

Saeed Islam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

267
papers

4,759
citations

39
h-index

51
g-index

285
ext. papers

6,036
ext. citations

2.5
avg, IF

6.64
L-index

#	Paper	IF	Citations
267	Mathematical modeling for the transmission potential of Zika virus with optimal control strategies. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	7
266	Computational intelligence of Levenberg-Marquardt backpropagation neural networks to study thermal radiation and Hall effects on boundary layer flow past a stretching sheet. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 130, 105799	5.8	8
265	Numerical modeling of unsteady MHD flow of Casson fluid in a vertical surface with chemical reaction and Hall current. <i>Advances in Mechanical Engineering</i> , 2022 , 14, 168781322210854	1.2	3
264	Modification of the Optimal Auxiliary Function Method for Solving Fractional Order KdV Equations. <i>Fractal and Fractional</i> , 2022 , 6, 288	3	0
263	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. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-12	3.2	1
262	An Analytical Study of Internal Heating and Chemical Reaction Effects on MHD Flow of Nanofluid with Convective Conditions. <i>Crystals</i> , 2021 , 11, 1523	2.3	5
261	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	0.8	2
260	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	1.1	5
259	Theoretical Analysis of Cu-H ₂ O, Al ₂ O ₃ -H ₂ O, and TiO ₂ -H ₂ O Nanofluid Flow Past a Rotating Disk with Velocity Slip and Convective Conditions. <i>Journal of Nanomaterials</i> , 2021 , 2021, 1-10	3.2	9
258	Electromagnetohydrodynamic bioconvective flow of binary fluid containing nanoparticles and gyrotactic microorganisms through a stratified stretching sheet. <i>Scientific Reports</i> , 2021 , 11, 23159	4.9	4
257	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	2.9	8
256	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	1.2	8
255	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	1.2	3
254	Dynamics of a fractional order Zika virus model with mutant. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	6
253	MHD Darcy-Forchheimer flow due to gyrotactic microorganisms of Casson nanoparticles over a stretched surface with convective boundary conditions. <i>Physica Scripta</i> , 2021 , 96, 015206	2.6	7
252	MHD stagnation point flow of hybrid nanofluid over a permeable cylinder with homogeneous and heterogenous reaction. <i>Physica Scripta</i> , 2021 , 96, 035201	2.6	6
251	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	2.9	20

250	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	6
249	Stochastic modeling of within host dynamics of HCV model under therapy. <i>Results in Physics</i> , 2021 , 22, 103826	3.7	1
248	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	5.6	13
247	A fractal-fractional order Atangana-Baleanu model for Hepatitis B virus with asymptomatic class. <i>Physica Scripta</i> , 2021 , 96, 074001	2.6	3
246	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	6.9	58
245	Impact of Nanofluid Flow over an Elongated Moving Surface with a Uniform Hydromagnetic Field and Nonlinear Heat Reservoir. <i>Complexity</i> , 2021 , 2021, 1-9	1.6	5
244	Design of intelligent computing networks for numerical treatment of thin film flow of Maxwell nanofluid over a stretched and rotating surface. <i>Surfaces and Interfaces</i> , 2021 , 24, 101107	4.1	24
243	Joule heating in magnetohydrodynamic micropolar boundary layer flow past a stretching sheet with chemical reaction and microstructural slip. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100870	5.6	18
242	Numerical Simulation of Heat Mass Transfer Effects on MHD Flow of Williamson Nanofluid by a Stretching Surface with Thermal Conductivity and Variable Thickness. <i>Coatings</i> , 2021 , 11, 684	2.9	6
241	Thermal Radiation Effects on Unsteady Stagnation Point Nanofluid Flow in View of Convective Boundary Conditions. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-13	1.1	2
240	Numerical simulation of electrically conducting and thermally radiative nanofluid flow in view of elongated slippery plates. <i>AIP Advances</i> , 2021 , 11, 065019	1.5	1
239	Fractional study of Huanglongbing model with singular and non-singular kernel. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111037	9.3	5
238	A correlational study: Establishing the link between quantum parameters and particle dynamics around Schwarzschild black hole. <i>Results in Physics</i> , 2021 , 26, 104346	3.7	
237	Soft computing paradigm for Ferrofluid by exponentially stretched surface in the presence of magnetic dipole and heat transfer. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	12
236	Heat transfer between two porous parallel plates of steady nano fluidis with Brownian and Thermophoretic effects: A new stochastic numerical approach. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 126, 105436	5.8	10
235	Impact of Hall Current and Nonlinear Thermal Radiation on Jeffrey Nanofluid Flow in Rotating Frame. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-21	1.1	1
234	Novel insights into the computational techniques in unsteady MHD second-grade fluid dynamics with oscillatory boundary conditions. <i>Heat Transfer</i> , 2021 , 50, 2502-2524	3.1	5
233	Mathematical modeling and study of MHD flow of Williamson nanofluid over a nonlinear stretching plate with activation energy. <i>Heat Transfer</i> , 2021 , 50, 2558-2570	3.1	15

