

# Mohammad Esmael Samei

## List of Publications by Year in descending order

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56  
papers

1,091  
citations

430754

18  
h-index

434063

31  
g-index

59  
all docs

59  
docs citations

59  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply to comment on "Asymmetric variation of a finite mass harmonic like oscillator". Results in Physics, 2022, 32, 105148.	2.0	1
2	To investigate a class of multi-singular pointwise defined fractional $q$ -integro-differential equation with applications. AIMS Mathematics, 2022, 7, 7781-7816.	0.7	13
3	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
4	Explicit iteration and unbounded solutions for fractional $q$ -difference equations with boundary conditions on an infinite interval. Journal of Inequalities and Applications, 2022, 2022, .	0.5	12
5	Time accurate solution to Benjamin-Bona-Mahony-Burgers equation via Taylor-Boubaker series scheme. Boundary Value Problems, 2022, 2022, .	0.3	6
6	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
7	Using $\tilde{\cdot}$ -arcwise connectedness on parametric set-valued optimization problems. Journal of Inequalities and Applications, 2022, 2022, .	0.5	0
8	Using Krasnoselskii's theorem to investigate the Cauchy and neutral fractional $q$ -integro-differential equation via numerical technique. Nonlinear Engineering, 2022, 11, 186-206.	1.4	8
9	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
10	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
11	Using the Hilfer-Katugampola fractional derivative in initial-value Mathieu fractional differential equations with application to a particle in the plane. , 2022, 2022, .		6
12	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
13	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
14	A limited memory $q$ -BFCS algorithm for unconstrained optimization problems. Journal of Applied Mathematics and Computing, 2021, 66, 183-202.	1.2	7
15	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
16	A $q$ -Polak-Ribier-Polyak conjugate gradient algorithm for unconstrained optimization problems. Journal of Inequalities and Applications, 2021, 2021, .	0.5	11
17	Asymptotic Stability of Nonlinear Discrete Fractional Pantograph Equations with Non-Local Initial Conditions. Symmetry, 2021, 13, 473.	1.1	53
18	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

#	ARTICLE	IF	CITATIONS
19	On q-variant of Daiâ€Yuan conjugate gradient algorithm for unconstrained optimization problems. <i>Nonlinear Dynamics</i> , 2021, 104, 2471-2496.	2.7	12
20	Existence, uniqueness and stability analysis of a coupled fractional-order differential systems involving Hadamard derivatives and associated with multi-point boundary conditions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	16
21	Existence of Solutions for a Singular Fractional q-Differential Equations under Riemannâ€Liouville Integral Boundary Condition. <i>Symmetry</i> , 2021, 13, 1235.	1.1	20
22	On periodic solutions of a discrete Nicholsonâ€™s dual system with density-dependent mortality and harvesting terms. <i>Advances in Difference Equations</i> , 2021, 2021, 360.	3.5	7
23	Monotone Iterative Method for $\tilde{\gamma}$ -Caputo Fractional Differential Equation with Nonlinear Boundary Conditions. <i>Fractal and Fractional</i> , 2021, 5, 81.	1.6	30
24	Existence of Solutions for a Class of Caputo Fractional q-Difference Inclusion on Multifunctions by Computational Results. <i>Kragujevac Journal of Mathematics</i> , 2021, 45, 543-570.	0.3	13
25	A q-Gradient Descent Algorithm with Quasi-Fejãr Convergence for Unconstrained Optimization Problems. <i>Fractal and Fractional</i> , 2021, 5, 110.	1.6	9
26	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.	0.6	8
27	Some analytical and numerical results for a fractional q-differential inclusion problem with double integral boundary conditions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	6
28	Well-posed conditions on a class of fractional q-differential equations by using the Schauder fixed point theorem. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	4
29	Monotone Iterative and Upperâ€Lower Solution Techniques for Solving the Nonlinear $\tilde{\gamma}$ -Caputo Fractional Boundary Value Problem. <i>Fractal and Fractional</i> , 2021, 5, 194.	1.6	12
30	A Generalized ML-Hyers-Ulam Stability of Quadratic Fractional Integral Equation. <i>Nonlinear Engineering</i> , 2021, 10, 414-427.	1.4	37
31	On the generalized fractional snap boundary problems via G-Caputo operators: existence and stability analysis. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	7
32	On multi-step methods for singular fractional $q$ -integro-differential equations. <i>Open Mathematics</i> , 2021, 19, 1378-1405.	0.5	172
33	Asymmetric variation of a finite mass harmonic like oscillator. <i>Results in Physics</i> , 2020, 19, 103335.	2.0	12
34	On a system of fractional q-differential inclusions via sum of two multi-term functions on a time scale. <i>Boundary Value Problems</i> , 2020, 2020, .	0.3	39
35	On a fractional Caputoâ€Hadamard inclusion problem with sum boundary value conditions by using approximate endpoint property. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9719-9734.	1.2	33
36	New approach to solutions of a class of singular fractional q-differential problem via quantum calculus. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	29

