

# Nehad Ali Shah

## List of Publications by Year in descending order

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137  
papers

3,107  
citations

172386

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233338

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137  
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137  
docs citations

137  
times ranked

1158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer analysis in a second grade fluid over and oscillating vertical plate using fractional Caputo-Fabrizio derivatives. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	144
2	Scrutinization of the effects of Grashof number on the flow of different fluids driven by convection over various surfaces. <i>Journal of Molecular Liquids</i> , 2018, 249, 980-990.	2.3	129
3	Ternary-hybrid nanofluids: significance of suction and dual-stretching on three-dimensional flow of water conveying nanoparticles with various shapes and densities. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2021, 76, 231-243.	0.7	126
4	Numerical study of bio-convection flow of magneto-cross nanofluid containing gyrotactic microorganisms with activation energy. <i>Scientific Reports</i> , 2021, 11, 16030.	1.6	88
5	Significance of haphazard motion and thermal migration of alumina and copper nanoparticles across the dynamics of water and ethylene glycol on a convectively heated surface. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101050.	2.8	87
6	Effects of the fractional order and magnetic field on the blood flow in cylindrical domains. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 409, 10-19.	1.0	76
7	Significance of suction and dual stretching on the dynamics of various hybrid nanofluids: Comparative analysis between type I and type II models. <i>Physica Scripta</i> , 2020, 95, 095205.	1.2	76
8	Significance of nanoparticle's radius, heat flux due to concentration gradient, and mass flux due to temperature gradient: The case of Water conveying copper nanoparticles. <i>Scientific Reports</i> , 2021, 11, 1882.	1.6	70
9	Free convection flow of nanofluids between two vertical plates with damped thermal flux. <i>Journal of Molecular Liquids</i> , 2019, 289, 110964.	2.3	65
10	Numerical investigation of EMHD nanofluid flows over a convectively heated riga pattern positioned horizontally in a Darcy-Forchheimer porous medium: application of passive control strategy and generalized transfer laws. <i>Waves in Random and Complex Media</i> , 0, , 1-20.	1.6	65
11	Heat transfer analysis of fractional second-grade fluid subject to Newtonian heating with Caputo and Caputo-Fabrizio fractional derivatives: A comparison. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	64
12	MHD Hybrid Nanofluid Mixed Convection Heat Transfer and Entropy Generation in a 3-D Triangular Porous Cavity with Zigzag Wall and Rotating Cylinder. <i>Mathematics</i> , 2022, 10, 769.	1.1	63
13	Dynamics of radiative-reactive Walters-b fluid due to mixed convection conveying gyrotactic microorganisms, tiny particles experience haphazard motion, thermo-migration, and Lorentz force. <i>Physica Scripta</i> , 2021, 96, 125239.	1.2	61
14	A Comparative Analysis of Fractional-Order Kaup-Kupershmidt Equation within Different Operators. <i>Symmetry</i> , 2022, 14, 986.	1.1	61
15	Significance of Lorentz Force and Thermoelectric on the Flow of 29nm CuO-Water Nanofluid on an Upper Horizontal Surface of a Paraboloid of Revolution. <i>Journal of Heat Transfer</i> , 2019, 141, .	1.2	60
16	Analysis of Optical Solitons for Nonlinear Schrödinger Equation with Detuning Term by Iterative Transform Method. <i>Symmetry</i> , 2020, 12, 1850.	1.1	58
17	Hemodynamic Characteristics of Gold Nanoparticle Blood Flow Through a Tapered Stenosed Vessel with Variable Nanofluid Viscosity. <i>BioNanoScience</i> , 2019, 9, 245-255.	1.5	57
18	Analytical Investigation of Fractional-Order Korteweg-De-Vries-Type Equations under Atangana-Baleanu-Caputo Operator: Modeling Nonlinear Waves in a Plasma and Fluid. <i>Symmetry</i> , 2022, 14, 739.	1.1	54

