

Tareq Saeed

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144
papers

1,183
citations

19
h-index

27
g-index

160
ext. papers

2,237
ext. citations

3.6
avg, IF

6.19
L-index

#	Paper	IF	Citations
144	A GL Model on Thermo-Elastic Interaction in a Poroelastic Material Using Finite Element Method. <i>Symmetry</i> , 2020 , 12, 488	2.7	77
143	Crude oil prices and clean energy stock indices: Lagged and asymmetric effects with quantile regression. <i>Renewable Energy</i> , 2021 , 163, 288-299	8.1	47
142	Entropy optimized CNTs based Darcy-Forchheimer nanomaterial flow between two stretchable rotating disks. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 31579-31592	6.7	46
141	Analysis of Arrhenius Kinetics on Multiphase Flow between a Pair of Rotating Circular Plates. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-17	1.1	42
140	Extreme return connectedness and its determinants between clean/green and dirty energy investments. <i>Energy Economics</i> , 2021 , 96, 105017	8.3	37
139	Comprehensive study concerned graphene nano-sheets dispersed in ethylene glycol: Experimental study and theoretical prediction of thermal conductivity. <i>Powder Technology</i> , 2021 , 386, 51-59	5.2	37
138	Integrated neuro-swarm heuristic with interior-point for nonlinear SITS model for dynamics of novel COVID-19. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2811-2824	6.1	33
137	Examining rheological behavior of MWCNT-TiO ₂ /5W40 hybrid nanofluid based on experiments and RSM/ANN modeling. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115969	6	31
136	Quantile connectedness in the cryptocurrency market. <i>Journal of International Financial Markets, Institutions and Money</i> , 2021 , 71, 101302	3.6	30
135	Hedging Strategies of Green Assets against Dirty Energy Assets. <i>Energies</i> , 2020 , 13, 3141	3.1	29
134	Design and Numerical Solutions of a Novel Third-Order Nonlinear Emden-Bowler Delay Differential Model. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-9	1.1	29
133	The realized volatility of commodity futures: Interconnectedness and determinants. <i>International Review of Economics and Finance</i> , 2021 , 73, 139-151	2.8	26
132	On a strong minimum condition of a fractal variational principle. <i>Applied Mathematics Letters</i> , 2021 , 119, 107199	3.5	26
131	Impact of the COVID-19 outbreak on the US equity sectors: Evidence from quantile return spillovers.. <i>Financial Innovation</i> , 2021 , 7, 14	5.7	25
130	A New Hyperbolic Two-Unknown Beam Model for Bending and Buckling Analysis of a Nonlocal Strain Gradient Nanobeams. <i>Journal of Nano Research</i> , 2019 , 57, 175-191	1	23
129	Extreme spillovers across Asian-Pacific currencies: A quantile-based analysis. <i>International Review of Financial Analysis</i> , 2020 , 72, 101605	6.7	22
128	News-based equity market uncertainty and crude oil volatility. <i>Energy</i> , 2021 , 222, 119930	7.9	22

