

Thabet Abdeljawad

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.

430
papers

8,550
citations

45
h-index

76
g-index

466
ext. papers

10,787
ext. citations

2.9
avg, IF

7.78
L-index

#	Paper	IF	Citations
430	New Fixed Point Theorem on Triple Controlled Metric Type Spaces with Applications to Volterra-Fredholm Integro-Dynamic Equations. <i>Axioms</i> , 2022 , 11, 19	1.6	0
429	Numerical solutions of time fractional Burgers equation involving Atangana-Baleanu derivative via cubic B-spline functions. <i>Results in Physics</i> , 2022 , 34, 105244	3.7	3
428	Numerical Study of Caputo Fractional-Order Differential Equations by Developing New Operational Matrices of Vieta-Lucas Polynomials. <i>Fractal and Fractional</i> , 2022 , 6, 79	3	0
427	A Novel Generalization of Błzier-like Curves and Surfaces with Shape Parameters. <i>Mathematics</i> , 2022 , 10, 376	2.3	2
426	On a class of differential inclusions in the frame of generalized Hilfer fractional derivative. <i>AIMS Mathematics</i> , 2022 , 7, 3477-3493	2.2	0
425	Existence of fixed point results in orthogonal extended b-metric spaces with application. <i>AIMS Mathematics</i> , 2022 , 7, 6282-6293	2.2	0
424	Blasius-Rayleigh-Stokes Flow of Hybrid Nanomaterial Liquid Past a Stretching Surface with Generalized Fourier's and Fick's Law.. <i>Nanomaterials</i> , 2022 , 12,	5.4	2
423	A Novel Root-Finding Algorithm with Engineering Applications and Its Dynamics Via Computer Technology. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
422	Some new Caputo fractional derivative inequalities for exponentially ξ ($\theta, h-m$) ξ -convex functions. <i>AIMS Mathematics</i> , 2022 , 7, 3006-3026	2.2	0
421	Utilization of Machine Learning Methods in Modeling Specific Heat Capacity of Nanofluids. <i>Computers, Materials and Continua</i> , 2022 , 70, 361-374	3.9	4
420	Asymptotic behavior of even-order noncanonical neutral differential equations. <i>Demonstratio Mathematica</i> , 2022 , 55, 28-39	1.6	1
419	Computation of numerical solutions to variable order fractional differential equations by using non-orthogonal basis. <i>AIMS Mathematics</i> , 2022 , 7, 10917-10938	2.2	5
418	On spectral numerical method for variable-order partial differential equations. <i>AIMS Mathematics</i> , 2022 , 7, 10422-10438	2.2	7
417	On degree theory for non-monotone type fractional order delay differential equations. <i>AIMS Mathematics</i> , 2022 , 7, 9479-9492	2.2	3
416	The exact solutions of conformable time-fractional modified nonlinear Schrödinger equation by Direct algebraic method and Sine-Gordon expansion method. <i>AIMS Mathematics</i> , 2022 , 7, 10807-10827	2.2	0
415	Novel fixed point technique to coupled system of nonlinear implicit fractional differential equations in complex valued fuzzy rectangular ξ b ξ -metric spaces. <i>AIMS Mathematics</i> , 2022 , 7, 10867-10891	2.2	0
414	An Efficient Iterative Procedure for Proximally Quasi-Nonexpansive Mappings and a Class of Boundary Value Problems. <i>Axioms</i> , 2022 , 11, 90	1.6	