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19	Significance of buoyancy and Lorentz forces on water-conveying iron(III) oxide and silver nanoparticles in a rectangular cavity mounted with two heated fins: heat transfer analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 2369.	2.0	52
20	Magnetic-hybrid nanoparticles with stretching/shrinking cylinder in a suspension of MoS <sub>4</sub> and copper nanoparticles. <i>International Communications in Heat and Mass Transfer</i> , 2022, 136, 106150.	2.9	49
21	Convective flows of generalized time-nonlocal nanofluids through a vertical rectangular channel. <i>Physics of Fluids</i> , 2018, 30, 052002.	1.6	47
22	Influence of time-fractional derivatives on the boundary layer flow of Maxwell fluids. <i>Chinese Journal of Physics</i> , 2017, 55, 1340-1351.	2.0	46
23	Radiated magnetic flow in a suspension of ferrous nanoparticles over a cone with brownian motion and thermophoresis. <i>Case Studies in Thermal Engineering</i> , 2021, 25, 100915.	2.8	46
24	Applications of non-integer Caputo time fractional derivatives to natural convection flow subject to arbitrary velocity and Newtonian heating. <i>Neural Computing and Applications</i> , 2018, 30, 1589-1599.	3.2	45
25	Maxwell fluid flow between vertical plates with damped shear and thermal flux: Free convection. <i>Chinese Journal of Physics</i> , 2020, 65, 367-376.	2.0	45
26	Natural convection with damped thermal flux in a vertical circular cylinder. <i>Chinese Journal of Physics</i> , 2018, 56, 630-644.	2.0	44
27	General solution for MHD-free convection flow over a vertical plate with ramped wall temperature and chemical reaction. <i>Arabian Journal of Mathematics</i> , 2018, 7, 49-60.	0.4	43
28	Exploration of bioconvection flow of MHD thixotropic nanofluid past a vertical surface coexisting with both nanoparticles and gyrotactic microorganisms. <i>Scientific Reports</i> , 2021, 11, 16627.	1.6	43
29	Effects of fractional derivative and heat source/sink on MHD free convection flow of nanofluids in a vertical cylinder: A generalized Fourier's law model. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101518.	2.8	42
30	Analysis of free convection flow of viscous fluid with damped thermal and mass fluxes. <i>Chinese Journal of Physics</i> , 2019, 60, 98-106.	2.0	36
31	Thermodynamic activity of a ternary nanofluid flow passing through a permeable slipped surface with heat source and sink. <i>Waves in Random and Complex Media</i> , 0, , 1-21.	1.6	34
32	Natural convection flows of Prabhakar-like fractional Maxwell fluids with generalized thermal transport. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 2245-2258.	2.0	33
33	Hydromagnetic free convection flow of viscous fluid between vertical parallel plates with damped thermal and mass fluxes. <i>AEJ - Alexandria Engineering Journal</i> , 2019, 58, 989-1000.	3.4	32
34	Numerical solutions of the partial differential equations for investigating the significance of partial slip due to lateral velocity and viscous dissipation: The case of blood-gold Carreau nanofluid and dusty fluid. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	32
35	Further Discussion on the Significance of Quartic Autocatalysis on the Dynamics of Water Conveying 47Ånm Alumina and 29Ånm Cupric Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 5977-6004.	1.7	29
36	A scientific report on heat transfer analysis in mixed convection flow of Maxwell fluid over an oscillating vertical plate. <i>Scientific Reports</i> , 2017, 7, 40147.	1.6	25