232	A new analytical approach for the research of thin-film flow of magneto hydrodynamic fluid in the presence of thermal conductivity and variable viscosity. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021 , 101, e201900292	1	9
231	MHD bioconvection Darcy-Forchheimer flow of Casson nanofluid over a rotating disk with entropy optimization. <i>Heat Transfer</i> , 2021 , 50, 2168-2196	3.1	7
230	Ergodicity & dynamical aspects of a stochastic childhood disease model. <i>Mathematics and Computers in Simulation</i> , 2021 , 182, 738-764	3.3	0
229	COMPUTATIONAL MODELING AND THEORETICAL ANALYSIS OF NONLINEAR FRACTIONAL ORDER PREY-PREDATOR SYSTEM. <i>Fractals</i> , 2021 , 29, 2150001	3.2	4
228	Modeling and analysis of the dynamics of novel coronavirus (COVID-19) with Caputo fractional derivative. <i>Results in Physics</i> , 2021 , 20, 103669	3.7	25
227	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	1.5	1
226	Particle dynamics around quintessential Reissner-Nordström black hole. <i>Results in Physics</i> , 2021 , 21, 1037907	3.7	1
225	The Fractional View Analysis of Polytropic Gas, Unsteady Flow System. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-17	1.1	
224	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	4.9	2
223	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	2.6	14
222	Dynamics of fractional order COVID-19 model with a case study of Saudi Arabia. <i>Results in Physics</i> , 2021 , 21, 103787	3.7	39
221	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	3.6	36
220	NEW ITERATIVE TRANSFORM METHOD FOR TIME AND SPACE FRACTIONAL (n + 1)-DIMENSIONAL HEAT AND WAVE TYPE EQUATIONS. <i>Fractals</i> , 2021 , 29, 2150056	3.2	4
219	Cattaneo-Christov theory for a time-dependent magnetohydrodynamic Maxwell fluid flow through a stretching cylinder. <i>Advances in Mechanical Engineering</i> , 2021 , 13, 168781402110301	1.2	7
218	Cattaneo-christov heat flux model of 3D hall current involving biconvection nanofluidic flow with Darcy-Forchheimer law effect: Backpropagation neural networks approach. <i>Case Studies in Thermal Engineering</i> , 2021 , 26, 101168	5.6	10
217	Magnetized and non-magnetized Casson fluid flow with gyrotactic microorganisms over a stratified stretching cylinder. <i>Scientific Reports</i> , 2021 , 11, 16376	4.9	5
216	Falkner-Skan Equation with Heat Transfer: A New Stochastic Numerical Approach. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-17	1.1	5
215	The dynamics of fractional order Hepatitis B virus - model with asymptomatic carriers. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3945-3955	6.1	16

214	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. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3605-3619	6.1	36
213	Analytical Simulation for Magnetohydrodynamic Maxwell Fluid Flow Past an Exponentially Stretching Surface with First-Order Velocity Slip Condition. <i>Coatings</i> , 2021 , 11, 1009	2.9	2
212	Mathematical modeling and stability analysis of Buruli ulcer in Possum mammals. <i>Results in Physics</i> , 2021 , 27, 104471	3.7	
211	MHD Boundary Layer Flow over a Stretching Sheet: A New Stochastic Method. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-26	1.1	5
210	The intelligent networks for double-diffusion and MHD analysis of thin film flow over a stretched surface. <i>Scientific Reports</i> , 2021 , 11, 19239	4.9	8
209	A new Hepatitis B model in light of asymptomatic carriers and vaccination study through Atangana-Baleanu derivative. <i>Results in Physics</i> , 2021 , 29, 104603	3.7	22
208	Levenberg-Marquardt Backpropagation for Numerical Treatment of Micropolar Flow in a Porous Channel with Mass Injection. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	4
207	Q-Extension of Starlike Functions Subordinated with a Trigonometric Sine Function. <i>Mathematics</i> , 2020 , 8, 1676	2.3	11
206	Influences of Hall current and radiation on MHD micropolar non-Newtonian hybrid nanofluid flow between two surfaces. <i>AIP Advances</i> , 2020 , 10, 055015	1.5	25
205	Design of a hybrid NAR-RBFs neural network for nonlinear dusty plasma system. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 3325-3345	6.1	56
204	The role of the cosmological constant in dynamics of the particle in the Schwarzschild black hole. <i>Physica Scripta</i> , 2020 , 95, 065003	2.6	5
203	Semi Analytical Solutions of Second Type of Three-Dimensional Volterra Integral Equations. <i>International Journal of Applied and Computational Mathematics</i> , 2020 , 6, 1	1.3	7
202	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	2
201	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	5.5	7
200	Darcy-Forchheimer MHD Hybrid Nanofluid Flow and Heat Transfer Analysis over a Porous Stretching Cylinder. <i>Coatings</i> , 2020 , 10, 391	2.9	25
199	Fractional Neuro-Sequential ARFIMA-LSTM for Financial Market Forecasting. <i>IEEE Access</i> , 2020 , 8, 713263-713381	3.3	121
198	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	2.9	8
197	Heat Transfer Effect on Viscoelastic Fluid Used as a Coating Material for Wire with Variable Viscosity. <i>Coatings</i> , 2020 , 10, 163	2.9	5

