivity. Pramana - Journal of Physics, 2021, 95, 1.	1.8	1
30	Thermal performance of Joule heating in Oldroyd-B nanomaterials considering thermal-solutal convective conditions. Chinese Journal of Physics, 2021, 71, 444-457.	3.9	30
31	Buoyancy effect on the chemically reactive flow of Cross nanofluid over a shrinking surface: Dual solution. International Communications in Heat and Mass Transfer, 2021, 126, 105438.	5.6	24
32	Thermal enhancement in the mixed convective flow of unsteady Carreau nanofluid with slip conditions: A numerical study. Advances in Mechanical Engineering, 2021, 13, 168781402110412.	1.6	3
33	Non-linear radiative bioconvection flow of cross nano-material with gyrotatic microorganisms and activation energy. International Communications in Heat and Mass Transfer, 2021, 127, 105530.	5.6	44
34	Features of thermophoretic and Brownian forces in Burgers fluid flow subject to Joule heating and convective conditions. Physica Scripta, 2021, 96, 015211.	2.5	11
35	Evaluating the performance of new mass flux theory on Carreau nanofluid using the thermal aspects of convective heat transport. Pramana - Journal of Physics, 2021, 95, 1.	1.8	18
36	Chemically reactive and nonlinear radiative heat flux in mixed convection flow of Oldroyd-B nanofluid. Applied Nanoscience (Switzerland), 2020, 10, 3133-3141.	3.1	13

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37	A rheological analysis of nanofluid subjected to melting heat transport characteristics. Applied Nanoscience (Switzerland), 2020, 10, 3161-3170.	3.1	65
38	Heat and mass transport phenomena of nanoparticles on time-dependent flow of Williamson fluid towards heated surface. Neural Computing and Applications, 2020, 32, 3253-3263.	5.6	26
39	Simultaneous impact of nonlinear radiative heat flux and Arrhenius activation energy in flow of chemically reacting Carreau nanofluid. Applied Nanoscience (Switzerland), 2020, 10, 2977-2988.	3.1	15
40	Computational analysis of entropy generation for cross-nanofluid flow. Applied Nanoscience (Switzerland), 2020, 10, 3045-3055.	3.1	45
41	Non-linear radiation and chemical reaction effects on slip flow of Williamson nanofluid due to a static/moving wedge: a revised model. Applied Nanoscience (Switzerland), 2020, 10, 3171-3181.	3.1	9
42	Effectiveness of homogeneous–heterogeneous reactions in Maxwell fluid flow between two spiraling disks with improved heat conduction features. Journal of Thermal Analysis and Calorimetry, 2020, 139, 3185-3195.	3.6	29
43	Mixed convection flow and heat transfer mechanism for non-Newtonian Carreau nanofluids under the effect of infinite shear rate viscosity. Physica Scripta, 2020, 95, 035225.	2.5	8
44	Scrutinization of 2D and mixed convection flow of generalized Newtonian fluid with nanoparticles and magnetic field. Canadian Journal of Physics, 2020, 98, 65-75.	1.1	5
45	Thermo-physical characteristics during the flow and heat transfer analysis of GO-nanoparticles adjacent to a continuously moving thin needle. Chinese Journal of Physics, 2020, 64, 227-240.	3.9	13
46	Multiple solutions for the modified Fourier and Fick's theories for Carreau nanofluid. Indian Journal of Physics, 2020, 94, 1939-1947.	1.8	11
47	Radiative heat flux effect in flow of Maxwell nanofluid over a spiraling disk with chemically reaction. Physica A: Statistical Mechanics and Its Applications, 2020, 551, 123948.	2.6	32
48	Numerical simulation for variable thermal properties and heat source/sink in flow of Cross nanofluid over a moving cylinder. International Communications in Heat and Mass Transfer, 2020, 118, 104832.	5.6	64
49	Stagnation point flow of radiative Oldroyd-B nanofluid over a rotating disk. Computer Methods and Programs in Biomedicine, 2020, 191, 105342.	4.7	65
50	Mixed Convection in Unsteady Stagnation Point Flow of Maxwell Fluid Subject to Modified Fourier's Law. Arabian Journal for Science and Engineering, 2020, 45, 9439-9447.	3.0	20
51	Computational study of Falkner–Skan flow of chemically reactive Cross nanofluid with heat generation/absorption. Physica A: Statistical Mechanics and Its Applications, 2020, 554, 124267.	2.6	21
52	Rebuttal to comments on "Importance of activation energy in development of chemical covalent bonding in flow of Sisko magneto-nanofluid over a porous moving curved surface" International Journal of Hydrogen Energy, 2020, 45, 28021-28022.	7.1	0
53	Thermal analysis in swirl motion of Maxwell nanofluid over a rotating circular cylinder. Applied Mathematics and Mechanics (English Edition), 2020, 41, 1417-1430.	3.6	22
54	Mixed convective 3D flow of Maxwell nanofluid induced by stretching sheet: Application of Cattaneo-Christov theory. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622097324.	2.1	2

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55	Heat sink/source and chemical reaction in stagnation pointâflow ofâMaxwell nanofluid. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	30
56	Chemically reactive swirling flow of viscoelastic nanofluid due to rotating disk with thermal radiations. Applied Nanoscience (Switzerland), 2020, 10, 5219-5232.	3.1	17
57	Entropy generation analysis for axisymmetric flow of Carreau nanofluid over a radially stretching disk. Applied Nanoscience (Switzerland), 2020, 10, 5291-5303.	3.1	13
58	Flow of magnetized Oldroyd-B nanofluid over a rotating disk. Applied Nanoscience (Switzerland), 2020, 10, 5135-5147.	3.1	17
59	Flow of Oldroyd-B Fluid over a Rotating Disk Through Porous Medium with Soretâ€"Dufour Effects. Arabian Journal for Science and Engineering, 2020, 45, 5949-5957.	3.0	10
60	Influence of thermal-solutal stratifications and thermal aspects of non-linear radiation in stagnation point Oldroyd-B nanofluid flow. International Communications in Heat and Mass Transfer, 2020, 116, 104636.	5.6	38
61	Von KÃ¡rmÃ¡n rotating flow of Maxwell nanofluids featuring the Cattaneo-Christov theory with a Buongiorno model. Applied Mathematics and Mechanics (English Edition), 2020, 41, 1195-1208.	3.6	11
62	Evaluation of Arrhenius activation energy and new mass flux condition in Carreau nanofluid: dual solutions. Applied Nanoscience (Switzerland), 2020, 10, 5279-5289.	3.1	15
63	Jefferyâ€"Hamel flow of hybrid nanofluids in convergent and divergent channels with heat transfer characteristics. Applied Nanoscience (Switzerland), 2020, 10, 5459-5468.	3.1	17
64	Characteristics of combined heat and mass transfer on mixed convection flow of Sisko fluid model: A numerical study. Modern Physics Letters B, 2020, 34, 2050255.	1.9	3
65	Effects of Arrhenius activation energy in development of covalent bonding in axisymmetric flow of radiative-Cross nanofluid. International Communications in Heat and Mass Transfer, 2020, 113, 104547.	5.6	77
66	Boundary layer flow of Maxwell fluid due to torsional motion of cylinder: modeling and simulation. Applied Mathematics and Mechanics (English Edition), 2020, 41, 667-680.	3.6	30
67	Unsteady Stagnation Point Flow of Maxwell Nanofluid Over Stretching Disk with Joule Heating. Arabian Journal for Science and Engineering, 2020, 45, 5529-5540.	3.0	28
68	Performance of heat transfer in MHD mixed convection flow using nanofluids in the presence of viscous dissipation: Local non-similarity solution. Modern Physics Letters B, 2020, 34, 2050101.	1.9	7
69	Physical aspects of shear thinning/thickening behavior in radiative flow of magnetite Carreau nanofluid with nanoparticle mass flux conditions. Applied Nanoscience (Switzerland), 2020, 10, 3021-3033.	3.1	16
70	Mixed convective flow of Maxwell nanofluid induced by vertically rotating cylinder. Applied Nanoscience (Switzerland), 2020, 10, 5179-5190.	3.1	22
71	Non-axisymmetric Homann MHD stagnation point flow of Al2O3-Cu/water hybrid nanofluid with shape factor impact. Applied Mathematics and Mechanics (English Edition), 2020, 41, 1125-1138.	3.6	24
72	Impact of Cattaneo-Christov model on Darcyâ€"Forchheimer flow of ethylene glycol base fluid over a moving needle. Journal of Materials Research and Technology, 2020, 9, 4139-4146.	5.8	23

