

# Thabet Abdeljawad

## List of Publications by Citations

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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	On conformable fractional calculus. <i>Journal of Computational and Applied Mathematics</i> , <b>2015</b> , 279, 57-66	2.4	847
429	On Riemann and Caputo fractional differences. <i>Computers and Mathematics With Applications</i> , <b>2011</b> , 62, 1602-1611	2.7	320
428	On a new class of fractional operators. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	196
427	On a class of ordinary differential equations in the frame of Atangana-Baleanu fractional derivative. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 117, 16-20	9.3	186
426	Integration by parts and its applications of a new nonlocal fractional derivative with Mittag-Leffler nonsingular kernel. <i>Journal of Nonlinear Science and Applications</i> , <b>2017</b> , 10, 1098-1107	1.9	174
425	Caputo-type modification of the Hadamard fractional derivatives. <i>Advances in Difference Equations</i> , <b>2012</b> , 2012, 142	3.6	145
424	On Fractional Derivatives with Exponential Kernel and their Discrete Versions. <i>Reports on Mathematical Physics</i> , <b>2017</b> , 80, 11-27	0.8	144
423	Generalized fractional derivatives generated by a class of local proportional derivatives. <i>European Physical Journal: Special Topics</i> , <b>2017</b> , 226, 3457-3471	2.3	124
422	On the generalized fractional derivatives and their Caputo modification. <i>Journal of Nonlinear Science and Applications</i> , <b>2017</b> , 10, 2607-2619	1.9	121
421	Existence and uniqueness of a common fixed point on partial metric spaces. <i>Applied Mathematics Letters</i> , <b>2011</b> , 24, 1900-1904	3.5	114
420	Discrete fractional differences with nonsingular discrete Mittag-Leffler kernels. <i>Advances in Difference Equations</i> , <b>2016</b> , 2016,	3.6	109
419	On Caputo modification of the Hadamard fractional derivatives. <i>Advances in Difference Equations</i> , <b>2014</b> , 2014, 10	3.6	97
418	Generalized fractional derivatives and Laplace transform. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2020</b> , 13, 709-722	2.8	93
417	Solutions of the Nonlinear Integral Equation and Fractional Differential Equation Using the Technique of a Fixed Point with a Numerical Experiment in Extended b-Metric Space. <i>Symmetry</i> , <b>2019</b> , 11, 686	2.7	91
416	Existence and Hyers-Ulam stability for a nonlinear singular fractional differential equations with Mittag-Leffler kernel. <i>Chaos, Solitons and Fractals</i> , <b>2019</b> , 127, 422-427	9.3	89
415	Controlled Metric Type Spaces and the Related Contraction Principle. <i>Mathematics</i> , <b>2018</b> , 6, 194	2.3	84
414	Caputo q-fractional initial value problems and a q-analogue Mittag-Leffler function. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 4682-4688	3.7	83

4 <sup>13</sup>	Semi-analytical study of Pine Wilt Disease model with convex rate under Caputo-Fabrizio fractional order derivative. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 135, 109754	9.3	79
4 <sup>12</sup>	A Lyapunov type inequality for fractional operators with nonsingular Mittag-Leffler kernel. <i>Journal of Inequalities and Applications</i> , <b>2017</b> , 2017, 130	2.1	78
4 <sup>11</sup>	Fractional logistic models in the frame of fractional operators generated by conformable derivatives. <i>Chaos, Solitons and Fractals</i> , <b>2019</b> , 119, 94-101	9.3	77
4 <sup>10</sup>	Mittag-Leffler Stability Theorem for Fractional Nonlinear Systems with Delay. <i>Abstract and Applied Analysis</i> , <b>2010</b> , 2010, 1-7	0.7	73
4 <sup>09</sup>	Double Controlled Metric Type Spaces and Some Fixed Point Results. <i>Mathematics</i> , <b>2018</b> , 6, 320	2.3	73
4 <sup>08</sup>	Monotonicity results for fractional difference operators with discrete exponential kernels. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	69
4 <sup>07</sup>	Fractional operators with exponential kernels and a Lyapunov type inequality. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	69
4 <sup>06</sup>	Stability of q-fractional non-autonomous systems. <i>Nonlinear Analysis: Real World Applications</i> , <b>2013</b> , 14, 780-784	2.1	69
