

# Muhammad Ramzan

## 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.

179  
papers

3,231  
citations

31  
h-index

43  
g-index

189  
ext. papers

4,178  
ext. citations

3.3  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
179	Performance-based comparison of Yamada-Ota and Hamilton-Crosser hybrid nanofluid flow models with magnetic dipole impact past a stretched surface.. <i>Scientific Reports</i> , <b>2022</b> , 12, 29	4.9	5
178	EMHD hybrid squeezing nanofluid flow with variable features and irreversibility analysis. <i>Physica Scripta</i> , <b>2022</b> , 97, 025705	2.6	2
177	Hydrodynamic and heat transfer analysis of dissimilar shaped nanoparticles-based hybrid nanofluids in a rotating frame with convective boundary condition.. <i>Scientific Reports</i> , <b>2022</b> , 12, 436	4.9	8
176	Homotopic simulation for heat transport phenomenon of the Burgers nanofluids flow over a stretching cylinder with thermal convective and zero mass flux conditions. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 1437-1449	6.3	2
175	Significance of induced hybridized metallic and non-metallic nanoparticles in single-phase nano liquid flow between permeable disks by analyzing shape factor.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3342	4.9	3
174	Dissipated electroosmotic EMHD hybrid nanofluid flow through the micro-channel.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4771	4.9	5
173	Mathematical analysis of two-layer calendaring of isothermal Newtonian fluids with different viscosities. <i>European Physical Journal Plus</i> , <b>2022</b> , 137, 1	3.1	
172	Bidirectional flow of MHD nanofluid with Hall current and Cattaneo-Christove heat flux toward the stretching surface.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264208	3.7	7
171	Hybrid Nanofluid Flow Induced by an Oscillating Disk Considering Surface Catalyzed Reaction and Nanoparticles Shape Factor. <i>Nanomaterials</i> , <b>2022</b> , 12, 1794	5.4	0
170	Heat transfer analysis of the mixed convective flow of magnetohydrodynamic hybrid nanofluid past a stretching sheet with velocity and thermal slip conditions.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260854	3.7	5
169	Numerical solutions of coupled nonlinear fractional KdV equations using HeB fractional calculus. <i>International Journal of Modern Physics B</i> , <b>2021</b> , 35, 2150023	1.1	8
168	Significance low oscillating magnetic field and Hall current in the nano-ferrofluid flow past a rotating stretchable disk. <i>Scientific Reports</i> , <b>2021</b> , 11, 23204	4.9	3
167	Chemical reaction and thermal radiation impact on a nanofluid flow in a rotating channel with Hall current. <i>Scientific Reports</i> , <b>2021</b> , 11, 19747	4.9	10
166	Analysis of Newtonian heating and higher-order chemical reaction on a Maxwell nanofluid in a rotating frame with gyrotactic microorganisms and variable heat source/sink. <i>Journal of King Saud University - Science</i> , <b>2021</b> , 33, 101645	3.6	7
165	Influence of autocatalytic chemical reaction with heterogeneous catalysis in the flow of Ostwald-de-Waele nanofluid past a rotating disk with variable thickness in porous media. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 128, 105653	5.8	3
164	Comparative study of hybrid and nanofluid flows amidst two rotating disks with thermal stratification: Statistical and numerical approaches. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 28, 101598	5.6	6
163	Comparative analysis of Maxwell and Xue models for a hybrid nanofluid film flow on an inclined moving substrate. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 28, 101598	5.6	5