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73	Transient flow of magnetized Maxwell nanofluid: Buongiorno model perspective of Cattaneo-Christov theory. Applied Mathematics and Mechanics (English Edition), 2020, 41, 655-666.	3.6	13
74	Flow of Oldroyd-B fluid over a rotating disk with Cattaneo–Christov theory for heat and mass fluxes. Computer Methods and Programs in Biomedicine, 2020, 191, 105374.	4.7	47
75	Magnetohydrodynamic thin film deposition of Carreau nanofluid over an unsteady stretchingÂsurface. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	26
76	Numerical analysis of unsteady Carreau nanofluid flow with variable conductivity. Applied Nanoscience (Switzerland), 2020, 10, 3075-3084.	3.1	25
77	Stagnation point flow of magnetized Burgers' nanofluid subject to thermal radiation. Applied Nanoscience (Switzerland), 2020, 10, 5233-5246.	3.1	25
78	Thermal energy transport in Burgers nanofluid flow featuring the Cattaneo–Christov double diffusion theory. Applied Nanoscience (Switzerland), 2020, 10, 5331-5342.	3.1	29
79	Transient MHD flow of Maxwell nanofluid subject to non-linear thermal radiation and convective heat transport. Applied Nanoscience (Switzerland), 2020, 10, 5361-5373.	3.1	26
80	Physical significance of chemical processes and Lorentz's forces aspects on Sisko fluid flow in curved configuration. Soft Computing, 2020, 24, 16213-16223.	3.6	18
81	Non-axisymmetric Homann stagnation-point flow of Walter's B nanofluid over a cylindrical disk. Applied Mathematics and Mechanics (English Edition), 2020, 41, 725-740.	3.6	35
82	Rotational flow of Oldroyd-B nanofluid subject to Cattaneo-Christov double diffusion theory. Applied Mathematics and Mechanics (English Edition), 2020, 41, 1083-1094.	3.6	31
83	A hybrid approach to study the influence of Hall current in radiative nanofluid flow over a rotating disk. Applied Nanoscience (Switzerland), 2020, 10, 5167-5177.	3.1	45
84	Thermal analysis in unsteady radiative Maxwell nanofluid flow subject to heat source/sink. Applied Nanoscience (Switzerland), 2020, 10, 5489-5497.	3.1	17
85	Burgers fluid flow in perspective of Buongiorno's model with improved heat and mass flux theory for stretching cylinder. EPJ Applied Physics, 2020, 92, 31101.	0.7	5
86	Permanent solutions for some oscillatory motions of fluids with power-law dependence of viscosity on the pressure and shear stress on the boundary. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 757-769.	1.5	3
87	MHD VON KARMAN SWIRLING FLOW IN THE MAXWELL NANOFLUID WITH NONLINEAR RADIATIVE HEAT FLUX AND CHEMICAL REACTION. Heat Transfer Research, 2020, 51, 377-394.	1.6	7
88	On steady two-dimensional Carreau nanofluid flow in the presence of infinite shear rate viscosity. Canadian Journal of Physics, 2019, 97, 400-407.	1.1	7
89	Multiple solutions for MHD transient flow of Williamson nanofluids with convective heat transport. Journal of the Taiwan Institute of Chemical Engineers, 2019, 103, 126-137.	5.3	39
90	Thermally radiative flow of Maxwell nanofluid over a permeable rotating disk. Physica Scripta, 2019, 94, 125016.	2.5	18

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91	Homogenousâ€"heterogenous reactions in Carreau fluid flow with heat generation/absorption: multiple solution. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	1
92	Impact of nanoparticles and radiative heat flux in von KÃ¡rmÃ¡n swirling flow of Maxwell fluid. Chinese Journal of Physics, 2019, 62, 86-98.	3.9	13
93	Joule Heating Effects in Thermally Radiative Swirling Flow of Maxwell Fluid Over a Porous Rotating Disk. International Journal of Thermophysics, 2019, 40, 1.	2.1	9
94	MHD Blasius flow of radiative Williamson nanofluid over a vertical plate. International Journal of Modern Physics B, 2019, 33, 1950245.	2.0	10
95	Heat transfer enhancement for Maxwell nanofluid flow subject to convective heat transport. Pramana - Journal of Physics, 2019, 92, 1.	1.8	33
96	Swirling flow of Maxwell nanofluid between two coaxially rotating disks with variable thermal conductivity. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	24
97	Convective heat transfer during the flow of Williamson nanofluid with thermal radiation and magnetic effects. European Physical Journal Plus, 2019, 134, 1.	2.6	11
98	Transient thin-film spin-coating flow of chemically reactive and radiative Maxwell nanofluid over a rotating disk. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	23
99	Stagnation point flow of Maxwell nanofluid over a permeable rotating disk with heat source/sink. Journal of Molecular Liquids, 2019, 287, 110853.	4.9	112
100	Locally non-similar and thermally radiative Sisko fluid flow with magnetic and Joule heating effects. Journal of Magnetism and Magnetic Materials, 2019, 487, 165284.	2.3	17
101	Heat transport features of magnetic waterâ€"graphene oxide nanofluid flow with thermal radiation: Stability Test. European Journal of Mechanics, B/Fluids, 2019, 76, 434-441.	2.5	37
102	Transient flow and heat transfer mechanism for Williamson-nanomaterials caused by a stretching cylinder with variable thermal conductivity. Microsystem Technologies, 2019, 25, 3287-3297.	2.0	15
103	Importance of activation energy in development of chemical covalent bonding in flow of Sisko magneto-nanofluids over a porous moving curved surface. International Journal of Hydrogen Energy, 2019, 44, 10197-10206.	7.1	52
104	Significance of thermophoresis, thermal-diffusion and diffusion-thermo on the flow of Maxwell liquid film over a horizontal rotating disk. Physica Scripta, 2019, 94, 095003.	2.5	6
105	An investigation of thermal and solutal stratification effects on mixed convection flow and heat transfer of Williamson nanofluid. Journal of Molecular Liquids, 2019, 284, 307-315.	4.9	40
106	Investigation of mixed convection flow of Carreau nanofluid over a wedge in the presence of Soret and Dufour effects. International Journal of Heat and Mass Transfer, 2019, 137, 809-822.	4.8	38
107	Impact of homogeneousâ€"heterogeneous reactions and non-Fourier heat flux theory in Oldroyd-B fluid with variable conductivity. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	32
108	MHD swirling flow and heat transfer in Maxwell fluid driven by two coaxially rotating disks with variable thermal conductivity. Chinese Journal of Physics, 2019, 60, 22-34.	3.9	56

