

Poom Kumam

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.

758
papers

7,383
citations

36
h-index

48
g-index

841
ext. papers

9,953
ext. citations

2.4
avg, IF

7.34
L-index

#	Paper	IF	Citations
758	A New Similarity Measure for Single Valued Neutrosophic Sets. <i>Lecture Notes in Networks and Systems</i> , 2022 , 397-404	0.5	
757	New fractional identities, associated novel fractional inequalities with applications to means and error estimations for quadrature formulas. <i>Journal of Inequalities and Applications</i> , 2022 , 2022,	2.1	1
756	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. <i>IEEE Access</i> , 2022 , 10, 10816-10826	3.5	0
755	On three-term conjugate gradient method for optimization problems with applications on COVID-19 model and robotic motion control. 2022 , 2022, 1		1
754	A fractal fractional model for thermal analysis of GO [NaAlg [Gr hybrid nanofluid flow in a channel considering shape effects. <i>Case Studies in Thermal Engineering</i> , 2022 , 31, 101828	5.6	2
753	A Fractional Analysis of Hyperthermia Therapy on Breast Cancer in a Porous Medium along with Radiative Microwave Heating. <i>Fractal and Fractional</i> , 2022 , 6, 82	3	
752	Heat transfer analysis of radiator using different shaped nanoparticles water-based ternary hybrid nanofluid with applications: A fractional model. <i>Case Studies in Thermal Engineering</i> , 2022 , 31, 101837	5.6	12
751	Investigation of time-fractional SIQR Covid-19 mathematical model with fractal-fractional Mittag-Leffler kernel. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 7771-7779	6.1	0
750	Finite Difference Simulation of Fractal-Fractional Model of Electro-Osmotic Flow of Casson Fluid in a Micro Channel. <i>IEEE Access</i> , 2022 , 1-1	3.5	4
749	One step proximal point schemes for monotone vector field inclusion problems. <i>AIMS Mathematics</i> , 2022 , 7, 7385-7402	2.2	0
748	Investigation of thermal performance of Maxwell hybrid nanofluid boundary value problem in vertical porous surface via finite element approach.. <i>Scientific Reports</i> , 2022 , 12, 2335	4.9	5
747	Fractional order mathematical modeling of typhoid fever disease. <i>Results in Physics</i> , 2022 , 32, 105044	3.7	8
746	A scientific outcome of wall shear stress on dusty viscoelastic fluid along heat absorbing in an inclined channel. <i>Case Studies in Thermal Engineering</i> , 2022 , 30, 101764	5.6	1
745	Inertial viscosity-type iterative method for solving inclusion problems with applications. <i>Mathematics and Computers in Simulation</i> , 2022 , 194, 445-459	3.3	2
744	On Solving Image Deblurring Problem via Nash Equilibrium. <i>Studies in Computational Intelligence</i> , 2022 , 57-66	0.8	
743	Divide well to merge better: A novel clustering algorithm. <i>Pattern Recognition</i> , 2022 , 122, 108305	7.7	2
742	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> , 2022 , 11, 1437-1449	6.3	2

