

# Saeed Islam

## List of Publications by Year in descending order

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281  
papers

7,403  
citations

50276

46  
h-index

114465

63  
g-index

285  
all docs

285  
docs citations

285  
times ranked

2377  
citing authors

#	ARTICLE	IF	CITATIONS
1	A memory effect model to predict COVID-19: analysis and simulation. Computer Methods in Biomechanics and Biomedical Engineering, 2023, 26, 612-628.	1.6	7
2	New cylindrically symmetric solution of Einstein field equations their conservation laws and the particles dynamics. Indian Journal of Physics, 2022, 96, 971-979.	1.8	0
3	Design of Backpropagated Intelligent Networks for Nonlinear Second-Order Lane–Emden Pantograph Delay Differential Systems. Arabian Journal for Science and Engineering, 2022, 47, 1197-1210.	3.0	30
4	Soft computing paradigm for Ferrofluid by exponentially stretched surface in the presence of magnetic dipole and heat transfer. AEJ - Alexandria Engineering Journal, 2022, 61, 1607-1623.	6.4	33
5	Dynamics of a fractional order Zika virus model with mutant. AEJ - Alexandria Engineering Journal, 2022, 61, 4821-4836.	6.4	21
6	Computational intelligence of Levenberg-Marquardt backpropagation neural networks to study thermal radiation and Hall effects on boundary layer flow past a stretching sheet. International Communications in Heat and Mass Transfer, 2022, 130, 105799.	5.6	39
7	Mathematical modeling for the transmission potential of Zika virus with optimal control strategies. European Physical Journal Plus, 2022, 137, 1.	2.6	22
8	Thin film flow of carreau nanofluid over a stretching surface with magnetic field: Numerical treatment with intelligent computing paradigm. International Journal of Modern Physics B, 2022, 36, .	2.0	7
9	Numerical modeling of unsteady MHD flow of Casson fluid in a vertical surface with chemical reaction and Hall current. Advances in Mechanical Engineering, 2022, 14, 168781322210854.	1.6	12
10	A comparative analysis of the performance of magnetised copper–copper oxide/water and copper–copper oxide/kerosene oil hybrid nanofluids flowing through an extending surface with velocity slips and thermal convective conditions. International Journal of Ambient Energy, 2022, 43, 7330-7348.	2.5	18
11	Modification of the Optimal Auxiliary Function Method for Solving Fractional Order KdV Equations. Fractal and Fractional, 2022, 6, 288.	3.3	4
12	Heat Transfer Analysis of the MHD Stagnation Point Flow of a Non-Newtonian Tangent Hyperbolic Hybrid Nanofluid past a Non-Isothermal Flat Plate with Thermal Radiation Effect. Journal of Nanomaterials, 2022, 2022, 1-12.	2.7	11
13	Neuro-Computing for Hall Current and MHD Effects on the Flow of Micro-Polar Nano-Fluid Between Two Parallel Rotating Plates. Arabian Journal for Science and Engineering, 2022, 47, 16371-16391.	3.0	12
14	Comparative Evaluation of the Optimal Auxiliary Function Method and Numerical Method to Explore the Heat Transfer between Two Parallel Porous Plates of Steady Nanofluids with Brownian and Thermophoretic Influences. Mathematical Problems in Engineering, 2022, 2022, 1-16.	1.1	2
15	An optimal analysis for magnetohydrodynamics <sc>Darcy–Forchheimer</sc> boundary layer radiative flow past a porous medium. Computational and Mathematical Methods, 2021, 3, e1136.	0.8	0
16	Novel insights into the computational techniques in unsteady MHD second–grade fluid dynamics with oscillatory boundary conditions. Heat Transfer, 2021, 50, 2502-2524.	3.0	5
17	Mathematical modeling and study of MHD flow of Williamson nanofluid over a nonlinear stretching plate with activation energy. Heat Transfer, 2021, 50, 2558-2570.	3.0	31
18	A new analytical approach for the research of thin–film flow of magneto hydrodynamic fluid in the presence of thermal conductivity and variable viscosity. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e201900292.	1.6	12

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19	MHD bioconvection Darcy–Forchheimer flow of Casson nanofluid over a rotating disk with entropy optimization. <i>Heat Transfer</i> , 2021, 50, 2168-2196.	3.0	22
20	Ergodicity & dynamical aspects of a stochastic childhood disease model. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 738-764.	4.4	2
21	COMPUTATIONAL MODELING AND THEORETICAL ANALYSIS OF NONLINEAR FRACTIONAL ORDER PREY–PREDATOR SYSTEM. <i>Fractals</i> , 2021, 29, 2150001.	3.7	6
22	Modeling and analysis of the dynamics of novel coronavirus (COVID-19) with Caputo fractional derivative. <i>Results in Physics</i> , 2021, 20, 103669.	4.1	51
23	Explication of the conserved quantities corresponding to the spacetimes carrying 10 Noether symmetries. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2150053.	2.0	1
24	Particle dynamics around quintessential Reissner-Nordström black hole. <i>Results in Physics</i> , 2021, 21, 103790.	4.1	3
25	The Fractional View Analysis of Polytropic Gas, Unsteady Flow System. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-17.	1.1	0
26	Comparative study of generalized couette flow of couple stress fluid using optimal homotopy asymptotic method and new iterative method. <i>Scientific Reports</i> , 2021, 11, 3478.	3.3	7
27	Influence of Brownian motion and thermophoresis parameters on silver-based Di-Hydrogen CNTs between two stretchable rotating disks. <i>Physica Scripta</i> , 2021, 96, 055205.	2.5	20
28	Dynamics of fractional order COVID-19 model with a case study of Saudi Arabia. <i>Results in Physics</i> , 2021, 21, 103787.	4.1	67
29	A fractional order mathematical model for COVID-19 dynamics with quarantine, isolation, and environmental viral load. <i>Advances in Difference Equations</i> , 2021, 2021, 106.	3.5	75
30	NEW ITERATIVE TRANSFORM METHOD FOR TIME AND SPACE FRACTIONAL $(n + 1)$ -DIMENSIONAL HEAT AND WAVE TYPE EQUATIONS. <i>Fractals</i> , 2021, 29, 2150056.	3.7	9
31	Effects of Joule Heating and Viscous Dissipation on Magnetohydrodynamic Boundary Layer Flow of Jeffrey Nanofluid over a Vertically Stretching Cylinder. <i>Coatings</i> , 2021, 11, 353.	2.6	55
32	Three-Dimensional Rotating Flow of MHD Jeffrey Fluid Flow between Two Parallel Plates with Impact of Hall Current. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-9.	1.1	17
33	Stochastic modeling of within host dynamics of HCV model under therapy. <i>Results in Physics</i> , 2021, 22, 103826.	4.1	5
34	A convective flow of Williamson nanofluid through cone and wedge with non-isothermal and non-isosolutal conditions: A revised Buongiorno model. <i>Case Studies in Thermal Engineering</i> , 2021, 24, 100869.	5.7	46
35	A fractal-fractional order Atangana-Baleanu model for Hepatitis B virus with asymptomatic class. <i>Physica Scripta</i> , 2021, 96, 074001.	2.5	9
36	A stochastic numerical analysis based on hybrid NAR-RBFs networks nonlinear Sitr model for novel COVID-19 dynamics. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 202, 105973.	4.7	113