196	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	1.2	25
195	Neuro-fuzzy modeling and prediction of summer precipitation with application to different meteorological stations. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 101-116	6.1	46
194	Micropolar gold blood nanofluid flow and radiative heat transfer between permeable channels. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 186, 105197	6.9	33
193	A study of changes in temperature profile of porous fin model using cuckoo search algorithm. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 11-24	6.1	54
192	Investigation of singular ordinary differential equations by a neuroevolutionary approach. <i>PLoS ONE</i> , 2020 , 15, e0235829	3.7	17
191	Entropy optimization in MHD nanofluid flow over a curved exponentially stretching surface with binary chemical reaction and Arrhenius activation energy. <i>Journal of Physics Communications</i> , 2020 , 4, 075021	1.2	5
190	Modeling and simulation of the novel coronavirus in Caputo derivative. <i>Results in Physics</i> , 2020 , 19, 103588	3.7	32
189	An optimal analysis for magnetohydrodynamics Darcy-Forchheimer boundary layer radiative flow past a porous medium. <i>Computational and Mathematical Methods</i> , 2020 , e1136	0.9	
188	Chemically reactive MHD micropolar nanofluid flow with velocity slips and variable heat source/sink. <i>Scientific Reports</i> , 2020 , 10, 20926	4.9	20
187	Noether symmetry analysis for novel gravitational wave-like spacetimes and their conservation laws. <i>Modern Physics Letters A</i> , 2020 , 35, 2050234	1.3	3
186	Design of Neural Network With Levenberg-Marquardt and Bayesian Regularization Backpropagation for Solving Pantograph Delay Differential Equations. <i>IEEE Access</i> , 2020 , 8, 137918-137933	3.5	47
185	Unsteady Ferrofluid Slip Flow in the Presence of Magnetic Dipole With Convective Boundary Conditions. <i>IEEE Access</i> , 2020 , 8, 138551-138562	3.5	9
184	Entropy generation and thermal analysis for rotary motion of hydromagnetic Casson nanofluid past a rotating cylinder with Joule heating effect. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 119, 104979	5.8	31
183	Radiative mixed convection flow of maxwell nanofluid over a stretching cylinder with joule heating and heat source/sink effects. <i>Scientific Reports</i> , 2020 , 10, 17823	4.9	23
182	Numerical investigation for rotating flow of MHD hybrid nanofluid with thermal radiation over a stretching sheet. <i>Scientific Reports</i> , 2020 , 10, 18533	4.9	59
181	Particles dynamics around time conformal quintessential Schwarzschild black hole. <i>International Journal of Modern Physics D</i> , 2020 , 29, 2050095	2.2	5
180	Dynamics of the particle around de Sitter-Schwarzschild black hole surrounded by quintessence. <i>International Journal of Modern Physics A</i> , 2020 , 35, 2050130	1.2	3
179	Resonant optical solitons of nonlinear Schrödinger equation with dual power law nonlinearity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 543, 122445	3.3	1

178	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	2.8	27
177	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, 095306	1.5	6
176	Hall and Ion-Slip Effect on CNTS Nanofluid over a Porous Extending Surface through Heat Generation and Absorption. <i>Entropy</i> , 2019 , 21,	2.8	19
175	Impact of thermal radiation on electrical MHD rotating flow of Carbon nanotubes over a stretching sheet. <i>AIP Advances</i> , 2019 , 9, 015115	1.5	59
174	Darcy Forchheimer nanofluid thin film flow of SWCNTs and heat transfer analysis over an unsteady stretching sheet. <i>AIP Advances</i> , 2019 , 9, 015223	1.5	44
173	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	1.2	34
172	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	2.9	39
171	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	1.2	15
170	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, 0350315	1.5	21
169	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	2.9	36
168	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,	2.8	22
167	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	19
166	Numerical treatment for fluidic system of activation energy with non-linear mixed convective and radiative flow of magneto nanomaterials with Navier-Stokes velocity slip. <i>AIP Advances</i> , 2019 , 9, 055210	1.5	15
165	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	3.5	38
164	Viscoelastic MHD Nanofluid Thin Film Flow over an Unsteady Vertical Stretching Sheet with Entropy Generation. <i>Processes</i> , 2019 , 7, 262	2.9	22
163	Impact of Nonlinear Thermal Radiation on MHD Nanofluid Thin Film Flow over a Horizontally Rotating Disk. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1533	2.6	45
162	Influence of Cattaneo-Christov Heat Flux on MHD Jeffrey, Maxwell, and Oldroyd-B Nanofluids with Homogeneous-Heterogeneous Reaction. <i>Symmetry</i> , 2019 , 11, 439	2.7	25
161	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	40

