Poom Kumam

List of Publications by Year
in descending order

823 papers	13,088 citations	50276 46 h-index	110387 64 g-index
841 all docs	841 docs citations	841 times ranked	3651 citing authors

#	Article	IF	Citations
1	Parallel shrinking inertial extragradient approximants for pseudomonotone equilibrium, fixed point and generalized split null point problem. Ricerche Di Matematica, 2024, 73, 937-963.	1.0	6
2	A quantum key distribution on qudits using quantum operators. Mathematical Methods in the Applied Sciences, 2023, 46, 15924-15939.	2.3	1
3	Projection method with inertial step for nonlinear equations: Application to signal recovery. Journal of Industrial and Management Optimization, 2023, 19, 30.	1.3	11
4	A new black box method for monotone nonlinear equations. Optimization, 2023, 72, 1119-1137.	1.7	6
5	Convergence theorems for fixed points in $$\hbox {CAT}_p(0)$$ spaces. Journal of Applied Mathematics and Computing, 2023, 69, 631-650.	2.5	6
6	Self-adaptive algorithms for solving split feasibility problem with multiple output sets. Numerical Algorithms, 2023, 92, 1335-1366.	1.9	2
7	A trigonometrically adapted 6(4) explicit Runge–Kutta–Nyström pair to solve oscillating systems. Mathematical Methods in the Applied Sciences, 2023, 46, 560-578.	2.3	1
8	A two-level deep learning approach for emotion recognition in Arabic news headlines. International Journal of Computers and Applications, 2022, 44, 604-613.	1.3	4
9	On the Barzilai–Borwein gradient methods with structured secant equation for nonlinear least squares problems. Optimization Methods and Software, 2022, 37, 1269-1288.	2.4	5
10	Self-adaptive inertial subgradient extragradient scheme for pseudomonotone variational inequality problem. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 77-96.	1.0	4
11	Ball-relaxed projection algorithms for multiple-sets split feasibility problem. Optimization, 2022, 71, 3571-3601.	1.7	3
12	Two generalized non-monotone explicit strongly convergent extragradient methods for solving pseudomonotone equilibrium problems and applications. Mathematics and Computers in Simulation, 2022, 201, 616-639.	4.4	4
13	Tseng's methods for inclusion problems on Hadamard manifolds. Optimization, 2022, 71, 4367-4401.	1.7	9
14	A hybrid conjugate gradient based approach for solving unconstrained optimization and motion control problems. Mathematics and Computers in Simulation, 2022, 201, 640-657.	4.4	25
15	Soft computing paradigm for Ferrofluid by exponentially stretched surface in the presence of magnetic dipole and heat transfer. AEJ - Alexandria Engineering Journal, 2022, 61, 1607-1623.	6.4	33
16	New hybrid three-term spectral-conjugate gradient method for finding solutions of nonlinear monotone operator equations with applications. Mathematics and Computers in Simulation, 2022, 201, 670-683.	4.4	13
17	A comparative fractional study to evaluate thermal performance of NaAlg–MoS2–Co hybrid nanofluid subject to shape factor and dual ramped conditions. AEJ - Alexandria Engineering Journal, 2022, 61, 2166-2187.	6.4	10
18	On Solving Image Deblurring Problem via Nash Equilibrium. Studies in Computational Intelligence, 2022, , 57-66.	0.9	1

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19	Generalized thermal investigation of unsteady MHD flow of Oldroyd-B fluid with slip effects and Newtonian heating; a Caputo-Fabrizio fractional model. AEJ - Alexandria Engineering Journal, 2022, 61, 2188-2202.	6.4	18
20	A derivative-free three-term Hestenesâ€"Stiefel type method for constrained nonlinear equations and image restoration. International Journal of Computer Mathematics, 2022, 99, 1041-1065.	1.8	10
21	Three novel inertial explicit Tseng's extragradient methods for solving pseudomonotone variational inequalities. Optimization, 2022, 71, 4697-4730.	1.7	4
22	Divide well to merge better: A novel clustering algorithm. Pattern Recognition, 2022, 122, 108305.	8.1	18
23	Shrinking approximants for fixed point problem and generalized split null point problem in Hilbert spaces. Optimization Letters, 2022, 16, 1895-1913.	1.6	8
24	ANALYSIS OF TIME-FRACTIONAL KAWAHARA EQUATION UNDER MITTAG-LEFFLER POWER LAW. Fractals, 2022, 30, .	3.7	18