127	Solving a novel designed second order nonlinear Lane-Emden delay differential model using the heuristic techniques. <i>Applied Soft Computing Journal</i> , 2021 , 102, 107105	7.5	21
126	Dynamic interdependence of cryptocurrency markets: An analysis across time and frequency. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 559, 125077	3.3	19
125	Regime specific spillover across cryptocurrencies and the role of COVID-19.. <i>Financial Innovation</i> , 2021 , 7, 5	5.7	19
124	Impact of energy sector volatility on clean energy assets. <i>Energy</i> , 2020 , 212, 118657	7.9	18
123	Return equicorrelation in the cryptocurrency market: Analysis and determinants. <i>Finance Research Letters</i> , 2021 , 38, 101497	8.1	17
122	Control of COVID-19 dynamics through a fractional-order model. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3587-3592	6.1	17
121	Numerical investigations of a new singular second-order nonlinear coupled functional Lane-Emden model. <i>Open Physics</i> , 2020 , 18, 770-778	1.3	16
120	Induced MHD impact on exponentially varying viscosity of Williamson fluid flow with variable conductivity and diffusivity. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100895	5.6	16
119	Hyperbolic Two-Temperature Photo-Thermal Interaction in a Semiconductor Medium with a Cylindrical Cavity. <i>Silicon</i> , 2021 , 13, 1871-1878	2.4	16
118	Meyer wavelet neural networks to solve a novel design of fractional order pantograph Lane-Emden differential model. <i>Chaos, Solitons and Fractals</i> , 2021 , 152, 111404	9.3	15
117	Variational approach to fractal solitary waves. <i>Fractals</i> ,	3.2	14
116	Two-phase analysis of heat transfer and entropy generation of water-based magnetite nanofluid flow in a circular microtube with twisted porous blocks under a uniform magnetic field. <i>Powder Technology</i> , 2021 , 384, 522-541	5.2	13
115	Finite element analyses of nonlinear DPL bioheat model in spherical tissues using experimental data. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-11	1.7	12
114	Oil-Price Forecasting Based on Various Univariate Time-Series Models. <i>American Journal of Operations Research</i> , 2016 , 06, 226-235	0.5	12
113	Assessment of economic, thermal and hydraulic performances a corrugated helical heat exchanger filled with non-Newtonian nanofluid. <i>Scientific Reports</i> , 2021 , 11, 11568	4.9	12
112	Design of a Novel Second-Order Prediction Differential Model Solved by Using Adams and Explicit Runge-Kutta Numerical Methods. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-7	1.1	11
111	Government responses to COVID-19 and industry stock returns. <i>Economic Research-Ekonomiska Istrazivanja</i> , 1-24	2.5	11
110	Thermal analysis of radiative bioconvection magnetohydrodynamic flow comprising gyrotactic microorganism with activation energy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 2545-2556	4.1	11

109	The effects of L-shaped heat source in a quarter-tube enclosure filled with MHD nanofluid on heat transfer and irreversibilities, using LBM: numerical data, optimization using neural network algorithm (ANN). <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 144, 2435	4.1	10
108	Information transmission and hedging effectiveness for the pairs crude oil-gold and crude oil-Bitcoin during the COVID-19 outbreak. <i>Economic Research-Ekonomiska Istrazivanja</i> , 1-22	2.5	9
107	On the intraday return curves of Bitcoin: Predictability and trading opportunities. <i>International Review of Financial Analysis</i> , 2021 , 76, 101784	6.7	9
106	Study of COVID-19 mathematical model of fractional order via modified Euler method. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 5287-5296	6.1	9
105	An advanced heuristic approach for a nonlinear mathematical based medical smoking model. <i>Results in Physics</i> , 2022 , 32, 105137	3.7	8
104	New Ω ontcrete Ω Hermit Ω adamard Ω ensen Ω Mercer Fractional Inequalities. <i>Symmetry</i> , 2022 , 14, 294	2.7	8
103	Optimization and effect of wall conduction on natural convection in a cavity with constant temperature heat source: Using lattice Boltzmann method and neural network algorithm. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 144, 2449	4.1	8
102	Herding behavior in the commodity markets of the Asia-Pacific region. <i>Finance Research Letters</i> , 2021 , 41, 101813	8.1	8
101	Intraday return predictability: Evidence from commodity ETFs and their related volatility indices. <i>Resources Policy</i> , 2020 , 69, 101830	7.2	7
100	Using artificial neural networks to predict the rheological behavior of non-Newtonian graphene Ω ethylene glycol nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1925-1934	4.1	7
99	Energetic and exergetic analysis of a new circular micro-heat sink containing nanofluid: applicable for cooling electronic equipment. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1547-1557	4.1	7
98	Oil price risk exposure of BRIC stock markets and hedging effectiveness. <i>Annals of Operations Research</i> , 1	3.2	7
97	Crude oil volatility and the biodiesel feedstock market in Malaysia during the 2014 oil price decline and the COVID-19 outbreak. <i>Fuel</i> , 2021 , 292, 120221	7.1	7
96	Investigation of dynamical behavior of 3LPT protein - water molecules interactions in atomic structures using molecular dynamics simulation. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115615	6	7
95	Investigation of dissimilar laser welding of stainless steel 304 and copper using the artificial neural network model. <i>Journal of Laser Applications</i> , 2021 , 33, 022010	2.1	7
94	THE EXISTENCE OF THE EXTREMAL SOLUTION FOR THE BOUNDARY VALUE PROBLEMS OF VARIABLE FRACTIONAL ORDER DIFFERENTIAL EQUATION WITH CAUSAL OPERATOR. <i>Fractals</i> , 2020 , 28, 2040025	3.2	6
93	A fractal modification of Chen Ω ee Ω iu equation and its fractal variational principle. <i>International Journal of Modern Physics B</i> , 2021 , 35, 2150214	1.1	6
92	Orbit classification in exoplanetary systems. <i>Astronomy and Astrophysics</i> , 2020 , 634, A60	5.1	5