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37	Impact of Nanofluid Flow over an Elongated Moving Surface with a Uniform Hydromagnetic Field and Nonlinear Heat Reservoir. Complexity, 2021, 2021, 1-9.	1.6	7
38	Design of intelligent computing networks for numerical treatment of thin film flow of Maxwell nanofluid over a stretched and rotating surface. Surfaces and Interfaces, 2021, 24, 101107.	3.0	37
39	Joule heating in magnetohydrodynamic micropolar boundary layer flow past a stretching sheet with chemical reaction and microstructural slip. Case Studies in Thermal Engineering, 2021, 25, 100870.	5.7	46
40	Numerical Simulation of Heat Mass Transfer Effects on MHD Flow of Williamson Nanofluid by a Stretching Surface with Thermal Conductivity and Variable Thickness. Coatings, 2021, 11, 684.	2.6	13
41	Thermal Radiation Effects on Unsteady Stagnation Point Nanofluid Flow in View of Convective Boundary Conditions. Mathematical Problems in Engineering, 2021, 2021, 1-13.	1.1	6
42	Numerical simulation of electrically conducting and thermally radiative nanofluid flow in view of elongated slippery plates. AIP Advances, 2021, 11, 065019.	1.3	2
43	Fractional study of Huanglongbing model with singular and non- singular kernel. Chaos, Solitons and Fractals, 2021, 148, 111037.	5.1	11
44	A correlational study: Establishing the link between quantum parameters and particle dynamics around Schwarzschild black hole. Results in Physics, 2021, 26, 104346.	4.1	0
45	Heat transfer between two porous parallel plates of steady nano fluidis with Brownian and Thermophoretic effects: A new stochastic numerical approach. International Communications in Heat and Mass Transfer, 2021, 126, 105436.	5.6	26
46	Impact of Hall Current and Nonlinear Thermal Radiation on Jeffrey Nanofluid Flow in Rotating Frame. Mathematical Problems in Engineering, 2021, 2021, 1-21.	1.1	6
47	Cattaneo-Christov theory for a time-dependent magnetohydrodynamic Maxwell fluid flow through a stretching cylinder. Advances in Mechanical Engineering, 2021, 13, 168781402110301.	1.6	17
48	Cattaneo-christov heat flux model of 3D hall current involving biconvection nanofluidic flow with Darcy-Forchheimer law effect: Backpropagation neural networks approach. Case Studies in Thermal Engineering, 2021, 26, 101168.	5.7	41
49	Magnetized and non-magnetized Casson fluid flow with gyrotactic microorganisms over a stratified stretching cylinder. Scientific Reports, 2021, 11, 16376.	3.3	27
50	Falkner-Skan Equation with Heat Transfer: A New Stochastic Numerical Approach. Mathematical Problems in Engineering, 2021, 2021, 1-17.	1.1	11
51	The dynamics of fractional order Hepatitis B virus model with asymptomatic carriers. AEJ - Alexandria Engineering Journal, 2021, 60, 3945-3955.	6.4	31
52	Numerical analysis of 3-D MHD hybrid nanofluid over a rotational disk in presence of thermal radiation with Joule heating and viscous dissipation effects using Lobatto IIIA technique. AEJ - Alexandria Engineering Journal, 2021, 60, 3605-3619.	6.4	94
53	Analytical Simulation for Magnetohydrodynamic Maxwell Fluid Flow Past an Exponentially Stretching Surface with First-Order Velocity Slip Condition. Coatings, 2021, 11, 1009.	2.6	10
54	Mathematical modeling and stability analysis of Buruli ulcer in Possum mammals. Results in Physics, 2021, 27, 104471.	4.1	6

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55	MHD Boundary Layer Flow over a Stretching Sheet: A New Stochastic Method. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-26.	1.1	12
56	The intelligent networks for double-diffusion and MHD analysis of thin film flow over a stretched surface. <i>Scientific Reports</i> , 2021, 11, 19239.	3.3	15
57	Application of Arrhenius kinetics on MHD radiative Von Kármán Casson nanofluid flow occurring in a Darcy-Forchheimer porous medium in the presence of an adjustable heat source. <i>Physica Scripta</i> , 2021, 96, 125228.	2.5	21
58	A new Hepatitis B model in light of asymptomatic carriers and vaccination study through Atangana's Baleanu derivative. <i>Results in Physics</i> , 2021, 29, 104603.	4.1	37
59	MHD stagnation point flow of hybrid nanofluid over a permeable cylinder with homogeneous and heterogeneous reaction. <i>Physica Scripta</i> , 2021, 96, 035201.	2.5	13
60	Computational analysis of hydromagnetic boundary layer stagnation point flow of nano liquid by a stretched heated surface with convective conditions and radiation effect. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110531.	1.6	16
61	A Levenberg-Marquardt backpropagation method for unsteady squeezing flow of heat and mass transfer behaviour between parallel plates. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110408.	1.6	15
62	Fractional Analysis of MHD Boundary Layer Flow over a Stretching Sheet in Porous Medium: A New Stochastic Method. <i>Journal of Function Spaces</i> , 2021, 2021, 1-19.	0.9	8
63	Mathematical Analysis of the TB Model with Treatment via Caputo-Type Fractional Derivative. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-15.	0.9	7
64	Theoretical Analysis of Cu-H <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O, and TiO <sub>2</sub> -H <sub>2</sub> O Nanofluid Flow Past a Rotating Disk with Velocity Slip and Convective Conditions. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-10.	2.7	27
65	Electromagnetohydrodynamic bioconvective flow of binary fluid containing nanoparticles and gyrotactic microorganisms through a stratified stretching sheet. <i>Scientific Reports</i> , 2021, 11, 23159.	3.3	17
66	Heat Transfer Impacts on Maxwell Nanofluid Flow over a Vertical Moving Surface with MHD Using Stochastic Numerical Technique via Artificial Neural Networks. <i>Coatings</i> , 2021, 11, 1483.	2.6	24
67	An Analytical Study of Internal Heating and Chemical Reaction Effects on MHD Flow of Nanofluid with Convective Conditions. <i>Crystals</i> , 2021, 11, 1523.	2.2	16
68	Levenberg's Marquardt Backpropagation for Numerical Treatment of Micropolar Flow in a Porous Channel with Mass Injection. <i>Complexity</i> , 2021, 2021, 1-12.	1.6	11
69	Resonant optical solitons of nonlinear Schrödinger equation with dual power law nonlinearity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 543, 122445.	2.6	2
70	Buoyancy effects on nanoliquids film flow through a porous medium with gyrotactic microorganisms and cubic autocatalysis chemical reaction. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781401989751.	1.6	40
71	Neuro-fuzzy modeling and prediction of summer precipitation with application to different meteorological stations. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 101-116.	6.4	65
72	Micropolar gold blood nanofluid flow and radiative heat transfer between permeable channels. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 186, 105197.	4.7	68

