

Juan J Nieto

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.

438
papers

12,690
citations

59
h-index

96
g-index

467
ext. papers

14,376
ext. citations

2.1
avg, IF

7.32
L-index

#	Paper	IF	Citations
438	Existence of solutions of Dirichlet problems for one dimensional fractional equations. <i>AIMS Mathematics</i> , 2022 , 7, 6034-6049	2.2	1
437	On a Unique Solution of a T-Maze Model Arising in the Psychology and Theory of Learning. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-10	0.8	0
436	On the novel existence results of solutions for a class of fractional boundary value problems on the cyclohexane graph. <i>Journal of Inequalities and Applications</i> , 2022 , 2022,	2.1	1
435	Correction: New insights on novel coronavirus 2019-nCoV/SARS-CoV-2 modelling in the aspect of fractional derivatives and fixed points.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 1588-1590	2.1	
434	Solution of a fractional logistic ordinary differential equation. <i>Applied Mathematics Letters</i> , 2022 , 123, 107568	3.5	8
433	Exponential stability and stabilization of fractional stochastic degenerate evolution equations in a Hilbert space: Subordination principle. <i>Evolution Equations and Control Theory</i> , 2022 ,	2	1
432	Globally Exponential Stability of Piecewise Pseudo Almost Periodic Solutions for Neutral Differential Equations with Impulses and Delays. <i>Qualitative Theory of Dynamical Systems</i> , 2022 , 21, 1	0.8	0
431	Monotone Iterative Technique for a New Class of Nonlinear Sequential Fractional Differential Equations with Nonlinear Boundary Conditions under the Caputo Operator. <i>Mathematics</i> , 2022 , 10, 1173	2.3	0
430	On a new and generalized fractional model for a real cholera outbreak. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 9175-9186	6.1	14
429	Ulam stability for nonlinear implicit differential equations with Hilfer-Katugampola fractional derivative and impulses. <i>AIMS Mathematics</i> , 2022 , 7, 12859-12884	2.2	1
428	Fractional Calculus Approach to Logistic Equation and its Application. <i>Forum for Interdisciplinary Mathematics</i> , 2022 , 261-274	0.2	
427	Quantum State Recovery Via Environment-assisted Measurement and Weak Measurement. <i>International Journal of Theoretical Physics</i> , 2022 , 61, 1	1.1	
426	Impact of optimal vaccination and social distancing on COVID-19 pandemic.. <i>Mathematics and Computers in Simulation</i> , 2022 , 200, 285-314	3.3	3
425	Examining the correlation between the weather conditions and COVID-19 pandemic in Galicia 2022 , 73-80		
424	Fractional-Order Logistic Differential Equation with Mittag-Leffler-Type Kernel. <i>Fractal and Fractional</i> , 2021 , 5, 273	3	3
423	COVID-19 Vaccine Boosters: The Good, the Bad, and the Ugly. <i>Vaccines</i> , 2021 , 9,	5.3	16
422	Controlled singular evolution equations and Pontryagin type maximum principle with applications. <i>Evolution Equations and Control Theory</i> , 2021 ,	2	