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109	Consequence of convective conditions for flow of Oldroyd-B nanofluid by a stretching cylinder. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	22
110	Numerical simulation for transient flow of Williamson fluid with multiple slip model in the presence of chemically reacting species. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 4445-4461.	2.8	14
111	Magnetohydrodynamic Stagnation Point Flow of a Maxwell Nanofluid with Variable Conductivity. Communications in Theoretical Physics, 2019, 71, 1493.	2.5	16
112	Effects of Thermal Radiation and Slip Mechanism on Mixed Convection Flow of Williamson Nanofluid Over an Inclined Stretching Cylinder. Communications in Theoretical Physics, 2019, 71, 1405.	2.5	7
113	Heat generation/absorption and velocity slip effects on unsteady axisymmetric flow of Williamson magneto-nanofluid. Modern Physics Letters B, 2019, 33, 1950432.	1.9	7
114	Numerical simulation for MHD flow of Sisko nanofluid over a moving curved surface: A revised model. Microsystem Technologies, 2019, 25, 2411-2428.	2.0	29
115	Numerical interpretation of autocatalysis chemical reaction for nonlinear radiative 3D flow of cross magnetofluid. Pramana - Journal of Physics, 2019, 92, 1.	1.8	41
116	Theoretical aspects of thermophoresis and Brownian motion for three-dimensional flow of the cross fluid with activation energy. Pramana - Journal of Physics, 2019, 92, 1.	1.8	47
117	Consequences of activation energy and binary chemical reaction for 3D flow of Cross-nanofluid with radiative heat transfer. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	89
118	Numerical simulation for solar energy aspects on unsteady convective flow of MHD Cross nanofluid: A revised approach. International Journal of Heat and Mass Transfer, 2019, 131, 495-505.	4.8	69
119	Transient thin film flow of nonlinear radiative Maxwell nanofluid over a rotating disk. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1300-1305.	2.1	46
120	Local non-similar solutions of convective flow of Carreau fluid in the presence of MHD and radiative heat transfer. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	10
121	Impact of non-uniform heat sink/source and convective condition in radiative heat transfer to Oldroyd-B nanofluid: A revised proposed relation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 376-382.	2.1	45
122	Influence of Arrhenius activation energy in chemically reactive radiative flow of 3D Carreau nanofluid with nonlinear mixed convection. Journal of Physics and Chemistry of Solids, 2019, 125, 141-152.	4.0	110
123	Non-linear radiative heat transfer analysis during the flow of Carreau nanofluid due to wedge-geometry: A revised model. International Journal of Heat and Mass Transfer, 2019, 131, 1022-1031.	4.8	22
124	Boundary layer flow of a copper-water nanofluid over a permeable shrinking cylinder with homogenous-hetrogenous reactions: Dual solutions. Thermal Science, 2019, 23, 295-306.	1.1	4
125	Boundary-layer flow and heat transfer of cross fluid over a stretching sheet. Thermal Science, 2019, 23, 307-318.	1.1	30
126	Mathematical modeling and numerical computations of unsteady generalized Newtonian fluid flow with convective heat transfer. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	2

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127	Numerical simulation for heat transfer performance in unsteady flow of Williamson fluid driven by a wedge-geometry. Results in Physics, 2018, 9, 479-485.	4.1	29
128	Boundary layer flow and heat transfer of a modified second grade nanofluid with new mass flux condition. Results in Physics, 2018, 10, 594-600.	4.1	18
129	Unsteady Sisko magneto-nanofluid flow with heat absorption and temperature dependent thermal conductivity: A 3D numerical study. Results in Physics, 2018, 8, 1092-1103.	4.1	20
130	Thermophysical properties of unsteady 3D flow of magneto Carreau fluid in the presence of chemical species: a numerical approach. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	15
131	Mixed convection heat transfer to cross fluid with thermal radiation: Effects of buoyancy assisting and opposing flows. International Journal of Mechanical Sciences, 2018, 138-139, 515-523.	6.7	51
132	On multiple solutions of non-Newtonian Carreau fluid flow over an inclined shrinking sheet. Results in Physics, 2018, 8, 926-932.	4.1	52
133	On radiative heat transfer in stagnation point flow of MHD Carreau fluid over a stretched surface. Results in Physics, 2018, 8, 524-531.	4.1	13
134	On steady two-dimensional Carreau fluid flow over a wedge in the presence of infinite shear rate viscosity. Results in Physics, 2018, 8, 516-523.	4.1	17
135	Thermal radiation effects on Williamson fluid flow due to an expanding/contracting cylinder with nanomaterials: Dual solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1982-1991.	2.1	41
136	Impacts of binary chemical reaction with activation energy on unsteady flow of magneto-Williamson nanofluid. Journal of Molecular Liquids, 2018, 262, 435-442.	4.9	125
137	Interaction between chemical species and generalized Fourier's law on 3D flow of Carreau fluid with variable thermal conductivity and heat sink/source: A numerical approach. Results in Physics, 2018, 10, 107-117.	4.1	50
138	Impact of heat source/sink on radiative heat transfer to Maxwell nanofluid subject to revised mass flux condition. Results in Physics, 2018, 9, 851-857.	4.1	50
139	Unsteady mixed convective flow of Williamson nanofluid with heat transfer in the presence of variable thermal conductivity and magnetic field. Journal of Molecular Liquids, 2018, 260, 436-446.	4.9	86
140	Effects of multiple slip on flow of magneto-Carreau fluid along wedge with chemically reactive species. Neural Computing and Applications, 2018, 30, 2191-2203.	5.6	19
141	Numerical investigation on time-dependent flow of Williamson nanofluid along with heat and mass transfer characteristics past a wedge geometry. International Journal of Heat and Mass Transfer, 2018, 118, 480-491.	4.8	53
142	Numerical study of homogeneous–heterogeneous reactions in Sisko fluid flow past a stretching cylinder. Results in Physics, 2018, 8, 64-70.	4.1	21
143	Investigation of dual solutions in flow of a non-Newtonian fluid with homogeneous–heterogeneous reactions: Critical points. European Journal of Mechanics, B/Fluids, 2018, 68, 30-38.	2.5	28
144	Application of modified Fourier law in von Kármán swirling flow of Maxwell fluid with chemically reactive species. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	14