160	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, 1748301815983245	0.7	21
159	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, 16878140198335115	1.2	15
158	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	2.7	21
157	MHD Thin Film Flow and Thermal Analysis of Blood with CNTs Nanofluid. <i>Coatings</i> , 2019 , 9, 175	2.9	35
156	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	47
155	Numerical Simulation of Partial Differential Equations via Local Meshless Method. <i>Symmetry</i> , 2019 , 11, 257	2.7	8
154	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	1.2	22
153	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	2.7	39
152	Optimal control & dynamical aspects of a stochastic pine wilt disease model. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3991-4025	4	12
151	Unsteady Flow of Fractional Fluid between Two Parallel Walls with Arbitrary Wall Shear Stress Using Caputo-Fabrizio Derivative. <i>Symmetry</i> , 2019 , 11, 449	2.7	8
150	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	30
149	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,	1.8	117
148	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	1.2	9
147	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 2019 ,		2
146	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, 055113	1.5	17
145	Influence of MHD on Thermal Behavior of Darcy-Forchheimer Nanofluid Thin Film Flow over a Nonlinear Stretching Disc. <i>Coatings</i> , 2019 , 9, 446	2.9	16
144	Entropy Generation Optimization in Squeezing Magnetohydrodynamics Flow of Casson Nanofluid with Viscous Dissipation and Joule Heating Effect. <i>Entropy</i> , 2019 , 21,	2.8	19
143	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	2.2	7

142	Complexiton solutions for complex KdV equation by optimal Homotopy Asymptotic Method. <i>Filomat</i> , 2019 , 33, 6195-6211	0.7	12
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,	2.8	42
140	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	2.8	6
139	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,	2.8	28
138	Solution of nonlinear problems by a new analytical technique using Daftardar-Gejji and Jafari polynomials. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401989696	1.2	4
137	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	12
136	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	5.6	48
135	Effective Prandtl Number Model Influences on the $(\gamma_{Al_2O_3})_{H_2O}$ and $(\gamma_{Al_2O_3})_{C_2H_6O_2}$ Nanofluids Spray Along a Stretching Cylinder. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 1601-1616	2.5	29
134	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	5.1	7
133	The electrical MHD and Hall current impact on micropolar nanofluid flow between rotating parallel plates. <i>Results in Physics</i> , 2018 , 9, 1201-1214	3.7	141
132	A mathematical analysis of Pine Wilt disease with variable population size and optimal control strategies. <i>Chaos, Solitons and Fractals</i> , 2018 , 108, 205-217	9.3	16
131	CONTROL STRATEGIES of HEPATITIS B WITH THREE CONTROL VARIABLES. <i>Journal of Biological Systems</i> , 2018 , 26, 1-21	1.6	19
130	Flow and heat transfer in water based liquid film fluids dispensed with graphene nanoparticles. <i>Results in Physics</i> , 2018 , 8, 1143-1157	3.7	45
129	Three-dimensional rotating flow of MHD single wall carbon nanotubes over a stretching sheet in presence of thermal radiation. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 1361-1378	3.3	55
128	Mathematical modeling approach to the transmission dynamics of pine wilt disease with saturated incidence rate. <i>International Journal of Biomathematics</i> , 2018 , 11, 1850035	1.8	10
127	Media coverage campaign in Hepatitis B transmission model. <i>Applied Mathematics and Computation</i> , 2018 , 331, 378-393	2.7	21
126	Thin film flow of a second grade fluid in a porous medium past a stretching sheet with heat transfer. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 1019-1031	6.1	69
125	Effect of thermal radiation and MHD on non-Newtonian third grade fluid in wire coating analysis with temperature dependent viscosity. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 2101-2112	6.1	18