4 ¹³	Extremal Solutions of Generalized Caputo-Type Fractional-Order Boundary Value Problems Using Monotone Iterative Method. <i>Fractal and Fractional</i> , 2022 , 6, 146	3	4
4 ¹²	Numerical Approximations for the Solutions of Fourth Order Time Fractional Evolution Problems Using a Novel Spline Technique. <i>Fractal and Fractional</i> , 2022 , 6, 170	3	2
4 ¹¹	Heat Transfer Analysis of Nanostructured Material Flow over an Exponentially Stretching Surface: A Comparative Study.. <i>Nanomaterials</i> , 2022 , 12,	5.4	6
4 ¹⁰	Computational study on the dynamics of fractional order differential equations with applications. <i>Chaos, Solitons and Fractals</i> , 2022 , 157, 111955	9.3	11
4 ⁰⁹	On computational analysis of highly nonlinear model addressing real world applications. <i>Results in Physics</i> , 2022 , 36, 105431	3.7	5
4 ⁰⁸	Generalized exponential function and initial value problem for conformable dynamic equations. <i>AIMS Mathematics</i> , 2022 , 7, 12050-12076	2.2	0
4 ⁰⁷	Study of multi term delay fractional order impulsive differential equation using fixed point approach. <i>AIMS Mathematics</i> , 2022 , 7, 11551-11580	2.2	1
4 ⁰⁶	Fixed point theory in complex valued controlled metric spaces with an application. <i>AIMS Mathematics</i> , 2022 , 7, 11879-11904	2.2	1
4 ⁰⁵	Study of a Coupled System with Sub-Strip and Multi-Valued Boundary Conditions via Topological Degree Theory on an Infinite Domain. <i>Symmetry</i> , 2022 , 14, 841	2.7	2
4 ⁰⁴	Study of fractional order dynamics of nonlinear mathematical model. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 11211-11224	6.1	4
4 ⁰³	Some generalized fixed point results of Banach and ψ -type in extended fuzzy b -metric spaces with applications. <i>AIMS Mathematics</i> , 2022 , 7, 14029-14050	2.2	
4 ⁰²	Heat and mass transfer analysis above an unsteady infinite porous surface with chemical reaction. <i>Case Studies in Thermal Engineering</i> , 2022 , 102140	5.6	1
4 ⁰¹	Existence of results and computational analysis of a fractional order two strain epidemic model. <i>Results in Physics</i> , 2022 , 105649	3.7	3
4 ⁰⁰	On fractional impulsive system for methanol detoxification in human body. <i>Chaos, Solitons and Fractals</i> , 2022 , 160, 112235	9.3	1
399	Existence, uniqueness and HUR stability of fractional integral equations by random matrix control functions in MMB-space. <i>Journal of Taibah University for Science</i> , 2021 , 15, 574-578	3	
398	On Unconditionally Stable New Modified Fractional Group Iterative Scheme for the Solution of 2D Time-Fractional Telegraph Model. <i>Symmetry</i> , 2021 , 13, 2078	2.7	1
397	Existence and Kummer Stability for a System of Nonlinear η -Hilfer Fractional Differential Equations with Application. <i>Fractal and Fractional</i> , 2021 , 5, 200	3	0
396	Numerical simulation and thermal enhancement of multi-based nanofluid over an embrittled cone. <i>Case Studies in Thermal Engineering</i> , 2021 , 28, 101614	5.6	12

395	Generalized proportional fractional integral Hermite-Hadamard inequalities. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
394	LR-Preinvex Interval-Valued Functions and Riemann-Liouville Fractional Integral Inequalities. <i>Fractal and Fractional</i> , 2021 , 5, 243	3	17
393	Real-World Applications of a Newly Designed Root-Finding Algorithm and Its Polynomiography. <i>IEEE Access</i> , 2021 , 9, 160868-160877	3.5	0
392	Numerical analysis of fractional human liver model in fuzzy environment. <i>Journal of Taibah University for Science</i> , 2021 , 15, 840-851	3	5
391	Future implications of COVID-19 through Mathematical modeling.. <i>Results in Physics</i> , 2021 , 33, 105097	3.7	2
390	Some fuzzy-interval integral inequalities for harmonically convex fuzzy-interval-valued functions. <i>AIMS Mathematics</i> , 2021 , 7, 349-370	2.2	8
389	Existence theorems for Ψ -fractional hybrid systems with periodic boundary conditions. <i>AIMS Mathematics</i> , 2021 , 7, 171-186	2.2	4
388	Novel Numerical Investigations of Fuzzy Cauchy Reaction-Diffusion Models via Generalized Fuzzy Fractional Derivative Operators. <i>Fractal and Fractional</i> , 2021 , 5, 151	3	9
387	On Fuzzy Extended Hexagonal b-Metric Spaces with Applications to Nonlinear Fractional Differential Equations. <i>Symmetry</i> , 2021 , 13, 2032	2.7	2
386	Exploration of Temperature-Dependent Thermal Conductivity and Diffusion Coefficient for Thermal and Mass Transportation in Sutterby Nanofluid Model over a Stretching Cylinder. <i>Complexity</i> , 2021 , 2021, 1-14	1.6	5
385	Fekete-Szegő inequality for Analytic and Biunivalent Functions Subordinate to Gegenbauer Polynomials. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-7	0.8	9
384	Stability analysis of fractional nabla difference COVID-19 model. <i>Results in Physics</i> , 2021 , 22, 103888	3.7	31
383	EXISTENCE RESULTS FOR ABC-FRACTIONAL DIFFERENTIAL EQUATIONS WITH NON-SEPARATED AND INTEGRAL TYPE OF BOUNDARY CONDITIONS. <i>Fractals</i> , 2021 , 29, 2140016	3.2	1
382	Development of TOPSIS Technique under Pythagorean Fuzzy Hypersoft Environment Based on Correlation Coefficient and Its Application towards the Selection of Antivirus Mask in COVID-19 Pandemic. <i>Complexity</i> , 2021 , 2021, 1-27	1.6	17
381	New Results in Controlled Metric Type Spaces. <i>Journal of Mathematics</i> , 2021 , 2021, 1-6	1.2	3
380	Difference monotonicity analysis on discrete fractional operators with discrete generalized Mittag-Leffler kernels. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	9
379	On Complex-Valued Triple Controlled Metric Spaces and Applications. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-7	0.8	1
378	Study of fuzzy fractional order diffusion problem under the Mittag-Leffler Kernel Law. <i>Physica Scripta</i> , 2021 , 96, 074002	2.6	7