25	Investigation of enhancement in the thermal response of phase change materials through nano powders. Case Studies in Thermal Engineering, 2022, 29, 101654.	5.7	12
26	Accelerated derivativeâ€free method for nonlinear monotone equations with an application. Numerical Linear Algebra With Applications, 2022, 29, e2424.	1.6	12
27	Improved generalized dissimilarity measureâ€based VIKOR method for Pythagorean fuzzy sets. International Journal of Intelligent Systems, 2022, 37, 1807-1845.	5.7	31
28	Multi-inertial parallel hybrid projection algorithm for generalized split null point problems. Journal of Applied Mathematics and Computing, 2022, 68, 3179-3198.	2.5	5
29	An evolutionary trajectory planning algorithm for multi-UAV-assisted MEC system. Soft Computing, 2022, 26, 7479-7492.	3.6	19
30	Fractional order mathematical modeling of typhoid fever disease. Results in Physics, 2022, 32, 105044.	4.1	45
31	Extinction and stationary distribution of a stochastic COVID-19 epidemic model with time-delay. Computers in Biology and Medicine, 2022, 141, 105115.	7.0	59
32	A scientific outcome of wall shear stress on dusty viscoelastic fluid along heat absorbing in an inclined channel. Case Studies in Thermal Engineering, 2022, 30, 101764.	5.7	13
33	Inertial viscosity-type iterative method for solving inclusion problems with applications. Mathematics and Computers in Simulation, 2022, 194, 445-459.	4.4	11
34	Application of Legendre polynomials based neural networks for the analysis of heat and mass transfer of a non-Newtonian fluid in a porous channel. , 2022, 2022, .		7
35	NUMERICAL ANALYSIS OF NEWLY DEVELOPED FRACTAL-FRACTIONAL MODEL OF CASSON FLUID WITH EXPONENTIAL MEMORY. Fractals, 2022, 30, .	3.7	18
36	New fractional identities, associated novel fractional inequalities with applications to means and error estimations for quadrature formulas. Journal of Inequalities and Applications, 2022, 2022, .	1.1	3

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37	Bioconvection Casson nanoliquid film sprayed on a stretching cylinder in the portfolio of homogeneousâ€heterogeneous chemical reactions. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2022, 102, .	1.6	14
38	A New Generalized Quasi-Newton Algorithm Based on Structured Diagonal Hessian Approximation for Solving Nonlinear Least-Squares Problems With Application to 3DOF Planar Robot Arm Manipulator. IEEE Access, 2022, 10, 10816-10826.	4.2	7
39	On three-term conjugate gradient method for optimization problems with applications on COVID-19 model and robotic motion control. , 2022, 2022, 1.		20
40	A fractal fractional model for thermal analysis of GO â˜' NaAlg â˜' Gr hybrid nanofluid flow in a channel considering shape effects. Case Studies in Thermal Engineering, 2022, 31, 101828.	5.7	11
41	A Fractional Analysis of Hyperthermia Therapy on Breast Cancer in a Porous Medium along with Radiative Microwave Heating. Fractal and Fractional, 2022, 6, 82.	3.3	2
42	Heat transfer analysis of radiator using different shaped nanoparticles water-based ternary hybrid nanofluid with applications: A fractional model. Case Studies in Thermal Engineering, 2022, 31, 101837.	5.7	84
43	Investigation of time-fractional SIQR Covid-19 mathematical model with fractal-fractional Mittage-Leffler kernel. AEJ - Alexandria Engineering Journal, 2022, 61, 7771-7779.	6.4	14
44	Finite Difference Simulation of Fractal-Fractional Model of Electro-Osmotic Flow of Casson Fluid in a Micro Channel. IEEE Access, 2022, 10, 26681-26692.	4.2	23
45	One step proximal point schemes for monotone vector field inclusion problems. AIMS Mathematics, 2022, 7, 7385-7402.	1.6	3
46	Significance of Lorentz forces on Jeffrey nanofluid flows over a convectively heated flat surface featured by multiple velocity slips and dual stretching constraint: a homotopy analysis approach. Journal of Computational Design and Engineering, 2022, 9, 564-582.	3.1	10
47	Investigation of thermal performance of Maxwell hybrid nanofluid boundary value problem in vertical porous surface via finite element approach. Scientific Reports, 2022, 12, 2335.	3.3	38
48	Homotopic simulation for heat transport phenomenon of the Burgers nanofluids flow over a stretching cylinder with thermal convective and zero mass flux conditions. Nanotechnology Reviews, 2022, 11, 1437-1449.	5.8	20