741	A Novel Neuroevolutionary Paradigm for Solving Strongly Nonlinear Singular Boundary Value Problems in Physiology. <i>IEEE Access</i> , 2022 , 10, 21979-22002	3.5	0
740	Stability of international pollution control games: A potential game approach. <i>Journal of Dynamics and Games</i> , 2022 ,	1.9	
739	Parametric simulation of micropolar fluid with thermal radiation across a porous stretching surface.. <i>Scientific Reports</i> , 2022 , 12, 2542	4.9	6
738	Mixed convective flow of Casson and Oldroyd-B fluids through a stratified stretching sheet with nonlinear thermal radiation and chemical reaction. <i>Journal of Taibah University for Science</i> , 2022 , 16, 193-203	3.203	2
737	Numerical simulation of bioconvective Darcy Forchhemier nanofluid flow with energy transition over a permeable vertical plate.. <i>Scientific Reports</i> , 2022 , 12, 3228	4.9	3
736	On unsteady 3D bio-convection flow of viscoelastic nanofluid with radiative heat transfer inside a solar collector plate.. <i>Scientific Reports</i> , 2022 , 12, 2952	4.9	1
735	On minimization and fixed point problems in Hadamard spaces. <i>Computational and Applied Mathematics</i> , 2022 , 41, 1	2.4	0
734	Mixed convective flow of a magnetohydrodynamic Casson fluid through a permeable stretching sheet with first-order chemical reaction.. <i>PLoS ONE</i> , 2022 , 17, e0265238	3.7	1
733	Magneto-hydrothermal analysis of copper and copper oxide nanoparticles between two parallel plates with Brownian motion and thermophoresis effects. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 133, 105982	5.8	3
732	A Liu-Storey-type conjugate gradient method for unconstrained minimization problem with application in motion control. <i>Journal of King Saud University - Science</i> , 2022 , 34, 101923	3.6	2
731	A hybrid approach for finding approximate solutions to constrained nonlinear monotone operator equations with applications. <i>Applied Numerical Mathematics</i> , 2022 , 177, 79-92	2.5	
730	An adaptive block iterative process for a class of multiple sets split variational inequality problems and common fixed point problems in Hilbert spaces. <i>Numerical Algebra, Control and Optimization</i> , 2022 ,	1.7	
729	Sustainable thermal power equipment supplier selection by Einstein prioritized linear Diophantine fuzzy aggregation operators. <i>AIMS Mathematics</i> , 2022 , 7, 11201-11242	2.2	3
728	Bidirectional flow of MHD nanofluid with Hall current and Cattaneo-Christove heat flux toward the stretching surface.. <i>PLoS ONE</i> , 2022 , 17, e0264208	3.7	7
727	Investigation of a time-fractional COVID-19 mathematical model with singular kernel. 2022 , 2022, 34		1
726	The analytical analysis of fractional order Fokker-Planck equations. <i>AIMS Mathematics</i> , 2022 , 7, 11919-11941	1.941	
725	The inertial iterative extragradient methods for solving pseudomonotone equilibrium programming in Hilbert spaces. <i>Journal of Inequalities and Applications</i> , 2022 , 2022,	2.1	1
724	Interpolative Hardy Roger's type contraction on a closed ball in ordered dislocated metric spaces and some results. <i>AIMS Mathematics</i> , 2022 , 7, 13821-13831	2.2	