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145	On model for three-dimensional Carreau fluid flow with Cattaneo–Christov double diffusion and variable conductivity: a numerical approach. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	31
146	Multiple physical aspects during the flow and heat transfer analysis of Carreau fluid with nanoparticles. Scientific Reports, 2018, 8, 17402.	3.3	15
147	Behavior of stratifications and convective phenomena in mixed convection flow of 3D Carreau nanofluid with radiative heat flux. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	14
148	Heat generation/absorption and thermal radiation impacts on three-dimensional flow of Carreau fluid with convective heat transfer. Journal of Molecular Liquids, 2018, 272, 474-480.	4.9	24
149	Impact of autocatalysis chemical reaction on nonlinear radiative heat transfer of unsteady three-dimensional Eyring–Powell magneto-nanofluid flow. Pramana - Journal of Physics, 2018, 91, 1.	1.8	56
150	Significance of static–moving wedge for unsteady Falkner–Skan forced convective flow of MHD cross fluid. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	36
151	Stability analysis in the transient flow of Carreau fluid with non-linear radiative heat transfer and nanomaterials: Critical points. Journal of Molecular Liquids, 2018, 272, 787-800.	4.9	18
152	Thermal and solutal stratifications in flow of Oldroyd-B nanofluid with variable conductivity. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	37
153	Unsteady stagnation-point flow of Williamson fluid generated by stretching/shrinking sheet with Ohmic heating. International Journal of Heat and Mass Transfer, 2018, 126, 933-940.	4.8	57
154	Simultaneous investigation of MHD and convective phenomena on time-dependent flow of Carreau nanofluid with variable properties: Dual solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2334-2342.	2.1	28
155	Chemically reactive flow and heat transfer of magnetite Oldroyd-B nanofluid subject to stratifications. Applied Nanoscience (Switzerland), 2018, 8, 1743-1754.	3.1	30
156	Chemically reactive and radiative von Kármán swirling flow due to a rotating disk. Applied Mathematics and Mechanics (English Edition), 2018, 39, 1295-1310.	3.6	49
157	Modern development on the features of magnetic field and heat sink/source in Maxwell nanofluid subject to convective heat transport. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1992-2002.	2.1	84
158	Aspects of improved heat conduction relation and chemical processes in 3D Carreau fluid flow. Pramana - Journal of Physics, 2018, 91, 1.	1.8	14
159	Numerical simulation of unsteady 3D magneto-Sisko fluid flow with nonlinear thermal radiation and homogeneous–heterogeneous chemical reactions. Pramana - Journal of Physics, 2018, 91, 1.	1.8	16
160	COMBINED POROUS AND MAGNETIC EFFECTS ON SOME FUNDAMENTAL MOTIONS OF NEWTONIAN FLUIDS OVER AN INFINITE PLATE. Journal of Porous Media, 2018, 21, 589-605.	1.9	52
161	Impact of heat transfer analysis on Carreau fluid-flow past a static/moving wedge. Thermal Science, 2018, 22, 809-820.	1.1	8
162	Numerical study of unsteady axisymmetric flow and heat transfer in Carreau fluid past a stretched surface. Thermal Science, 2018, 22, 2859-2869.	1.1	1

#	Article	IF	Citations
163	Non-Fourier's and Fick's laws applications in the flow of temperature dependent thermal conductivity generalized Newtonian liquids: A 3D computational study. Scientia Iranica, 2018, .	0.4	0
164	On Cattaneoâ€"Christov heat flux model for Carreau fluid flow over a slendering sheet. Results in Physics, 2017, 7, 310-319.	4.1	64
165	Characteristics of melting heat transfer during flow of Carreau fluid induced by a stretching cylinder. European Physical Journal E, 2017, 40, 8.	1.6	37
166	On unsteady heat and mass transfer in Carreau nanofluid flow over expanding or contracting cylinder with convective surface conditions. Journal of Molecular Liquids, 2017, 231, 474-484.	4.9	34
167	A 3D Sisko fluid flow with Cattaneo-Christov heat flux model and heterogeneous-homogeneous reactions: A numerical study. Journal of Molecular Liquids, 2017, 238, 19-26.	4.9	34
168	Impact of nonlinear thermal radiation and gyrotactic microorganisms on the Magneto-Burgers nanofluid. International Journal of Mechanical Sciences, 2017, 130, 375-382.	6.7	162
169	An analysis of Cattaneo-Christov double-diffusion model for Sisko fluid flow with velocity slip. Results in Physics, 2017, 7, 1232-1237.	4.1	33
170	Critical values in flow patterns of Magneto-Carreau fluid over a circular cylinder with diffusion species: Multiple solutions. Journal of the Taiwan Institute of Chemical Engineers, 2017, 77, 282-292.	5.3	21
171	Unsteady radiative stagnation point flow of MHD carreau nanofluid over expanding/contracting cylinder. International Journal of Mechanical Sciences, 2017, 130, 64-73.	6.7	42
172	Modeling and simulation for 3D magneto Eyringâ€"Powell nanomaterial subject to nonlinear thermal radiation and convective heating. Results in Physics, 2017, 7, 1899-1906.	4.1	50
173	Computational modelling on 2D magnetohydrodynamic flow of Sisko fluid over a time dependent stretching surface. Results in Physics, 2017, 7, 832-842.	4.1	7
174	Axisymmetric flow and heat transfer to modified second grade fluid over a radially stretching sheet. Results in Physics, 2017, 7, 878-889.	4.1	23
175	Effects of melting and heat generation/absorption on unsteady Falkner-Skan flow of Carreau nanofluid over a wedge. International Journal of Heat and Mass Transfer, 2017, 110, 437-446.	4.8	56
176	Impact of chemical processes on magneto nanoparticle for the generalized Burgers fluid. Journal of Molecular Liquids, 2017, 234, 201-208.	4.9	115
177	Unsteady heat and mass transfer mechanisms in MHD Carreau nanofluidÂflow. Journal of Molecular Liquids, 2017, 225, 554-562.	4.9	123
178	On unsteady Falkner-Skan flow of MHD Carreau nanofluid past a static/moving wedge with convective surface condition. Journal of Molecular Liquids, 2017, 230, 48-58.	4.9	52
179	Numerical analysis of unsteady 3D flow of Carreau nanofluid with variable thermal conductivity and heat source/sink. Results in Physics, 2017, 7, 3315-3324.	4.1	69
180	Numerical investigation of magneto-nanoparticles for unsteady 3D generalized Newtonian liquid flow. European Physical Journal Plus, 2017, 132, 1.	2.6	24