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37	Fractional System of Korteweg-De Vries Equations via Elzaki Transform. <i>Mathematics</i> , 2021, 9, 673.	1.1	25
38	Significance of Dust Particles, Nanoparticles Radius, Coriolis and Lorentz Forces: The Case of Maxwell Dusty Fluid. <i>Nanomaterials</i> , 2022, 12, 1512.	1.9	25
39	Analysis of magnetohydrodynamic flow of a fractional viscous fluid through a porous medium. <i>Chinese Journal of Physics</i> , 2018, 56, 261-269.	2.0	24
40	Insight into the Natural Convection Flow Through a Vertical Cylinder Using Caputo Time-Fractional Derivatives. <i>International Journal of Applied and Computational Mathematics</i> , 2018, 4, 1.	0.9	23
41	Double diffusive MHD convective flows of a viscous fluid under influence of the inclined magnetic field, source/sink and chemical reaction. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 4171-4181.	3.4	23
42	Some New Versions of Hermiteâ€“Hadamard Integral Inequalities in Fuzzy Fractional Calculus for Generalized Pre-Invex Functions via Fuzzy-Interval-Valued Settings. <i>Fractal and Fractional</i> , 2022, 6, 83.	1.6	23
43	Generalized Exp-Function Method to Find Closed Form Solutions of Nonlinear Dispersive Modified Benjaminâ€“Bonaâ€“Mahony Equation Defined by Seismic Sea Waves. <i>Mathematics</i> , 2022, 10, 1026.	1.1	23
44	Applications of bioconvection for tiny particles due to two concentric cylinders when role of Lorentz force is significant. <i>PLoS ONE</i> , 2022, 17, e0265026.	1.1	23
45	Influence of magnetic field on double convection problem of fractional viscous fluid over an exponentially moving vertical plate: New trends of Caputo time-fractional derivative model. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401986038.	0.8	22
46	Natural convection flow of second grade fluid with thermal radiation and damped thermal flux between vertical channels. <i>AEJ - Alexandria Engineering Journal</i> , 2019, 58, 1119-1125.	3.4	22
47	Natural convection flow maxwell fluids with generalized thermal transport and newtonian heating. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101226.	2.8	22
48	Effects of double stratification and heat flux damping on convective flows over a vertical cylinder. <i>Chinese Journal of Physics</i> , 2019, 60, 290-306.	2.0	21
49	Exact solutions for some unsteady flows of a couple stress fluid between parallel plates. <i>Ain Shams Engineering Journal</i> , 2018, 9, 985-992.	3.5	20
50	Analytic simulation of thermophoretic second grade fluid flow past a vertical surface with variable fluid characteristics and convective heating. <i>Scientific Reports</i> , 2022, 12, 5445.	1.6	20
51	Thermal analysis of free convection flows of viscous carbon nanotubes nanofluids with generalized thermal transport: a Prabhakar fractional model. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 2327.	2.0	19
52	Electro-osmotic flow of biological fluid in divergent channel: drug therapy in compressed capillaries. <i>Scientific Reports</i> , 2021, 11, 23652.	1.6	19
53	Analysis of Dendrimer Generation by Sombor Indices. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	0.9	18
54	Brownian motion and thermophoretic diffusion effects on the dynamics of MHD upper convected maxwell nanofluid flow past a vertical surface. <i>Physica Scripta</i> , 2021, 96, 125722.	1.2	18

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55	A thermal optimization through an innovative mechanism of free convection flow of Jeffrey fluid using non-local kernel. <i>Case Studies in Thermal Engineering</i> , 2021, 24, 100851.	2.8	16
56	A Decomposition Method for a Fractional-Order Multi-Dimensional Telegraph Equation via the Elzaki Transform. <i>Symmetry</i> , 2021, 13, 8.	1.1	16
57	Effects of Dufour and fractional derivative on unsteady natural convection flow over an infinite vertical plate with constant heat and mass fluxes. <i>Computational and Applied Mathematics</i> , 2018, 37, 4931-4943.	1.3	15
58	Free convection flows over a vertical plate that applies shear stress to a fractional viscous fluid. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 2529-2540.	3.4	15
59	Natural convection heat transfer in an oscillating vertical cylinder. <i>PLoS ONE</i> , 2018, 13, e0188656.	1.1	15
60	Advances in transport phenomena with nanoparticles and generalized thermal process for vertical plate. <i>Physica Scripta</i> , 2021, 96, 114001.	1.2	15
61	Natural convection of bio-nanofluid between two vertical parallel plates with damped shear and thermal flux. <i>Journal of Molecular Liquids</i> , 2019, 296, 111575.	2.3	14
62	Natural convection flows of carbon nanotubes nanofluids with Prabhakar-like thermal transport. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	14
63	Modified Exp-Function Method to Find Exact Solutions of Ionic Currents along Microtubules. <i>Mathematics</i> , 2022, 10, 851.	1.1	14
64	3D Flow of Hybrid Nanomaterial through a Circular Cylinder: Saddle and Nodal Point Aspects. <i>Mathematics</i> , 2022, 10, 1185.	1.1	14
65	Analysis of Fractional-Order Regularized Long-Wave Models via a Novel Transform. <i>Journal of Function Spaces</i> , 2022, 2022, 1-16.	0.4	14
66	Two-Dimensional Advection-Diffusion Process with Memory and Concentrated Source. <i>Symmetry</i> , 2019, 11, 879.	1.1	13
67	Numerical Investigation of Time-Fractional Equivalent Width Equations That Describe Hydromagnetic Waves. <i>Symmetry</i> , 2021, 13, 418.	1.1	13
68	A generalized kinetic model of the advection-dispersion process in a sorbing medium. <i>Mathematical Modelling of Natural Phenomena</i> , 2021, 16, 39.	0.9	13
69	Steady Squeezing Flow of Magnetohydrodynamics Hybrid Nanofluid Flow Comprising Carbon Nanotube-Ferrous Oxide/Water with Suction/Injection Effect. <i>Nanomaterials</i> , 2022, 12, 660.	1.9	13
70	Melting and entropy generation of infinite shear rate viscosity Carreau model over Riga plate with erratic thickness: a numerical Keller Box approach. <i>Waves in Random and Complex Media</i> , 0, , 1-25.	1.6	13
71	Induced magnetic field and viscous dissipation on flows of two immiscible fluids in a rectangular channel. <i>Scientific Reports</i> , 2022, 12, 39.	1.6	12
72	An Efficient Technique of Fractional-Order Physical Models Involving Laplace Transform. <i>Mathematics</i> , 2022, 10, 816.	1.1	12