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73	A study of changes in temperature profile of porous fin model using cuckoo search algorithm. AEJ - Alexandria Engineering Journal, 2020, 59, 11-24.	6.4	74
74	Investigation of singular ordinary differential equations by a neuroevolutionary approach. PLoS ONE, 2020, 15, e0235829.	2.5	20
75	Entropy optimization in MHD nanofluid flow over a curved exponentially stretching surface with binary chemical reaction and Arrhenius activation energy. Journal of Physics Communications, 2020, 4, 075021.	1.2	12
76	Modeling and simulation of the novel coronavirus in Caputo derivative. Results in Physics, 2020, 19, 103588.	4.1	47
77	Chemically reactive MHD micropolar nanofluid flow with velocity slips and variable heat source/sink. Scientific Reports, 2020, 10, 20926.	3.3	51
78	Noether symmetry analysis for novel gravitational wave-like spacetimes and their conservation laws. Modern Physics Letters A, 2020, 35, 2050234.	1.2	3
79	Design of Neural Network With Levenberg-Marquardt and Bayesian Regularization Backpropagation for Solving Pantograph Delay Differential Equations. IEEE Access, 2020, 8, 137918-137933.	4.2	80
80	Unsteady Ferrofluid Slip Flow in the Presence of Magnetic Dipole With Convective Boundary Conditions. IEEE Access, 2020, 8, 138551-138562.	4.2	15
81	Entropy generation and thermal analysis for rotary motion of hydromagnetic Casson nanofluid past a rotating cylinder with Joule heating effect. International Communications in Heat and Mass Transfer, 2020, 119, 104979.	5.6	68
82	Radiative mixed convection flow of maxwell nanofluid over a stretching cylinder with joule heating and heat source/sink effects. Scientific Reports, 2020, 10, 17823.	3.3	62
83	Numerical investigation for rotating flow of MHD hybrid nanofluid with thermal radiation over a stretching sheet. Scientific Reports, 2020, 10, 18533.	3.3	135
84	Particles dynamics around time conformal quintessential Schwarzschild black hole. International Journal of Modern Physics D, 2020, 29, 2050095.	2.1	8
85	Dynamics of the particle around de Sitter-Schwarzschild black hole surrounded by quintessence. International Journal of Modern Physics A, 2020, 35, 2050130.	1.5	6
86	Q-Extension of Starlike Functions Subordinated with a Trigonometric Sine Function. Mathematics, 2020, 8, 1676.	2.2	12
87	Influences of Hall current and radiation on MHD micropolar non-Newtonian hybrid nanofluid flow between two surfaces. AIP Advances, 2020, 10, .	1.3	54
88	Design of a hybrid NAR-RBFs neural network for nonlinear dusty plasma system. AEJ - Alexandria Engineering Journal, 2020, 59, 3325-3345.	6.4	86
89	The role of the cosmological constant in dynamics of the particle in the Schwarzschild black hole. Physica Scripta, 2020, 95, 065003.	2.5	7
90	Semi Analytical Solutions of Second Type of Three-Dimensional Volterra Integral Equations. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	9

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91	Impact of Magnetohydrodynamics on Stagnation Point Slip Flow due to Nonlinearly Propagating Sheet with Nonuniform Thermal Reservoir. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-10.	1.1	3
92	Impact of Cattaneo-Christov heat flux on non-isothermal convective micropolar fluid flow in a hall MHD generator system. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5452-5462.	5.8	14
93	Darcy-Forchheimer MHD Hybrid Nanofluid Flow and Heat Transfer Analysis over a Porous Stretching Cylinder. <i>Coatings</i> , 2020, 10, 391.	2.6	46
94	Fractional Neuro-Sequential ARFIMA-LSTM for Financial Market Forecasting. <i>IEEE Access</i> , 2020, 8, 71326-71338.	4.2	234
95	Thin Film Flow of Couple Stress Magneto-Hydrodynamics Nanofluid with Convective Heat over an Inclined Exponentially Rotating Stretched Surface. <i>Coatings</i> , 2020, 10, 338.	2.6	12
96	Heat Transfer Effect on Viscoelastic Fluid Used as a Coating Material for Wire with Variable Viscosity. <i>Coatings</i> , 2020, 10, 163.	2.6	9
97	Radiative Heat and Mass Transfer Analysis of Micropolar Nanofluid Flow of Casson Fluid Between Two Rotating Parallel Plates With Effects of Hall Current. <i>Journal of Heat Transfer</i> , 2019, 141, .	2.1	142
98	Three-dimensional magnetohydrodynamic nanofluid thin-film flow with heat and mass transfer over an inclined porous rotating disk. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401986975.	1.6	15
99	An improved form of optimal homotopy asymptotic method for the solution of a system of nonlinear coupled differential equations occurring in the phenomenon of fluid mechanics. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
100	Hall effect on Titania nanofluids thin film flow and radiative thermal behavior with different base fluids on an inclined rotating surface. <i>AIP Advances</i> , 2019, 9, .	1.3	28
101	Influence of MHD on Thermal Behavior of Darcy-Forchheimer Nanofluid Thin Film Flow over a Nonlinear Stretching Disc. <i>Coatings</i> , 2019, 9, 446.	2.6	21
102	Entropy Generation Optimization in Squeezing Magnetohydrodynamics Flow of Casson Nanofluid with Viscous Dissipation and Joule Heating Effect. <i>Entropy</i> , 2019, 21, 747.	2.2	25
103	Darcy-Forchheimer MHD Couple Stress 3D Nanofluid over an Exponentially Stretching Sheet through Cattaneo-Christov Convective Heat Flux with Zero Nanoparticles Mass Flux Conditions. <i>Entropy</i> , 2019, 21, 867.	2.2	30
104	The flow of nano-liquid film in the presence of operative Prandtl number model through an unsteady stretchable disc. <i>AIP Advances</i> , 2019, 9, .	1.3	7
105	Hall and Ion-Slip Effect on CNTS Nanofluid over a Porous Extending Surface through Heat Generation and Absorption. <i>Entropy</i> , 2019, 21, 801.	2.2	22
106	Impact of thermal radiation on electrical MHD rotating flow of Carbon nanotubes over a stretching sheet. <i>AIP Advances</i> , 2019, 9, .	1.3	77
107	Darcy Forchheimer nanofluid thin film flow of SWCNTs and heat transfer analysis over an unsteady stretching sheet. <i>AIP Advances</i> , 2019, 9, .	1.3	63
108	Unsteady squeezing flow of magnetohydrodynamic carbon nanotube nanofluid in rotating channels with entropy generation and viscous dissipation. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401882310.	1.6	47