4 ²¹	Protected quantum teleportation through noisy channel by weak measurement and environment-assisted measurement. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	0
4 ²⁰	New insights on novel coronavirus 2019-nCoV/SARS-CoV-2 modelling in the aspect of fractional derivatives and fixed points. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 8683-8726	2.1	1
4 ¹⁹	A Fractional Bihari Inequality and Some Applications to Fractional Differential Equations and Stochastic Equations. <i>Mediterranean Journal of Mathematics</i> , 2021 , 18, 1	0.9	0
4 ¹⁸	Free and Forced Convective Flow in Pleural Fluid with Effect of Injection between Different Permeable Regions. <i>Coatings</i> , 2021 , 11, 1313	2.9	3
4 ¹⁷	Fractional model of COVID-19 applied to Galicia, Spain and Portugal. <i>Chaos, Solitons and Fractals</i> , 2021 , 144, 110652	9.3	36
4 ¹⁶	Adherence to subcutaneous biological therapies in patients with inflammatory rheumatic diseases and inflammatory bowel disease: a systematic review. <i>Immunotherapy</i> , 2021 , 13, 433-458	3.8	1
4 ¹⁵	Forecasting the Effects of the New SARS-CoV-2 Variant in Europe. <i>Scientific World Journal, The</i> , 2021 , 2021, 5553240	2.2	3
4 ¹⁴	One Year of the COVID-19 Pandemic in Galicia: A Global View of Age-Group Statistics during Three Waves. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
4 ¹³	Stochastic version of Henry type Gronwall inequality. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2021 , 24, 2150013	0.6	1
4 ¹²	Existence and uniqueness results for a nonlinear coupled system involving Caputo fractional derivatives with a new kind of coupled boundary conditions. <i>Applied Mathematics Letters</i> , 2021 , 116, 107018	3.5	13
4 ¹¹	A Novel Technique to Control the Accuracy of a Nonlinear Fractional Order Model of COVID-19: Application of the CESTAC Method and the CADNA Library. <i>Mathematics</i> , 2021 , 9, 1321	2.3	18
4 ¹⁰	Finite-time stability and stabilization for time-varying systems. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111076	9.3	4
4 ⁰⁹	Dynamics of a Predator-Prey Population in the Presence of Resource Subsidy under the Influence of Nonlinear Prey Refuge and Fear Effect. <i>Complexity</i> , 2021 , 2021, 1-38	1.6	4
4 ⁰⁸	On stability of stochastic differential equations with random impulses driven by Poisson jumps. <i>Stochastics</i> , 2021 , 93, 682-696	0.6	6
4 ⁰⁷	Determination in Galicia of the required beds at Intensive Care Units. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 559-564	6.1	8
4 ⁰⁶	Interdisciplinary Approaches to COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1318, 923-936	3.6	6
4 ⁰⁵	Caputo-Fabrizio fractional differential equations with instantaneous impulses. <i>AIMS Mathematics</i> , 2021 , 6, 2932-2946	2.2	5
4 ⁰⁴	Dynamics and stability for Katugampola random fractional differential equations. <i>AIMS Mathematics</i> , 2021 , 6, 8654-8666	2.2	2

403	Optimal Control of Vaccination and Plasma Transfusion with Potential Usefulness for Covid-19. <i>Infosys Science Foundation Series</i> , 2021 , 509-525	0.1	0
402	Power-series solution of compartmental epidemiological models. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 3274-3290	2.1	7
401	Nonlocal Initial Value Problem for Hybrid Generalized Hilfer-type Fractional Implicit Differential Equations. <i>Nonautonomous Dynamical Systems</i> , 2021 , 8, 87-100	0.7	1
400	Study of fractional order impulsive evolution problem under nonlocal Cauchy conditions. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 8516-8527	2.3	2
399	Optimal control of the COVID-19 pandemic: controlled sanitary deconfinement in Portugal. <i>Scientific Reports</i> , 2021 , 11, 3451	4.9	26
398	Solvability of second-order uniformly elliptic inequalities involving demicontinuous (ψ)-dissipative operators and applications to generalized population models. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	1
397	New existence and stability results for fractional Langevin equation with three-point boundary conditions. <i>Computational and Applied Mathematics</i> , 2021 , 40, 1	2.4	4
396	Power series solution of the fractional logistic equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 573, 125947	3.3	8
395	Fréchet-Kolmogorov compactness of Prabhakar integral operator. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021 , 115, 1	1.6	0
394	Application of non-parametric models for analyzing survival data of COVID-19 patients. <i>Journal of Infection and Public Health</i> , 2021 , 14, 1328-1333	7.4	6
393	Quantum state and entanglement protection in finite temperature environment by quantum feed-forward control. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	0
392	An application of Lyapunov-Bazumikhin method to behaviors of Volterra integro-differential equations. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021 , 115, 1	1.6	3
391	Chebyshev spectral method for solving fuzzy fractional Fredholm-Volterra integro-differential equation. <i>Mathematics and Computers in Simulation</i> , 2021 ,	3.3	2
390	Similarity solutions of fractional parabolic boundary value problems with uncertainty. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 102, 105926	3.7	0
389	A Fuzzy Method for Solving Fuzzy Fractional Differential Equations Based on the Generalized Fuzzy Taylor Expansion. <i>Mathematics</i> , 2020 , 8, 2166	2.3	6
388	Rich Dynamics of a Predator-Prey System with Different Kinds of Functional Responses. <i>Complexity</i> , 2020 , 2020, 1-19	1.6	4
387	The urgent need for integrated science to fight COVID-19 pandemic and beyond. <i>Journal of Translational Medicine</i> , 2020 , 18, 205	8.5	92
386	Fractional Langevin Equation Involving Two Fractional Orders: Existence and Uniqueness Revisited. <i>Mathematics</i> , 2020 , 8, 743	2.3	13