91	Leaderless Consensus of Non-linear Mixed delay Multi-agent Systems with Random Packet Losses via Sampled-data Control. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1885-1893 ^{2,9}		5
90	The computational study of heat transfer and friction drag in an unsteady MHD radiated Casson fluid flow across a stretching/shrinking surface. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 130, 105832	5.8	5
89	Smart Assistive System for Visually Impaired People Obstruction Avoidance Through Object Detection and Classification. <i>IEEE Access</i> , 2022 , 10, 13428-13441	3.5	5
88	Dynamics of a stochastic COVID-19 epidemic model with jump-diffusion. <i>Advances in Difference Equations</i> , 2021 , 2021, 228	3.6	5
87	Rare earth and allied sectors in stock markets: extreme dependence of return and volatility. <i>Applied Economics</i> , 2021 , 53, 5710-5730	1.6	5
86	Navigating the effect of tungsten oxide nano-powder on ethylene glycol surface tension by artificial neural network and response surface methodology. <i>Powder Technology</i> , 2021 , 386, 483-490	5.2	5
85	Designing a new heat sink containing nanofluid flow to cool a photovoltaic solar cell equipped with reflector. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 124, 9-16	5.3	5
84	Solution of novel multi-fractional multi-singular LaneEmden model using the designed FMNEICS. <i>Neural Computing and Applications</i> , 1	4.8	5
83	A study of a computational BVP for heat transfer and friction drag in magnetohydrodynamics viscous flow of a nanofluid subject to the curved surface. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 095440892110464	1.5	5
82	A New Formulation of a Hénon-Heiles Potential with Additional Singular Gravitational Terms. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050197	2	4
81	Fracking and infant mortality: fresh evidence from Oklahoma. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 32360-32367	5.1	4
80	A Special Study of the Mixed Weighted Fractional Brownian Motion. <i>Fractal and Fractional</i> , 2021 , 5, 192	3	4
79	US partisan conflict uncertainty and oil prices. <i>Energy Policy</i> , 2021 , 150, 112118	7.2	4
78	Numerical evaluation of exergy efficiency of innovative turbulators in solar collector filled with hybrid nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1559-1574	4.1	4
77	Numerical simulation and exergy analysis of a novel nanofluid-cooled heat sink. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1651-1660	4.1	4
76	Nanoparticles shape effect on the efficiency of microheat sinks with tightly packed pin-fins. <i>Chemical Engineering Communications</i> , 1-11	2.2	4
75	Effect of L-shaped heat source and magnetic field on heat transfer and irreversibilities in nanofluid-filled oblique complex enclosure. <i>Scientific Reports</i> , 2021 , 11, 16458	4.9	4
74	Commodity market risks and green investments: Evidence from India. <i>Journal of Cleaner Production</i> , 2021 , 318, 128523	10.3	4