723	Iterative solutions via some variants of extragradient approximants in Hilbert spaces. <i>AIMS Mathematics</i> , 2022 , 7, 13910-13926	2.2	1
722	The fractional view analysis of the Navier-Stokes equations within Caputo operator. <i>Chaos, Solitons and Fractals: X</i> , 2022 , 100076	3	
721	Heat source and sink effects on periodic mixed convection flow along the electrically conducting cone inserted in porous medium.. <i>PLoS ONE</i> , 2021 , 16, e0260845	3.7	2
720	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> , 2021 , 16, e0260854	3.7	5
719	An inertial iterative scheme for solving variational inclusion with application to Nash-Cournot equilibrium and image restoration problems. <i>Carpathian Journal of Mathematics</i> , 2021 , 37, 361-380	1.3	3
718	Future Prediction of COVID-19 Vaccine Trends Using a Voting Classifier. <i>Data</i> , 2021 , 6, 112	2.3	0
717	Composition of Quantum Operations and Their Fixed Points. <i>Studies in Computational Intelligence</i> , 2021 , 51-65	0.8	
716	Investigation of enhancement in the thermal response of phase change materials through nano powders. <i>Case Studies in Thermal Engineering</i> , 2021 , 29, 101654	5.6	1
715	A novel comparative case study of entropy generation for natural convection flow of proportional-Caputo hybrid and Atangana baleanu fractional derivative. <i>Scientific Reports</i> , 2021 , 11, 227619	4.9	2
714	Strong convergence of alternated inertial CQ relaxed method with application in signal recovery. <i>Computational and Applied Mathematics</i> , 2021 , 40, 1	2.4	0
713	Electromagnetohydrodynamic bioconvective flow of binary fluid containing nanoparticles and gyrotactic microorganisms through a stratified stretching sheet. <i>Scientific Reports</i> , 2021 , 11, 23159	4.9	4
712	Investigation of Non-Linear MHD JefferyBlamel Blood Flow Model Using a Hybrid Metaheuristic Approach. <i>IEEE Access</i> , 2021 , 9, 163214-163232	3.5	2
711	Extinction and stationary distribution of a stochastic COVID-19 epidemic model with time-delay.. <i>Computers in Biology and Medicine</i> , 2021 , 141, 105115	7	15
710	Thermal Analysis of Conductive-Convective-Radiative Heat Exchangers With Temperature Dependent Thermal Conductivity. <i>IEEE Access</i> , 2021 , 9, 138876-138902	3.5	4
709	Impact of thermal radiation and non-uniform heat flux on MHD hybrid nanofluid along a stretching cylinder. <i>Scientific Reports</i> , 2021 , 11, 20262	4.9	7
708	Darcy-Forchheimer couple stress hybrid nanofluids flow with variable fluid properties. <i>Scientific Reports</i> , 2021 , 11, 19612	4.9	10
707	The Flow of Blood-Based Hybrid Nanofluids with Couple Stresses by the Convergent and Divergent Channel for the Applications of Drug Delivery. <i>Molecules</i> , 2021 , 26,	4.8	10
706	Analysis of newly developed fractal-fractional derivative with power law kernel for MHD couple stress fluid in channel embedded in a porous medium. <i>Scientific Reports</i> , 2021 , 11, 20858	4.9	4

705	Numerical Exploration via Least Squares Estimation on Three Dimensional MHD Yield Exhibiting Nanofluid Model with Porous Stretching Boundaries. <i>Fractal and Fractional</i> , 2021 , 5, 167	3	1
704	Fractional order stagnation point flow of the hybrid nanofluid towards a stretching sheet. <i>Scientific Reports</i> , 2021 , 11, 20429	4.9	16
703	Distance and Similarity Measures of Generalized Intuitionistic Fuzzy Soft Set and Its Applications in Decision Support System. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 355-362	0.4	3
702	Fuzzy equilibrium via best proximity pairs in abstract economies. <i>Soft Computing</i> , 2021 , 25, 7899-7905	3.5	
701	Two new extragradient methods for solving equilibrium problems. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021 , 115, 1	1.6	7
700	FRACTIONAL MAGNETOHYDRODYNAMIC FLOW OF A SECOND GRADE FLUID IN A POROUS MEDIUM WITH VARIABLE WALL VELOCITY AND NEWTONIAN HEATING. <i>Fractals</i> , 2021 , 29, 2150060	3.2	1
699	Fractional Dynamics of HIV with Source Term for the Supply of New CD4 T-Cells Depending on the Viral Load via Caputo-Fabrizio Derivative. <i>Molecules</i> , 2021 , 26,	4.8	11
698	Potential difference games and applications. <i>Journal of Difference Equations and Applications</i> , 2021 , 27, 342-353	1	0
697	3D nanofluid flow over exponentially expanding surface of Oldroyd-B fluid. <i>Ain Shams Engineering Journal</i> , 2021 ,	4.4	7
696	A convective flow of Williamson nanofluid through cone and wedge with non-isothermal and non-isosolutal conditions: A revised Buongiorno model. <i>Case Studies in Thermal Engineering</i> , 2021 , 24, 100869	5.6	13
695	Chemically reactive nanofluid flow past a thin moving needle with viscous dissipation, magnetic effects and hall current. <i>PLoS ONE</i> , 2021 , 16, e0249264	3.7	14
694	Bio-convective and chemically reactive hybrid nanofluid flow upon a thin stirring needle with viscous dissipation. <i>Scientific Reports</i> , 2021 , 11, 8066	4.9	13
693	Analytical Solutions of the DiffusionWave Equation of Groundwater Flow with Distributed-Order of AtanganaBaleanu Fractional Derivative. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4142	2.6	0
692	Convergence analysis of a general inertial projection-type method for solving pseudomonotone equilibrium problems with applications. <i>Journal of Inequalities and Applications</i> , 2021 , 2021,	2.1	9
691	A stochastic numerical analysis based on hybrid NAR-RBFs networks nonlinear Sitr model for novel COVID-19 dynamics. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 202, 105973	6.9	58
690	Two generalized non-monotone explicit strongly convergent extragradient methods for solving pseudomonotone equilibrium problems and applications. <i>Mathematics and Computers in Simulation</i> , 2021 ,	3.3	3
689	Radiative MHD unsteady Casson fluid flow with heat source/sink through a vertical channel suspended in porous medium subject to generalized boundary conditions. <i>Physica Scripta</i> , 2021 , 96, 075213	2.6	2
688	Rotating flow assessment of magnetized mixture fluid suspended with hybrid nanoparticles and chemical reactions of species. <i>Scientific Reports</i> , 2021 , 11, 11277	4.9	8