385	A Novel Technique to Solve the Fuzzy System of Equations. <i>Mathematics</i> , 2020 , 8, 850	2.3	5
384	A coupled system of Langevin differential equations of fractional order and associated to antiperiodic boundary conditions. <i>Mathematical Methods in the Applied Sciences</i> , 2020 ,	2.3	5
383	Modeling and forecasting the COVID-19 pandemic in India. <i>Chaos, Solitons and Fractals</i> , 2020 , 139, 1100493	4.3	195
382	Some observations on generalized non-expansive mappings with an application. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	10
381	Stability Analysis of Anti-Periodic Solutions of the Time-Varying Delayed Hematopoiesis Model with Discontinuous Harvesting Terms. <i>Acta Applicandae Mathematicae</i> , 2020 , 170, 141-162	1.1	1
380	Mathematical modeling of COVID-19 transmission dynamics with a case study of Wuhan. <i>Chaos, Solitons and Fractals</i> , 2020 , 135, 109846	9.3	303
379	Certain Generating Relations Involving the Generalized Multi-Index Bessel-Maitland Function. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-5	1.1	3
378	On a delayed epidemic model with non-instantaneous impulses. <i>Communications on Pure and Applied Analysis</i> , 2020 , 19, 1915-1930	1.9	10
377	Parabolic problem with fractional time derivative with nonlocal and nonsingular Mittag-Leffler kernel. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2020 , 13, 609-627	2.8	2
376	Oscillation of time fractional vector diffusion-wave equation with fractional damping. <i>Opuscula Mathematica</i> , 2020 , 40, 291	2.6	2
375	Langevin Equation Involving Three Fractional Orders. <i>Journal of Statistical Physics</i> , 2020 , 178, 986-995	1.5	7
374	Nonlinear second-order impulsive differential problems with dependence on the derivative via variational structure. <i>Journal of Fixed Point Theory and Applications</i> , 2020 , 22, 1	1.4	5
373	Control of bounded solutions for first-order singular differential equations with impulses. <i>IMA Journal of Mathematical Control and Information</i> , 2020 , 37, 877-893	1.1	4
372	Invariant solutions of hyperbolic fuzzy fractional differential equations. <i>Modern Physics Letters B</i> , 2020 , 34, 2050015	1.6	4
371	Corrigendum to "Mathematical modeling of COVID-19 transmission dynamics with a case study of Wuhan" [<i>Chaos Solitons Fractals</i> 135 (2020), 109846]. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110311	9.3	25
370	Positive Periodic Solutions of Coupled Singular Rayleigh Systems. <i>Qualitative Theory of Dynamical Systems</i> , 2020 , 19, 1	0.8	1
369	Basic Control Theory for Linear Fractional Differential Equations With Constant Coefficients. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	5
368	Existence and Compactness Results for a System of Fractional Differential Equations. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-12	0.8	3