73	Neuro-Swarm heuristic using interior-point algorithm to solve a third kind of multi-singular nonlinear system. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 5285-5308	2.1	4
72	Swarm Intelligence Procedures Using Meyer Wavelets as a Neural Network for the Novel Fractional Order Pantograph Singular System. <i>Fractal and Fractional</i> , 2021 , 5, 277	3	4
71	Relations between fossil fuel returns and climate change variables using canonical correlation analysis. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017 , 12, 675-684	3.1	3
70	Effects of the Nonlocal Thermoelastic Model in a Thermoelastic Nanoscale Material. <i>Mathematics</i> , 2022 , 10, 284	2.3	3
69	Stochastic mathematical model for the spread and control of Corona virus. <i>Advances in Difference Equations</i> , 2020 , 2020, 574	3.6	3
68	The numerical simulation and sensitivity analysis of a non-Newtonian fluid flow inside a square chamber exposed to a magnetic field using the FDLBM approach. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 144, 2403	4.1	3
67	Prediction of temperature distribution around fusion zone in fiber dissimilar laser welding of AISI 304 and AISI 420: A wavelet network nonlinear ARX model. <i>Journal of Laser Applications</i> , 2021 , 33, 022014	2.1	3
66	On the modulation instability analysis and deeper properties of the cubic nonlinear Schrödinger equation with repulsive potential. <i>Results in Physics</i> , 2021 , 25, 104303	3.7	3
65	The Effect of Fractional Time Derivative on Two-Dimension Porous Materials Due to Pulse Heat Flux. <i>Mathematics</i> , 2021 , 9, 207	2.3	3
64	Numerical evaluation of the effect of nano-additive type on the second-law performance of EALOOH nano-fluid flow in a wavy microchannel. <i>Chemical Engineering Communications</i> , 1-13	2.2	3
63	Convective Heat Transfer Analysis for Aluminum Oxide ()- and Ferro ()-Based Nano-Fluid over a Curved Stretching Sheet.. <i>Nanomaterials</i> , 2022 , 12,	5.4	3
62	Determination of Bounds for the Jensen Gap and Its Applications. <i>Mathematics</i> , 2021 , 9, 3132	2.3	3
61	Estimating Drift Parameters in a Sub-Fractional Vasicek-Type Process. <i>Entropy</i> , 2022 , 24, 594	2.8	3
60	Generalized Concentration-Compactness Principles for Variable Exponent Lebesgue Spaces with Asymptotic Analysis of Low Energy Extremals. <i>Mathematics</i> , 2020 , 8, 1849	2.3	2
59	Determining the nature of motion around Jupiter-like exoplanets using the elliptic restricted three-body problem. <i>Planetary and Space Science</i> , 2020 , 187, 104945	2	2
58	New diverse variety for the exact solutions to Keller-Segel- Fisher system. <i>Results in Physics</i> , 2022 , 35, 105320	3.7	2
57	A Predictive Approach to Optimize a HHO Generator Coupled with Solar PV as a Standalone System. <i>Sustainability</i> , 2021 , 13, 12110	3.6	2
56	A Study on Thermoelastic Interaction in a Poroelastic Medium with and without Energy Dissipation. <i>Mathematics</i> , 2020 , 8, 1286	2.3	2