162	Conformal vector fields for some vacuum classes of pp-waves space-times in ghost free infinite derivative gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2021</b> , 18, 2150109	1.5	1
161	Partially ionized hybrid nanofluid flow with thermal stratification. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 11, 1457-1468	5.5	12
160	Analyzing the impact of induced magnetic flux and Fourier's and Fick's theories on the Carreau-Yasuda nanofluid flow. <i>Scientific Reports</i> , <b>2021</b> , 11, 9230	4.9	9
159	Nonlinear radiative Maxwell nanofluid flow in a Darcy-Forchheimer permeable media over a stretching cylinder with chemical reaction and bioconvection. <i>Scientific Reports</i> , <b>2021</b> , 11, 9391	4.9	9
158	3D Bio-convective nanofluid B̄ewadt slip flow comprising gyrotactic microorganisms over a stretched stationary disk with modified Fourier law. <i>Physica Scripta</i> , <b>2021</b> , 96, 075702	2.6	3
157	Unsteady hybrid-nanofluid flow comprising Ferrousoxide and CNTs through porous horizontal channel with dilating/squeezing walls. <i>Scientific Reports</i> , <b>2021</b> , 11, 12637	4.9	20
156	Impact of autocatalytic chemical reaction in an Ostwald-de-Waele nanofluid flow past a rotating disk with heterogeneous catalysis. <i>Scientific Reports</i> , <b>2021</b> , 11, 15526	4.9	5
155	Nanomaterial between two plates which are squeezed with impose magnetic force. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 144, 1023-1029	4.1	27
154	Role of bioconvection in a three dimensional tangent hyperbolic partially ionized magnetized nanofluid flow with Cattaneo-Christov heat flux and activation energy. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 120, 104994	5.8	22
153	Upshot of heterogeneous catalysis in a nanofluid flow over a rotating disk with slip effects and Entropy optimization analysis. <i>Scientific Reports</i> , <b>2021</b> , 11, 120	4.9	22
152	Time-dependent hydromagnetic stagnation point flow of a Maxwell nanofluid with melting heat effect and amended Fourier and Fick's laws. <i>Heat Transfer</i> , <b>2021</b> , 50, 4417-4434	3.1	7
151	Application of response surface methodology on the nanofluid flow over a rotating disk with autocatalytic chemical reaction and entropy generation optimization. <i>Scientific Reports</i> , <b>2021</b> , 11, 4021	4.9	14
150	Irreversibility minimization analysis of ferromagnetic Oldroyd-B nanofluid flow under the influence of a magnetic dipole. <i>Scientific Reports</i> , <b>2021</b> , 11, 4810	4.9	10
149	Multiple slips impact in the MHD hybrid nanofluid flow with Cattaneo-Christov heat flux and autocatalytic chemical reaction. <i>Scientific Reports</i> , <b>2021</b> , 11, 14625	4.9	15
148	Soret-Dufour impact on a three-dimensional Casson nanofluid flow with dust particles and variable characteristics in a permeable media. <i>Scientific Reports</i> , <b>2021</b> , 11, 14513	4.9	5
147	Impact of Hall Current on a 3D Casson Nanofluid Flow Past a Rotating Deformable Disk with Variable Characteristics. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 12653	2.5	7
146	Bioconvective Reiner-Rivlin nanofluid flow over a rotating disk with Cattaneo-Christov flow heat flux and entropy generation analysis. <i>Scientific Reports</i> , <b>2021</b> , 11, 15859	4.9	14
145	Upshot of melting heat transfer in a Von Karman rotating flow of gold-silver/engine oil hybrid nanofluid with Cattaneo-Christov heat flux. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 26, 101149	5.6	24