124	Complex dynamics of an SEIR epidemic model with saturated incidence rate and treatment. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 493, 210-227	3.3	40
123	Three-dimensional magnetohydrodynamic (MHD) flow of Maxwell nanofluid containing gyrotactic micro-organisms with heat source/sink. <i>AIP Advances</i> , 2018 , 8, 085303	1.5	25
122	Entropy Generation on Nanofluid Thin Film Flow of Eyring-Powell Fluid with Thermal Radiation and MHD Effect on an Unsteady Porous Stretching Sheet. <i>Entropy</i> , 2018 , 20,	2.8	47
121	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. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 160	2.6	54
120	The Rotating Flow of Magneto Hydrodynamic Carbon Nanotubes over a Stretching Sheet with the Impact of Non-Linear Thermal Radiation and Heat Generation/Absorption. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 482	2.6	46
119	Non-Newtonian nanoliquids thin-film flow through a porous medium with magnetotactic microorganisms. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 1523-1544	3.3	34
118	Impact of Thermal Radiation and Heat Source/Sink on Eyring-Bowell Fluid Flow over an Unsteady Oscillatory Porous Stretching Surface. <i>Mathematical and Computational Applications</i> , 2018 , 23, 20	1	20
117	ANALYTICAL SOLUTION OF MHD VISCOUS FLOW OVER A STRETCHING SHEET BY MULTISTAGE OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. <i>International Journal of Fluid Mechanics Research</i> , 2018 , 45, 369-375	4.3	2
116	A new analytical approach for solving nonlinear boundary value problems arising in nonlinear phenomena. <i>Filomat</i> , 2018 , 32, 2489-2497	0.7	4
115	Characteristics of buoyancy force on stagnation point flow with magneto-nanoparticles and zero mass flux condition. <i>Results in Physics</i> , 2018 , 8, 160-168	3.7	12
114	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. <i>AIP Advances</i> , 2018 , 8, 125024	1.5	26
113	Entropy Generation in MHD Eyring-Bowell Fluid Flow over an Unsteady Oscillatory Porous Stretching Surface under the Impact of Thermal Radiation and Heat Source/Sink. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2588	2.6	39
112	Three-Dimensional Nanofluid Flow with Heat and Mass Transfer Analysis over a Linear Stretching Surface with Convective Boundary Conditions. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2244	2.6	35
111	Solutions of nonlinear real world problems by a new analytical technique. <i>Heliyon</i> , 2018 , 4, e00913	3.6	7
110	Simulation of bioconvection in the suspension of second grade nanofluid containing nanoparticles and gyrotactic microorganisms. <i>AIP Advances</i> , 2018 , 8, 105210	1.5	52
109	Darcy-Forchheimer flow of MHD nanofluid thin film flow with Joule dissipation and Navier's partial slip. <i>Journal of Physics Communications</i> , 2018 , 2, 115014	1.2	48
108	Exact solution of non-Newtonian fluid motion between side walls. <i>Results in Physics</i> , 2018 , 11, 534-539	3.7	14
107	Radiative MHD thin film flow of Williamson fluid over an unsteady permeable stretching sheet. <i>Heliyon</i> , 2018 , 4, e00825	3.6	53

106	Slip flow of Eyring-Powell nanoliquid film containing graphene nanoparticles. <i>AIP Advances</i> , 2018 , 8, 115302	3.2	59
105	Heat and Mass Transfer in Three-Dimensional Flow of an Oldroyd-B Nanofluid with Gyrotactic Micro-Organisms. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-15	1.1	13
104	Darcy-Forchheimer flow of micropolar nanofluid between two plates in the rotating frame with non-uniform heat generation/absorption. <i>Advances in Mechanical Engineering</i> , 2018 , 10, 168781401880885	1.2	25
103	Darcy-Forchheimer flow of radiative carbon nanotubes with microstructure and inertial characteristics in the rotating frame. <i>Case Studies in Thermal Engineering</i> , 2018 , 12, 823-832	5.6	55
102	Study of two-dimensional boundary layer thin film fluid flow with variable thermo-physical properties in three dimensions space. <i>AIP Advances</i> , 2018 , 8, 105318	1.5	36
101	Magnetohydrodynamic second-grade nanofluid flow containing nanoparticles and gyrotactic microorganisms. <i>Computational and Applied Mathematics</i> , 2018 , 37, 6332-6358		48
100	Three dimensional third grade nanofluid flow in a rotating system between parallel plates with Brownian motion and thermophoresis effects. <i>Results in Physics</i> , 2018 , 10, 36-45	3.7	66
99	Double-layer optical fiber coating analysis in MHD flow of an elastico-viscous fluid using wet-on-wet coating process. <i>Results in Physics</i> , 2017 , 7, 107-118	3.7	3
98	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	3.1	59
97	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	
96	Magnetohydrodynamics thin film fluid flow under the effect of thermophoresis and variable fluid properties. <i>AIChE Journal</i> , 2017 , 63, 5149-5158	3.6	10
95	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	4.9	17
94	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	2.7	5
93	Mixed convection in gravity-driven thin film non-Newtonian nanofluids flow with gyrotactic microorganisms. <i>Results in Physics</i> , 2017 , 7, 4033-4049	3.7	61
92	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	1.1	3
91	Mathematical modeling and stability analysis of Pine Wilt Disease with optimal control. <i>Scientific Reports</i> , 2017 , 7, 3115	4.9	19
90	Dynamical system of a SEIQV epidemic model with nonlinear generalized incidence rate arising in biology. <i>International Journal of Biomathematics</i> , 2017 , 10, 1750096	1.8	8
89	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	2.3	18