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37	Solutions of sum-type singular fractional $q$ integro-differential equation with $m$ -point boundary value problem using quantum calculus. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 8980-9004.	1.2	11
38	On the existence of solutions for a multi-singular pointwise defined fractional $q$ -integro-differential equation. <i>Boundary Value Problems</i> , 2020, 2020, .	0.3	56
39	Existence of solutions for $k$ -dimensional system of multi-term fractional $q$ -integro-differential equations under anti-periodic boundary conditions via quantum calculus. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 4360.	1.2	19
40	APPROXIMATE ENDPOINT SOLUTIONS FOR A CLASS OF FRACTIONAL $q$ -DIFFERENTIAL INCLUSIONS BY COMPUTATIONAL RESULTS. <i>Fractals</i> , 2020, 28, 2040029.	1.8	16
41	Existence of solutions for a system of singular sum fractional $q$ -differential equations via quantum calculus. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	19
42	Uniform persistence and almost periodic solutions of a nonautonomous patch occupancy model. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	19
43	On fractional hybrid and non-hybrid multi-term integro-differential inclusions with three-point integral hybrid boundary conditions. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	14
44	$\hat{\mathcal{I}}_q$ -contractions and solutions of a $q$ -fractional differential inclusion with three-point boundary value conditions via computational results. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	29
45	Solutions of two fractional $q$ -integro-differential equations under sum and integral boundary value conditions on a time scale. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	17
46	On a fractional $q$ -differential inclusion on a time scale via endpoints and numerical calculations. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	7
47	SEIR epidemic model for COVID-19 transmission by Caputo derivative of fractional order. <i>Advances in Difference Equations</i> , 2020, 2020, 490.	3.5	75
48	On $q$ -BFGS algorithm for unconstrained optimization problems. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	6
49	An increasing variables singular system of fractional $q$ -differential equations via numerical calculations. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	1
50	Employing Kuratowski measure of non-compactness for positive solutions of system of singular fractional $q$ -differential equations with numerical effects. <i>Filomat</i> , 2020, 34, 2971-2989.	0.2	5
51	Extraction new results of common fixed point theorems for $(\mathcal{T}, \{\alpha\}_{\{s\}}, \mathcal{F})$ -contraction of six mappings in a tripled $b$ -metric space with an application of integral equations. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	0
52	Existence results for a fraction hybrid differential inclusion with Caputo-Hadamard type fractional derivative. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	63
53	Calculation of electron scattering cross sections for Anthracene, Pyridine and Warfarin molecules over energy range $10^3$ - $30000$ eV. <i>Applied Radiation and Isotopes</i> , 2019, 150, 79-86.	0.7	5
54	Existence of solutions for equations and inclusions of multiterm fractional $q$ -integro-differential with nonseparated and initial boundary conditions. <i>Journal of Inequalities and Applications</i> , 2019, .	0.5	18

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55	Positive solutions of fractional differential equation with two pieces in chain interval and simultaneous Dirichlet boundary conditions. <i>Boundary Value Problems</i> , 2019, 2019, .	0.3	24
56	Existence and uniqueness of solutions for multi-term fractional q-integro-differential equations via quantum calculus. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	30