#	Article	IF	Citations
181	An improved heat conduction and mass diffusion models for rotating flow of an Oldroyd-B fluid. Results in Physics, 2017, 7, 3583-3589.	4.1	55
182	On axisymmetric flow and heat transfer of Cross fluid over a radially stretching sheet. Results in Physics, 2017, 7, 3767-3772.	4.1	52
183	A review on slip-flow and heat transfer performance of nanofluids from a permeable shrinking surface with thermal radiation: Dual solutions. Chemical Engineering Science, 2017, 173, 1-11.	3.8	67
184	Unsteady slip flow of Carreau nanofluid over a wedge with nonlinear radiation and new mass flux condition. Results in Physics, 2017, 7, 2261-2270.	4.1	34
185	Authors' response to the specious "Comment on the paper, on Cattaneo-Christov heat flux model for Carreau fluid flow over a slendering sheet, Hashim, Masood Khan, Results in Physics, 7 (2017) 310–319". Results in Physics, 2017, 7, 1799-1800.	4.1	0
186	Thermally radiative convective flow of magnetic nanomaterial: A revised model. Results in Physics, 2017, 7, 2439-2444.	4.1	8
187	A new modeling for 3D Carreau fluid flow considering nonlinear thermal radiation. Results in Physics, 2017, 7, 2692-2704.	4.1	71
188	Numerically framing the impact of radiation on magnetonanoparticles for 3D Sisko fluid flow. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 4475-4487.	1.6	35
189	Axisymmetric flow and heat transfer of the Carreau fluid due to a radially stretching sheet: Numerical study. Journal of Applied Mechanics and Technical Physics, 2017, 58, 410-418.	0.5	10
190	Effects of magnetic field and partial slip on unsteady axisymmetric flow of Carreau nanofluid over a radially stretching surface. Results in Physics, 2017, 7, 2671-2682.	4.1	30
191	Homotopic solutions for unsteady second grade liquid utilizing non-Fourier double diffusion concept. Results in Physics, 2017, 7, 2798-2803.	4.1	9
192	Numerical assessment of solar energy aspects on 3D magneto-Carreau nanofluid: A revised proposed relation. International Journal of Hydrogen Energy, 2017, 42, 22054-22065.	7.1	48
193	Impact of forced convective radiative heat and mass transfer mechanisms on 3D Carreau nanofluid: A numerical study. European Physical Journal Plus, 2017, 132, 1.	2.6	21
194	Consequences of non-Fourier's heat conduction relation and chemical processes for viscoelastic liquid. Results in Physics, 2017, 7, 3281-3286.	4.1	12
195	Impact of melting heat transfer and nonlinear radiative heat flux mechanisms for the generalized Burgers fluids. Results in Physics, 2017, 7, 4025-4032.	4.1	37
196	Influence of non-linear thermal radiation on 2D unsteady flow of a Williamson fluid with heat source/sink. Results in Physics, 2017, 7, 3968-3975.	4.1	42
197	Combined effects of magnetohydrodynamics and radiation on nano Sisko fluid towards a nonlinear stretching sheet. Results in Physics, 2017, 7, 2458-2469.	4.1	6
198	Numerical simulation for flow and heat transfer to Carreau fluid with magnetic field effect: Dual nature study. Journal of Magnetism and Magnetic Materials, 2017, 443, 13-21.	2.3	39

#	Article	IF	Citations
199	Homogeneous-heterogeneous reactions in modified second grade fluid over a non-linear stretching sheet with Newtonian heating. Results in Physics, 2017, 7, 4364-4370.	4.1	12
200	Study of an MHD Flow of the Carreau Fluid Flow Over a Stretching Sheet with a Variable Thickness by Using an Implicit Finite Difference Scheme. Journal of Applied Mechanics and Technical Physics, 2017, 58, 1033-1039.	0.5	16
201	MHD Stagnation-Point Flow of a Carreau Fluid and Heat Transfer in the Presence of Convective Boundary Conditions. PLoS ONE, 2016, 11, e0157180.	2.5	42
202	Mixed convection heat transfer to modified second grade fluid in the presence of thermal radiation. Journal of Molecular Liquids, 2016, 223, 217-223.	4.9	33
203	Nonlinear radiative heat transfer to stagnation-point flow of Sisko fluid past a stretching cylinder. AIP Advances, 2016, 6, 055315.	1.3	14
204	Unsteady boundary layer flow of Carreau fluid over a permeable stretching surface. Results in Physics, 2016, 6, 1168-1174.	4.1	36
205	MHD boundary layer flow of a power-law nanofluid with new mass flux condition. AIP Advances, 2016, 6, .	1.3	71
206	Assessment on characteristics of heterogeneous-homogenous processes in three-dimensional flow of Burgers fluid. Results in Physics, 2016, 6, 772-779.	4.1	48
207	Impact of thermophoresis particle deposition on three-dimensional radiative flow of Burgers fluid. Results in Physics, 2016, 6, 829-836.	4.1	32
208	Magnetohydrodynamic flow of Carreau fluid over a convectively heated surface in the presence of non-linear radiation. Journal of Magnetism and Magnetic Materials, 2016, 412, 63-68.	2.3	92
209	Flow and heat transfer to Sisko fluid with partial slip. Canadian Journal of Physics, 2016, 94, 724-730.	1.1	3
210	Impact of chemical processes on 3D Burgers fluid utilizing Cattaneo-Christov double-diffusion: Applications of non-Fourier's heat and non-Fick's mass flux models. Journal of Molecular Liquids, 2016, 223, 1039-1047.	4.9	63
211	A revised model to analyze the heat and mass transfer mechanisms in the flow of Carreau nanofluids. International Journal of Heat and Mass Transfer, 2016, 103, 291-297.	4.8	60
212	Cattaneo-Christov heat flux model for Sisko fluid flow past a permeable non-linearly stretching cylinder. Journal of Molecular Liquids, 2016, 222, 430-434.	4.9	33
213	Exact solution of an electroosmotic flow for generalized Burgers fluid in cylindrical domain. Results in Physics, 2016, 6, 933-939.	4.1	15
214	Numerical investigation of generalized Fourier's and Fick's laws for Sisko fluid flow. Journal of Molecular Liquids, 2016, 224, 1016-1021.	4.9	48
215	Non-linear radiative flow of three-dimensional Burgers nanofluid with new mass flux effect. International Journal of Heat and Mass Transfer, 2016, 101, 570-576.	4.8	125
216	Three-dimensional flow and heat transfer to burgers fluid using Cattaneo-Christov heat flux model. Journal of Molecular Liquids, 2016, 221, 651-657.	4.9	56