55	Convergence properties of equilibria in the restricted three-body problem with prolate primaries. <i>Astronomische Nachrichten</i> , 2020 , 341, 887-898	0.7	2
54	U.S. Monetary Policy and Herding: Evidence from Commodity Markets. <i>Atlantic Economic Journal</i> , 2020 , 48, 355-374	0.4	2
53	The effects of thermal relaxation time in a two-dimension porous medium due to thermal loading. <i>Waves in Random and Complex Media</i> , 2020 , 1-15	1.9	2
52	Study of capabilities of the ANN and RSM models to predict the thermal conductivity of nanofluids containing SiO ₂ nanoparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1993-2003	4.1	2
51	The atomic interactions between Histone and 3LPT protein using an equilibrium molecular dynamics simulation. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115397	6	2
50	On the equilibria of the restricted three-body problem with a triaxial rigid body - I. Oblate primary. <i>Results in Physics</i> , 2021 , 23, 103990	3.7	2
49	Improving solar domestic hot water effectiveness using Al ₂ O ₃ and ZnO nanoparticles: Focusing on annual energy-saving. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 124, 205-215	5.3	2
48	Thermomechanical response in a two-dimension porous medium subjected to thermal loading. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 30, 4103-4117	4.5	2
47	Airbnb and hotel revenues in popular Greek destinations. <i>Journal of Economic Studies</i> , 2021 , 48, 804-816	2.1	2
46	Cyclicity of commodity markets with respect to the U.S. economic policy uncertainty based on granger causality in quantiles. <i>Economic Notes</i> , 2021 , 50,	1.1	2
45	Forecasting ethanol price volatility under structural breaks. <i>Biofuels, Bioproducts and Biorefining</i> , 2021 , 15, 250-256	5.3	2
44	Nonlinear Eyring-Bowell bioconvective nanofluid flow over a vertical plate with temperature dependent viscosity and surface suction. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 128, 105602	5.8	2
43	Simulation of deformation and decomposition of droplets exposed to electro-hydrodynamic flow in a porous media by lattice Boltzmann method. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 631-646	6.1	2
42	A ROBUST COMPUTATIONAL DYNAMICS OF FRACTIONAL-ORDER SMOKING MODEL WITH RELAPSE HABIT. <i>Fractals</i> , 2022 , 30,	3.2	2
41	Existence and multiplicity of solutions to fractional p-Laplacian systems with concave-convex nonlinearities. <i>Bulletin of Mathematical Sciences</i> , 2020 , 10, 2050007	0.9	1
40	Existence Results for a Nonlocal Coupled System of Differential Equations Involving Mixed Right and Left Fractional Derivatives and Integrals. <i>Symmetry</i> , 2020 , 12, 578	2.7	1
39	Some Improvements of Jensen's Inequality via 4-Convexity and Applications. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-9	0.8	1
38	Power Graphs of Finite Groups Determined by Hosoya Properties.. <i>Entropy</i> , 2022 , 24,	2.8	1

37	Numerical simulation of air outlet spacing change in thermal management lithium-ion battery pack with triangular arrangement for use in electric vehicles. <i>Journal of Energy Storage</i> , 2022 , 49, 104117	7.8	1
36	Improvement of the energy and exergy efficiencies of the parabolic solar collector equipped with a twisted turbulator using SWCNT-Cu/water two-phase hybrid nanofluid. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 49, 101705	4.7	1
35	Silicon Particles/Black Paint Coating for Performance Enhancement of Solar Absorbers. <i>Energies</i> , 2021 , 14, 7140	3.1	1
34	Numerical solutions of Schrödinger wave equation and Transport equation through Sinc collocation method. <i>Nonlinear Dynamics</i> , 2021 , 105, 691-705	5	1
33	Classification of orbits in three-dimensional exoplanetary systems. <i>Astronomy and Astrophysics</i> , 2021 , 645, A128	5.1	1
32	Periodic orbits and equilibria for a seventh-order generalized Hénon-Heiles Hamiltonian system. <i>Journal of Geometry and Physics</i> , 2021 , 167, 104290	1.2	1
31	Hybrid Finite Element Method to Thermo-Elastic Interactions in a Piezo-Thermo-Elastic Medium under a Fractional Time Derivative Model. <i>Mathematics</i> , 2022 , 10, 650	2.3	1
30	Mond-Weir and Wolfe Duality of Set-Valued Fractional Minimax Problems in Terms of Contingent Epi-Derivative of Second-Order. <i>Mathematics</i> , 2022 , 10, 938	2.3	1
29	Passivity Analysis of Fractional-Order Neutral-Type Fuzzy Cellular BAM Neural Networks with Time-Varying Delays. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-18	1.1	1
28	Different Stochastic Resonances Induced by Multiplicative Polynomial Trichotomous Noise in a Fractional Order Oscillator with Time Delay and Fractional Gaussian Noise. <i>Fractal and Fractional</i> , 2022 , 6, 191	3	1
27	Unifications of Continuous and Discrete Fractional Inequalities of the Hermite-Hadamard Jensen-Mercer Type via Majorization. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-24	0.8	1
26	Implementation of the artificial neural network to predict the effectiveness of the solar system using Cu/water-ethylene nanofluid to save energy. <i>Engineering Analysis With Boundary Elements</i> , 2022 , 138, 30-41	2.6	1
25	Study of pressure drop and heat transfer in cooling of lithium-ion battery with rhombic arrangement with two different outlets and different inlet dimensions. <i>Journal of Energy Storage</i> , 2022 , 50, 104255	7.8	1
24	Improvement of efficiency and PEC of parabolic solar collector containing EG-Cu-SWCNT hybrid nanofluid using internal helical fins. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102111	4.7	1
23	Numerical analysis of a time-dependent aligned MHD boundary layer flow of a hybrid nanofluid over a porous radiated stretching/shrinking surface. <i>Waves in Random and Complex Media</i> , 1-17	1.9	1
22	On Some Variational Inequalities Involving Second-Order Partial Derivatives. <i>Fractal and Fractional</i> , 2022 , 6, 236	3	1
21	The Role of Happiness in Financial Decisions: Evidence from Financial Portfolio Choice and Five European Countries. <i>Atlantic Economic Journal</i> , 2019 , 47, 343-360	0.4	0
20	Refinements of Jensen's inequality and applications. <i>AIMS Mathematics</i> , 2022 , 7, 5328-5346	2.2	0