88	Magneto hydrodynamic Nanoliquid Thin Film Sprayed on a Stretching Cylinder with Heat Transfer. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 271	2.6	87
87	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	2.6	6
86	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	2.6	10
85	MHD Flow and Heat Transfer Analysis in the Wire Coating Process Using Elastic-Viscous. <i>Coatings</i> , 2017 , 7, 15	2.9	15
84	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	1.1	2
83	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	2.2	6
82	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	2.2	55
81	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	2.2	22
80	A theoretical model for Zika virus transmission. <i>PLoS ONE</i> , 2017 , 12, e0185540	3.7	43
79	Unsteady magnetohydrodynamics thin film flow of a third grade fluid over an oscillating inclined belt embedded in a porous medium. <i>Thermal Science</i> , 2017 , 21, 875-887	1.2	5
78	Flow and heat transfer of two immiscible fluids in double-layer optical fiber coating 2016 , 13, 1055-1063		15
77	Gyrotactic bioconvection flow of a nanofluid past a vertical wavy surface. <i>International Journal of Thermal Sciences</i> , 2016 , 108, 244-250	4.1	29
76	Steady flow and heat transfer analysis of Phan-Thein-Tanner fluid in double-layer optical fiber coating analysis with Slip Conditions. <i>Scientific Reports</i> , 2016 , 6, 34593	4.9	7
75	Multigrid method based on transformation-free high-order scheme for solving 2D Helmholtz equation on nonuniform grids. <i>Advances in Difference Equations</i> , 2016 , 2016,	3.6	5
74	Analytical Solution for MHD Flow of Unsteady Second Grade Fluid Arising in Wire Coating Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6922-6928	0.3	1
73	Stability analysis of delay seirepidemic model. <i>International Journal of Advanced and Applied Sciences</i> , 2016 , 3, 46-53	1.2	
72	Two-Phase Flow in Wire Coating with Heat Transfer Analysis of an Elastic-Viscous Fluid. <i>Advances in Mathematical Physics</i> , 2016 , 2016, 1-19	1.1	3
71	Thin Film Williamson Nanofluid Flow with Varying Viscosity and Thermal Conductivity on a Time-Dependent Stretching Sheet. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 334	2.6	28

70	Global stability and vaccination of an SEIVR epidemic model with saturated incidence rate. <i>International Journal of Biomathematics</i> , 2016 , 09, 1650068	1.8	7
69	Analytical Solution for Three-Dimensional Problem of Condensation Film on Inclined Rotating Disk by Extended Optimal Homotopy Asymptotic Method. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2016 , 40, 265-273	1.2	1
68	Unsteady thin film flow of a fourth grade fluid over a vertical moving and oscillating belt. <i>Propulsion and Power Research</i> , 2016 , 5, 223-235	3.6	6
67	New version of Optimal Homotopy Asymptotic Method for the solution of nonlinear boundary value problems in finite and infinite intervals. <i>AEJ - Alexandria Engineering Journal</i> , 2016 , 55, 2811-2819	6.1	13
66	Global dynamics of SEIRS epidemic model with non-linear generalized incidences and preventive vaccination. <i>Advances in Difference Equations</i> , 2015 , 2015,	3.6	21
65	Global stability of SEIVR epidemic model with generalized incidence and preventive vaccination. <i>International Journal of Biomathematics</i> , 2015 , 08, 1550082	1.8	4
64	Formulation and application of optimal homotopy asymptotic method to coupled differential-difference equations. <i>PLoS ONE</i> , 2015 , 10, e0120127	3.7	3
63	Invariant domain watermarking using heaviside function of order alpha and fractional Gaussian field. <i>PLoS ONE</i> , 2015 , 10, e0123427	3.7	2
62	Perturbation Methods and Formal Modeling for Dynamic Systems. <i>Abstract and Applied Analysis</i> , 2015 , 2015, 1-2	0.7	
61	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	6
60	Analysis of thin film flow over a vertical oscillating belt with a second grade fluid 2015 , 18, 207-217		6
59	Unsteady MHD Thin Film Flow of an Oldroyd-B Fluid over an Oscillating Inclined Belt. <i>PLoS ONE</i> , 2015 , 10, e0126698	3.7	20
58	Thin film flow of magnetohydrodynamic (MHD) pseudo-plastic fluid on vertical wall. <i>Applied Mathematics and Computation</i> , 2014 , 245, 544-556	2.7	7
57	An evaluation framework and comparative analysis of the widely used first programming languages. <i>PLoS ONE</i> , 2014 , 9, e88941	3.7	10
56	Thin film flow in MHD third grade fluid on a vertical belt with temperature dependent viscosity. <i>PLoS ONE</i> , 2014 , 9, e97552	3.7	19
55	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	3.7	18
54	Iris recognition using image moments and k-means algorithm. <i>Scientific World Journal, The</i> , 2014 , 2014, 723595	2.2	30
53	Prevention of Leptospirosis Infected Vector and Human Population by Multiple Control Variables. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	5