4 <sup>05</sup>	Discrete Mittag-Leffler kernel type fractional difference initial value problems and Gronwall inequality. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 339, 218-230	2.4	61
4 <sup>04</sup>	On a nonlinear fractional order model of dengue fever disease under Caputo-Fabrizio derivative. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2305-2313	6.1	60
4 <sup>03</sup>	Dynamical study of fractional order mutualism parasitism food web module. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 134, 109685	9.3	57
4 <sup>02</sup>	Different type kernel fractional differences and their fractional norms. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 116, 146-156	9.3	57
4 <sup>01</sup>	Qualitative Analysis of a Mathematical Model in the Time of COVID-19. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5098598	3	56
4 <sup>00</sup>	On Delta and Nabla Caputo Fractional Differences and Dual Identities. <i>Discrete Dynamics in Nature and Society</i> , <b>2013</b> , 2013, 1-12	1.1	55
399	Fixed points for generalized weakly contractive mappings in partial metric spaces. <i>Mathematical and Computer Modelling</i> , <b>2011</b> , 54, 2923-2927		55
398	A complex valued approach to the solutions of Riemann-Liouville integral, Atangana-Baleanu integral operator and non-linear Telegraph equation via fixed point method. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 130, 109439	9.3	54
397	Fractional operators with generalized Mittag-Leffler kernels and their iterated differintegrals. <i>Chaos</i> , <b>2019</b> , 29, 023102	3.3	53
396	Fractional difference operators with discrete generalized Mittag-Leffler kernels. <i>Chaos, Solitons and Fractals</i> , <b>2019</b> , 126, 315-324	9.3	53

395	On the Definitions of Nabla Fractional Operators. <i>Abstract and Applied Analysis</i> , <b>2012</b> , 2012, 1-13	0.7	53
394	On the existence and the uniqueness theorem for fractional differential equations with bounded delay within Caputo derivatives. <i>Science in China Series A: Mathematics</i> , <b>2008</b> , 51, 1775-1786		52
393	A singular ABC-fractional differential equation with p-Laplacian operator. <i>Chaos, Solitons and Fractals</i> , <b>2019</b> , 129, 56-61	9.3	51
392	Dual identities in fractional difference calculus within Riemann. <i>Advances in Difference Equations</i> , <b>2013</b> , 2013,	3.6	51
391	Monotonicity analysis of a nabla discrete fractional operator with discrete Mittag-Leffler kernel. <i>Chaos, Solitons and Fractals</i> , <b>2017</b> , 102, 106-110	9.3	51
390	A generalized Lyapunov-type inequality in the frame of conformable derivatives. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	50
389	Novel fixed point approach to Atangana-Baleanu fractional and Lp-Fredholm integral equations. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 1959-1970	6.1	49
388	Discrete tempered fractional calculus for new chaotic systems with short memory and image encryption. <i>Optik</i> , <b>2020</b> , 218, 163698	2.5	48
387	Hybrid nanofluid flow within the conical gap between the cone and the surface of a rotating disk. <i>Scientific Reports</i> , <b>2021</b> , 11, 1180	4.9	47
386	Analysis of the fractional diffusion equations with fractional derivative of non-singular kernel. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	46
385	A generalized contraction principle with control functions on partial metric spaces. <i>Computers and Mathematics With Applications</i> , <b>2012</b> , 63, 716-719	2.7	45
384	On fractional derivatives with generalized Mittag-Leffler kernels. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,	3.6	44
383	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> , <b>2020</b> , 2020,	3.6	43
382	Applying new fixed point theorems on fractional and ordinary differential equations. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	42
381	Fractional variational principles with delay. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 315403	2	42
380	Study of transmission dynamics of COVID-19 mathematical model under ABC fractional order derivative. <i>Results in Physics</i> , <b>2020</b> , 19, 103507	3.7	41
379	Fundamental Results of Conformable Sturm-Liouville Eigenvalue Problems. <i>Complexity</i> , <b>2017</b> , 2017, 1-7	1.6	41