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73	Modelling Entropy in Magnetized Flow of Eyring-Powell Nanofluid through Nonlinear Stretching Surface with Chemical Reaction: A Finite Element Method Approach. <i>Nanomaterials</i> , 2022, 12, 1811.	1.9	12
74	Combination of Shehu decomposition and variational iteration transform methods for solving fractional third order dispersive partial differential equations. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	11
75	Entropy optimized dissipative flow of hybrid nanofluid in the presence of non-linear thermal radiation and Joule heating. <i>Scientific Reports</i> , 2021, 11, 16067.	1.6	11
76	Natural convection flows and heat transfer with exponential memory of a Maxwell fluid with damped shear stress. <i>Computers and Mathematics With Applications</i> , 2018, 76, 2246-2261.	1.4	10
77	Two phase flow of blood through a circular tube with magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 477, 382-387.	1.0	10
78	Two-layer flows of generalized immiscible second grade fluids in a rectangular channel. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 1337-1348.	1.2	10
79	An efficient approach for solution of fractional-order Helmholtz equations. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	10
80	Significance of Reynolds number, lower and upper rotating disks on the dynamics of water conveying graphene and silver nanoparticles between rotating disks. <i>Physica Scripta</i> , 2021, 96, 045218.	1.2	10
81	Thermography of ferromagnetic Walter's-B fluid through varying thermal stratification. <i>South African Journal of Chemical Engineering</i> , 2021, 36, 118-126.	1.2	10
82	Analytical Analysis of Fractional-Order Multi-Dimensional Dispersive Partial Differential Equations. <i>Symmetry</i> , 2021, 13, 939.	1.1	10
83	Study of Magnetohydrodynamic Pulsatile Blood Flow through an Inclined Porous Cylindrical Tube with Generalized Time-Nonlocal Shear Stress. <i>Advances in Mathematical Physics</i> , 2021, 2021, 1-11.	0.4	10
84	Dual solution framework for mixed convection flow of Maxwell nanofluid instigated by exponentially shrinking surface with thermal radiation. <i>Scientific Reports</i> , 2021, 11, 15944.	1.6	10
85	The Variational Iteration Transform Method for Solving the Time-Fractional Fornberg-Whitham Equation and Comparison with Decomposition Transform Method. <i>Mathematics</i> , 2021, 9, 141.	1.1	10
86	Heat transfer enhancement in natural convection flow of nanofluid with Cattaneo thermal transport. <i>Physica Scripta</i> , 2020, 95, 115705.	1.2	10
87	Impact of entropy optimized Darcy-Forchheimer flow in $MnZnFe_2O_4$ and $NiZnFe_2O_4$ hybrid nanofluid towards a curved surface. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022, 102, e202100194.	0.9	10
88	Memory effects and of the killing rate on the tumor cells concentration for a one-dimensional cancer model. <i>Chaos, Solitons and Fractals</i> , 2021, 144, 110750.	2.5	9
89	Free convection Hartmann flow of a viscous fluid with damped thermal transport through a cylindrical tube. <i>Chinese Journal of Physics</i> , 2022, 80, 19-33.	2.0	9
90	First general solutions for unsteady unidirectional motions of rate type fluids in cylindrical domains. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 1185-1196.	3.4	8