144	Comparative analysis of Yamada-Ota and Xue models for hybrid nanofluid flow amid two concentric spinning disks with variable thermophysical characteristics. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 26, 101039	5.6	18
143	Von Karman rotating nanofluid flow with modified Fourier law and variable characteristics in liquid and gas scenarios. <i>Scientific Reports</i> , <b>2021</b> , 11, 16442	4.9	6
142	Thermophoretic particle deposition in the flow of dual stratified Casson fluid with magnetic dipole and generalized Fourier's and Fick's laws. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 26, 101186	5.6	10
141	A numerical study of chemical reaction in a nanofluid flow due to rotating disk in the presence of magnetic field. <i>Scientific Reports</i> , <b>2021</b> , 11, 19399	4.9	5
140	Mechanical analysis of non-Newtonian nanofluid past a thin needle with dipole effect and entropic characteristics. <i>Scientific Reports</i> , <b>2021</b> , 11, 19378	4.9	8
139	Soret and Dufour effects on a Casson nanofluid flow past a deformable cylinder with variable characteristics and Arrhenius activation energy. <i>Scientific Reports</i> , <b>2021</b> , 11, 19282	4.9	1
138	Role of Cattaneo-Christov heat flux in an MHD Micropolar dusty nanofluid flow with zero mass flux condition. <i>Scientific Reports</i> , <b>2021</b> , 11, 19528	4.9	8
137	On hybrid nanofluid Yamada-Ota and Xue flow models in a rotating channel with modified Fourier law. <i>Scientific Reports</i> , <b>2021</b> , 11, 19590	4.9	1
136	Impact of Newtonian heating and Fourier and Fick's laws on a magnetohydrodynamic dusty Casson nanofluid flow with variable heat source/sink over a stretching cylinder. <i>Scientific Reports</i> , <b>2021</b> , 11, 23574	4.9	23
135	Nanofluid flow containing carbon nanotubes with quartic autocatalytic chemical reaction and Thompson and Troian slip at the boundary. <i>Scientific Reports</i> , <b>2020</b> , 10, 18710	4.9	9
134	Modeling for solidification of water within a triplex-tube tank using nanoparticles. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 313, 113532	6	8
133	Existence of conformal vector fields of Bianchi type I space-times in $f(R)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050113	1.5	7
132	Conformal vector fields of static spherically symmetric space-times in $f(R, \mathbb{G})$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050120	1.5	3
131	Unsteady MHD carbon nanotubes suspended nanofluid flow with thermal stratification and nonlinear thermal radiation. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 1557-1566	6.1	21
130	Modeling of MHD hybrid nanofluid flow through permeable enclosure. <i>International Journal of Modern Physics C</i> , <b>2020</b> , 31, 2050106	1.1	8
129	Radiative MHD Nanofluid Flow over a Moving Thin Needle with Entropy Generation in a Porous Medium with Dust Particles and Hall Current. <i>Entropy</i> , <b>2020</b> , 22,	2.8	25
128	Solidification of PCM with nano powders inside a heat exchanger. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 306, 112892	6	37
127	Conformal vector fields in proper non-static plane symmetric spacetimes in $f(R)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050077	1.5	8

126	Classification of proper non-static cylindrically symmetric perfect fluid space-times via conformal vector fields in $f(R)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050147	1.5	5
125	Thermally Stratified Darcy Forchheimer Flow on a Moving Thin Needle with Homogeneous Heterogeneous Reactions and Non-Uniform Heat Source/Sink. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 432	2.6	12
124	Numerical Analysis of Carbon Nanotube-Based Nanofluid Unsteady Flow Amid Two Rotating Disks with Hall Current Coatings and Homogeneous Heterogeneous Reactions. <i>Coatings</i> , <b>2020</b> , 10, 48	2.9	6
123	Effects of Chemical Species and Nonlinear Thermal Radiation with 3D Maxwell Nanofluid Flow with Double Stratification-An Analytical Solution. <i>Entropy</i> , <b>2020</b> , 22,	2.8	21
122	A note on classification of static plane symmetric perfect fluid space-times via proper conformal vector fields in $f(G)$ theory of gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050086	1.5	6
121	Conformal and Disformal Structure of 3D Circularly Symmetric Static Metric in $f(R)$ Theory of Gravity. <i>Mehran University Research Journal of Engineering and Technology</i> , <b>2020</b> , 39, 111-116	0.6	
120	Diffraction of Transient Cylindrical Waves by a Rigid Oscillating Strip. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3568	2.6	
119	Numerical iteration for nonlinear oscillators by Elzaki transform. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , <b>2020</b> , 39, 879-884	1.5	13
118	Upshot of magnetic dipole on the flow of nanofluid along a stretched cylinder with gyrotactic microorganism in a stratified medium. <i>Physica Scripta</i> , <b>2020</b> , 95, 025702	2.6	18
117	Numerical Simulation of 3D Condensation Nanofluid Film Flow with Carbon Nanotubes on an Inclined Rotating Disk. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 168	2.6	21
116	Numerical treatment of radiative Nickel-Zinc ferrite-Ethylene glycol nanofluid flow past a curved surface with thermal stratification and slip conditions. <i>Scientific Reports</i> , <b>2020</b> , 10, 16832	4.9	8
115	Classification of non-conformally flat static plane symmetric perfect fluid solutions via proper conformal vector fields in $f(T)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050218	1.5	3
114	Significance of magnetic Reynolds number in a three-dimensional squeezing Darcy-Forchheimer hydromagnetic nanofluid thin-film flow between two rotating disks. <i>Scientific Reports</i> , <b>2020</b> , 10, 17208	4.9	16
113	Impact of melting heat transfer in the time-dependent squeezing nanofluid flow containing carbon nanotubes in a Darcy-Forchheimer porous media with Cattaneo-Christov heat flux. <i>Communications in Theoretical Physics</i> , <b>2020</b> , 72, 085801	2.4	20
112	A novel model to analyze Darcy Forchheimer nanofluid flow in a permeable medium with Entropy generation analysis. <i>Journal of Taibah University for Science</i> , <b>2020</b> , 14, 916-930	3	10
111	Conformal vector fields of some vacuum classes of static spherically symmetric space-times in $f(T,B)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050149	1.5	5
110	Comparative analysis of magnetized partially ionized copper, copper oxide-water and kerosene oil nanofluid flow with Cattaneo-Christov heat flux. <i>Scientific Reports</i> , <b>2020</b> , 10, 19300	4.9	15
109	Onset of gyrotactic microorganisms in MHD Micropolar nanofluid flow with partial slip and double stratification. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 2741-2751	3.6	29