#	Article	IF	Citations
217	On heat transfer analysis of axisymmetric flow of viscous fluid over a nonlinear radially stretching sheet. AEJ - Alexandria Engineering Journal, 2016, 55, 2423-2429.	6.4	22
218	Steady flow of Burgers' nanofluid over a stretching surface with heat generation/absorption. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 2359-2367.	1.6	43
219	Convective flow of Sisko fluid over a wedge with viscous dissipation. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 581-587.	1.6	10
220	Forced convective heat transfer to Sisko nanofluid past a stretching cylinder in the presence of variable thermal conductivity. Journal of Molecular Liquids, 2016, 218, 1-7.	4.9	43
221	MHD flow and heat transfer of Sisko fluid over a radially stretching sheet with convective boundary conditions. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 1279-1289.	1.6	13
222	Analytic and numerical solutions for axisymmetric flow with partial slip. Engineering With Computers, 2016, 32, 149-154.	6.1	79
223	Mixed convective heat transfer to Sisko fluid over a radially stretching sheet in the presence of convective boundary conditions. AIP Advances, 2015, 5, .	1.3	17
224	Forced convective heat transfer to Sisko fluid flow past a stretching cylinder. AIP Advances, 2015, 5, 127202.	1.3	12
225	A note on convective heat transfer of an MHD Jeffrey fluid over a stretching sheet. AIP Advances, 2015, 5, .	1.3	79
226	Boundary layer flow and heat transfer to Carreau fluid over a nonlinear stretching sheet. AIP Advances, 2015, 5, .	1.3	104
227	Forced convection analysis for generalized Burgers nanofluid flow over a stretching sheet. AIP Advances, 2015, 5, .	1.3	56
228	Flow and heat transfer to modified second grade fluid over a non-linear stretching sheet. AIP Advances, 2015, 5, .	1.3	26
229	Self-Similar Unsteady Flow of a Sisko Fluid in a Cylindrical Tube Undergoing Translation. Mathematical Problems in Engineering, 2015, 2015, 1-14.	1.1	7
230	Exact solutions of MHD second Stokes flow of generalized Burgers fluid. Applied Mathematics and Mechanics (English Edition), 2015, 36, 211-224.	3.6	19
231	MHD flow and heat transfer of a viscous fluid over a radially stretching power-law sheet with suction/injection in a porous medium. Journal of Applied Mechanics and Technical Physics, 2015, 56, 231-240.	0.5	9
232	Mixed convection heat transfer in Sisko fluid with viscous dissipation: Effects of assisting and opposing buoyancy. Chemical Engineering Research and Design, 2015, 97, 120-127.	5.6	13
233	Flow and Heat Transfer to Sisko Nanofluid over a Nonlinear Stretching Sheet. PLoS ONE, 2015, 10, e0125683.	2.5	39
234	Convective Flow of Sisko Fluid over a Bidirectional Stretching Surface. PLoS ONE, 2015, 10, e0130342.	2.5	39

#	Article	IF	Citations
235	Three-Dimensional Flow of an Oldroyd-B Nanofluid towards Stretching Surface with Heat Generation/Absorption. PLoS ONE, 2014, 9, e105107.	2.5	79
236	Flow and Heat Transfer in Sisko Fluid with Convective Boundary Condition. PLoS ONE, 2014, 9, e107989.	2.5	54
237	Analytic approximate solutions for time-dependent flow and heat transfer of a Sisko fluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2014, 24, 1005-1019.	2.8	9
238	Forced Convective Heat Transfer in Boundary Layer Flow of Sisko Fluid over a Nonlinear Stretching Sheet. PLoS ONE, 2014, 9, e100056.	2.5	12
239	INFLUENCE OF HALL CURRENT ON OSCILLATORY COUETTE FLOW IN THE PRESENCE OF AN INCLINED MAGNETIC FIELD THROUGH POROUS MEDIUM. Journal of Porous Media, 2014, 17, 81-92.	1.9	3
240	STARTING SOLUTION FOR AN MHD OLDROYD-B FLUID FLOW THROUGH POROUS SPACE. Journal of Porous Media, 2014, 17, 797-809.	1.9	0
241	On stagnation point flow of Sisko fluid over a stretching sheet. Meccanica, 2013, 48, 2391-2400.	2.0	10
242	Symmetries of second-order systems of ODEs and integrability. Nonlinear Dynamics, 2013, 74, 969-989.	5.2	5
243	Radiation effects on the thermal boundary layer flow of a micropolar fluid towards a permeable stretching sheet. Journal of the Franklin Institute, 2013, 350, 194-210.	3.4	32
244	On boundary layer flow of a Sisko fluid over a stretching sheet. Quaestiones Mathematicae, 2013, 36, 137-151.	0.6	65
245	Second-Order Systems of ODEs Admitting Three-Dimensional Lie Algebras and Integrability. Journal of Applied Mathematics, 2013, 2013, 1-15.	0.9	7
246	Stokes' First Problem for an MHD Burgers Fluid. Communications in Theoretical Physics, 2013, 59, 99-104.	2.5	4
247	Falknerâ€"Skan Boundary Layer Flow of a Sisko Fluid. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 469-478.	1.5	4
248	On axisymmetric flow of Sisko fluid over a radially stretching sheet. International Journal of Non-Linear Mechanics, 2012, 47, 999-1007.	2.6	42
249	Flow of a fractional Oldroyd-B fluid over a plane wall that applies a time-dependent shear to the fluid. , 2012, , .		1
250	On the Exact Solution for Axisymmetric Flow and Heat Transfer over a Nonlinear Radially Stretching Sheet. Chinese Physics Letters, 2012, 29, 084705.	3.3	68
251	Starting solutions for oscillating motions of an Oldroyd-B fluid over a plane wall. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 472-482.	3.3	8
252	Steady flow and heat transfer of a magnetohydrodynamic Sisko fluid through porous medium in annular pipe. International Journal for Numerical Methods in Fluids, 2012, 69, 1907-1922.	1.6	6