378	Existence and uniqueness theorem for a class of delay differential equations with left and right Caputo fractional derivatives. <i>Journal of Mathematical Physics</i> , <b>2008</b> , 49, 083507	1.2	41

377	Stability and numerical simulation of a fractional order plant-nectar-pollinator model. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 49-59	6.1	41
376	Fractional variational optimal control problems with delayed arguments. <i>Nonlinear Dynamics</i> , <b>2010</b> , 62, 609-614	5	40
375	Fractional economic models based on market equilibrium in the frame of different type kernels. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 130, 109438	9.3	40
374	On generalized fractional integral inequalities for the monotone weighted Chebyshev functionals. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	38
373	On generalized fractional operators and a Gronwall type inequality with applications. <i>Filomat</i> , <b>2017</b> , 31, 5457-5473	0.7	38
372	Analysis of Twitter Data Using Evolutionary Clustering during the COVID-19 Pandemic. <i>Computers, Materials and Continua</i> , <b>2020</b> , 65, 193-204	3.9	38
371	Some Estimates for Generalized Riemann-Liouville Fractional Integrals of Exponentially Convex Functions and Their Applications. <i>Mathematics</i> , <b>2019</b> , 7, 807	2.3	37
370	Fractional variational principles with delay within Caputo derivatives. <i>Reports on Mathematical Physics</i> , <b>2010</b> , 65, 17-28	0.8	35
369	A Gronwall inequality via the generalized proportional fractional derivative with applications. <i>Journal of Inequalities and Applications</i> , <b>2019</b> , 2019,	2.1	34
368	Razumikhin Stability Theorem for Fractional Systems with Delay. <i>Abstract and Applied Analysis</i> , <b>2010</b> , 2010, 1-9	0.7	34
367	Modification of certain fractional integral inequalities for convex functions. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	34
366	The Schrödinger-KdV equation of fractional order with Mittag-Leffler nonsingular kernel. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 60, 2715-2724	6.1	34
365	Arbitrary Order Fractional Difference Operators with Discrete Exponential Kernels and Applications. <i>Discrete Dynamics in Nature and Society</i> , <b>2017</b> , 2017, 1-8	1.1	33
364	On more general forms of proportional fractional operators. <i>Open Mathematics</i> , <b>2020</b> , 18, 167-176	0.8	33
363	Fractional proportional differences with memory. <i>European Physical Journal: Special Topics</i> , <b>2017</b> , 226, 3333-3354	2.3	32
362	Certain inequalities via generalized proportional Hadamard fractional integral operators. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	32
361	Existence of positive solution and Hyers-Ulam stability for a nonlinear singular-delay-fractional differential equation. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	31
360	The Minkowski inequalities via generalized proportional fractional integral operators. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	31

359	Analysis of some generalized ABC $\mathbb{I}$ Fractional logistic models. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2141-2148	6.1	31
358	A semigroup-like Property for Discrete Mittag-Leffler Functions. <i>Advances in Difference Equations</i> , <b>2012</b> , 2012,	3.6	31
357	Stability analysis of fractional nabla difference COVID-19 model. <i>Results in Physics</i> , <b>2021</b> , 22, 103888	3.7	31
356	Existence and stability analysis to a coupled system of implicit type impulsive boundary value problems of fractional-order differential equations. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	29
355	ON THE WEIGHTED FRACTIONAL OPERATORS OF A FUNCTION WITH RESPECT TO ANOTHER FUNCTION. <i>Fractals</i> , <b>2020</b> , 28, 2040011	3.2	29
354	On Riemann-Liouville fractional $q$ -difference equations and their application to retarded logistic type model. <i>Mathematical Methods in the Applied Sciences</i> , <b>2018</b> , 41, 8953-8962	2.3	29
353	A generalized $q$ -fractional Gronwall inequality and its applications to nonlinear delay $q$ -fractional difference systems. <i>Journal of Inequalities and Applications</i> , <b>2016</b> , 2016,	2.1	29