687	On nonlinear classical and fractional order dynamical system addressing COVID-19. <i>Results in Physics</i> , 2021 , 24, 104069	3.7	11
686	Blood based hybrid nanofluid flow together with electromagnetic field and couple stresses. <i>Scientific Reports</i> , 2021 , 11, 12865	4.9	10
685	A Framework for the Magnetic Dipole Effect on the Thixotropic Nanofluid Flow Past a Continuous Curved Stretched Surface. <i>Crystals</i> , 2021 , 11, 645	2.3	6
684	Computational optimization for the deposition of bioconvection thin Oldroyd-B nanofluid with entropy generation. <i>Scientific Reports</i> , 2021 , 11, 11641	4.9	7
683	Re-modified derivative-free iterative method for nonlinear monotone equations with convex constraints. <i>Ain Shams Engineering Journal</i> , 2021 , 12, 2205-2210	4.4	10
682	Joule heating in magnetohydrodynamic micropolar boundary layer flow past a stretching sheet with chemical reaction and microstructural slip. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100870	5.6	18
681	The Effect of Wall Shear Stress on Two Phase Fluctuating Flow of Dusty Fluids by Using Light Hill Technique. <i>Water (Switzerland)</i> , 2021 , 13, 1587	3	3
680	Exploring the nanomechanical concepts of development through recent updates in magnetically guided system. <i>Scientific Reports</i> , 2021 , 11, 13576	4.9	2
679	Bio-convective micropolar nanofluid flow over thin moving needle subject to Arrhenius activation energy, viscous dissipation and binary chemical reaction. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100989	5.6	20
678	A hybrid conjugate gradient based approach for solving unconstrained optimization and motion control problems. <i>Mathematics and Computers in Simulation</i> , 2021 ,	3.3	8
677	Significance of Shape Factor in Heat Transfer Performance of Molybdenum-Disulfide Nanofluid in Multiple Flow Situations; A Comparative Fractional Study. <i>Molecules</i> , 2021 , 26,	4.8	11
676	Monotone Vector Fields and Generation of Nonexpansive Semigroups in Complete CAT(0) Spaces. <i>Numerical Functional Analysis and Optimization</i> , 2021 , 42, 989-1018	1	1
675	Enhanced context-aware recommendation using topic modeling and particle swarm optimization. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 12227-12242	1.6	0
674	An epidemic prediction from analysis of a combined HIV-COVID-19 co-infection model via ABC-fractional operator. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2979-2995	6.1	25
673	Improved cosine and cotangent function-based similarity measures for q-rung orthopair fuzzy sets and TOPSIS method. <i>Complex & Intelligent Systems</i> , 2021 , 7, 2679	7.1	10
672	Soft computing paradigm for Ferrofluid by exponentially stretched surface in the presence of magnetic dipole and heat transfer. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	12
671	New hybrid three-term spectral-conjugate gradient method for finding solutions of nonlinear monotone operator equations with applications. <i>Mathematics and Computers in Simulation</i> , 2021 ,	3.3	5
670	Alternative structured spectral gradient algorithms for solving nonlinear least-squares problems. <i>Heliyon</i> , 2021 , 7, e07499	3.6	1