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109	Nanofluids Thin Film Flow of Reiner-Philippoff Fluid over an Unstable Stretching Surface with Brownian Motion and Thermophoresis Effects. <i>Coatings</i> , 2019, 9, 21.	2.6	60
110	Study of Three dimensional Darcy-Forchheimer squeezing nanofluid flow with Cattaneo-Christov heat flux based on four different types of nanoparticles through entropy generation analysis. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401985130.	1.6	17
111	Three dimensional Darcy-Forchheimer radiated flow of single and multiwall carbon nanotubes over a rotating stretchable disk with convective heat generation and absorption. <i>AIP Advances</i> , 2019, 9, 035031.	1.3	22
112	Three-Dimensional Casson Nanofluid Thin Film Flow over an Inclined Rotating Disk with the Impact of Heat Generation/Consumption and Thermal Radiation. <i>Coatings</i> , 2019, 9, 248.	2.6	44
113	Entropy Generation and Heat Transfer Analysis in MHD Unsteady Rotating Flow for Aqueous Suspensions of Carbon Nanotubes with Nonlinear Thermal Radiation and Viscous Dissipation Effect. <i>Entropy</i> , 2019, 21, 492.	2.2	31
114	Numerical Treatment for Darcy-Forchheimer Flow of Sisko Nanomaterial with Nonlinear Thermal Radiation by Lobatto IIIA Technique. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-15.	1.1	25
115	Numerical treatment for fluidic system of activation energy with non-linear mixed convective and radiative flow of magneto nanomaterials with Navier's velocity slip. <i>AIP Advances</i> , 2019, 9, .	1.3	25
116	Hall Effect on Couple Stress 3D Nanofluid Flow Over an Exponentially Stretched Surface With Cattaneo Christov Heat Flux Model. <i>IEEE Access</i> , 2019, 7, 64844-64855.	4.2	46
117	Viscoelastic MHD Nanofluid Thin Film Flow over an Unsteady Vertical Stretching Sheet with Entropy Generation. <i>Processes</i> , 2019, 7, 262.	2.8	28
118	Impact of Nonlinear Thermal Radiation on MHD Nanofluid Thin Film Flow over a Horizontally Rotating Disk. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1533.	2.5	59
119	Influence of Cattaneo-Christov Heat Flux on MHD Jeffrey, Maxwell, and Oldroyd-B Nanofluids with Homogeneous-Heterogeneous Reaction. <i>Symmetry</i> , 2019, 11, 439.	2.2	31
120	Influence of Inclined Magnetic Field on Carreau Nanoliquid Thin Film Flow and Heat Transfer with Graphene Nanoparticles. <i>Energies</i> , 2019, 12, 1459.	3.1	55
121	Nanofluid thin film flow of Sisko fluid and variable heat transfer over an unsteady stretching surface with external magnetic field. <i>Journal of Algorithms and Computational Technology</i> , 2019, 13, 174830181983245.	0.7	9
122	An optimal analysis for Darcy-Forchheimer three-dimensional Williamson nanofluid flow over a stretching surface with convective conditions. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401983351.	1.6	21
123	Cattaneo-Christov Heat Flux Model for Three-Dimensional Rotating Flow of SWCNT and MWCNT Nanofluid with Darcy-Forchheimer Porous Medium Induced by a Linearly Stretchable Surface. <i>Symmetry</i> , 2019, 11, 331.	2.2	31
124	MHD Thin Film Flow and Thermal Analysis of Blood with CNTs Nanofluid. <i>Coatings</i> , 2019, 9, 175.	2.6	60
125	Entropy Generation in MHD Radiative Flow of CNTs Casson Nanofluid in Rotating Channels with Heat Source/Sink. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.	1.1	64
126	Numerical Simulation of Partial Differential Equations via Local Meshless Method. <i>Symmetry</i> , 2019, 11, 257.	2.2	12



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127	Radiative flow of magneto hydrodynamics single-walled carbon nanotube over a convectively heated stretchable rotating disk with velocity slip effect. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401982771.	1.6	23
128	Impact of Nonlinear Thermal Radiation and the Viscous Dissipation Effect on the Unsteady Three-Dimensional Rotating Flow of Single-Wall Carbon Nanotubes with Aqueous Suspensions. <i>Symmetry</i> , 2019, 11, 207.	2.2	52
129	Optimal control & dynamical aspects of a stochastic pine wilt disease model. <i>Journal of the Franklin Institute</i> , 2019, 356, 3991-4025.	3.4	19
130	Unsteady Flow of Fractional Fluid between Two Parallel Walls with Arbitrary Wall Shear Stress Using Caputo's Fabrizio Derivative. <i>Symmetry</i> , 2019, 11, 449.	2.2	15
131	Hall current and thermophoresis effects on magnetohydrodynamic mixed convective heat and mass transfer thin film flow. <i>Journal of Physics Communications</i> , 2019, 3, 035009.	1.2	46
132	Entropy Generation of Carbon Nanotubes Flow in a Rotating Channel with Hall and Ion-Slip Effect Using Effective Thermal Conductivity Model. <i>Entropy</i> , 2019, 21, 52.	2.2	33
133	Solution of nonlinear problems by a new analytical technique using Daftardar-Gejji and Jafari polynomials. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989696.	1.6	7
134	Investigation of Two-Dimensional Viscoelastic Fluid with Nonuniform Heat Generation over Permeable Stretching Sheet with Slip Condition. <i>Complexity</i> , 2019, 2019, 1-8.	1.6	16
135	Cattaneo-Christov model for electrical magnetite micropolar Casson ferrofluid over a stretching/shrinking sheet using effective thermal conductivity model. <i>Case Studies in Thermal Engineering</i> , 2019, 13, 100352.	5.7	60
136	Effective Prandtl Number Model Influences on the $\gamma_{H_2O}$ and $\gamma_{Al_2O_3}$ Nanofluids Spray Along a Stretching Cylinder. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 1601-1616.	3.0	32
137	Characteristics of pipe corrosion scales in untreated water distribution system and effect on water quality in Peshawar, Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5794-5803.	5.3	10
138	Entropy Generation in MHD Flow of Carbon Nanotubes in a Rotating Channel with Four Different Types of Molecular Liquids. <i>International Journal of Heat and Technology</i> , 2019, 37, 509-519.	0.6	8
139	Analytical solution of the viscous flow over a stretching sheet by multi-step optimal homotopy asymptotic method. <i>Journal of Mathematics and Computer Science</i> , 2019, 20, 43-49.	1.0	1
140	Complexiton solutions for complex KdV equation by optimal Homotopy Asymptotic Method. <i>Filomat</i> , 2019, 33, 6195-6211.	0.5	18
141	Entropy Generation in MHD Mixed Convection Non-Newtonian Second-Grade Nanoliquid Thin Film Flow through a Porous Medium with Chemical Reaction and Stratification. <i>Entropy</i> , 2019, 21, 139.	2.2	53
142	Modeling the transmission dynamics of avian influenza with saturation and psychological effect. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2019, 12, 455-474.	1.1	11
143	MHD THIN FILM OLDROYD-B FLUID WITH HEAT AND VISCOUS DISSIPATION OVER OSCILLATING VERTICAL BELTS. <i>Heat Transfer Research</i> , 2019, 50, 839-849.	1.6	3
144	An extension of the optimal homotopy asymptotic method with applications to nonlinear coupled partial differential equations. <i>Journal of Mathematics and Computer Science</i> , 2019, 19, 218-229.	1.0	1