108	Nanofluid flow with autocatalytic chemical reaction over a curved surface with nonlinear thermal radiation and slip condition. <i>Scientific Reports</i> , <b>2020</b> , 10, 18339	4.9	7
107	Impact of hall and ion slip in a thermally stratified nanofluid flow comprising Cu and AlO nanoparticles with nonuniform source/sink. <i>Scientific Reports</i> , <b>2020</b> , 10, 18064	4.9	11
106	Significance of Hall effect and Ion slip in a three-dimensional bioconvective Tangent hyperbolic nanofluid flow subject to Arrhenius activation energy. <i>Scientific Reports</i> , <b>2020</b> , 10, 18342	4.9	28
105	Flow of nanofluid with Cattaneo-Christov heat flux model. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 2989-2999	3.3	18
104	Thermally stratified Darcy-Borchheimer nanofluid flow comprising carbon nanotubes with effects of Cattaneo-Christov heat flux and homogeneous-heterogeneous reactions. <i>Physica Scripta</i> , <b>2020</b> , 95, 015701	2.6	14
103	Magnetized suspended carbon nanotubes based nanofluid flow with bio-convection and entropy generation past a vertical cone. <i>Scientific Reports</i> , <b>2019</b> , 9, 12225	4.9	43
102	Classification of vacuum classes of plane fronted gravitational waves via proper conformal vector fields in $f(R)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2019</b> , 16, 1950151	1.5	11
101	A note on some Bianchi type II spacetimes and their conformal vector fields in $f(R)$ theory of gravity. <i>Modern Physics Letters A</i> , <b>2019</b> , 34, 1950320	1.3	10
100	HEILZAKI METHOD FOR SPATIAL DIFFUSION OF BIOLOGICAL POPULATION. <i>Fractals</i> , <b>2019</b> , 27, 1950069	3.2	17
99	A note on classification of spatially homogeneous rotating space-times in $f(R)$ theory of gravity according to their proper conformal vector fields. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2019</b> , 16, 1950111	1.5	12
98	Numerical Simulation of Darcy-Borchheimer 3D Unsteady Nanofluid Flow Comprising Carbon Nanotubes with Cattaneo-Christov Heat Flux and Velocity and Thermal Slip Conditions. <i>Processes</i> , <b>2019</b> , 7, 687	2.9	28
97	Hall current effect on unsteady rotational flow of carbon nanotubes with dust particles and nonlinear thermal radiation in Darcy-Borchheimer porous media. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 138, 3127-3137	4.1	40
96	A note on proper homothetic vector fields in plane symmetric perfect fluid static spacetimes in $f(R, T)$ theory of gravity. <i>Modern Physics Letters A</i> , <b>2019</b> , 34, 1950189	1.3	6
95	MHD flow of Maxwell fluid with nanomaterials due to an exponentially stretching surface. <i>Scientific Reports</i> , <b>2019</b> , 9, 7312	4.9	53
94	A Thin Film Flow of Nanofluid Comprising Carbon Nanotubes Influenced by Cattaneo-Christov Heat Flux and Entropy Generation. <i>Coatings</i> , <b>2019</b> , 9, 296	2.9	25
93	MHD Boundary Layer Flow of Carreau Fluid over a Convectively Heated Bidirectional Sheet with Non-Fourier Heat Flux and Variable Thermal Conductivity. <i>Symmetry</i> , <b>2019</b> , 11, 618	2.7	14
92	A note on some perfect fluid Kantowski-Bachs and Bianchi type III spacetimes and their conformal vector fields in $f(R)$ theory of gravity. <i>Modern Physics Letters A</i> , <b>2019</b> , 34, 1950079	1.3	15
91	A Numerical Simulation of Silver-Water Nanofluid Flow with Impacts of Newtonian Heating and Homogeneous-Heterogeneous Reactions Past a Nonlinear Stretched Cylinder. <i>Symmetry</i> , <b>2019</b> , 11, 295	2.7	33