669	. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1500-1511	8.2	4
668	A comparative fractional study to evaluate thermal performance of NaAlG ₂ MoS ₂ hybrid nanofluid subject to shape factor and dual ramped conditions. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	4
667	An axiomatically supported divergence measures for q-rung orthopair fuzzy sets. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 6133-6155	8.4	7
666	Picture Fuzzy Soft Robust VIKOR Method and its Applications in Decision-Making. <i>Fuzzy Information and Engineering</i> , 2021 , 13, 296-322	0.5	2
665	Generalized thermal investigation of unsteady MHD flow of Oldroyd-B fluid with slip effects and Newtonian heating; a Caputo-Fabrizio fractional model. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	7
664	Modified Popov's explicit iterative algorithms for solving pseudomonotone equilibrium problems. <i>Optimization Methods and Software</i> , 2021 , 36, 82-113	1.3	32
663	A novel flexible additive Weibull distribution with real-life applications. <i>Communications in Statistics - Theory and Methods</i> , 2021 , 50, 1557-1572	0.5	3
662	Existence and uniqueness for Ξ -Hilfer fractional differential equation with nonlocal multi-point condition. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 2506-2520	2.3	13
661	Analysis of hybrid nanofluid behavior within a porous cavity including Lorentz forces and radiation impacts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1129-1137	4.1	38
660	Knowledge measure for the q-rung orthopair fuzzy sets. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 628-655	8.4	30
659	Novel insights into the computational techniques in unsteady MHD second-grade fluid dynamics with oscillatory boundary conditions. <i>Heat Transfer</i> , 2021 , 50, 2502-2524	3.1	5
658	An exact analysis of radiative heat transfer and unsteady MHD convective flow of a second-grade fluid with ramped wall motion and temperature. <i>Heat Transfer</i> , 2021 , 50, 196-219	3.1	8
657	Design and control of multiphase interleaved boost converters-based on differential flatness theory for PEM fuel cell multi-stack applications. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 124, 106346	5.1	9
656	A new analytical approach for the research of thin-film flow of magneto hydrodynamic fluid in the presence of thermal conductivity and variable viscosity. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021 , 101, e201900292	1	9
655	Tseng methods with inertial for solving inclusion problems and application to image deblurring and image recovery problems. <i>Computational and Mathematical Methods</i> , 2021 , 3, e1088	0.9	6
654	Bi-parametric distance and similarity measures of picture fuzzy sets and their applications in medical diagnosis. <i>Egyptian Informatics Journal</i> , 2021 , 22, 201-212	3.1	25
653	A modified self-adaptive extragradient method for pseudomonotone equilibrium problem in a real Hilbert space with applications. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 3527-3547	2.3	7
652	Statistical features analysis and discrimination of maize seeds utilizing machine vision approach. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 703-714	1.6	4