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91	Unsteady two-dimensional flow of pseudo-blood fluid in an arterial duct carrying stenosis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 550, 124126.	1.2	8
92	Analytical solutions to the advection-diffusion equation with Atangana-Baleanu time-fractional derivative and a concentrated loading. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 1199-1208.	3.4	8
93	Marangoni Convection of Dust Particles in the Boundary Layer of Maxwell Nanofluids with Varying Surface Tension and Viscosity. <i>Coatings</i> , 2021, 11, 1072.	1.2	8
94	Novel Analytical Technique to Find Closed Form Solutions of Time Fractional Partial Differential Equations. <i>Fractal and Fractional</i> , 2022, 6, 24.	1.6	8
95	Simulation of Dissipative Hybrid Nanofluid (PEG-Water + ZrO <sub>2</sub> + MgO) Flow by a Curved Shrinking Sheet with Thermal Radiation and Higher Order Chemical Reaction. <i>Mathematics</i> , 2022, 10, 1706.	1.1	8
96	An Analytical Approach for Fractional Hyperbolic Telegraph Equation Using Shehu Transform in One, Two and Three Dimensions. <i>Mathematics</i> , 2022, 10, 1961.	1.1	8
97	Natural convection flows of carbon nanotube Prabhakar-like fractional second-grade nanofluids over an infinite plate with Newtonian heating. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	7
98	Fractional Analysis of Coupled Burgers Equations within Yang Caputo-Fabrizio Operator. <i>Journal of Function Spaces</i> , 2022, 2022, 1-13.	0.4	7
99	Hydrothermal and Entropy Investigation of Nanofluid Mixed Convection in Triangular Cavity with Wavy Boundary Heated from below and Rotating Cylinders. <i>Nanomaterials</i> , 2022, 12, 1469.	1.9	7
100	Analysis of Natural Convection Bionanofluid Between Two Vertical Parallel Plates. <i>BioNanoScience</i> , 2019, 9, 930-936.	1.5	6
101	A COMPARATIVE STUDY OF SEMI-ANALYTICAL METHODS FOR SOLVING FRACTIONAL-ORDER CAUCHY REACTION-DIFFUSION EQUATION. <i>Fractals</i> , 2021, 29, 2150143.	1.8	6
102	Magneto-hydrodynamics natural convection flows of viscous carbon nanotubes nanofluids with generalized Fourier's law in a vertical cylinder. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	5
103	The New Semianalytical Technique for the Solution of Fractional-Order Navier-Stokes Equation. <i>Journal of Function Spaces</i> , 2021, 2021, 1-13.	0.4	5
104	Thermal analysis through cylindrical porous fin having insulated tip: a hybrid nanomaterial approach. <i>Physica Scripta</i> , 2021, 96, 094014.	1.2	5
105	Radio Labeling for Strong Product K <sub>3</sub> <sup>235</sup> Pu. <i>IEEE Access</i> , 2020, 8, 109801-109806.	2.6	4
106	The analytical solution of fractional-order Whitham-Broer-Kaup equations by an Elzaki decomposition method. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	4
107	Unsteady free convective magnetohydrodynamics flow of a Casson fluid through a channel with double diffusion and ramp temperature and concentration. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 11322-11341.	1.2	4
108	Numerical Analysis of Time-Fractional Diffusion Equations via a Novel Approach. <i>Journal of Function Spaces</i> , 2021, 2021, 1-12.	0.4	4