352	Existence and uniqueness of solutions to fractional differential equations in the frame of generalized Caputo fractional derivatives. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,	3.6	28
351	Existence results in Banach space for a nonlinear impulsive system. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	28
350	Fractional Sums and Differences with Binomial Coefficients. <i>Discrete Dynamics in Nature and Society</i> , <b>2013</b> , 2013, 1-6	1.1	28
349	Monotonicity analysis for nabla $h$ -discrete fractional Atangana-Baleanu differences. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 117, 50-59	9.3	28
348	Meir-Keeler $\phi$ -contractive fixed and common fixed point theorems. <i>Fixed Point Theory and Applications</i> , <b>2013</b> , 2013,	1.4	27
347	On the Stability of Some Discrete Fractional Nonautonomous Systems. <i>Abstract and Applied Analysis</i> , <b>2012</b> , 2012, 1-9	0.7	27
346	KKM mappings in cone metric spaces and some fixed point theorems. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2010</b> , 72, 348-353	1.3	27
345	On existence of a globally attractive periodic solution of impulsive delay logarithmic population model. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 198, 463-469	2.7	27
344	Integral inequalities for a fractional operator of a function with respect to another function with nonsingular kernel. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	27
343	New results on Caputo fractional-order neutral differential inclusions without compactness. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	27
342	Quasicone Metric Spaces and Generalizations of Caristi Kirk's Theorem. <i>Fixed Point Theory and Applications</i> , <b>2009</b> , 2009, 574387	1.4	26

341	Solutions of boundary value problems on extended-Branciari b-distance. <i>Journal of Inequalities and Applications</i> , <b>2020</b> , 2020,	2.1	26
340	Ulam stability for delay fractional differential equations with a generalized Caputo derivative. <i>Filomat</i> , <b>2018</b> , 32, 5265-5274	0.7	26
339	ANALYSIS OF FRACTAL-FRACTIONAL MALARIA TRANSMISSION MODEL. <i>Fractals</i> , <b>2020</b> , 28, 2040041	3.2	25
338	Efficient sustainable algorithm for numerical solutions of systems of fractional order differential equations by Haar wavelet collocation method. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2391-2400	6.1	25
337	Estimating the Heat Capacity of Non-Newtonian Ionanofluid Systems Using ANN, ANFIS, and SGB Tree Algorithms. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6432	2.6	25
336	Non-local fractional calculus from different viewpoint generated by truncated M-derivative. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 366, 112410	2.4	25
335	Monotonicity results for h-discrete fractional operators and application. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,	3.6	25
334	Higher order fractional variational optimal control problems with delayed arguments. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 9234-9240	2.7	24
333	The $\alpha$ -Fractional Analogue for Gronwall-Type Inequality. <i>Journal of Function Spaces and Applications</i> , <b>2013</b> , 2013, 1-7		24
332	Existence of positive solutions for weighted fractional order differential equations. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 141, 110341	9.3	24
331	Lyapunov-type inequalities for mixed non-linear forced differential equations within conformable derivatives. <i>Journal of Inequalities and Applications</i> , <b>2018</b> , 2018, 143	2.1	24
330	Some new local fractional inequalities associated with generalized $(s,m)$ -convex functions and applications. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	23
329	Minkowski's inequality for the AB-fractional integral operator. <i>Journal of Inequalities and Applications</i> , <b>2019</b> , 2019,	2.1	22
328	Study of impulsive problems under Mittag-Leffler power law. <i>Heliyon</i> , <b>2020</b> , 6, e05109	3.6	22
327	Study of transmission dynamics of novel COVID-19 by using mathematical model. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020, 323	3.6	22
326	Fractional Hermite-Hadamard Integral Inequalities for a New Class of Convex Functions. <i>Symmetry</i> , <b>2020</b> , 12, 1485	2.7	22