19	Orbit classification in a disk galaxy model with a pseudo-Newtonian central black hole. <i>Astronomy and Astrophysics</i> , 2020 , 643, A33	5.1	o
18	Short-term stability of particles in the WD J0914+1914 white dwarf planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 5171-5181	4.3	o
17	Numerical investigation and ANN modeling of the effect of single-phase and two-phase analysis of convective heat transfer of nanofluid in a cavity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1969-1991	4.1	o
16	Optimality for Control Problem with PDEs of Second-Order as Constraints. <i>Mathematics</i> , 2022 , 10, 977	2.3	o
15	On Some Constrained Optimization Problems. <i>Mathematics</i> , 2022 , 10, 818	2.3	o
14	Lattice Boltzmann-based numerical analysis of nanofluid natural convection in an inclined cavity subject to multiphysics fields.. <i>Scientific Reports</i> , 2022 , 12, 5514	4.9	o
13	Improvements of Slater's Inequality by Means of 4-Convexity and Its Applications. <i>Mathematics</i> , 2022 , 10, 1274	2.3	o
12	The Tracking Control of the Variable-Order Fractional Differential Systems by Time-Varying Sliding-Mode Control Approach. <i>Fractal and Fractional</i> , 2022 , 6, 231	3	o
11	A Discrete Dynamics Approach to a Tumor System. <i>Mathematics</i> , 2022 , 10, 1774	2.3	o
10	Mechanical property test of OLED bending area based on discrete element method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 7541-7551	1.6	
9	Networks of planar symmetric periodic orbits in a barred galaxy model. <i>Astronomische Nachrichten</i> , 2020 , 341, 684-702	0.7	
8	Simulation of a Trombe wall with a number of semicircular fins placed on the absorber plate for heating a room in the presence of nano-PCM. <i>Journal of Building Engineering</i> , 2022 , 50, 104173	5.2	
7	Fuzzy cosets in AG-groups. <i>AIMS Mathematics</i> , 2021 , 7, 3321-3344	2.2	
6	Optimization and numerical investigation of the effect of wall conduction and magnetic field on the nanofluid flow inside a three-dimensional enclosure using the lattice Boltzmann method. <i>Chemical Engineering Communications</i> , 1-15	2.2	
5	The effect of radiation on entropy and heat transfer of MHD nanofluids inside a quarter circular enclosure with a changing L-shaped source: lattice Boltzmann methods. <i>Chemical Engineering Communications</i> , 1-16	2.2	
4	Photo-thermo-elastic interaction in a semiconductor material upon hyperbolic two-temperature and thermal relaxation times. <i>Waves in Random and Complex Media</i> , 1-16	1.9	
3	The basin boundary of the breakup channel in chaotic rearrangement scattering. <i>Nonlinear Dynamics</i> , 2021 , 104, 705-725	5	
2	Financial frictions in the US: asymmetric effects per industry. <i>Applied Economics Letters</i> , 2022 , 29, 767-771		

- 1 Design of Mayer Wavelet Neural Networks for Solving Functional Nonlinear Singular Differential Equation. *Mathematical Problems in Engineering*, **2022**, 2022, 1-11

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