49	A Novel Neuroevolutionary Paradigm for Solving Strongly Nonlinear Singular Boundary Value Problems in Physiology. IEEE Access, 2022, 10, 21979-22002.	4.2	1
50	Stability of international pollution control games: A potential game approach. Journal of Dynamics and Games, 2022, .	1.0	0
51	Parametric simulation of micropolar fluid with thermal radiation across a porous stretching surface. Scientific Reports, 2022, 12, 2542.	3.3	38
52	Mixed convective flow of Casson and Oldroyd-B fluids through a stratified stretching sheet with nonlinear thermal radiation and chemical reaction. Journal of Taibah University for Science, 2022, 16, 193-203.	2.5	17
53	Intuitionistic fuzzy divergences: critical analysis and an application in figure skating. Neural Computing and Applications, 2022, 34, 9123-9146.	5.6	5
54	Numerical simulation of bioconvective Darcy Forchhemier nanofluid flow with energy transition over a permeable vertical plate. Scientific Reports, 2022, 12, 3228.	3.3	18

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55	On unsteady 3D bio-convection flow of viscoelastic nanofluid with radiative heat transfer inside a solar collector plate. Scientific Reports, 2022, 12, 2952.	3.3	14
56	"A descent three-term derivative-free method for signal reconstruction in compressive sensing". Carpathian Journal of Mathematics, 2022, 38, 431-443.	0.9	2
57	An efficient hybrid conjugate gradient method for unconstrained optimization. Optimization Methods and Software, 2022, 37, 1370-1383.	2.4	9
58	"An accelerated Visco-Cesaro means Tseng Type splitting method for fixed point and monotone inclusion problems". Carpathian Journal of Mathematics, 2022, 38, 281-297.	0.9	4
59	Influences of Soret and Dufour numbers on mixed convective and chemically reactive Casson fluidsÂflow towards an inclined flat plate. Heat Transfer, 2022, 51, 4393-4433.	3.0	20
60	Analytical Investigation of the Time-Dependent Stagnation Point Flow of a CNT Nanofluid over a Stretching Surface. Nanomaterials, 2022, 12, 1108.	4.1	6
61	On minimization and fixed point problems in Hadamard spaces. Computational and Applied Mathematics, 2022, 41, 1.	2.2	6
62	Heat transfer enhancement and entropy generation of two working fluids of MHD flow with titanium alloy nanoparticle in Darcy medium. Journal of Thermal Analysis and Calorimetry, 2022, 147, 10815-10826.	3.6	14
63	Mixed convective flow of a magnetohydrodynamic Casson fluid through a permeable stretching sheet with first-order chemical reaction. PLoS ONE, 2022, 17, e0265238.	2.5	13
64	Magneto-hydrothermal analysis of copper and copper oxide nanoparticles between two parallel plates with Brownian motion and thermophoresis effects. International Communications in Heat and Mass Transfer, 2022, 133, 105982.	5.6	14
65	A Liu-Storey-type conjugate gradient method for unconstrained minimization problem with application in motion control. Journal of King Saud University - Science, 2022, 34, 101923.	3.5	16
66	A hybrid approach for finding approximate solutions to constrained nonlinear monotone operator equations with applications. Applied Numerical Mathematics, 2022, 177, 79-92.	2.1	5
67	An adaptive block iterative process for a class of multiple sets split variational inequality problems and common fixed point problems in Hilbert spaces. Numerical Algebra, Control and Optimization, 2022, .	1.6	0
68	Sustainable thermal power equipment supplier selection by Einstein prioritized linear Diophantine fuzzy aggregation operators. AIMS Mathematics, 2022, 7, 11201-11242.	1.6	12
69	Another hybrid approach for solving monotone operator equations and application to signal processing. Mathematical Methods in the Applied Sciences, 2022, 45, 7897-7922.	2.3	4
70	Bidirectional flow of MHD nanofluid with Hall current and Cattaneo-Christove heat flux toward the stretching surface. PLoS ONE, 2022, 17, e0264208.	2.5	29
71	Investigation of a time-fractional COVID-19 mathematical model with singular kernel. , 2022, 2022, 34.		7
72	The analytical analysis of fractional order Fokker-Planck equations. AIMS Mathematics, 2022, 7, 11919-11941.	1.6	0

