Mohammad Esmael Samei

List of Publications by Year
in descending order

56	1,091	430754	434063
papers	citations	18	31
		h-index	g-index

59	59	59	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On multi-step methods for singular fractional <i>q</i>-integro-differential equations. Open Mathematics, 2021, 19, 1378-1405.	0.5	172
2	SEIR epidemic model for COVID-19 transmission by Caputo derivative of fractional order. Advances in Difference Equations, 2020, 2020, 490.	3.5	75
3	Existence results for a fraction hybrid differential inclusion with Caputoâ€"Hadamard type fractional derivative. Advances in Difference Equations, 2019, 2019, .	3.5	63
4	On the existence of solutions for a multi-singular pointwise defined fractional q-integro-differential equation. Boundary Value Problems, 2020, 2020, .	0.3	56
5	Asymptotic Stability of Nonlinear Discrete Fractional Pantograph Equations with Non-Local Initial Conditions. Symmetry, 2021, 13, 473.	1.1	53
6	On a system of fractional q-differential inclusions via sum of two multi-term functions on a time scale. Boundary Value Problems, 2020, 2020, .	0.3	39
7	A Generalized ML-Hyers-Ulam Stability of Quadratic Fractional Integral Equation. Nonlinear Engineering, 2021, 10, 414-427.	1.4	37
8	On a fractional Caputoâ€"Hadamard inclusion problem with sum boundary value conditions by using approximate endpoint property. Mathematical Methods in the Applied Sciences, 2020, 43, 9719-9734.	1.2	33
9	Monotone Iterative Method for Ïˆ-Caputo Fractional Differential Equation with Nonlinear Boundary Conditions. Fractal and Fractional, 2021, 5, 81.	1.6	30
10	Existence and uniqueness of solutions for multi-term fractional q-integro-differential equations via quantum calculus. Advances in Difference Equations, 2019, 2019, .	3.5	30
11	New approach to solutions of a class of singular fractional q-differential problem via quantum calculus. Advances in Difference Equations, 2020, 2020, .	3.5	29
12	Î±-Ïˆ-contractions and solutions of a q-fractional differential inclusion with three-point boundary value conditions via computational results. Advances in Difference Equations, 2020, 2020, .	3.5	29
13	Positive solutions of fractional differential equation with two pieces in chain interval and simultaneous Dirichlet boundary conditions. Boundary Value Problems, 2019, 2019, .	0.3	24
14	Existence of Solutions for a Singular Fractional q-Differential Equations under Riemannâ€"Liouville Integral Boundary Condition. Symmetry, 2021, 13, 1235.	1.1	20
15	Existence of solutions for kâ€dimensional system of multiâ€term fractional qâ€integroâ€differential equations under antiâ€periodic boundary conditions via quantum calculus. Mathematical Methods in the Applied Sciences, 2020, 43, 4360.	1.2	19
16	Existence of solutions for a system of singular sum fractional q-differential equations via quantum calculus. Advances in Difference Equations, 2020, 2020, .	3.5	19
17	Uniform persistence and almost periodic solutions of a nonautonomous patch occupancy model. Advances in Difference Equations, 2020, 2020, .	3.5	19
18	Langevin differential equation in frame of ordinary and Hadamard fractional derivatives under three point boundary conditions. AIMS Mathematics, 2021, 6, 2796-2843.	0.7	18

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19	Existence of solutions for equations and inclusions of multiterm fractional q-integro-differential with nonseparated and initial boundary conditions. Journal of Inequalities and Applications, 2019, 2019, .	0.5	18
20	Solutions of two fractional q-integro-differential equations under sum and integral boundary value conditions on a time scale. Advances in Difference Equations, 2020, 2020, .	3.5	17
21	Existence, uniqueness and stability analysis of a coupled fractional-order differential systems involving Hadamard derivatives and associated with multi-point boundary conditions. Advances in Difference Equations, 2021, 2021, .	3.5	16
22	APPROXIMATE ENDPOINT SOLUTIONS FOR A CLASS OF FRACTIONAL q-DIFFERENTIAL INCLUSIONS BY COMPUTATIONAL RESULTS. Fractals, 2020, 28, 2040029.	1.8	16
23	On fractional hybrid and non-hybrid multi-term integro-differential inclusions with three-point integral hybrid boundary conditions. Advances in Difference Equations, 2020, 2020, .	3.5	14
24	Existence of Solutions for a Class of Caputo Fractional q-Difference Inclusion on Multifunctions by Computational Results. Kragujevac Journal of Mathematics, 2021, 45, 543-570.	0.3	13
25	To investigate a class of multi-singular pointwise defined fractional $ q $â€"integro-differential equation with applications. AIMS Mathematics, 2022, 7, 7781-7816.	0.7	13
26	Asymmetric variation of a finite mass harmonic like oscillator. Results in Physics, 2020, 19, 103335.	2.0	12
27	On q-variant of Daiâ€"Yuan conjugate gradient algorithm for unconstrained optimization problems. Nonlinear Dynamics, 2021, 104, 2471-2496.	2.7	12
28	Monotone Iterative and Upperâ€"Lower Solution Techniques for Solving the Nonlinear Ïˆâˆ’Caputo Fractional Boundary Value Problem. Fractal and Fractional, 2021, 5, 194.	1.6	12
29	Explicit iteration and unbounded solutions for fractional qâ€"difference equations with boundary conditions on an infinite interval. Journal of Inequalities and Applications, 2022, 2022, .	0.5	12
30	Solutions of sumâ€"type singular fractional q integroâ€"differential equation with m â€"point boundary value problem using quantum calculus. Mathematical Methods in the Applied Sciences, 2020, 43, 8980-9004.	1.2	11
31	A q-Polakâ€"RibiÃ¨reâ€"Polyak conjugate gradient algorithm for unconstrained optimization problems. Journal of Inequalities and Applications, 2021, 2021, .	0.5	11
32	A q-Gradient Descent Algorithm with Quasi-FejÃ©r Convergence for Unconstrained Optimization Problems. Fractal and Fractional, 2021, 5, 110.	1.6	9
33	The existence of nonnegative solutions for a nonlinear fractional q-differential problem via a different numerical approach. Journal of Inequalities and Applications, 2021, 2021, 75.	0.5	8
34	Applying quantum calculus for the existence of solution of $ q $-integro-differential equations with three criteria. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 3351.	0.6	8
35	Using Krasnoselskii's theorem to investigate the Cauchy and neutral fractional<i>q</i>-integro-differential equation<i>via</i>numerical technique. Nonlinear Engineering, 2022, 11, 186-206.	1.4	8
36	A limited memory q-BFGS algorithm for unconstrained optimization problems. Journal of Applied Mathematics and Computing, 2021, 66, 183-202.	1.2	7