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145	The electrical MHD and Hall current impact on micropolar nanofluid flow between rotating parallel plates. Results in Physics, 2018, 9, 1201-1214.	4.1	181
146	A mathematical analysis of Pine Wilt disease with variable population size and optimal control strategies. Chaos, Solitons and Fractals, 2018, 108, 205-217.	5.1	26
147	CONTROL STRATEGIES of HEPATITIS B WITH THREE CONTROL VARIABLES. Journal of Biological Systems, 2018, 26, 1-21.	1.4	25
148	Flow and heat transfer in water based liquid film fluids dispensed with graphene nanoparticles. Results in Physics, 2018, 8, 1143-1157.	4.1	56
149	Three-dimensional rotating flow of MHD single wall carbon nanotubes over a stretching sheet in presence of thermal radiation. Applied Nanoscience (Switzerland), 2018, 8, 1361-1378.	3.1	73
150	Mathematical modeling approach to the transmission dynamics of pine wilt disease with saturated incidence rate. International Journal of Biomathematics, 2018, 11, 1850035.	2.9	16
151	Media coverage campaign in Hepatitis B transmission model. Applied Mathematics and Computation, 2018, 331, 378-393.	2.2	28
152	Thin film flow of a second grade fluid in a porous medium past a stretching sheet with heat transfer. AEJ - Alexandria Engineering Journal, 2018, 57, 1019-1031.	6.4	93
153	Effect of thermal radiation and MHD on non-Newtonian third grade fluid in wire coating analysis with temperature dependent viscosity. AEJ - Alexandria Engineering Journal, 2018, 57, 2101-2112.	6.4	27
154	Complex dynamics of an SEIR epidemic model with saturated incidence rate and treatment. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 210-227.	2.6	58
155	Characteristics of buoyancy force on stagnation point flow with magneto-nanoparticles and zero mass flux condition. Results in Physics, 2018, 8, 160-168.	4.1	14
156	Darcy-Forchheimer flow of MHD CNTs nanofluid radiative thermal behaviour and convective non uniform heat source/sink in the rotating frame with microstructure and inertial characteristics. AIP Advances, 2018, 8, .	1.3	39
157	Entropy Generation in MHD Eyringâ€Powell Fluid Flow over an Unsteady Oscillatory Porous Stretching Surface under the Impact of Thermal Radiation and Heat Source/Sink. Applied Sciences (Switzerland), 2018, 8, 2588.	2.5	47
158	Three-Dimensional Nanofluid Flow with Heat and Mass Transfer Analysis over a Linear Stretching Surface with Convective Boundary Conditions. Applied Sciences (Switzerland), 2018, 8, 2244.	2.5	49
159	Solutions of nonlinear real world problems by a new analytical technique. Heliyon, 2018, 4, e00913.	3.2	9
160	Simulation of bioconvection in the suspension of second grade nanofluid containing nanoparticles and gyrotactic microorganisms. AIP Advances, 2018, 8, .	1.3	77
161	Darcy-Forchheimer flow of MHD nanofluid thin film flow with Joule dissipation and Navierâ€™s partial slip. Journal of Physics Communications, 2018, 2, 115014.	1.2	52
162	Exact solution of non-Newtonian fluid motion between side walls. Results in Physics, 2018, 11, 534-539.	4.1	18

#	ARTICLE	IF	CITATIONS
163	Radiative MHD thin film flow of Williamson fluid over an unsteady permeable stretching sheet. Heliyon, 2018, 4, e00825.	3.2	73
164	Slip flow of Eyring-Powell nanoliquid film containing graphene nanoparticles. AIP Advances, 2018, 8, .	1.3	70
165	Heat and Mass Transfer in Three-Dimensional Flow of an Oldroyd-B Nanofluid with Gyrotactic Micro-Organisms. Mathematical Problems in Engineering, 2018, 2018, 1-15.	1.1	18
166	Darcy-Forchheimer flow of micropolar nanofluid between two plates in the rotating frame with non-uniform heat generation/absorption. Advances in Mechanical Engineering, 2018, 10, 168781401880885.	1.6	35
167	Darcy-Forchheimer flow of radiative carbon nanotubes with microstructure and inertial characteristics in the rotating frame. Case Studies in Thermal Engineering, 2018, 12, 823-832.	5.7	62
168	Study of two-dimensional boundary layer thin film fluid flow with variable thermo-physical properties in three dimensions space. AIP Advances, 2018, 8, 105318.	1.3	45
169	Magnetohydrodynamic second-grade nanofluid flow containing nanoparticles and gyrotactic microorganisms. Computational and Applied Mathematics, 2018, 37, 6332-6358.	1.3	67
170	Three dimensional third grade nanofluid flow in a rotating system between parallel plates with Brownian motion and thermophoresis effects. Results in Physics, 2018, 10, 36-45.	4.1	76
171	Three-dimensional magnetohydrodynamic (MHD) flow of Maxwell nanofluid containing gyrotactic micro-organisms with heat source/sink. AIP Advances, 2018, 8, .	1.3	33
172	Entropy Generation on Nanofluid Thin Film Flow of Eyring-Powell Fluid with Thermal Radiation and MHD Effect on an Unsteady Porous Stretching Sheet. Entropy, 2018, 20, 412.	2.2	54
173	The Combined Magneto Hydrodynamic and Electric Field Effect on an Unsteady Maxwell Nanofluid Flow over a Stretching Surface under the Influence of Variable Heat and Thermal Radiation. Applied Sciences (Switzerland), 2018, 8, 160.	2.5	66
174	The Rotating Flow of Magneto Hydrodynamic Carbon Nanotubes over a Stretching Sheet with the Impact of Non-Linear Thermal Radiation and Heat Generation/Absorption. Applied Sciences (Switzerland), 2018, 8, 482.	2.5	68
175	Non-Newtonian nanoliquids thin-film flow through a porous medium with magnetotactic microorganisms. Applied Nanoscience (Switzerland), 2018, 8, 1523-1544.	3.1	40
176	Impact of Thermal Radiation and Heat Source/Sink on Eyring-Powell Fluid Flow over an Unsteady Oscillatory Porous Stretching Surface. Mathematical and Computational Applications, 2018, 23, 20.	1.3	20
177	ANALYTICAL SOLUTION OF MHD VISCOUS FLOW OVER A STRETCHING SHEET BY MULTISTAGE OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. International Journal of Fluid Mechanics Research, 2018, 45, 369-375.	0.4	2
178	A new analytical approach for solving nonlinear boundary value problems arising in nonlinear phenomena. Filomat, 2018, 32, 2489-2497.	0.5	4
179	Modifications of the Multistep Optimal Homotopy Asymptotic Method to Some Nonlinear KdV-Equations. European Journal of Pure and Applied Mathematics, 2018, 11, 537-552.	0.3	2
180	Double-layer optical fiber coating analysis in MHD flow of an elastico-viscous fluid using wet-on-wet coating process. Results in Physics, 2017, 7, 107-118.	4.1	4