90	Simulation of natural convection of Fe <sub>3</sub> O <sub>4</sub> -water ferrofluid in a circular porous cavity in the presence of a magnetic field. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	16
89	On the convective heat and zero nanoparticle mass flux conditions in the flow of 3D MHD Couple Stress nanofluid over an exponentially stretched surface. <i>Scientific Reports</i> , <b>2019</b> , 9, 562	4.9	43
88	Entropy Analysis of Carbon Nanotubes Based Nanofluid Flow Past a Vertical Cone with Thermal Radiation. <i>Entropy</i> , <b>2019</b> , 21,	2.8	24
87	Effect of second order slip condition on the flow of Tangent hyperbolic fluid – novel perception of Cattaneo-Christov heat flux. <i>Physica Scripta</i> , <b>2019</b> , 94, 115707	2.6	9
86	Onset of Cattaneo-Christov Heat Flux and Thermal Stratification in Ethylene-Glycol Based Nanofluid Flow Containing Carbon Nanotubes in a Rotating Frame. <i>IEEE Access</i> , <b>2019</b> , 7, 146190-146197	3.5	15
85	Flow of Rheological Nanofluid Over a Static Wedge. <i>Journal of Nanofluids</i> , <b>2019</b> , 8, 1362-1366	2.2	5
84	Numerical simulation for homogeneous-heterogeneous reactions and Newtonian heating in the silver-water nanofluid flow past a nonlinear stretched cylinder. <i>Physica Scripta</i> , <b>2019</b> , 94, 085702	2.6	19
83	Impact of Nonlinear Chemical Reaction and Melting Heat Transfer on an MHD Nanofluid Flow over a Thin Needle in Porous Media. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5492	2.6	7
82	Impact of Second-Order Slip and Double Stratification Coatings on 3D MHD Williamson Nanofluid Flow with Cattaneo-Christov Heat Flux. <i>Coatings</i> , <b>2019</b> , 9, 849	2.9	16
81	Classification of static cylindrically symmetric spacetimes in f(R) theory of gravity by conformal motions with perfect fluid matter. <i>Arabian Journal of Mathematics</i> , <b>2019</b> , 8, 115-123	0.8	16
80	Study of heat transfer and entropy generation in ferrofluid under low oscillating magnetic field. <i>Indian Journal of Physics</i> , <b>2019</b> , 93, 749-758	1.4	12
79	Nanoparticle transportation through a permeable duct with Joule heating influence. <i>Microsystem Technologies</i> , <b>2019</b> , 25, 3571-3580	1.7	7
78	Computational Analysis for Mixed Convective Flows of Viscous Fluids With Nanoparticles. <i>Journal of Thermal Science and Engineering Applications</i> , <b>2019</b> , 11,	1.9	9
77	Unsteady squeezing carbon nanotubes based nano-liquid flow with Cattaneo-Christov heat flux and homogeneous-heterogeneous reactions. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 169-178	3.3	30
76	Influence of adding nanoparticles on solidification in a heat storage system considering radiation effect. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 273, 589-605	6	17
75	Numerical approach for nanofluid transportation due to electric force in a porous enclosure. <i>Microsystem Technologies</i> , <b>2019</b> , 25, 2501-2514	1.7	22
74	A note on proper curvature symmetry in general cylindrically symmetric four-dimensional Lorentzian manifolds. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2018</b> , 15, 1850105	1.5	7
73	Nonlinear radiation effect on MHD Carreau nanofluid flow over a radially stretching surface with zero mass flux at the surface. <i>Scientific Reports</i> , <b>2018</b> , 8, 3709	4.9	29