#	Article	IF	Citations
253	On exact solutions of Stokes second problem for MHD Oldroyd-B fluid. Nuclear Engineering and Design, 2012, 243, 20-32.	1.7	9
254	Algebraic linearization criteria for systems of ordinary differential equations. Nonlinear Dynamics, 2012, 67, 2053-2062.	5.2	12
255	ON THE EXACT SOLUTIONS FOR OSCILLATING FLOW OF A MHD SECOND-GRADE FLUID THROUGH POROUS MEDIA. Special Topics and Reviews in Porous Media, 2012, 3, 13-22.	1.1	4
256	Some Unsteady Flows of a Jeffrey Fluid between Two Side Walls over a Plane Wall. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 745-752.	1.5	10
257	On exact solutions of Stokes second problem for a Burgers' fluid, II. The cases $\gamma = \alpha \nu^2/4$ and $\gamma > \nu^2/4$. Zeitschrift Fur Angewandte Mathematik Und Physik, 2011, 62, 749-759.	1.4	2
258	Heat transfer analysis of the steady flow of an Oldroyd 8-constant fluid due to a suddenly moved plate. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1347-1355.	3.3	16
259	ANALYTIC SOLUTIONS FOR MHD FLOWS OF AN OLDROYD-B FLUID BETWEEN TWO SIDEWALLS PERPENDICULAR TO THE PLATE. Chemical Engineering Communications, 2011, 198, 1415-1434.	2.6	5
260	MHD Flow of an Oldroyd-B Fluid through a Porous Space Induced by Sawtooth Pulses. Chinese Physics Letters, 2011, 28, 084701.	3.3	7
261	STARTING SOLUTION FOR SOME OSCILLATORY ROTATING FLOWS OF MAGNETOHYDRODYNAMIC SECOND-GRADE FLUID THROUGH POROUS SPACE. Journal of Porous Media, 2011, 14, 723-734.	1.9	1
262	CLOSED-FORM SOLUTIONS FOR MHD FLOW OF A SECOND-GRADE FLUID THROUGH POROUS SPACE. Special Topics and Reviews in Porous Media, 2011, 2, 125-132.	1.1	6
263	Magnetohydrodynamic flow of a Sisko fluid in annular pipe: A numerical study. International Journal for Numerical Methods in Fluids, 2010, 62, 1169-1180.	1.6	15
264	On exact solutions for some oscillating motions of a generalized Oldroyd-B fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2010, 61, 133-145.	1.4	16
265	On exact solutions of Stokes second problem for a Burgers' fluid, I. The case $\gamma < \alpha \nu^2/4$. Zeitschrift Fur Angewandte Mathematik Und Physik, 2010, 61, 697-720.	1.4	11
266	Exact solutions for some oscillating motions of a fractional Burgers' fluid. Mathematical and Computer Modelling, 2010, 51, 682-692.	2.0	58
267	A note on longitudinal oscillations of a generalized Burgers fluid in cylindrical domains. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 350-361.	2.4	46
268	Steady flow and heat transfer of a Sisko fluid in annular pipe. International Journal of Heat and Mass Transfer, 2010, 53, 1290-1297.	4.8	64
269	EXACT SOLUTIONS FOR THE UNSTEADY FLOW OF A BURGERS' FLUID BETWEEN TWO SIDEWALLS PERPENDICULAR TO THE PLATE. Chemical Engineering Communications, 2010, 197, 1367-1386.	2.6	17
270	OSCILLATORY ROTATING FLOWS OF A FRACTIONAL JEFFREY FLUID FILLING A POROUS SPACE. Journal of Porous Media, 2010, 13, 29-38.	1.9	11

#	Article	IF	Citations
271	ON HEAT TRANSFER ANALYSIS OF A MAGNETO-HYDRODYNAMIC SISKO FLUID THROUGH A POROUS MEDIUM. Journal of Porous Media, 2010, 13, 287-294.	1.9	10
272	Energetic Balance for the Flow Induced by a Constantly Accelerating Plate in a Second Grade Fluid. Engineering, 2010, 02, 466-470.	0.8	0
273	On accelerated flows of a viscoelastic fluid with the fractional Burgers' model. Nonlinear Analysis: Real World Applications, 2009, 10, 2286-2296.	1.7	70
274	Exact solutions of accelerated flows for a Burgers' fluid II. The cases $\gamma = \nu^2/4$ and $\gamma > \nu^2/4$. Zeitschrift Fur Angewandte Mathematik Und Physik, 2009, 60, 701-722.	1.4	3
275	New exact solutions for magnetohydrodynamic flows of an Oldroyd-B fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2009, 60, 1206-1219.	1.4	5
276	Flow of a generalized second-grade fluid between two side walls perpendicular to a plate with a fractional derivative model. Nonlinear Analysis: Real World Applications, 2009, 10, 203-208.	1.7	17
277	Hall effect on the pipe flow of a Burgers' fluid: An exact solution. Nonlinear Analysis: Real World Applications, 2009, 10, 974-979.	1.7	11
278	Some accelerated flows for a generalized Oldroyd-B fluid. Nonlinear Analysis: Real World Applications, 2009, 10, 980-991.	1.7	27
279	Exact solutions of starting flows for a fractional Burgers' fluid between coaxial cylinders. Nonlinear Analysis: Real World Applications, 2009, 10, 1775-1783.	1.7	33
280	Exact solutions for a viscoelastic fluid with the generalized Oldroyd-B model. Nonlinear Analysis: Real World Applications, 2009, 10, 2590-2599.	1.7	20
281	The Rayleigh–Stokes problem for an edge in a viscoelastic fluid with a fractional derivative model. Nonlinear Analysis: Real World Applications, 2009, 10, 3190-3195.	1.7	37
282	Exact solutions for some oscillating flows of a second grade fluid with a fractional derivative model. Mathematical and Computer Modelling, 2009, 49, 1519-1530.	2.0	26
283	Decay of potential vortex for a viscoelastic fluid with fractional Maxwell model. Applied Mathematical Modelling, 2009, 33, 2526-2533.	4.2	43
284	Heat Transfer Analysis and Magnetohydrodynamic Flow of a Non-Newtonian Fluid through a Porous Medium with Slip at the Wall. Journal of Porous Media, 2009, 12, 277-287.	1.9	10
285	Reduction and Solutions for Magnetohydrodynamic Flow of a Sisko Fluid in a Porous Medium. Journal of Porous Media, 2009, 12, 695-714.	1.9	13
286	Exact Solution of Oscillatory Rotating Flows of a Generalized Oldroyd-B Fluid through Porous Medium. Journal of Porous Media, 2009, 12, 777-788.	1.9	12
287	Exact Solutions for the Accelerated Flows of a Generalized Second-Grade Fluid between Two Sidewalls Perpendicular to the Plate. Journal of Porous Media, 2009, 12, 919-926.	1.9	2
288	Analytic solution for flow of Sisko fluid through a porous medium. Transport in Porous Media, 2008, 71, 23-37.	2.6	52

#	ARTICLE	IF	CITATIONS
289	Unsteady flow of an Oldroyd-B fluid induced by the impulsive motion of a plate between two side walls perpendicular to the plate. Acta Mechanica, 2008, 198, 21-33.	2.1	28
290	Slip effects on shearing flows in a porous medium. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 51-59.	3.4	12
291	Some exact solutions for fractional generalized Burgers' fluid in a porous space. Nonlinear Analysis: Real World Applications, 2008, 9, 1952-1965.	1.7	30
292	Exact solutions of accelerated flows for a Burgers' fluid. I. The case. Applied Mathematics and Computation, 2008, 203, 881-894.	2.2	15
293	Decay of a potential vortex in a generalized Oldroyd-B fluid. Applied Mathematics and Computation, 2008, 205, 497-506.	2.2	28
294	Exact solution for rotating flows of a generalized Burgers' fluid in a porous space. Applied Mathematical Modelling, 2008, 32, 749-760.	4.2	41
295	MHD flows of a second grade fluid between two side walls perpendicular to a plate through a porous medium. International Journal of Non-Linear Mechanics, 2008, 43, 302-319.	2.6	34
296	Exact solutions of starting flows for second grade fluid in a porous medium. International Journal of Non-Linear Mechanics, 2008, 43, 868-879.	2.6	23
297	Non-linear peristaltic flow of a non-Newtonian fluid under effect of a magnetic field in a planar channel. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 910-919.	3.3	55
298	The effect of the slip condition on flows of an Oldroyd 6-constant fluid. Journal of Computational and Applied Mathematics, 2007, 202, 402-413.	2.0	53
299	Numerical study of partial slip on the MHD flow of an Oldroyd 8-constant fluid. Computers and Mathematics With Applications, 2007, 53, 1088-1097.	2.7	20
300	Peristaltic transport of a third order fluid under the effect of a magnetic field. Computers and Mathematics With Applications, 2007, 53, 1074-1087.	2.7	62
301	Transient oscillatory and constantly accelerated non-Newtonian flow in a porous medium. International Journal of Non-Linear Mechanics, 2007, 42, 1224-1239.	2.6	23
302	MHD transient flows in a channel of rectangular cross-section with porous medium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 44-54.	2.1	30
303	Effects of Hall current on f lows of a Burgers' fluid through a porous medium. Transport in Porous Media, 2007, 68, 249-263.	2.6	9
304	The influence of Hall current on the rotating oscillating flows of an Oldroyd-B fluid in a porous medium. Nonlinear Dynamics, 2007, 47, 353-362.	5.2	46
305	Hall and heat transfer effects on the steady flow of a generalized Burgers' fluid induced by a sudden pull of eccentric rotating disks. Nonlinear Dynamics, 2007, 51, 267-276.	5.2	17
306	On the MHD flow of fractional generalized Burgers' fluid with modified Darcy's law. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 257-261.	3.4	60