377	The Schrödinger-KdV equation of fractional order with Mittag-Leffler nonsingular kernel. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2715-2724	6.1	34
376	Some Novel Sixth-Order Iteration Schemes for Computing Zeros of Nonlinear Scalar Equations and Their Applications in Engineering. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-11	0.8	3
375	On new generalized unified bounds via generalized exponentially harmonically s-convex functions on fractal sets. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	5
374	Certain new proportional and Hadamard proportional fractional integral inequalities. <i>Journal of Inequalities and Applications</i> , 2021 , 2021,	2.1	2
373	Analytic and numerical solutions of discrete Bagley-Torvik equation. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
372	Iterative analysis of non-linear Swift-Hohenberg equations under nonsingular fractional order derivative. <i>Results in Physics</i> , 2021 , 23, 104080	3.7	1
371	Selection of an Effective Hand Sanitizer to Reduce COVID-19 Effects and Extension of TOPSIS Technique Based on Correlation Coefficient under Neutrosophic Hypersoft Set. <i>Complexity</i> , 2021 , 2021, 1-22	1.6	7
370	Computational analysis of fuzzy fractional order non-dimensional Fisher equation. <i>Physica Scripta</i> , 2021 , 96, 084004	2.6	9
369	Hilfer fractional differential inclusions with Erdélyi-Kober fractional integral boundary condition. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	3
368	Modeling the transmission dynamics of middle eastern respiratory syndrome coronavirus with the impact of media coverage. <i>Results in Physics</i> , 2021 , 24, 104053	3.7	3
367	On the Analysis of the Non-Newtonian Fluid Flow Past a Stretching/Shrinking Permeable Surface with Heat and Mass Transfer. <i>Coatings</i> , 2021 , 11, 566	2.9	3
366	Hermite-Hadamard integral inequalities on coordinated convex functions in quantum calculus. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	9
365	Fractional Weighted Ostrowski-Type Inequalities and Their Applications. <i>Symmetry</i> , 2021 , 13, 968	2.7	4
364	Ulam-Hyers-Mittag-Leffler stability for tripled system of weighted fractional operator with TIME delay. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	3
363	On the necessity of proper quarantine without lock down for 2019-nCoV in the absence of vaccine. <i>Results in Physics</i> , 2021 , 25, 104063	3.7	16
362	An optimal control analysis of a COVID-19 model. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2875-2884	3.4	10
361	Neutrosophic Hypersoft Matrices with Application to Solve Multiattributive Decision-Making Problems. <i>Complexity</i> , 2021 , 2021, 1-17	1.6	9
360	On Riemann-Liouville and Caputo Fractional Forward Difference Monotonicity Analysis. <i>Mathematics</i> , 2021 , 9, 1303	2.3	15