651	A novel algorithm for the computation of systems containing different types of integral and integro-differential equations. <i>Heat Transfer</i> , 2021 , 50, 3065-3078	3.1	6
650	Multi-Classifer Tree With Transient Features for Drift Compensation in Electronic Nose. <i>IEEE Sensors Journal</i> , 2021 , 21, 6564-6574	4	10
649	Magnetohydrodynamic mixed convective peristaltic slip transport of carbon nanotubes dispersed in water through an inclined channel with Joule heating. <i>Heat Transfer</i> , 2021 , 50, 2064-2089	3.1	2
648	A new ranking technique for q-rung orthopair fuzzy values. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 558-592	8.4	20
647	A Perry-type derivative-free algorithm for solving nonlinear system of equations and minimizing $\ $ regularized problem. <i>Optimization</i> , 2021 , 70, 1231-1259	1.2	13
646	Learning Human Activity From Visual Data Using Deep Learning. <i>IEEE Access</i> , 2021 , 9, 106245-106253	3.5	2
645	Correlation Coefficients for Cubic Bipolar Fuzzy Sets With Applications to Pattern Recognition and Clustering Analysis. <i>IEEE Access</i> , 2021 , 9, 109053-109066	3.5	6
644	q-Rung Orthopair Fuzzy Modified Dissimilarity Measure Based Robust VIKOR Method and its Applications in Mass Vaccination Campaigns in the Context of COVID-19. <i>IEEE Access</i> , 2021 , 9, 93497-93515	3.5	4
643	Derivative-free method based on DFP updating formula for solving convex constrained nonlinear monotone equations and application. <i>AIMS Mathematics</i> , 2021 , 6, 8792-8814	2.2	1
642	Solving nonlinear monotone operator equations via modified SR1 update. <i>Journal of Applied Mathematics and Computing</i> , 2021 , 67, 343-373	1.8	6
641	Analysis of a Mathematical Model for Drilling System With Reverse Air Circulation by Using the ANN-BHCS Technique. <i>IEEE Access</i> , 2021 , 9, 119188-119218	3.5	4
640	A Spectral RMIL+ Conjugate Gradient Method for Unconstrained Optimization With Applications in Portfolio Selection and Motion Control. <i>IEEE Access</i> , 2021 , 9, 75398-75414	3.5	8
639	Magnetic field promoted irreversible process of water based nanocomposites with heat and mass transfer flow. <i>Scientific Reports</i> , 2021 , 11, 1692	4.9	9
638	The extended model predictive-sliding mode control of three-level AC/DC power converters with output voltage and load resistance variations. <i>Systems Science and Control Engineering</i> , 2021 , 9, 127-137 ²		
637	Inertial Derivative-Free Projection Method for Nonlinear Monotone Operator Equations With Convex Constraints. <i>IEEE Access</i> , 2021 , 9, 92157-92167	3.5	4
636	Mesoscopic Simulation for Magnetized Nanofluid Flow Within a Permeable 3D Tank. <i>IEEE Access</i> , 2021 , 1-1	3.5	4
635	Theoretical justifications for the empirically successful VIKOR approach to multi-criteria decision making. <i>Soft Computing</i> , 2021 , 25, 7761-7767	3.5	13
634	An efficient gradient-free projection algorithm for constrained nonlinear equations and image restoration. <i>AIMS Mathematics</i> , 2021 , 6, 235-260	2.2	15

633	A hybrid FR-DY conjugate gradient algorithm for unconstrained optimization with application in portfolio selection. <i>AIMS Mathematics</i> , 2021 , 6, 6506-6527	2.2	8
632	Analysis of boundary layer MHD Darcy-Forchheimer radiative nanofluid flow with solet and dufour effects by means of marangoni convection. <i>Case Studies in Thermal Engineering</i> , 2021 , 23, 100792	5.6	14
631	A mathematical model of Coronavirus Disease (COVID-19) containing asymptomatic and symptomatic classes. <i>Results in Physics</i> , 2021 , 21, 103776	3.7	41
630	Development of Dynamic Model and Analytical Analysis for the Diffusion of Different Species in Non-Newtonian Nanofluid Swirling Flow. <i>Frontiers in Physics</i> , 2021 , 8,	3.9	6
629	PRP-like algorithm for monotone operator equations. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2021 , 38, 805-822	0.6	5
628	Approximation theorems of a solution of amperometric enzymatic reactions based on Green's fixed point normal-S iteration. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	1
627	Modified proximal-like extragradient methods for two classes of equilibrium problems in Hilbert spaces with applications. <i>Computational and Applied Mathematics</i> , 2021 , 40, 1	2.4	3
626	Two strongly convergent methods governed by pseudo-monotone bi-function in a real Hilbert space with applications. <i>Journal of Applied Mathematics and Computing</i> , 2021 , 67, 891-917	1.8	4
625	Unsteady MHD natural convection flow of Casson fluid incorporating thermal radiative flux and heat injection/suction mechanism under variable wall conditions. <i>Scientific Reports</i> , 2021 , 11, 4275	4.9	10
624	A Multiswarm Intelligence Algorithm for Expensive Bound Constrained Optimization Problems. <i>Complexity</i> , 2021 , 2021, 1-18	1.6	2
623	An inertially constructed forward-Backward splitting algorithm in Hilbert spaces. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	4
622	A new soft computing approach for studying the wire coating dynamics with Oldroyd 8-constant fluid. <i>Physics of Fluids</i> , 2021 , 33, 036117	4.4	17
621	Numerical simulation for bioconvective flow of burger nanofluid with effects of activation energy and exponential heat source/sink over an inclined wall under the swimming microorganisms. <i>Scientific Reports</i> , 2021 , 11, 14305	4.9	4
620	Soret-Dufour impact on a three-dimensional Casson nanofluid flow with dust particles and variable characteristics in a permeable media. <i>Scientific Reports</i> , 2021 , 11, 14513	4.9	5
619	Multistage Forward Path Regenerative Genetic Algorithm for Brain Magnetic Resonant Imaging Registration. <i>Big Data</i> , 2021 ,	3.1	1
618	Numerical Approximation of Microorganisms Hybrid Nanofluid Flow Induced by a Wavy Fluctuating Spinning Disc. <i>Coatings</i> , 2021 , 11, 1032	2.9	17
617	A Numerical Study of Nonlinear Fractional Order Partial Integro-Differential Equation with a Weakly Singular Kernel. <i>Fractal and Fractional</i> , 2021 , 5, 85	3	1
616	Modelling and numerical computation for flow of micropolar fluid towards an exponential curved surface: a Keller box method. <i>Scientific Reports</i> , 2021 , 11, 16351	4.9	2