325	More properties of the proportional fractional integrals and derivatives of a function with respect to another function. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	21
324	Bounds of Generalized Proportional Fractional Integrals in General Form via Convex Functions and Their Applications. <i>Mathematics</i> , <b>2020</b> , 8, 113	2.3	20



323	New Oscillation Criteria for Forced Nonlinear Fractional Difference Equations. <i>Vietnam Journal of Mathematics</i> , <b>2017</b> , 45, 609-618	0.5	20
322	Monotonicity results for delta and nabla caputo and Riemann fractional differences via dual identities. <i>Filomat</i> , <b>2017</b> , 31, 3671-3683	0.7	20
321	Heat Transfer in MHD Flow of Maxwell Fluid via Fractional Cattaneo-Friedrich Model: A Finite Difference Approach. <i>Computers, Materials and Continua</i> , <b>2020</b> , 65, 1959-1973	3.9	20
320	Estimation of unsteady hydromagnetic Williamson fluid flow in a radiative surface through numerical and artificial neural network modeling. <i>Scientific Reports</i> , <b>2021</b> , 11, 14509	4.9	20
319	Lyapunov-type inequalities for fractional difference operators with discrete Mittag-Leffler kernel of order 2 European Physical Journal: Special Topics, <b>2017</b> , 226, 3355-3368	2.3	19
318	A Generalized $q$ -Mittag-Leffler Function by $q$ -Caputo Fractional Linear Equations. <i>Abstract and Applied Analysis</i> , <b>2012</b> , 2012, 1-11	0.7	19
317	On new fractional integral inequalities for $p$ -convexity within interval-valued functions. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	19
316	EXISTENCE RESULTS AND STABILITY CRITERIA FOR ABC-FUZZY-VOLTERRA INTEGRO-DIFFERENTIAL EQUATION. <i>Fractals</i> , <b>2020</b> , 28, 2040048	3.2	18
315	Improved Approach for Studying Oscillatory Properties of Fourth-Order Advanced Differential Equations with $p$ -Laplacian Like Operator. <i>Mathematics</i> , <b>2020</b> , 8, 656	2.3	18
314	Highly dispersive optical solitons with cubic law and cubic-quintic-septic law nonlinearities. <i>Results in Physics</i> , <b>2020</b> , 17, 103021	3.7	18
313	New numerical scheme for solving integral equations via fixed point method using distinct $(\mathbb{F})$ -contractions. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2015-2026	6.1	18
312	A Caputo power law model predicting the spread of the COVID-19 outbreak in Pakistan. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 60, 447-456	6.1	18
311	On a more general fractional integration by parts formulae and applications. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 536, 122494	3.3	17
310	LR-Preinvex Interval-Valued Functions and Riemann-Liouville Fractional Integral Inequalities. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 243	3	17
309	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> , <b>2021</b> , 2021, 1-27	1.6	17
308	New discrete inequalities of Hermite-Badamard type for convex functions. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	17
307	Almost periodic dynamics of a discrete Nicholson blowflies model involving a linear harvesting term. <i>Advances in Difference Equations</i> , <b>2012</b> , 2012,	3.6	16
306	Existence theory and numerical analysis of three species prey-predator model under Mittag-Leffler power law. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020, 249	3.6	16



305	A generalized discrete fractional Gronwall inequality and its application on the uniqueness of solutions for nonlinear delay fractional difference system. <i>Applicable Analysis and Discrete Mathematics</i> , <b>2018</b> , 12, 36-48	1	16
304	Fractional Hermite-Hadamard-Bejjer Inequalities for a Convex Function with Respect to an Increasing Function Involving a Positive Weighted Symmetric Function. <i>Symmetry</i> , <b>2020</b> , 12, 1503	2.7	16
303	The Shape Effect of Gold Nanoparticles on Squeezing Nanofluid Flow and Heat Transfer between Parallel Plates. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-12	1.1	16
302	On the necessity of proper quarantine without lock down for 2019-nCoV in the absence of vaccine. <i>Results in Physics</i> , <b>2021</b> , 25, 104063	3.7	16
301	Existence of mild solutions to Hilfer fractional evolution equations in Banach space. <i>Annals of Functional Analysis</i> , <b>2021</b> , 12, 1	0.8	16