359	Some New Harmonically Convex Function Type Generalized Fractional Integral Inequalities. <i>Fractal and Fractional</i> , 2021 , 5, 54	3	3
358	A numerical and analytical study of SE(Is)(Ih)AR epidemic fractional order COVID-19 model. <i>Advances in Difference Equations</i> , 2021 , 2021, 293	3.6	4
357	Analysis of fractal-fractional model of tumor-immune interaction. <i>Results in Physics</i> , 2021 , 25, 104178	3.7	8
356	Quasilinearization numerical technique for dual slip MHD Newtonian fluid flow with entropy generation in thermally dissipating flow above a thin needle. <i>Scientific Reports</i> , 2021 , 11, 15130	4.9	0
355	Some engineering applications of newly constructed algorithms for one-dimensional non-linear equations and their fractal behavior. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101457	3.6	4
354	Estimation of unsteady hydromagnetic Williamson fluid flow in a radiative surface through numerical and artificial neural network modeling. <i>Scientific Reports</i> , 2021 , 11, 14509	4.9	20
353	On a new class of Atangana-Baleanu fractional Volterra-Fredholm integro-differential inclusions with non-instantaneous impulses. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111075	9.3	3
352	Stability analysis and simulation of the novel Coronavirus mathematical model via the Caputo fractional-order derivative: A case study of Algeria. <i>Results in Physics</i> , 2021 , 26, 104324	3.7	5
351	FRACTIONAL ORDER VOLTERRA INTEGRO-DIFFERENTIAL EQUATION WITH MITTAG-LEFFLER KERNEL. <i>Fractals</i> , 2021 , 29, 2150154	3.2	7
350	Fractional h-differences with exponential kernels and their monotonicity properties. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 8432-8446	2.3	7
349	Existence of mild solutions to Hilfer fractional evolution equations in Banach space. <i>Annals of Functional Analysis</i> , 2021 , 12, 1	0.8	16
348	Existence of unique solution to nonlinear mixed Volterra Fredholm-Hammerstein integral equations in complex-valued fuzzy metric spaces. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 4065-4074 ¹	1.6	1
347	A hybrid method for solving fuzzy Volterra integral equations of separable type kernels. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101246	3.6	12
346	A Caputo power law model predicting the spread of the COVID-19 outbreak in Pakistan. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 447-456	6.1	18
345	An efficient tool for solving two-dimensional fuzzy fractional-ordered heat equation. <i>Numerical Methods for Partial Differential Equations</i> , 2021 , 37, 1407-1418	2.5	15
344	On inequalities of Hermite-Hadamard-Mercer type involving Riemann-Liouville fractional integrals. <i>AIMS Mathematics</i> , 2021 , 6, 712-725	2.2	6
343	Solving the system of nonlinear integral equations via rational contractions. <i>AIMS Mathematics</i> , 2021 , 6, 3562-3582	2.2	0
342	Refined estimates and generalization of some recent results with applications. <i>AIMS Mathematics</i> , 2021 , 6, 10728-10741	2.2	2