72	Computational analysis of three layer fluid model including a nanomaterial layer. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 122, 222-228	4.9	17
71	On MHD radiative Jeffery nanofluid flow with convective heat and mass boundary conditions. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 2739-2748	4.8	28
70	Upshot of Chemical Species and Nonlinear Thermal Radiation on Oldroyd-B Nanofluid Flow Past a Bi-directional Stretched Surface with Heat Generation/Absorption in a Porous Media. <i>Communications in Theoretical Physics</i> , <b>2018</b> , 70, 071	2.4	14
69	A Numerical Investigation of 3D MHD Rotating Flow with Binary Chemical Reaction, Activation Energy and Non-Fourier Heat Flux. <i>Communications in Theoretical Physics</i> , <b>2018</b> , 70, 089	2.4	25
68	On three-dimensional MHD Oldroyd-B fluid flow with nonlinear thermal radiation and homogeneous-heterogeneous reaction. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2018</b> , 40, 1	2	16
67	A numerical treatment of MHD radiative flow of Micropolar nanofluid with homogeneous-heterogeneous reactions past a nonlinear stretched surface. <i>Scientific Reports</i> , <b>2018</b> , 8, 12431	4.9	28
66	Impact of Nonlinear Thermal Radiation and Entropy Optimization Coatings with Hybrid Nanoliquid Flow Past a Curved Stretched Surface. <i>Coatings</i> , <b>2018</b> , 8, 430	2.9	24
65	Dust static plane symmetric solutions and their conformal vector fields in $f(R)$ theory of gravity. <i>Modern Physics Letters A</i> , <b>2018</b> , 33, 1850222	1.3	16
64	Entropy Analysis of 3D Non-Newtonian MHD Nanofluid Flow with Nonlinear Thermal Radiation Past over Exponential Stretched Surface. <i>Entropy</i> , <b>2018</b> , 20,	2.8	21
63	Melting heat transfer and entropy optimization owing to carbon nanotubes suspended Casson nanoliquid flow past a swirling cylinder-A numerical treatment. <i>AIP Advances</i> , <b>2018</b> , 8, 115130	1.5	22
62	Classification of static spherically symmetric space-times in $f(R)$ theory of gravity according to their conformal vector fields. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2018</b> , 15, 1850193 <sup>1-5</sup>	1.5	19
61	Slip flow through a non-uniform channel under the influence of transverse magnetic field. <i>Scientific Reports</i> , <b>2018</b> , 8, 13137	4.9	2
60	Significance of Darcy-Forchheimer Porous Medium in Nanofluid Through Carbon Nanotubes. <i>Communications in Theoretical Physics</i> , <b>2018</b> , 70, 361	2.4	66
59	Influence of slip velocity on the flow of viscous fluid through a porous medium in a permeable tube with a variable bulk flow rate. <i>Results in Physics</i> , <b>2018</b> , 11, 861-868	3.7	2
58	Investigation of Lorentz forces and radiation impacts on nanofluid treatment in a porous semi annulus via Darcy law. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 272, 8-14	6	16
57	Influence of homogeneous-heterogeneous reactions on MHD 3D Maxwell fluid flow with Cattaneo-Christov heat flux and convective boundary condition. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 230, 415-422	6	52
56	Soret and Dufour Effects on Three Dimensional Upper-Convected Maxwell Fluid with Chemical Reaction and Non-Linear Radiative Heat Flux. <i>International Journal of Chemical Reactor Engineering</i> , <b>2017</b> , 15,	1.2	11
55	Effects of Variable Thermal Conductivity and Non-linear Thermal Radiation Past an Eyring Powell Nanofluid Flow with Chemical Reaction. <i>Communications in Theoretical Physics</i> , <b>2017</b> , 67, 723	2.4	46