#	ARTICLE	IF	CITATIONS
181	Thermophoresis and thermal radiation with heat and mass transfer in a magnetohydrodynamic thin-film second-grade fluid of variable properties past a stretching sheet. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	84
182	Steady flow and heat transfer analysis of MHD flow of Phan-Thien-Tanner fluid in double-layer optical fiber coating analysis with slip conditions. <i>Journal of Polymer Engineering</i> , 2017, 37, 729-740.	1.4	0
183	Magnetohydrodynamics thin film fluid flow under the effect of thermophoresis and variable fluid properties. <i>AIChE Journal</i> , 2017, 63, 5149-5158.	3.6	11
184	Numerical solutions for gyrotactic bioconvection of dusty nanofluid along a vertical isothermal surface. <i>International Journal of Heat and Mass Transfer</i> , 2017, 113, 229-236.	4.8	20
185	A simple algorithm for exact solutions of systems of linear and nonlinear integro-differential equations. <i>Applied Mathematics and Computation</i> , 2017, 307, 311-320.	2.2	5
186	Mixed convection in gravity-driven thin film non-Newtonian nanofluids flow with gyrotactic microorganisms. <i>Results in Physics</i> , 2017, 7, 4033-4049.	4.1	86
187	Two-phase coating flows of a non-Newtonian fluid with linearly varying temperature at the boundaries— an exact solution. <i>Optical Engineering</i> , 2017, 56, 075104.	1.0	4
188	Mathematical modeling and stability analysis of Pine Wilt Disease with optimal control. <i>Scientific Reports</i> , 2017, 7, 3115.	3.3	26
189	Dynamical system of a SEIQV epidemic model with nonlinear generalized incidence rate arising in biology. <i>International Journal of Biomathematics</i> , 2017, 10, 1750096.	2.9	13
190	Analysis of Magneto-hydrodynamics Flow and Heat Transfer of a Viscoelastic Fluid through Porous Medium in Wire Coating Analysis. <i>Mathematics</i> , 2017, 5, 27.	2.2	21
191	Magnetohydrodynamic Nanoliquid Thin Film Sprayed on a Stretching Cylinder with Heat Transfer. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 271.	2.5	126
192	Heat Transfer Investigation of the Unsteady Thin Film Flow of Williamson Fluid Past an Inclined and Oscillating Moving Plate. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 369.	2.5	10
193	The Brownian and Thermophoretic Analysis of the Non-Newtonian Williamson Fluid Flow of Thin Film in a Porous Space over an Unstable Stretching Surface. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 404.	2.5	15
194	MHD Flow and Heat Transfer Analysis in the Wire Coating Process Using Elastic-Viscous. <i>Coatings</i> , 2017, 7, 15.	2.6	19
195	Double-layer optical fiber coating analysis using viscoelastic Sisko fluid as a coating material in a pressure-type coating die. <i>Optical Engineering</i> , 2017, 56, 1.	1.0	3
196	Dufour and Soret Effect with Thermal Radiation on the Nano Film Flow of Williamson Fluid Past Over an Unsteady Stretching Sheet. <i>Journal of Nanofluids</i> , 2017, 6, 243-253.	2.7	7
197	Brownian Motion and Thermophoresis Effects on MHD Mixed Convective Thin Film Second-Grade Nanofluid Flow with Hall Effect and Heat Transfer Past a Stretching Sheet. <i>Journal of Nanofluids</i> , 2017, 6, 812-829.	2.7	68
198	Flow of a Nano-Liquid Film of Maxwell Fluid with Thermal Radiation and Magneto Hydrodynamic Properties on an Unstable Stretching Sheet. <i>Journal of Nanofluids</i> , 2017, 6, 1021-1030.	2.7	25