341	Numerical Methods With Engineering Applications and Their Visual Analysis via Polynomiography. <i>IEEE Access</i> , 2021 , 9, 99287-99298	3.5	5
340	A Sturm-Liouville approach for continuous and discrete Mittag-Leffler kernel fractional operators. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , 14, 2417	2.8	1
339	On nonlinear pantograph fractional differential equations with Atangana-Baleanu-Caputo derivative. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	12
338	Threshold condition and non pharmaceutical interventions control strategies for elimination of COVID-19. <i>Results in Physics</i> , 2021 , 20, 103698	3.7	15
337	Effect of Weather on the Spread of COVID-19 Using Eigenspace Decomposition. <i>Computers, Materials and Continua</i> , 2021 , 69, 3047-3063	3.9	3
336	A fixed point approach to the solution of singular fractional differential equations with integral boundary conditions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
335	Oscillation criteria for kernel function dependent fractional dynamic equations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , 14, 3337	2.8	0
334	Estimates of trapezium-type inequalities for h - s -convex functions with applications to quadrature formulae. <i>AIMS Mathematics</i> , 2021 , 6, 7625-7648	2.2	1
333	Multi-valued versions of Nadler, Banach, Branciari and Reich fixed point theorems in double controlled metric type spaces with applications. <i>AIMS Mathematics</i> , 2021 , 6, 477-499	2.2	6
332	Stability analysis of initial value problem of pantograph-type implicit fractional differential equations with impulsive conditions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	7
331	Some New Iterative Algorithms for Solving One-Dimensional Non-Linear Equations and Their Graphical Representation. <i>IEEE Access</i> , 2021 , 9, 8615-8624	3.5	12
330	Generalized integral inequalities for ABK-fractional integral operators. <i>AIMS Mathematics</i> , 2021 , 6, 10164-10196	2.2	1
329	An Application of Neutrosophic Hypersoft Mapping to Diagnose Hepatitis and Propose Appropriate Treatment. <i>IEEE Access</i> , 2021 , 9, 70455-70471	3.5	11
328	On a class of Langevin equations in the frame of Caputo function-dependent-kernel fractional derivatives with antiperiodic boundary conditions. <i>AIMS Mathematics</i> , 2021 , 6, 5518-5534	2.2	6
327	Computational Methods for Non-Linear Equations with Some Real-World Applications and Their Graphical Analysis. <i>Intelligent Automation and Soft Computing</i> , 2021 , 30, 805-819	2.6	5
326	A Fractal-Fractional Model for the MHD Flow of Casson Fluid in a Channel. <i>Computers, Materials and Continua</i> , 2021 , 67, 1385-1398	3.9	7
325	Multivalued weakly Picard operators via simulation functions with application to functional equations. <i>AIMS Mathematics</i> , 2021 , 6, 2078-2093	2.2	2
324	Lyapunov type inequality in the frame of generalized Caputo derivatives. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , 14, 2335	2.8	2

323	A Different Approach to Fixed Point Theorems on Triple Controlled Metric Type Spaces with a Numerical Experiment. <i>Dynamic Systems and Applications</i> , 2021 , 30,	1.4	3
322	Nonlinear singular p -Laplacian boundary value problems in the frame of conformable derivative. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , 14, 3497	2.8	1
321	Qualitative analysis of fractional relaxation equation and coupled system with Caputo fractional derivative in Banach spaces. <i>AIMS Mathematics</i> , 2021 , 6, 2486-2509	2.2	7
320	Fractional calculus of generalized Lommel-Wright function and its extended Beta transform. <i>AIMS Mathematics</i> , 2021 , 6, 8276-8293	2.2	
319	(m, n) -Harmonically polynomial convex functions and some Hadamard type inequalities on the co-ordinates. <i>AIMS Mathematics</i> , 2021 , 6, 4677-4690	2.2	7
318	On q -analogue of meromorphic multivalent functions in lemniscate of Bernoulli domain. <i>AIMS Mathematics</i> , 2021 , 6, 3037-3052	2.2	14
317	A fractional order HIV/AIDS epidemic model with Mittag-Leffler kernel. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	4
316	New discrete inequalities of Hermite-Hadamard type for convex functions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	17
315	Differential equations of even-order with p -Laplacian like operators: qualitative properties of the solutions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	11
314	Properties and Applications of a New Extended Gamma Function Involving Confluent Hypergeometric Function. <i>Journal of Mathematics</i> , 2021 , 2021, 1-12	1.2	2
313	A new extension to the controlled metric type spaces endowed with a graph. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	14
312	On nonlinear coupled evolution system with nonlocal subsidiary conditions under fractal-fractional order derivative. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 6581-6600	2.3	6
311	A Numerical Method for Fractional Pantograph Delay Integro-Differential Equations on Haar Wavelet. <i>International Journal of Applied and Computational Mathematics</i> , 2021 , 7, 1	1.3	1
310	Some Convergence Results for a Class of Generalized Nonexpansive Mappings in Banach Spaces. <i>Advances in Mathematical Physics</i> , 2021 , 2021, 1-6	1.1	1
309	Study of a nonlinear multi-terms boundary value problem of fractional pantograph differential equations. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
308	New integral inequalities for differentiable convex functions via Atangana-Baleanu fractional integral operators. <i>Chaos, Solitons and Fractals</i> , 2021 , 143, 110554	9.3	14
307	MILD SOLUTIONS OF COUPLED HYBRID FRACTIONAL ORDER SYSTEM WITH CAPUTO-HADAMARD DERIVATIVES. <i>Fractals</i> , 2021 , 29, 2150158	3.2	10
306	Modeling, analysis and numerical solution to malaria fractional model with temporary immunity and relapse. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	6