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73	A new class of inertial algorithms with monotonic step sizes for solving fixed point and variational inequalities. Mathematical Methods in the Applied Sciences, 2022, 45, 9061-9088.	2.3	2
74	The inertial iterative extragradient methods for solving pseudomonotone equilibrium programming in Hilbert spaces. Journal of Inequalities and Applications, 2022, 2022, .	1.1	2
75	The Solution Comparison of Time-Fractional Non-Linear Dynamical Systems by Using Different Techniques. Frontiers in Physics, 2022, 10, .	2.1	3
76	Interpolative Hardy Roger's type contraction on a closed ball in ordered dislocated metric spaces and some results. AIMS Mathematics, 2022, 7, 13821-13831.	1.6	0
77	Iterative solutions via some variants of extragradient approximants in Hilbert spaces. AIMS Mathematics, 2022, 7, 13910-13926.	1.6	4
78	The fractional view analysis of the Navier-Stokes equationsÂwithin Caputo operator. Chaos, Solitons and Fractals: X, 2022, , 100076.	2.1	0
79	Convergence analysis of the shrinking approximants for fixed point problem and generalized split common null point problem. Journal of Inequalities and Applications, 2022, 2022, .	1.1	2
80	Mathematical analysis of second law on Casson fluid through a vertical plate with arbitrary shear stress and exponential heating. Pramana - Journal of Physics, 2022, 96, .	1.5	1
81	Approximation method for monotone inclusion problems in real Banach spaces with applications. Journal of Inequalities and Applications, 2022, 2022, .	1.1	7
82	An Exemplar Pyramid Feature Extraction Based Alzheimer Disease Classification Method. IEEE Access, 2022, 10, 66511-66521.	4.2	4
83	A Novel 3D Chaotic System With Line Equilibrium: Multistability, Integral Sliding Mode Control, Electronic Circuit, FPGA Implementation and Its Image Encryption. IEEE Access, 2022, 10, 68057-68074.	4.2	47
84	Analysis of the partially ionized kerosene oil-based ternary nanofluid flow over a convectively heated rotating surface. Open Physics, 2022, 20, 507-525.	1.7	19
85	A Modified Approach of Adomian Decomposition Method to Solve Two-Term Diffusion Wave and Time Fractional Telegraph Equations. IEEE Access, 2022, 10, 77475-77486.	4.2	2
86	Distance Boxplot for Unsupervised Outlier Detection. , 2022, , .		1
87	An extended inertial Halpern-type ball-relaxed CQ algorithm for multiple-sets split feasibility problem. Annals of Functional Analysis, 2022, 13, .	0.8	2
88	Linear approximation method for solving split inverse problems and its applications. Advances in Computational Mathematics, 2022, 48, .	1.6	0
89	A study of triple-mass diffusion species and energy transfer in Carreauâ€"Yasuda material influenced by activation energy and heat source. Scientific Reports, 2022, 12, .	3.3	27
90	Analysis of the MHD partially ionized GO-Ag/water and GO-Ag/kerosene oil hybrid nanofluids flow over a stretching surface with Cattaneoâ€"Christov double diffusion model: A comparative study. International Communications in Heat and Mass Transfer, 2022, 136, 106205.	5.6	27

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91	A comparative analysis of multiple fractional solutions of generalized Couette flow of couple stress fluid in a channel. Heat Transfer, 2022, 51, 7348-7368.	3.0	1
92	COVID-19 Tweets Classification during Lockdown Period Using Machine Learning Classifiers. Applied Computational Intelligence and Soft Computing, 2022, 2022, 1-8.	2.3	3
93	Effects of Soret and Dufour Numbers on the Three-Dimensional MHD Flow of Micropolar Fluid Containing Gyrotactic Microorganisms Over a Bidirectional Stretching Sheet With Cattaneo–Christov Heat and Mass Flux Model. Journal of Heat Transfer, 2022, 144, .	2.1	2
94	Cattaneo–Christov heat flux theory toward the magnetohydrodynamic micropolar hybrid nanofluid flow past a stretching/shrinking sheet with non‐uniform heat source/sink and thermal radiation. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2022, 102, .	1.6	2
95	Iterative algorithms for monotone variational inequality and fixed point problems on Hadamard manifolds. Advances in Operator Theory, 2022, 7, .	0.6	1
96	Dynamics of Williamson Ferro-nanofluid due to bioconvection in the portfolio of magnetic dipole and activation energy over a stretching sheet. International Communications in Heat and Mass Transfer, 2022, 137, 106245.	5.6	21