615	Magnetized and non-magnetized Casson fluid flow with gyrotactic microorganisms over a stratified stretching cylinder. <i>Scientific Reports</i> , 2021 , 11, 16376	4.9	5
614	Nanoparticles shape effects on thermal performance of Brinkman-type ferrofluid under heat injection/consumption and thermal radiation: A fractional model with non-singular kernel and non-uniform temperature and velocity conditions. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116107	6	4
613	Solutions of fractional order differential equations modeling temperature distribution in convective straight fins design. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	4
612	Hybrid Optimized Approaches for Routing and Resource Reservation Protocols in Optical Networks. <i>IEEE Photonics Journal</i> , 2021 , 13, 1-13	1.8	1
611	A Phase-Fitted and Amplification-Fitted Explicit Runge-Kutta-Nyström Pair for Oscillating Systems. <i>Mathematical and Computational Applications</i> , 2021 , 26, 59	1	0
610	Numerical analysis of 3-D MHD hybrid nanofluid over a rotational disk in presence of thermal radiation with Joule heating and viscous dissipation effects using Lobatto IIIA technique. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3605-3619	6.1	36
609	Hybrid nanofluid flow through a spinning Darcy-Forchheimer porous space with thermal radiation. <i>Scientific Reports</i> , 2021 , 11, 16708	4.9	11
608	Analytical Simulation for Magnetohydrodynamic Maxwell Fluid Flow Past an Exponentially Stretching Surface with First-Order Velocity Slip Condition. <i>Coatings</i> , 2021 , 11, 1009	2.9	2
607	A numerical study of chemical reaction in a nanofluid flow due to rotating disk in the presence of magnetic field. <i>Scientific Reports</i> , 2021 , 11, 19399	4.9	5
606	Computational study for temperature distribution in ArF excimer laser corneal refractive surgeries using different beam delivery techniques. <i>Lasers in Medical Science</i> , 2021 , 1	3.1	1
605	Mechanical analysis of non-Newtonian nanofluid past a thin needle with dipole effect and entropic characteristics. <i>Scientific Reports</i> , 2021 , 11, 19378	4.9	8
604	Grain boundary energy function for Iron. <i>Materialia</i> , 2021 , 19, 101186	3.2	3
603	Non-linear convective flow of the thin film nanofluid over an inclined stretching surface. <i>Scientific Reports</i> , 2021 , 11, 18410	4.9	11
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