305	On Caputo-Hadamard type coupled systems of nonconvex fractional differential inclusions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	1
304	Stability analysis for a class of implicit fractional differential equations involving Atangana-Baleanu fractional derivative. <i>Advances in Difference Equations</i> , 2021 , 2021, 395	3.6	2
303	Stability analysis of solutions and existence theory of fractional Langevin equation. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3641-3647	6.1	9
302	Study of Hilfer fractional evolution equations by the properties of controllability and stability. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3741-3749	6.1	11
301	Fixed Point Results via Least Upper Bound Property and Its Applications to Fuzzy Caputo Fractional Volterra-Fredholm Integro-Differential Equations. <i>Mathematics</i> , 2021 , 9, 1969	2.3	0
300	Numerical computations and theoretical investigations of a dynamical system with fractional order derivative. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 61, 1982-1982	6.1	1
299	A qualitative study on generalized Caputo fractional integro-differential equations. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	3
298	Modeling and analysis of fractional order Ebola virus model with Mittag-Leffler kernel. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 61, 2062-2062	6.1	8
297	On New Generalizations of Hermite-Hadamard Type Inequalities via Atangana-Baleanu Fractional Integral Operators. <i>Axioms</i> , 2021 , 10, 223	1.6	1
296	Symmetric Spaces Approach to Various Cyclic Contractions and Application to Probabilistic Spaces. <i>Symmetry</i> , 2021 , 13, 1704	2.7	
295	A Magnetite-Water-Based Nanofluid Three-Dimensional Thin Film Flow on an Inclined Rotating Surface with Non-Linear Thermal Radiations and Couple Stress Effects. <i>Energies</i> , 2021 , 14, 5531	3.1	4
294	On Discrete Delta Caputo-Fabrizio Fractional Operators and Monotonicity Analysis. <i>Fractal and Fractional</i> , 2021 , 5, 116	3	11
293	On Weighted (k, s) -Riemann-Liouville Fractional Operators and Solution of Fractional Kinetic Equation. <i>Fractal and Fractional</i> , 2021 , 5, 118	3	4
292	Discrete Prabhakar fractional difference and sum operators. <i>Chaos, Solitons and Fractals</i> , 2021 , 150, 111182	3.9	1
291	Coupled Fixed Point Results in Banach Spaces with Applications. <i>Mathematics</i> , 2021 , 9, 2283	2.3	2
290	On solution of generalized proportional fractional integral via a new fixed point theorem. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	1
289	Analytic Fuzzy Formulation of a Time-Fractional Fornberg-Whitham Model with Power and Mittag-Leffler Kernels. <i>Fractal and Fractional</i> , 2021 , 5, 113	3	8
288	A fractional-order model of COVID-19 considering the fear effect of the media and social networks on the community. <i>Chaos, Solitons and Fractals</i> , 2021 , 152, 111403	9.3	9