52	Multiple control strategies for prevention of avian influenza pandemic. <i>Scientific World Journal, The</i> , 2014 , 2014, 949718	2.2	2
51	Solving Singular Boundary Value Problems by Optimal Homotopy Asymptotic Method. <i>International Journal of Differential Equations</i> , 2014 , 2014, 1-10	0.8	
50	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	1.1	3
49	Solution of the Differential-Difference Equations by Optimal Homotopy Asymptotic Method. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-7	0.7	5
48	Multigrid Method for Solution of 3D Helmholtz Equation Based on HOC Schemes. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-14	0.7	5
47	Epidemic Model of Leptospirosis Containing Fractional Order. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	2
46	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	2
45	Extending Petri net to reduce control strategies of railway interlocking system. <i>Applied Mathematical Modelling</i> , 2014 , 38, 413-424	4.5	13
44	Lift and Drainage of Electrically Conducting Power Law Fluid on a Vertical Cylinder. <i>Applied Mathematics and Information Sciences</i> , 2014 , 8, 45-55	2.4	3
43	Mathematical Modeling towards the Dynamical Interaction of Leptospirosis. <i>Applied Mathematics and Information Sciences</i> , 2014 , 8, 1049-1056	2.4	13
42	Solution of the steady thin film flow of non-Newtonian fluid on vertical cylinder using Adomian Decomposition Method. <i>Journal of the Franklin Institute</i> , 2013 , 350, 818-839	4	7
41	Exact solution of a differential equation arising in the wire coating analysis of an unsteady second grade fluid. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 1284-1288		19
40	Global stability of vector-host disease with variable population size. <i>BioMed Research International</i> , 2013 , 2013, 710917	3	7
39	Analysis of Third-Grade Fluid in Helical Screw Rheometer. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-11	1.1	3
38	Application of Optimal Homotopy Asymptotic Method to Burger Equations. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-8	1.1	15
37	Application of Optimal Homotopy Asymptotic Method to Doubly Wave Solutions of the Coupled Drinfeld-Sokolov-Wilson Equations. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	8
36	Solution of Boundary Layer Problems with Heat Transfer by Optimal Homotopy Asymptotic Method. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-10	0.7	10
35	New Criteria for Meromorphic Multivalent Alpha-Convex Functions. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-6	1.1	

34	Transmission model of hepatitis B virus with the migration effect. <i>BioMed Research International</i> , 2013 , 2013, 150681	3	22
33	Optimal Homotopy Asymptotic Method to Nonlinear Damped Generalized Regularized Long-Wave Equation. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	2
32	Optimal Homotopy Asymptotic Method for a thin film flow of a pseudo plastic fluid draining down or lifting up on a cylindrical surface. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013 , 19, 513-527	0.7	27
31	MHD Thin Film Flows of a Third Grade Fluid on a Vertical Belt with Slip Boundary Conditions. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-14	1.1	19
30	Solution of steady thin film flow of Johnson-Begelman fluid on a vertical moving belt for lifting and drainage problems using Adomian Decomposition Method. <i>Applied Mathematics and Computation</i> , 2012 , 218, 10413-10428	2.7	12
29	Thin-film flow of magnetohydrodynamic (MHD) Johnson-Begelman fluid on vertical surfaces using the Adomian decomposition method. <i>Applied Mathematics and Computation</i> , 2012 , 219, 3956-3974	2.7	11
28	Heat transfer by laminar flow of an elasto-viscous fluid in posttreatment analysis of wire coating with linearly varying temperature along the coated wire. <i>Heat and Mass Transfer</i> , 2012 , 48, 903-914	2.2	12
27	Wire coating analysis with Oldroyd 8-constant fluid by Optimal Homotopy Asymptotic Method. <i>Computers and Mathematics With Applications</i> , 2012 , 63, 695-707	2.7	24
26	The Optimal Homotopy Asymptotic Method for the Solution of Higher-Order Boundary Value Problems in Finite Domains. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-14	0.7	7
25	Comparison of Different Analytic Solutions to Axisymmetric Squeezing Fluid Flow between Two Infinite Parallel Plates with Slip Boundary Conditions. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-18	0.7	5
24	Prevention of Influenza Pandemic by Multiple Control Strategies. <i>Journal of Applied Mathematics</i> , 2012 , 2012, 1-14	1.1	5
23	Heat Transfer Flow of Steady Couple Stress Fluids between Two Parallel Plates with Variable Viscosity. <i>Heat Transfer Research</i> , 2011 , 42, 737-780	3.9	6
22	The optimal solution for the flow of a fourth-grade fluid with partial slip. <i>Computers and Mathematics With Applications</i> , 2011 , 61, 1507-1516	2.7	13
21	An Axisymmetric Squeezing Fluid Flow between the Two Infinite Parallel Plates in a Porous Medium Channel. <i>Mathematical Problems in Engineering</i> , 2011 , 2011, 1-10	1.1	13
20	Optimal Homotopy Asymptotic Solutions of Couette and Poiseuille Flows of a Third Grade Fluid with Heat Transfer Analysis. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010 , 11,	1.8	8
19	Effect of Couple Stresses on Flow of Third Grade Fluid between Two Parallel Plates using Homotopy Perturbation Method. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2009 , 10,	1.8	5
18	Homotopy perturbation analysis of slider bearing with Powell-Eyring fluid. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2009 , 60, 1178-1193	1.6	36
17	Exact solutions for different vorticity functions of couple stress fluids. <i>Journal of Zhejiang University: Science A</i> , 2008 , 9, 672-680	2.1	4