300	Rectangular Metric-Like Type Spaces and Related Fixed Points. <i>Journal of Mathematics</i> , <b>2018</b> , 2018, 1-7	1.2	16
299	On Dynamic Systems in the Frame of Singular Function Dependent Kernel Fractional Derivatives. <i>Mathematics</i> , <b>2019</b> , 7, 946	2.3	15
298	Some new Simpson-type inequalities for generalized p-convex function on fractal sets with applications. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	15
297	Mittag-Leffler stability analysis of fractional discrete-time neural networks via fixed point technique. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2019</b> , 24,	1.3	15
296	Mathematical modeling for the outbreak of the coronavirus (COVID-19) under fractional nonlocal operator. <i>Results in Physics</i> , <b>2020</b> , 19, 103610	3.7	15
295	Simpson's Integral Inequalities for Twice Differentiable Convex Functions. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-15	1.1	15
294	On Riemann-Liouville and Caputo Fractional Forward Difference Monotonicity Analysis. <i>Mathematics</i> , <b>2021</b> , 9, 1303	2.3	15
293	An efficient tool for solving two-dimensional fuzzy fractional-ordered heat equation. <i>Numerical Methods for Partial Differential Equations</i> , <b>2021</b> , 37, 1407-1418	2.5	15
292	Threshold condition and non pharmaceutical interventions's control strategies for elimination of COVID-19. <i>Results in Physics</i> , <b>2021</b> , 20, 103698	3.7	15
291	. <i>IEEE Access</i> , <b>2021</b> , 9, 60026-60042	3.5	15
290	Fixed Point Theorems for Multi-Valued Contractions in $\mathcal{B}$ -Metric Spaces With Applications to Fractional Differential and Integral Equations. <i>IEEE Access</i> , <b>2019</b> , 7, 127373-127383	3.5	14
289	Numerical modeling of NPZ and SIR models with and without diffusion. <i>Results in Physics</i> , <b>2020</b> , 19, 103537	3.7	14
288	Certain Fractional Proportional Integral Inequalities via Convex Functions. <i>Mathematics</i> , <b>2020</b> , 8, 222	2.3	14

287	Common fixed points of generalized Meir-Keeler $\mathbb{H}$ -contractions. <i>Fixed Point Theory and Applications</i> , <b>2013</b> , 2013,	1.4	14
286	Some fractional proportional integral inequalities. <i>Journal of Inequalities and Applications</i> , <b>2019</b> , 2019,	2.1	14
285	Existence and Uniqueness of Uncertain Fractional Backward Difference Equations of Riemann-Liouville Type. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	14
284	New Modified Conformable Fractional Integral Inequalities of Hermite-Hadamard Type with Applications. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-14	0.8	14
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136	Study of fractional order dynamics of nonlinear mathematical model. <i>AEJ - Alexandria Engineering Journal</i> , <b>2022</b> , 61, 11211-11224	6.1	4
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133	Order Norm Completions of Cone Metric Spaces. <i>Numerical Functional Analysis and Optimization</i> , <b>2011</b> , 32, 477-495	1	3
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121	Hilfer fractional differential inclusions with Erdelyi-Kober fractional integral boundary condition. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	3
120	Modeling the transmission dynamics of middle eastern respiratory syndrome coronavirus with the impact of media coverage. <i>Results in Physics</i> , <b>2021</b> , 24, 104053	3.7	3
119	On the Analysis of the Non-Newtonian Fluid Flow Past a Stretching/Shrinking Permeable Surface with Heat and Mass Transfer. <i>Coatings</i> , <b>2021</b> , 11, 566	2.9	3
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117	Some New Harmonically Convex Function Type Generalized Fractional Integral Inequalities. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 54	3	3
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112	A qualitative study on generalized Caputo fractional integro-differential equations. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	3
111	Mathematical analysis of nonlinear integral boundary value problem of proportional delay implicit fractional differential equations with impulsive conditions. <i>Boundary Value Problems</i> , <b>2021</b> , 2021,	2.1	3