287	Semi-analytical solutions of the 3 order fuzzy dispersive partial differential equations under fractional operators. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 5861-5878	6.1	11
286	Novel Iteration Schemes for Computing Zeros of Non-Linear Equations With Engineering Applications and Their Dynamics. <i>IEEE Access</i> , 2021 , 9, 92246-92262	3.5	8
285	Ulam-Hyers stability results for a novel nonlinear Nabla Caputo fractional variable-order difference system. <i>Turkish Journal of Mathematics</i> , 2021 , 45, 456-470	0.8	6
284	Modeling the pandemic trend of 2019 Coronavirus with optimal control analysis. <i>Results in Physics</i> , 2021 , 20, 103660	3.7	4
283	. <i>IEEE Access</i> , 2021 , 9, 60026-60042	3.5	15
282	MHD Maxwell Fluid with Heat Transfer Analysis under Ramp Velocity and Ramp Temperature Subject to Non-Integer Differentiable Operators. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2021 , 126, 821-841	1.7	6
281	A modified iteration for total asymptotically nonexpansive mappings in Hadamard spaces. <i>AIMS Mathematics</i> , 2021 , 6, 4758-4770	2.2	4
280	On fractional boundary value problems involving fractional derivatives with Mittag-Leffler kernel and nonlinear integral conditions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	12
279	Applying quantum calculus for the existence of solution of q -integro-differential equations with three criteria. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , 14, 3351	2.8	2
278	On modified convex interval valued functions and related inclusions via the interval valued generalized fractional integrals in extended interval space. <i>AIMS Mathematics</i> , 2021 , 6, 4638-4663	2.2	2
277	A basic study of a fractional integral operator with extended Mittag-Leffler kernel. <i>AIMS Mathematics</i> , 2021 , 6, 12757-12770	2.2	1
276	Mathematical analysis of nonlinear integral boundary value problem of proportional delay implicit fractional differential equations with impulsive conditions. <i>Boundary Value Problems</i> , 2021 , 2021,	2.1	3
275	Hybrid nanofluid flow within the conical gap between the cone and the surface of a rotating disk. <i>Scientific Reports</i> , 2021 , 11, 1180	4.9	47
274	A new approach for the qualitative study of vector born disease using Caputo-Babrizio derivative. <i>Numerical Methods for Partial Differential Equations</i> , 2021 , 37, 1809-1818	2.5	1
273	Discrete generalized fractional operators defined using h-discrete Mittag-Leffler kernels and applications to AB fractional difference systems. <i>Mathematical Methods in the Applied Sciences</i> , 2020 ,	2.3	11
272	Numerical modeling of NPZ and SIR models with and without diffusion. <i>Results in Physics</i> , 2020 , 19, 103537	3.7	14
271	Analysis of the outbreak of the novel coronavirus COVID-19 dynamic model with control mechanisms. <i>Results in Physics</i> , 2020 , 19, 103586	3.7	4
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240	New numerical scheme for solving integral equations via fixed point method using distinct \mathbb{F} -contractions. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 2015-2026	6.1	18
239	Iterative Approximation of Endpoints for Multivalued Mappings in Banach Spaces. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-5	0.8	8
238	Tempered Fractional Integral Inequalities for Convex Functions. <i>Mathematics</i> , 2020 , 8, 500	2.3	7
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225	Existence of mild solutions for impulsive neutral Hilfer fractional evolution equations. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	12
224	Separation and stability of solutions to nonlinear systems involving Caputo-Fabrizio derivatives. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	1
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222	Further extension of Voigt function and its properties. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	1
221	Stability analysis by fixed point theorems for a class of non-linear Caputo nabla fractional difference equation. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	3
220	Existence theory and numerical analysis of three species prey-predator model under Mittag-Leffler power law. <i>Advances in Difference Equations</i> , 2020 , 2020, 249	3.6	16
219	Near-coincidence point results in metric interval space and hyperspace via simulation functions. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	2
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216	A study of boundary value problem for generalized fractional differential inclusion via endpoint theory for weak contractions. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	4

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214	Nonlinear regularized long-wave models with a new integral transformation applied to the fractional derivative with power and Mittag-Leffler kernel. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	43
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211	Linear conformable differential system and its controllability. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	6
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206	Hermite-Jensen-Mercer type inequalities for conformable integrals and related results. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	11
205	Some subordination involving polynomials induced by lower triangular matrices. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	1
204	Existence and uniqueness results for Caputo implicit fractional pantograph differential equation with generalized anti-periodic boundary condition. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	5
203	Amended oscillation criteria for second-order neutral differential equations with damping term. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	2
202	Study of fractional order pantograph type impulsive antiperiodic boundary value problem. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	4
201	On existence-Uniqueness results for proportional fractional differential equations and incomplete gamma functions. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	6
200	Existence and approximate controllability of Hilfer fractional evolution equations with almost sectorial operators. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	8
199	Modification of certain fractional integral inequalities for convex functions. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	34
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195	Existence and uniqueness of solutions for coupled system of fractional differential equations involving proportional delay by means of topological degree theory. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	1
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156	Numerical Algorithms for Finding Zeros of Nonlinear Equations and Their Dynamical Aspects. <i>Journal of Mathematics</i> , 2020 , 2020, 1-11	1.2	8
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154	Study of impulsive problems under Mittag-Leffler power law. <i>Heliyon</i> , 2020 , 6, e05109	3.6	22
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134	Study of a Fractional-Order Epidemic Model of Childhood Diseases. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-8	0.8	13
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