16	Few Exact Solutions of Non-Newtonian Fluid in Porous Medium with Hall Effect. <i>Journal of Porous Media</i> , 2008 , 11, 669-680	2.9	11
15	Two-Dimensional Viscous Incompressible Flows in a Porous Medium. <i>Journal of Porous Media</i> , 2006 , 9, 591-596	2.9	5
14	Homotopy analysis of Couette and Poiseuille flows for fourth grade fluids. <i>Acta Mechanica</i> , 2005 , 180, 117-132	2.1	10
13	Application of Arrhenius chemical process on unsteady mixed bio-convective flows of third-grade fluids having temperature-dependent in thermo-rheological properties. <i>Waves in Random and Complex Media</i> ,1-20	1.9	0
12	Heat transport in entropy-optimized flow of viscoelastic fluid due to Riga plate: analysis of artificial neural network. <i>Waves in Random and Complex Media</i> ,1-20	1.9	4
11	Numerical investigation of thin-film flow over a rotating disk subject to the heat source and nonlinear radiation: Lobatto IIIA approach. <i>Waves in Random and Complex Media</i> ,1-15	1.9	12
10	Numerical solution of chemically reactive and thermally radiative MHD Prandtl nanofluid over a curved surface with convective boundary conditions. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> ,	1	5
9	A comparative analysis of MHD Casson and Maxwell flows past a stretching sheet with mixed convection and chemical reaction. <i>Waves in Random and Complex Media</i> ,1-16	1.9	3
8	Design of Backpropagated Intelligent Networks for Nonlinear Second-Order LaneÉmden Pantograph Delay Differential Systems. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	6
7	New cylindrically symmetric solution of Einstein field equations their conservation laws and the particles dynamics. <i>Indian Journal of Physics</i> ,1	1.4	
6	Application of Arrhenius kinetics on MHD radiative Von KÉmÉ Casson nanofluid flow occurring in a Darcy-Forchheimer porous medium in the presence of an adjustable heat source. <i>Physica Scripta</i> ,	2.6	11
5	Analytical treatment of MHD flow and chemically reactive Casson fluid with Joule heating and variable viscosity effect. <i>Waves in Random and Complex Media</i> ,1-17	1.9	5
4	Visualization of multiple slip effects on the hydromagnetic Casson nanofluid past a nonlinear extended permeable surface: a numerical approach. <i>Waves in Random and Complex Media</i> ,1-18	1.9	3
3	A Comparative Analysis of the Performance of Magnetized Copper-Copper Oxide/Water and Copper-Copper Oxide/Kerosene Oil Hybrid Nanofluids Flowing Through an Extending Surface with Velocity Slips and Thermal Convective Conditions. <i>International Journal of Ambient Energy</i> ,0-52	2	2
2	Numerical analysis of CattaneoChristov heat flux model over magnetic couple stress Casson nanofluid flow by LavenbergMarquard backpropagated neural networks. <i>Waves in Random and Complex Media</i> ,1-28	1.9	1
1	Mixed convective flow of blood biofluids containing magnetite ferroparticles past a vertical flat plate: shapes-based analysis. <i>Waves in Random and Complex Media</i> ,1-25	1.9	0