367	Dissipativity of Fractional Navier-Stokes Equations with Variable Delay. <i>Mathematics</i> , 2020 , 8, 2037	2.3	1
366	Existence and uniqueness of solutions for a coupled system of sequential fractional differential equations with initial conditions. <i>Journal of Pseudo-Differential Operators and Applications</i> , 2020 , 11, 1731-1741	1	6
365	Further Results on the Existence of Solutions for Generalized Fractional Basset-Boussinesq-Oseen Equation 2020 , 44, 1461-1467		1
364	Measure of noncompactness on weighted Sobolev space with an application to some nonlinear convolution type integral equations. <i>Journal of Fixed Point Theory and Applications</i> , 2020 , 22, 1	1.4	0
363	A Spatially Adaptive Edge-Preserving Denoising Method Based on Fractional-Order Variational PDEs. <i>IEEE Access</i> , 2020 , 8, 163115-163128	3.5	2
362	Epidemic model of COVID-19 outbreak by inducing behavioural response in population. <i>Nonlinear Dynamics</i> , 2020 , 102, 1-33	5	26
361	Theory of Nonlinear Implicit Fractional Differential Equations. <i>Differential Equations and Dynamical Systems</i> , 2020 , 28, 1-17	0.8	20
360	General Basset-Boussinesq-Oseen equation: existence, uniqueness, approximation and regularity of solutions. <i>International Journal of Computer Mathematics</i> , 2020 , 97, 1792-1805	1.2	3
359	A fixed-point theorem for monotone nearly asymptotically nonexpansive mappings. <i>Journal of Fixed Point Theory and Applications</i> , 2019 , 21, 1	1.4	4
358	Stability analysis of almost periodic solutions of discontinuous BAM neural networks with hybrid time-varying delays and D operator. <i>Journal of the Franklin Institute</i> , 2019 , 356, 11605-11637	4	30
357	Semilinear fractional differential equations with infinite delay and non-instantaneous impulses. <i>Journal of Fixed Point Theory and Applications</i> , 2019 , 21, 1	1.4	17
356	Extended Type k-Mittag-Leffler Function and Its Applications. <i>International Journal of Applied and Computational Mathematics</i> , 2019 , 5, 1	1.3	2
355	An investigation of fractional Bagley-Torvik equation. <i>Open Mathematics</i> , 2019 , 17, 499-512	0.8	9
354	Analysis and Numerical Solutions for Fractional Stochastic Evolution Equations With Almost Sectorial Operators. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019 , 14,	1.4	2
353	Terminal Value Problem for Differential Equations with Hilfer-Katugampola Fractional Derivative. <i>Symmetry</i> , 2019 , 11, 672	2.7	10
352	Dhage iterative principle for quadratic perturbation of fractional boundary value problems with finite delay. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 4244-4255	2.3	4
351	q-fractional differential equations with uncertainty. <i>Soft Computing</i> , 2019 , 23, 9507-9524	3.5	14
350	On impulsive nonlocal integro-initial value problems involving multi-order Caputo-type generalized fractional derivatives and generalized fractional integrals. <i>Advances in Difference Equations</i> , 2019 ,	3.6	8