97	Approximation methods with inertial term for large-scale nonlinear monotone equations. Applied Numerical Mathematics, 2022, 181, 417-435.	2.1	6
98	On modified proximal point algorithms for solving minimization problems and fixed point problems in CAT(κ) spaces. Mathematical Methods in the Applied Sciences, 2021, 44, 12369-12382.	2.3	5
99	Modified Extragradient Method for Pseudomonotone Variational Inequalities in Infinite Dimensional Hilbert Spaces. Vietnam Journal of Mathematics, 2021, 49, 1165-1183.	0.8	27
100	An optimal analysis for magnetohydrodynamics <scp>Darcy–Forchheimer</scp> boundary layer radiative flow past a porous medium. Computational and Mathematical Methods, 2021, 3, e1136.	0.8	0
101	A new Popov's subgradient extragradient method for two classes of equilibrium programming in a real Hilbert space. Optimization, 2021, 70, 2675-2710.	1.7	16
102	Modified Popov's explicit iterative algorithms for solving pseudomonotone equilibrium problems. Optimization Methods and Software, 2021, 36, 82-113.	2.4	45
103	A novel flexible additive Weibull distribution with real-life applications. Communications in Statistics - Theory and Methods, 2021, 50, 1557-1572.	1.0	12
104	Existence and uniqueness for Ψ‐Hilfer fractional differential equation with nonlocal multi‐point condition. Mathematical Methods in the Applied Sciences, 2021, 44, 2506-2520.	2.3	22
105	Analysis of hybrid nanofluid behavior within a porous cavity including Lorentz forces and radiation impacts. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1129-1137.	3.6	57
106	Knowledge measure for the q‐rung orthopair fuzzy sets. International Journal of Intelligent Systems, 2021, 36, 628-655.	5.7	59
107	Novel insights into the computational techniques in unsteady MHD second‐grade fluid dynamics with oscillatory boundary conditions. Heat Transfer, 2021, 50, 2502-2524.	3.0	5
108	An exact analysis of radiative heat transfer and unsteady MHD convective flow of a second‐grade fluid with ramped wall motion and temperature. Heat Transfer, 2021, 50, 196-219.	3.0	10

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109	Design and control of multiphase interleaved boost converters-based on differential flatness theory for PEM fuel cell multi-stack applications. International Journal of Electrical Power and Energy Systems, 2021, 124, 106346.	5.5	26
110	A new analytical approach for the research of thin-film flow of magneto hydrodynamic fluid in the presence of thermal conductivity and variable viscosity. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e201900292.	1.6	12
111	Tseng methods with inertial for solving inclusion problems and application to image deblurring and image recovery problems. Computational and Mathematical Methods, 2021, 3, e1088.	0.8	17
112	Bi-parametric distance and similarity measures of picture fuzzy sets and their applications in medical diagnosis. Egyptian Informatics Journal, 2021, 22, 201-212.	6.8	53
113	A modified self-adaptive extragradient method for pseudomonotone equilibrium problem in a real Hilbert space with applications. Mathematical Methods in the Applied Sciences, 2021, 44, 3527-3547.	2.3	9
114	Statistical features analysis and discrimination of maize seeds utilizing machine vision approach. Journal of Intelligent and Fuzzy Systems, 2021, 40, 703-714.	1.4	8
115	A novel algorithm for the computation of systems containing different types of integral and integro-differential equations. Heat Transfer, 2021, 50, 3065-3078.	3.0	12
116	Multi-Classifier Tree With Transient Features for Drift Compensation in Electronic Nose. IEEE Sensors Journal, 2021, 21, 6564-6574.	4.7	26
117	Magnetohydrodynamic mixed convective peristaltic slip transport of carbon nanotubes dispersed in water through an inclined channel with Joule heating. Heat Transfer, 2021, 50, 2064-2089.	3.0	5
118	A new ranking technique for q-rung orthopair fuzzy values. International Journal of Intelligent Systems, 2021, 36, 558-592.	5.7	34
119	A Perry-type derivative-free algorithm for solving nonlinear system of equations and minimizing ℓ_1 regularized problem. Optimization, 2021, 70, 1231-1259.	1.7	22