#	ARTICLE	IF	CITATIONS
199	A theoretical model for Zika virus transmission. PLoS ONE, 2017, 12, e0185540.	2.5	69
200	Unsteady magnetohydrodynamics thin film flow of a third grade fluid over an oscillating inclined belt embedded in a porous medium. Thermal Science, 2017, 21, 875-887.	1.1	7
201	MHD boundary layer flow of an incompressible upper convected Maxwell fluid by Optimal Homotopy Asymptotic Method.. Scientia Iranica, 2017, 24, 202-210.	0.4	3
202	Two-Phase Flow in Wire Coating with Heat Transfer Analysis of an Elastic-Viscous Fluid. Advances in Mathematical Physics, 2016, 2016, 1-19.	0.8	4
203	Thin Film Williamson Nanofluid Flow with Varying Viscosity and Thermal Conductivity on a Time-Dependent Stretching Sheet. Applied Sciences (Switzerland), 2016, 6, 334.	2.5	36
204	Global stability and vaccination of an SEIVR epidemic model with saturated incidence rate. International Journal of Biomathematics, 2016, 09, 1650068.	2.9	9
205	Analytical Solution for Three-Dimensional Problem of Condensation Film on Inclined Rotating Disk by Extended Optimal Homotopy Asymptotic Method. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2016, 40, 265-273.	1.3	4
206	Unsteady thin film flow of a fourth grade fluid over a vertical moving and oscillating belt. Propulsion and Power Research, 2016, 5, 223-235.	4.3	9
207	New version of Optimal Homotopy Asymptotic Method for the solution of nonlinear boundary value problems in finite and infinite intervals. AEJ - Alexandria Engineering Journal, 2016, 55, 2811-2819.	6.4	19
208	Flow and heat transfer of two immiscible fluids in double-layer optical fiber coating. Journal of Coatings Technology Research, 2016, 13, 1055-1063.	2.5	19
209	Gyrotactic bioconvection flow of a nanofluid past a vertical wavy surface. International Journal of Thermal Sciences, 2016, 108, 244-250.	4.9	43
210	Steady flow and heat transfer analysis of Phan-Thein-Tanner fluid in double-layer optical fiber coating analysis with Slip Conditions. Scientific Reports, 2016, 6, 34593.	3.3	9
211	Multigrid method based on transformation-free high-order scheme for solving 2D Helmholtz equation on nonuniform grids. Advances in Difference Equations, 2016, 2016, .	3.5	8
212	Analytical Solution for MHD Flow of Unsteady Second Grade Fluid Arising in Wire Coating Analysis. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6922-6928.	0.4	1
213	Stability analysis of delay seirepidemic model. International Journal of Advanced and Applied Sciences, 2016, 3, 46-53.	0.4	0
214	Formulation and Application of Optimal Homotopy Asymptotic Method to Coupled Differential - Difference Equations. PLoS ONE, 2015, 10, e0120127.	2.5	3
215	Invariant Domain Watermarking Using Heaviside Function of Order Alpha and Fractional Gaussian Field. PLoS ONE, 2015, 10, e0123427.	2.5	3
216	Perturbation Methods and Formal Modeling for Dynamic Systems. Abstract and Applied Analysis, 2015, 2015, 1-2.	0.7	0

#	ARTICLE	IF	CITATIONS
217	Approximate Solution of Two-Dimensional Nonlinear Wave Equation by Optimal Homotopy Asymptotic Method. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-7.	1.1	9
218	Analysis of thin film flow over a vertical oscillating belt with a second grade fluid. <i>Engineering Science and Technology, an International Journal</i> , 2015, 18, 207-217.	3.2	7
219	Global dynamics of SEIRS epidemic model with non-linear generalized incidences and preventive vaccination. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	34
220	Global stability of SEIVR epidemic model with generalized incidence and preventive vaccination. <i>International Journal of Biomathematics</i> , 2015, 08, 1550082.	2.9	5
221	Unsteady MHD Thin Film Flow of an Oldroyd-B Fluid over an Oscillating Inclined Belt. <i>PLoS ONE</i> , 2015, 10, e0126698.	2.5	21
222	An Evaluation Framework and Comparative Analysis of the Widely Used First Programming Languages. <i>PLoS ONE</i> , 2014, 9, e88941.	2.5	27
223	Thin Film Flow in MHD Third Grade Fluid on a Vertical Belt with Temperature Dependent Viscosity. <i>PLoS ONE</i> , 2014, 9, e97552.	2.5	28
224	Heat Transfer Analysis of MHD Thin Film Flow of an Unsteady Second Grade Fluid Past a Vertical Oscillating Belt. <i>PLoS ONE</i> , 2014, 9, e103843.	2.5	26
225	Iris Recognition Using Image Moments and k-Means Algorithm. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	54
226	Prevention of Leptospirosis Infected Vector and Human Population by Multiple Control Variables. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.7	6
227	Multiple Control Strategies for Prevention of Avian Influenza Pandemic. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	3
228	Solving Singular Boundary Value Problems by Optimal Homotopy Asymptotic Method. <i>International Journal of Differential Equations</i> , 2014, 2014, 1-10.	0.8	0
229	Series Solutions of Lifting and Drainage Problems of a Nonisothermal Modified Second Grade Fluid Using a Vertical Cylinder. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-8.	0.9	4
230	Solution of the Differential-Difference Equations by Optimal Homotopy Asymptotic Method. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.7	5
231	Multigrid Method for Solution of 3D Helmholtz Equation Based on HOC Schemes. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-14.	0.7	6
232	Epidemic Model of Leptospirosis Containing Fractional Order. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-8.	0.7	3
233	An Extension of the Optimal Homotopy Asymptotic Method to Coupled Schrödinger-KdV Equation. <i>International Journal of Differential Equations</i> , 2014, 2014, 1-11.	0.8	4
234	Extending Petri net to reduce control strategies of railway interlocking system. <i>Applied Mathematical Modelling</i> , 2014, 38, 413-424.	4.2	17



#	ARTICLE	IF	CITATIONS
235	Thin film flow of magnetohydrodynamic (MHD) pseudo-plastic fluid on vertical wall. Applied Mathematics and Computation, 2014, 245, 544-556.	2.2	10
236	Lift and Drainage of Electrically Conducting Power Law Fluid on a Vertical Cylinder. Applied Mathematics and Information Sciences, 2014, 8, 45-55.	0.5	9
237	Mathematical Modeling towards the Dynamical Interaction of Leptospirosis. Applied Mathematics and Information Sciences, 2014, 8, 1049-1056.	0.5	17
238	Unsteady Drainage of Electrically Conducting Power Law Fluid. Applied Mathematics and Information Sciences, 2014, 8, 2287-2296.	0.5	6
239	Solution of the steady thin film flow of non-Newtonian fluid on vertical cylinder using Adomian Decomposition Method. Journal of the Franklin Institute, 2013, 350, 818-839.	3.4	12
240	Exact solution of a differential equation arising in the wire coating analysis of an unsteady second grade fluid. Mathematical and Computer Modelling, 2013, 57, 1284-1288.	2.0	25
241	Global Stability of Vector-Host Disease with Variable Population Size. BioMed Research International, 2013, 2013, 1-9.	1.9	12
242	Analysis of Third-Grade Fluid in Helical Screw Rheometer. Journal of Applied Mathematics, 2013, 2013, 1-11.	0.9	6
243	Application of Optimal Homotopy Asymptotic Method to Burger Equations. Journal of Applied Mathematics, 2013, 2013, 1-8.	0.9	23
244	Application of Optimal Homotopy Asymptotic Method to Doubly Wave Solutions of the Coupled Drinfeld-Sokolov-Wilson Equations. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	9
245	Solution of Boundary Layer Problems with Heat Transfer by Optimal Homotopy Asymptotic Method. Abstract and Applied Analysis, 2013, 2013, 1-10.	0.7	13
246	New Criteria for Meromorphic Multivalent Alpha-Convex Functions. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.9	0
247	Transmission Model of Hepatitis B Virus with the Migration Effect. BioMed Research International, 2013, 2013, 1-10.	1.9	33
248	Optimal Homotopy Asymptotic Method to Nonlinear Damped Generalized Regularized Long-Wave Equation. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	4
249	Optimal Homotopy Asymptotic Method for a thin film flow of a pseudo plastic fluid draining down or lifting up on a cylindrical surface. Chemical Industry and Chemical Engineering Quarterly, 2013, 19, 513-527.	0.7	0
250	MHD Thin Film Flows of a Third Grade Fluid on a Vertical Belt with Slip Boundary Conditions. Journal of Applied Mathematics, 2013, 2013, 1-14.	0.9	28
251	The Optimal Homotopy Asymptotic Method for the Solution of Higher-Order Boundary Value Problems in Finite Domains. Abstract and Applied Analysis, 2012, 2012, 1-14.	0.7	8
252	Comparison of Different Analytic Solutions to Axisymmetric Squeezing Fluid Flow between Two Infinite Parallel Plates with Slip Boundary Conditions. Abstract and Applied Analysis, 2012, 2012, 1-18.	0.7	5