#	Article	IF	Citations
307	Exact Solution for the Magnetohydrodynamic Flows of an Oldroyd-B Fluid through a Porous Medium. Journal of Porous Media, 2007, 10, 391-399.	1.9	9
308	Partial Slip Effects on the Oscillatory Flows of a Fractional Jeffrey Fluid in a Porous Medium. Journal of Porous Media, 2007, 10, 473-488.	1.9	41
309	Influence of Hall Current on Rotating Flow of a Burgers' Fluid through a Porous Space. Journal of Porous Media, 2007, 11, 277-287.	1.9	17
310	Hall effect on flows of an Oldroyd-B fluid through porous medium for cylindrical geometries. Computers and Mathematics With Applications, 2006, 52, 269-282.	2.7	26
311	Non-Newtonian flow between concentric cylinders. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 297-305.	3.3	14
312	Exact solution for MHD flow of a generalized Oldroyd-B fluid with modified Darcy's law. International Journal of Engineering Science, 2006, 44, 333-339.	5.0	109
313	Some analytical solutions for second grade fluid flows for cylindrical geometries. Mathematical and Computer Modelling, 2006, 43, 16-29.	2.0	60
314	Influence of Hall current on the flows of a generalized Oldroyd-B fluid in a porous space. Acta Mechanica, 2006, 184, 1-13.	2.1	86
315	A Mathematical Model of Peristalsis in Tubes through a Porous Medium. Journal of Porous Media, 2006, 9, 55-67.	1.9	25
316	Steady Flow of an Oldroyd 8-Constant Fluid between Coaxial Cylinders in a Porous Medium. Journal of Porous Media, 2006, 9, 709-722.	1.9	16
317	Unsteady motions of a generalized second-grade fluid. Mathematical and Computer Modelling, 2005, 41, 629-637.	2.0	52
318	Magnetohydrodynamic transient flows of a non-Newtonian fluid. International Journal of Non-Linear Mechanics, 2005, 40, 589-601.	2.6	18
319	On non-linear flows with slip boundary condition. Zeitschrift Fur Angewandte Mathematik Und Physik, 2005, 56, 1012-1029.	1.4	41
320	Homotopy Solutions for a Generalized Second-Grade Fluid Past a Porous Plate. Nonlinear Dynamics, 2005, 42, 395-405.	5.2	158
321	Magnetic Fluid Model Induced by Peristaltic Waves. Journal of the Physical Society of Japan, 2004, 73, 2142-2147.	1.6	32
322	Homotopy analysis of MHD flows of an Oldroyd 8-constant fluid. Acta Mechanica, 2004, 168, 213-232.	2.1	210
323	Transient flows of a second grade fluid. International Journal of Non-Linear Mechanics, 2004, 39, 1621-1633.	2.6	81
324	Exact solutions of flow problems of an Oldroyd-B fluid. Applied Mathematics and Computation, 2004, 151, 105-119.	2.2	78

#	Article	IF	Citations
325	Magnetohydrodynamic flow of an Oldroyd 6-constant fluid. Applied Mathematics and Computation, 2004, 155, 417-425.	2.2	63
326	On the explicit analytic solutions of an Oldroyd 6-constant fluid. International Journal of Engineering Science, 2004, 42, 123-135.	5.0	174
327	Couette and Poiseuille flows of an Oldroyd 6-constant fluid with magnetic field. Journal of Mathematical Analysis and Applications, 2004, 298, 225-244.	1.0	100
328	Exact solutions for magnetohydrodynamic flow in a rotating fluid. Acta Mechanica Sinica/Lixue Xuebao, 2002, 18, 244-251.	3.4	5
329	Exact solutions in MHD rotating flow. Mechanics Research Communications, 2001, 28, 485-491.	1.8	2
330	Convective Heat Transfer to Sisko Fluid over a Nonlinear Radially Stretching Sheet. , 0, , .		1
331	Thermal and solutal transport analysis in swirling flow of Maxwell fluid subject to Cattaneo–Christov theory. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110365.	2.5	1
332	Hydrodynamic and thermal analysis of CNT-based nanofluids over rotating and vertically moving disk. Waves in Random and Complex Media, 0, , 1-16.	2.7	2
333	Convective transport of thermal and solutal energy in unsteady MHD Oldroyd-B nanofluid flow. Physica Scripta, 0, , .	2.5	16
334	Study on time-dependent Oldroyd-B fluid flow over a convectively heated surface with Cattaneo-Christov theory. Waves in Random and Complex Media, 0, , 1-18.	2.7	5
335	Study of buoyancy effects in unsteady stagnation point flow of Maxwell nanofluid over a vertical stretching sheet in the presence of Joule heating. Waves in Random and Complex Media, 0, , 1-15.	2.7	10
336	Binary chemically reactive flow of time-dependent Oldroyd-B nanofluid with variable properties. Waves in Random and Complex Media, 0, , 1-21.	2.7	2
337	Theoretical investigation of time-dependent Oldroyd-B nanofluid flow containing gyrotactic microorganisms due to stretching cylinder. Waves in Random and Complex Media, 0, , 1-19.	2.7	3
338	Fluid relaxation and retardation time properties in the flow of Burgers fluid subject to modified heat and mass flux theory. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110670.	2.5	0
339	Significance of the Cattaneo–Christov theory for heat transport in swirling flow over a rotating cylinder. Waves in Random and Complex Media, 0, , 1-13.	2.7	19
340	Theory of activation energy and thermophoretic dispersion of nanoparticles in nonlinear radiative Maxwell nanofluid. Waves in Random and Complex Media, 0, , 1-12.	2.7	3
341	Melting heat transfer by forced convection of Sisko fluid. Waves in Random and Complex Media, 0, , 1-12.	2.7	0
342	Significance of ethylene glycol-based CNT Homann nanofluid flow over a biaxially stretching surface. Waves in Random and Complex Media, 0, , 1-15.	2.7	18