120	Learning Human Activity From Visual Data Using Deep Learning. IEEE Access, 2021, 9, 106245-106253.	4.2	4
121	Correlation Coefficients for Cubic Bipolar Fuzzy Sets With Applications to Pattern Recognition and Clustering Analysis. IEEE Access, 2021, 9, 109053-109066.	4.2	15
122	q-Rung Orthopair Fuzzy Modified Dissimilarity Measure Based Robust VIKOR Method and its Applications in Mass Vaccination Campaigns in the Context of COVID-19. IEEE Access, 2021, 9, 93497-93515.	4.2	15
123	Derivative-free method based on DFP updating formula for solving convex constrained nonlinear monotone equations and application. AIMS Mathematics, 2021, 6, 8792-8814.	1.6	9
124	Solving nonlinear monotone operator equations via modified SR1 update. Journal of Applied Mathematics and Computing, 2021, 67, 343-373.	2.5	9
125	Analysis of a Mathematical Model for Drilling System With Reverse Air Circulation by Using the ANN-BHCS Technique. IEEE Access, 2021, 9, 119188-119218.	4.2	7
126	A Spectral RMIL+ Conjugate Gradient Method for Unconstrained Optimization With Applications in Portfolio Selection and Motion Control. IEEE Access, 2021, 9, 75398-75414.	4.2	23

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127	Magnetic field promoted irreversible process of water based nanocomposites with heat and mass transfer flow. Scientific Reports, 2021, 11, 1692.	3.3	13
128	The extended model predictive-sliding mode control of three-level AC/DC power converters with output voltage and load resistance variations. Systems Science and Control Engineering, 2021, 9, 127-137.	3.1	1
129	Inertial Derivative-Free Projection Method for Nonlinear Monotone Operator Equations With Convex Constraints. IEEE Access, 2021, 9, 92157-92167.	4.2	14
130	Mesoscopic Simulation for Magnetized Nanofluid Flow Within a Permeable 3D Tank. IEEE Access, 2021, 9, 135234-135244.	4.2	14
131	Theoretical justifications for the empirically successful VIKOR approach to multi-criteria decision making. Soft Computing, 2021, 25, 7761-7767.	3.6	21
132	An efficient gradient-free projection algorithm for constrained nonlinear equations and image restoration. AIMS Mathematics, 2021, 6, 235-260.	1.6	22
133	A hybrid FR-DY conjugate gradient algorithm for unconstrained optimization with application in portfolio selection. AIMS Mathematics, 2021, 6, 6506-6527.	1.6	19
134	Analysis of boundary layer MHD Darcy-Forchheimer radiative nanofluid flow with soret and dufour effects by means of marangoni convection. Case Studies in Thermal Engineering, 2021, 23, 100792.	5.7	31
135	A mathematical model of Coronavirus Disease (COVID-19) containing asymptomatic and symptomatic classes. Results in Physics, 2021, 21, 103776.	4.1	91
136	Development of Dynamic Model and Analytical Analysis for the Diffusion of Different Species in Non-Newtonian Nanofluid Swirling Flow. Frontiers in Physics, 2021, 8, .	2.1	13
137	PRP-like algorithm for monotone operator equations. Japan Journal of Industrial and Applied Mathematics, 2021, 38, 805-822.	0.9	9
138	Approximation theorems of a solution of amperometric enzymatic reactions based on Green's fixed point normal-S iteration. Advances in Difference Equations, 2021, 2021, .	3.5	3
139	Modified proximal-like extragradient methods for two classes of equilibrium problems in Hilbert spaces with applications. Computational and Applied Mathematics, 2021, 40, 1.	2.2	4
140	Two strongly convergent methods governed by pseudo-monotone bi-function in a real Hilbert space with applications. Journal of Applied Mathematics and Computing, 2021, 67, 891-917.	2.5	8
141	New Tseng's extragradient methods for pseudomonotone variational inequality problems in Hadamard manifolds. Fixed Point Theory and Algorithms for Sciences and Engineering, 2021, 2021, .	0.6	4
142	Unsteady MHD natural convection flow of Casson fluid incorporating thermal radiative flux and heat injection/suction mechanism under variable wall conditions. Scientific Reports, 2021, 11, 4275.	3.3	29
143	A Multiswarm Intelligence Algorithm for Expensive Bound Constrained Optimization Problems. Complexity, 2021, 2021, 1-18.	1.6	7
144	An inertially constructed forward–backward splitting algorithm in Hilbert spaces. Advances in Difference Equations, 2021, 2021, .	3.5	7