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37	On periodic solutions of a discrete Nicholson's dual system with density-dependent mortality and harvesting terms. Advances in Difference Equations, 2021, 2021, 360.	3.5	7
38	On a fractional q-differential inclusion on a time scale via endpoints and numerical calculations. Advances in Difference Equations, 2020, 2020, .	3.5	7
39	On the generalized fractional snap boundary problems via G-Caputo operators: existence and stability analysis. Advances in Difference Equations, 2021, 2021, .	3.5	7
40	Investigation of the Generalized Proportional Langevin and Sturm–Liouville Fractional Differential Equations via Variable Coefficients and Antiperiodic Boundary Conditions with a Control Theory Application Arising from Complex Networks. Mathematical Problems in Engineering, 2022, 2022, 1-21.	0.6	7
41	Existence and Mittag-Leffler-Ulam-Stability Results for Duffing Type Problem Involving Sequential Fractional Derivatives. International Journal of Applied and Computational Mathematics, 2022, 8, .	0.9	7
42	On q-BFGS algorithm for unconstrained optimization problems. Advances in Difference Equations, 2020, 2020, .	3.5	6
43	Some analytical and numerical results for a fractional q-differential inclusion problem with double integral boundary conditions. Advances in Difference Equations, 2021, 2021, .	3.5	6
44	Time accurate solution to Benjamin–Bona–Mahony–Burgers equation via Taylor–Boubaker series scheme. Boundary Value Problems, 2022, 2022, .	0.3	6
45	Some inequalities on multi-functions for applying in the fractional Caputo–Hadamard jerk inclusion system. Journal of Inequalities and Applications, 2022, 2022, .	0.5	6
46	Using the Hilfer–Katugampola fractional derivative in initial-value Mathieu fractional differential equations with application to a particle in the plane. , 2022, 2022, .		6
47	Calculation of electron scattering cross sections for Anthracene, Pyridine and Warfarin molecules over energy range 10–30000 eV. Applied Radiation and Isotopes, 2019, 150, 79-86.	0.7	5
48	Employing Kuratowski measure of non-compactness for positive solutions of system of singular fractional q-differential equations with numerical effects. Filomat, 2020, 34, 2971-2989.	0.2	5
49	Fixed Point Theory and the Liouville–Caputo Integro-Differential FBVP with Multiple Nonlinear Terms. Journal of Function Spaces, 2022, 2022, 1-18.	0.4	5
50	Well-posed conditions on a class of fractional q-differential equations by using the Schauder fixed point theorem. Advances in Difference Equations, 2021, 2021, .	3.5	4
51	New results on the existence of periodic solutions for Rayleigh equations with state-dependent delay. Nonautonomous Dynamical Systems, 2022, 9, 103-115.	0.3	3
52	An increasing variables singular system of fractional q-differential equations via numerical calculations. Advances in Difference Equations, 2020, 2020, .	3.5	1
53	Reply to comment on "Asymmetric variation of a finite mass harmonic like oscillator". Results in Physics, 2022, 32, 105148.	2.0	1
54	Fixed point theorems of contraction mappings in complete b-metric space of zero at infinity varieties. Afrika Matematika, 2021, 32, 229-239.	0.4	0

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#	Article	IF	Citations
55	Extraction new results of common fixed point theorems for $({T}, {alpha }_{{s}}, {F})$-contraction of six mappings in a tripled b-metric space with an application of integral equations. Journal of Inequalities and Applications, 2020, 2020, .	0.5	0
56	Using Ï•cone arcwise connectedness on parametric set-valued optimization problems. Journal of Inequalities and Applications, 2022, 2022, .	0.5	0