54	Radiative magnetohydrodynamic nanofluid flow due to gyrotactic microorganisms with chemical reaction and non-linear thermal radiation. <i>International Journal of Mechanical Sciences</i> , <b>2017</b> , 130, 31-40	5.5	60
53	Radiative Williamson nanofluid flow over a convectively heated Riga plate with chemical reaction-A numerical approach. <i>Chinese Journal of Physics</i> , <b>2017</b> , 55, 1663-1673	3.5	49
52	Partial slip effect in the flow of MHD micropolar nanofluid flow due to a rotating disk [A numerical approach. <i>Results in Physics</i> , <b>2017</b> , 7, 3557-3566	3.7	45
51	Buoyancy effects on the radiative magneto Micropolar nanofluid flow with double stratification, activation energy and binary chemical reaction. <i>Scientific Reports</i> , <b>2017</b> , 7, 12901	4.9	56
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45	Upshot of binary chemical reaction and activation energy on carbon nanotubes with Cattaneo-Christov heat flux and buoyancy effects. <i>Physics of Fluids</i> , <b>2017</b> , 29, 123103	4.4	41
44	Numerical Simulation of Magnetohydrodynamic Radiative Flow of Casson Nanofluid with Chemical Reaction Past a Porous Media. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2017</b> , 14, 5788-5796	9.3	11
43	Radiative Flow of Powell-Eyring Magneto-Nanofluid over a Stretching Cylinder with Chemical Reaction and Double Stratification near a Stagnation Point. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170790	3.7	43
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38	A Numerical Study of Magnetohydrodynamic Stagnation Point Flow of Nanofluid with Newtonian Heating. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 8419-8426	0.3	14
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34	Effects of MHD homogeneous-heterogeneous reactions on third grade fluid flow with Cattaneo-Christov heat flux. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 223, 1284-1290	6	42
33	Boundary layer flow of third grade nanofluid with Newtonian heating and viscous dissipation. <i>Journal of Central South University</i> , <b>2015</b> , 22, 360-367	2.1	45
32	Flow of Casson nanofluid with viscous dissipation and convective conditions: A mathematical model. <i>Journal of Central South University</i> , <b>2015</b> , 22, 1132-1140	2.1	59
31	Three dimensional flow of an Oldroyd-B fluid with Newtonian heating. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2015</b> , 25, 68-85	4.5	38
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27	MHD stagnation point flow by a permeable stretching cylinder with Soret-Dufour effects. <i>Journal of Central South University</i> , <b>2015</b> , 22, 707-716	2.1	32
26	Radiative hydromagnetic flow of jeffrey nanofluid by an exponentially stretching sheet. <i>PLoS ONE</i> , <b>2014</b> , 9, e103719	3.7	57
25	MHD three-dimensional flow of couple stress fluid with Newtonian heating. <i>European Physical Journal Plus</i> , <b>2013</b> , 128, 1	3.1	70
24	A note on proper curvature collineations in Bianchi type VIII and IX space-times. <i>Gravitation and Cosmology</i> , <b>2010</b> , 16, 61-64	1.3	2
23	DIFFRACTION OF PLANE WAVES BY A SLIT IN AN INFINITE SOFT-HARD PLANE. <i>Progress in Electromagnetics Research B</i> , <b>2009</b> , 11, 103-131	0.7	5
22	Diffraction of a plane wave by a softHard strip. <i>Optics Communications</i> , <b>2009</b> , 282, 4322-4328	2	2
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13	The solution of a mixed boundary value problem in the theory of diffraction by a semi-infinite plane. <i>Proceedings of the Royal Society of London Series A, Mathematical and Physical Sciences</i> , <b>1975</b> , 346, 469-484		76
12	Analytical study of creeping flow of Maxwell fluid in a permeable slit with linear re-absorption. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 095440622110687	1.3	1
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8	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. <i>Computational and Mathematical Methods</i> , e1162	0.9	8
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5	Model-based comparative study of magnetohydrodynamics unsteady hybrid nanofluid flow between two infinite parallel plates with particle shape effects. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	39
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2	Maxwell nanofluid flow influenced by variable characteristics and higher-order chemical reaction with convective conditions in a rotating frame. <i>Waves in Random and Complex Media</i> , 1-28	1.9	
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