#	ARTICLE	IF	CITATIONS
253	Prevention of Influenza Pandemic by Multiple Control Strategies. Journal of Applied Mathematics, 2012, 2012, 1-14.	0.9	7
254	Solution of steady thin film flow of Johnsonâ€™Segalman fluid on a vertical moving belt for lifting and drainage problems using Adomian Decomposition Method. Applied Mathematics and Computation, 2012, 218, 10413-10428.	2.2	15
255	Thin-film flow of magnetohydrodynamic (MHD) Johnsonâ€™Segalman fluid on vertical surfaces using the Adomian decomposition method. Applied Mathematics and Computation, 2012, 219, 3956-3974.	2.2	16
256	Homotopy Perturbation Method for Flow of a Third-grade Fluid Through a Vertical Concentric Annulus. International Journal of Nonlinear Sciences and Numerical Simulation, 2012, 13, .	1.0	0
257	Heat transfer by laminar flow of an elasto-viscous fluid in posttreatment analysis of wire coating with linearly varying temperature along the coated wire. Heat and Mass Transfer, 2012, 48, 903-914.	2.1	14
258	Wire coating analysis with Oldroyd 8-constant fluid by Optimal Homotopy Asymptotic Method. Computers and Mathematics With Applications, 2012, 63, 695-707.	2.7	28
259	Heat Transfer Flow of Steady Couple Stress Fluids between Two Parallel Plates with Variable Viscosity. Heat Transfer Research, 2011, 42, 737-780.	1.6	9
260	The optimal solution for the flow of a fourth-grade fluid with partial slip. Computers and Mathematics With Applications, 2011, 61, 1507-1516.	2.7	16
261	An Axisymmetric Squeezing Fluid Flow between the Two Infinite Parallel Plates in a Porous Medium Channel. Mathematical Problems in Engineering, 2011, 2011, 1-10.	1.1	13
262	SOME EXACT SOLUTIONS OF COUPLE STRESS FLUIDS. Computational Thermal Sciences, 2011, 3, 103-109.	0.9	0
263	An Optimal Homotopy Asymptotic Method Solution of Injection of a Newtonian Fluid Through One Side of a Long Vertical Channel. Heat Transfer Research, 2011, 42, 267-283.	1.6	0
264	STEADY INCOMPRESSIBLE FLOW OF A COUPLE STRESS FLUID IN A POROUS MEDIUM. Journal of Porous Media, 2011, 14, 461-466.	1.9	1
265	Optimal Homotopy Asymptotic Solutions of Couette and Poiseuille Flows of a Third Grade Fluid with Heat Transfer Analysis. International Journal of Nonlinear Sciences and Numerical Simulation, 2010, 11, .	1.0	11
266	SECOND-GRADE MAGNETOHYDRODYNAMIC FLUID FLOW IN POROUS MEDIA. Journal of Porous Media, 2010, 13, 1033-1037.	1.9	0
267	Effect of Couple Stresses on Flow of Third Grade Fluid between Two Parallel Plates using Homotopy Perturbation Method. International Journal of Nonlinear Sciences and Numerical Simulation, 2009, 10, .	1.0	8
268	Homotopy perturbation analysis of slider bearing with Powellâ€™Eyring fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2009, 60, 1178-1193.	1.4	45
269	Exact solutions for different vorticity functions of couple stress fluids. Journal of Zhejiang University: Science A, 2008, 9, 672-680.	2.4	8
270	Few Exact Solutions of Non-Newtonian Fluid in Porous Medium with Hall Effect. Journal of Porous Media, 2008, 11, 669-680.	1.9	18

#	ARTICLE	IF	CITATIONS
271	Two-Dimensional Viscous Incompressible Flows in a Porous Medium. Journal of Porous Media, 2006, 9, 591-596.	1.9	6
272	Homotopy analysis of Couette and Poiseuille flows for fourth grade fluids. Acta Mechanica, 2005, 180, 117-132.	2.1	15
273	A comparative analysis of MHD Casson and Maxwell flows past a stretching sheet with mixed convection and chemical reaction. Waves in Random and Complex Media, 0, , 1-16.	2.7	8
274	Application of Arrhenius chemical process on unsteady mixed bio-convective flows of third-grade fluids having temperature-dependent in thermo-rheological properties. Waves in Random and Complex Media, 0, , 1-20.	2.7	3
275	Heat transport in entropy-optimized flow of viscoelastic fluid due to Riga plate: analysis of artificial neural network. Waves in Random and Complex Media, 0, , 1-20.	2.7	11
276	Numerical investigation of thin-film flow over a rotating disk subject to the heat source and nonlinear radiation: Lobatto IIIA approach. Waves in Random and Complex Media, 0, , 1-15.	2.7	22
277	Numerical solution of chemically reactive and thermally radiative MHD Prandtl nanofluid over a curved surface with convective boundary conditions. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 0, , .	1.6	10
278	Analytical treatment of MHD flow and chemically reactive Casson fluid with Joule heating and variable viscosity effect. Waves in Random and Complex Media, 0, , 1-17.	2.7	16
279	Visualization of multiple slip effects on the hydromagnetic Casson nanofluid past a nonlinear extended permeable surface: a numerical approach. Waves in Random and Complex Media, 0, , 1-18.	2.7	7
280	Numerical analysis of Cattaneo-Christov heat flux model over magnetic couple stress Casson nanofluid flow by Lavenberg-Marquard backpropagated neural networks. Waves in Random and Complex Media, 0, , 1-28.	2.7	12
281	Mixed convective flow of blood biofluids containing magnetite ferroparticles past a vertical flat plate: shapes-based analysis. Waves in Random and Complex Media, 0, , 1-25.	2.7	4