110	On degree theory for non-monotone type fractional order delay differential equations. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 9479-9492	2.2	3
109	Existence of results and computational analysis of a fractional order two strain epidemic model. <i>Results in Physics</i> , <b>2022</b> , 105649	3.7	3
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105	Study of implicit delay fractional differential equations under anti-periodic boundary conditions. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	2
104	Near-coincidence point results in metric interval space and hyperspace via simulation functions. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	2
103	Amended oscillation criteria for second-order neutral differential equations with damping term. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	2
102	Generalized proportional fractional integral HermiteBladamard inequalities. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	2
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94	On Janowski Analytic p,q-Starlike Functions in Symmetric Circular Domain. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-6	0.8	2
93	Approximation of Fixed Points and Best Proximity Points of Relatively Nonexpansive Mappings. <i>Journal of Mathematics</i> , <b>2020</b> , 2020, 1-11	1.2	2
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83	Analytic and numerical solutions of discrete Bagley-Torvik equation. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	2
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68	Erratum to Mittag-Leffler Stability Theorem for Fractional Nonlinear Systems with Delay $\square$ <i>Abstract and Applied Analysis</i> , <b>2011</b> , 2011, 1-1	0.7	1
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63	Calculation of focal values for first-order non-autonomous equation with algebraic and trigonometric coefficients. <i>Open Physics</i> , <b>2020</b> , 18, 738-750	1.3	1
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58	Mathematical study of SIR epidemic model under convex incidence rate. <i>AIMS Mathematics</i> , <b>2020</b> , 5, 7547-7560	2.2	1
57	Controlled b-Branciari metric type spaces and related fixed point theorems with applications. <i>Filomat</i> , <b>2020</b> , 34, 4253-4269	0.7	1
56	Approximating Fixed Points of Operators Satisfying (RCSC) Condition in Banach Spaces. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-7	0.8	1
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54	n-Dimensional Fractional Frequency Laplace Transform by the Inverse Difference Operator. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-11	1.1	1



53	A Transformation Method for Delta Partial Difference Equations on Discrete Time Scale. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-14	1.1	1
52	New Contractive Mappings and Their Fixed Points in Branciari Metric Spaces. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-11	0.8	1
51	Lyapunov-type Inequalities for Local Fractional Proportional Derivatives <b>2020</b> , 133-150		1
50	Hybrid Fixed Point Theorem with Applications to Forced Damped Oscillations and Infinite Systems of Fractional Order Differential Equations. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-9	0.8	1
49	EXISTENCE RESULTS FOR ABC-FRACTIONAL DIFFERENTIAL EQUATIONS WITH NON-SEPARATED AND INTEGRAL TYPE OF BOUNDARY CONDITIONS. <i>Fractals</i> , <b>2021</b> , 29, 2140016	3.2	1
48	On Complex-Valued Triple Controlled Metric Spaces and Applications. <i>Journal of Function Spaces</i> , <b>2021</b> , 2021, 1-7	0.8	1
47	Iterative analysis of non-linear Swift-Hohenberg equations under nonsingular fractional order derivative. <i>Results in Physics</i> , <b>2021</b> , 23, 104080	3.7	1
46	Variable Order Mittag-Leffler Fractional Operators on Isolated Time Scales and Application to the Calculus of Variations. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 35-47	0.8	1
45	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> , <b>2021</b> , 40, 4065-4074	1.6	1
44	A Sturm-Liouville approach for continuous and discrete Mittag-Leffler kernel fractional operators. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2021</b> , 14, 2417	2.8	1