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109	Analytical Solutions of the Fractional Mathematical Model for the Concentration of Tumor Cells for Constant Killing Rate. <i>Mathematics</i> , 2021, 9, 1156.	1.1	4
110	The Analysis of Fractional-Order Kerstenâ€™Krasil Shchik Coupled KdV System, via a New Integral Transform. <i>Symmetry</i> , 2021, 13, 1592.	1.1	4
111	Strong Convergence of a New Hybrid Iterative Scheme for Nonexpensive Mappings and Applications. <i>Journal of Function Spaces</i> , 2022, 2022, 1-11.	0.4	4
112	Weber-Type Integral Transform Connected with Robin-Type Boundary Conditions. <i>Mathematics</i> , 2020, 8, 1335.	1.1	3
113	New idea of Atanganaâ€™Baleanu timeâ€™fractional derivative to advectionâ€™diffusion equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2521-2531.	1.2	3
114	Analytical Solutions of the Diffusionâ€™Wave Equation of Groundwater Flow with Distributed-Order of Atanganaâ€™Baleanu Fractional Derivative. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4142.	1.3	3
115	ANALYSIS OF TIME-FRACTIONAL BURGERS AND DIFFUSION EQUATIONS BY USING MODIFIED $q$ -HATM. <i>Fractals</i> , 2022, 30, .	1.8	3
116	A renovated Scottâ€™Blair model for heat and mass transfer analysis. <i>Waves in Random and Complex Media</i> , 0, , 1-15.	1.6	3
117	On some rotational flows of non-integer order rate type fluids with shear stress on the boundary. <i>Ain Shams Engineering Journal</i> , 2018, 9, 1865-1876.	3.5	2
118	Study of oneâ€™dimensional contaminant transport in soils using fractional calculus. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6839-6856.	1.2	2
119	An Analytical View of Fractional-Order Fisherâ€™s Type Equations within Caputo Operator. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-10.	0.6	2
120	Simultaneous Flow of n-Immiscible Fractional Maxwell Fluids with Generalized Thermal Flux and Robin Boundary Conditions. <i>Advances in Mathematical Physics</i> , 2021, 2021, 1-20.	0.4	2
121	Dynamics of ferromagnetic due to nonlinear thermal buoyancy when Cattaneoâ€™Christov heat flux and magnetic dipole whose magnetic scalars are significant. <i>Waves in Random and Complex Media</i> , 0, , 1-20.	1.6	2
122	Numerical Approaches of the Generalized Time-Fractional Burgersâ€™ Equation with Time-Variable Coefficients. <i>Journal of Function Spaces</i> , 2021, 2021, 1-14.	0.4	2
123	Energy dissipative MHD Cu-AA7072/water-based hybrid nanofluid flow over a perpetually moving slender needle. <i>Waves in Random and Complex Media</i> , 0, , 1-13.	1.6	2
124	MHDâ€™free convection flow of CNTs differential type nanofluid over an infinite vertical plate with firstâ€™order chemical reaction, porous medium, and suction/injection. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	1
125	A Comparative Analysis of Fractional-Order Gas Dynamics Equations via Analytical Techniques. <i>Mathematics</i> , 2021, 9, 1735.	1.1	1
126	Numerical Analysis of the Klein-Gordon Equations by Using the New Iteration Transform Method. <i>Journal of Function Spaces</i> , 2021, 2021, 1-9.	0.4	1

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127	A Comparative Study of the Fractional-Order System of Burgers Equations. <i>Symmetry</i> , 2021, 13, 1786.	1.1	1
128	On implementation of a semi-analytic strategy to develop an analytical solution of a steady-state isothermal tube drawing model. <i>Scientific Reports</i> , 2022, 12, 7636.	1.6	1
129	Mathematical Simulation of Heat Transfer in Thermally Magnetised Oldroyd-B Fluid in Sakiadis Rheology with a Heat Reservoir. <i>Mathematics</i> , 2022, 10, 1775.	1.1	1
130	Molecular irregularity descriptors of H A C 5 C 7 nanotube. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	0
131	A Comparison Study of Irregularity Descriptors of Benzene Ring Embedded in P-Type Surface Network and Its Derived Network. <i>Journal of Mathematics</i> , 2021, 2021, 1-12.	0.5	0
132	Analytical Fuzzy Analysis of a Fractional-Order Newell-Whitehead-Segel Model with Mittag-Leffler Kernel. <i>Journal of Function Spaces</i> , 2022, 2022, 1-12.	0.4	0
133	Novel Evaluation of Fuzzy Fractional Cauchy Reaction-Diffusion Equation. <i>Journal of Function Spaces</i> , 2022, 2022, 1-10.	0.4	0
134	Hardyâ€œLeindler, Yang and Hwang Inequalities for Functions of Several Variables via Time Scale Calculus. <i>Symmetry</i> , 2022, 14, 802.	1.1	0
135	Fractional-View Analysis of Jaulent-Miodek Equation via Novel Analytical Techniques. <i>Journal of Function Spaces</i> , 2022, 2022, 1-11.	0.4	0
136	Weighted Ostrowski type inequalities via Montgomery identity involving double integrals on time scales. <i>AIMS Mathematics</i> , 2022, 7, 16657-16672.	0.7	0
137	Corrigendum to â€œStrong Convergence of a New Hybrid Iterative Scheme for Nonexpensive Mappings and Applicationsâ€œ. <i>Journal of Function Spaces</i> , 2022, 2022, 1-1.	0.4	0