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145	A new soft computing approach for studying the wire coating dynamics with Oldroyd 8-constant fluid. Physics of Fluids, 2021, 33, .	4.0	30
146	Fuzzy equilibrium via best proximity pairs in abstract economies. Soft Computing, 2021, 25, 7899-7905.	3.6	1
147	Two new extragradient methods for solving equilibrium problems. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	1.2	11
148	FRACTIONAL MAGNETOHYDRODYNAMIC FLOW OF A SECOND GRADE FLUID IN A POROUS MEDIUM WITH VARIABLE WALL VELOCITY AND NEWTONIAN HEATING. Fractals, 2021, 29, 2150060.	3.7	4
149	Fractional Dynamics of HIV with Source Term for the Supply of New CD4+ T-Cells Depending on the Viral Load via Caputoâ€"Fabrizio Derivative. Molecules, 2021, 26, 1806.	3.8	34
150	Potential difference games and applications. Journal of Difference Equations and Applications, 2021, 27, 342-353.	1.1	2
151	3D nanofluid flow over exponentially expanding surface of Oldroyd-B fluid. Ain Shams Engineering Journal, 2021, 12, 3939-3946.	6.1	17
152	A convective flow of Williamson nanofluid through cone and wedge with non-isothermal and non-isosolutal conditions: A revised Buongiorno model. Case Studies in Thermal Engineering, 2021, 24, 100869.	5.7	46
153	Chemically reactive nanofluid flow past a thin moving needle with viscous dissipation, magnetic effects and hall current. PLoS ONE, 2021, 16, e0249264.	2.5	36
154	Bio-convective and chemically reactive hybrid nanofluid flow upon a thin stirring needle with viscous dissipation. Scientific Reports, 2021, 11, 8066.	3.3	32
155	Analytical Solutions of the Diffusionâ€"Wave Equation of Groundwater Flow with Distributed-Order of Atanganaâ€"Baleanu Fractional Derivative. Applied Sciences (Switzerland), 2021, 11, 4142.	2.5	3
156	Convergence analysis of a general inertial projection-type method for solving pseudomonotone equilibrium problems with applications. Journal of Inequalities and Applications, 2021, 2021, .	1.1	12
157	A stochastic numerical analysis based on hybrid NAR-RBFs networks nonlinear SITR model for novel COVID-19 dynamics. Computer Methods and Programs in Biomedicine, 2021, 202, 105973.	4.7	113
158	Formation of the New Multi-sender Authentication Codes Via Symplectic Space through Finite Commutative Rings with Applications. , 2021, , .		0
159	Radiative MHD unsteady Casson fluid flow with heat source/sink through a vertical channel suspended in porous medium subject to generalized boundary conditions. Physica Scripta, 2021, 96, 075213.	2.5	8
160	Rotating flow assessment of magnetized mixture fluid suspended with hybrid nanoparticles and chemical reactions of species. Scientific Reports, 2021, 11, 11277.	3.3	16
161	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. Computational and Mathematical Methods, 2021, 3, e1162.	0.8	24
162	On nonlinear classical and fractional order dynamical system addressing COVID-19. Results in Physics, 2021, 24, 104069.	4.1	32

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163	Blood based hybrid nanofluid flow together with electromagnetic field and couple stresses. Scientific Reports, 2021, 11, 12865.	3.3	28
164	A Framework for the Magnetic Dipole Effect on the Thixotropic Nanofluid Flow Past a Continuous Curved Stretched Surface. Crystals, 2021, 11, 645.	2.2	15
165	Computational optimization for the deposition of bioconvection thin Oldroyd-B nanofluid with entropy generation. Scientific Reports, 2021, 11, 11641.	3.3	14
166	Re-modified derivative-free iterative method for nonlinear monotone equations with convex constraints. Ain Shams Engineering Journal, 2021, 12, 2205-2210.	6.1	15
167	Joule heating in magnetohydrodynamic micropolar boundary layer flow past a stretching sheet with chemical reaction and microstructural slip. Case Studies in Thermal Engineering, 2021, 25, 100870.	5.7	46
168	The Effect of Wall Shear Stress on Two Phase Fluctuating Flow of Dusty Fluids by Using Light Hill Technique. Water (Switzerland), 2021, 13, 1587.	2.7	12
169	Exploring the nanomechanical concepts of development through recent updates in magnetically guided system. Scientific Reports, 2021, 11, 13576.	3.3	5
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