43	Estimates of trapezium-type inequalities for $h$ - $s$ -convex functions with applications to quadrature formulae. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 7625-7648	2.2	1
42	Nonlinear singular $p$ -Laplacian boundary value problems in the frame of conformable derivative. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2021</b> , 14, 3497	2.8	1
41	A Numerical Method for Fractional Pantograph Delay Integro-Differential Equations on Haar Wavelet. <i>International Journal of Applied and Computational Mathematics</i> , <b>2021</b> , 7, 1	1.3	1
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39	On Caputo-Hadamard type coupled systems of nonconvex fractional differential inclusions. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	1
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37	On New Generalizations of Hermite-Hadamard Type Inequalities via Atangana-Baleanu Fractional Integral Operators. <i>Axioms</i> , <b>2021</b> , 10, 223	1.6	1
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34	A basic study of a fractional integral operator with extended Mittag-Leffler kernel. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 12757-12770	2.2	1
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30	Fixed point theory in complex valued controlled metric spaces with an application. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 11879-11904	2.2	1
29	Heat and mass transfer analysis above an unsteady infinite porous surface with chemical reaction. <i>Case Studies in Thermal Engineering</i> , <b>2022</b> , 102140	5.6	1
28	On fractional impulsive system for methanol detoxification in human body. <i>Chaos, Solitons and Fractals</i> , <b>2022</b> , 160, 112235	9.3	1
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22	Existence and Kummer Stability for a System of Nonlinear $\eta$ -Hilfer Fractional Differential Equations with Application. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 200	3	0
21	Some new Caputo fractional derivative inequalities for exponentially $\xi$ ( $\theta, h-m$ ) $\xi$ onvex functions. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 3006-3026	2.2	0
20	Real-World Applications of a Newly Designed Root-Finding Algorithm and Its Polynomiography. <i>IEEE Access</i> , <b>2021</b> , 9, 160868-160877	3.5	0
19	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> , <b>2021</b> , 11, 15130	4.9	0
18	Solving the system of nonlinear integral equations via rational contractions. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 3562-3582	2.2	0

17	Oscillation criteria for kernel function dependent fractional dynamic equations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2021</b> , 14, 3337	2.8	○
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15	The exact solutions of conformable time-fractional modified nonlinear Schrödinger equation by Direct algebraic method and Sine-Gordon expansion method. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 10807-10827	2.2	○
14	Novel fixed point technique to coupled system of nonlinear implicit fractional differential equations in complex valued fuzzy rectangular $b$ - $\mathcal{F}$ -metric spaces. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 10867-10891	2.3	○
13	Generalized exponential function and initial value problem for conformable dynamic equations. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 12050-12076	2.2	○
12	Hybrid Coupled Fixed Point Theorems in Metric Spaces with Applications. <i>Journal of Function Spaces</i> , <b>2019</b> , 2019, 1-15	0.8	
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9	Numerical Approximations based on Sextic B-spline Functions for Solving Forth-Order Singular Problems. <i>International Journal of Computer Mathematics</i> , 1-21	1.2	
8	Common fixed point results for couples $(f, g)$ and $(S, T)$ satisfy strong common limit range property. <i>AIMS Mathematics</i> , <b>2020</b> , 5, 3480-3494	2.2	
7	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> , <b>2021</b> , 15, 574-578	3	
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4	Fractional calculus of generalized Lommel-Wright function and its extended Beta transform. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 8276-8293	2.2	
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