349	A New Generalized Gronwall Inequality with a Double Singularity and Its Applications to Fractional Stochastic Differential Equations. <i>Stochastic Analysis and Applications</i> , 2019 , 37, 1042-1056	1.1	7
348	Existence and Ulam stability for nonlinear implicit differential equations with Riemann-Liouville fractional derivative. <i>Demonstratio Mathematica</i> , 2019 , 52, 437-450	1.6	11
347	Global attractivity for some classes of Riemann-Liouville fractional differential systems. <i>Journal of Integral Equations and Applications</i> , 2019 , 31,	1.2	6
346	Robust fixed-time synchronization of discontinuous Cohen-Grossberg neural networks with mixed time delays. <i>Nonlinear Analysis: Modelling and Control</i> , 2019 , 24,	1.3	7
345	On fractional Langevin equation involving two fractional orders in different intervals. <i>Nonlinear Analysis: Modelling and Control</i> , 2019 , 24,	1.3	10
344	Nonlocal time-porous medium equation: Weak solutions and finite speed of propagation. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2019 , 24, 4031-4053	1.3	3
343	THE REVISED GENERALIZED TIKHONOV METHOD FOR THE BACKWARD TIME-FRACTIONAL DIFFUSION EQUATION. <i>Journal of Applied Analysis and Computation</i> , 2019 , 9, 45-56	0.4	1
342	Controllability for Impulsive Fractional Evolution Inclusions with State-Dependent Delay. <i>Advances in the Theory of Nonlinear Analysis and Its Applications</i> , 2019 , 3, 18-34	1	3
341	Stability by fixed point theory of impulsive differential equations with delay. <i>Annals of the West University of Timisoara: Mathematics and Computer Science</i> , 2019 , 57, 18-33	0	
340	Atangana-Baleanu Derivative with Fractional Order Applied to the Gas Dynamics Equations. <i>Studies in Systems, Decision and Control</i> , 2019 , 235-251	0.8	7
339	Mathematical modeling of tumor-immune competitive system, considering the role of time delay. <i>Applied Mathematics and Computation</i> , 2019 , 340, 180-205	2.7	35
338	New results on exact controllability of a class of fractional neutral integro-differential systems with state-dependent delay in Banach spaces. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1535-1565	4	78
337	Nonlocal time porous medium equation with fractional time derivative. <i>Revista Matematica Complutense</i> , 2019 , 32, 273-304	0.8	13
336	Periodic Solutions of a Nonautonomous Leslie-Gower Predator-Prey Model with Non-Linear Type Prey Harvesting on Time Scales. <i>Differential Equations and Dynamical Systems</i> , 2019 , 27, 357-367	0.8	3
335	Positive Periodic Solutions for a First Order Singular Ordinary Differential Equation Generated by Impulses. <i>Qualitative Theory of Dynamical Systems</i> , 2018 , 17, 637-650	0.8	7
334	Mathematical modeling of Zika disease in pregnant women and newborns with microcephaly in Brazil. <i>Mathematical Methods in the Applied Sciences</i> , 2018 , 41, 8929-8941	2.3	22
333	New approach for studying nonlocal problems related to differential systems and partial differential equations in generalized fuzzy metric spaces. <i>Fuzzy Sets and Systems</i> , 2018 , 331, 26-46	3.7	28
332	Existence of periodic solutions for nonlinear implicit Hadamard fractional differential equations. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2018 , 112, 25-35	1.6	17

331	An iteration scheme for a family of multivalued mappings in CAT(0) spaces with an application to image recovery. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2018 , 112, 373-384	1.6	11
330	A survey on fuzzy fractional differential and optimal control nonlocal evolution equations. <i>Journal of Computational and Applied Mathematics</i> , 2018 , 339, 3-29	2.4	97
329	Attractors for fractional differential problems of transition to turbulent flows. <i>Journal of Computational and Applied Mathematics</i> , 2018 , 339, 329-342	2.4	27
328	Fractional Langevin equation with anti-periodic boundary conditions. <i>Chaos, Solitons and Fractals</i> , 2018 , 114, 332-337	9.3	56
327	Analytical Solutions for Multi-Time Scale Fractional Stochastic Differential Equations Driven by Fractional Brownian Motion and Their Applications. <i>Entropy</i> , 2018 , 20,	2.8	14
326	Analytical solutions for multi-term time-space fractional partial differential equations with nonlocal damping terms. <i>Fractional Calculus and Applied Analysis</i> , 2018 , 21, 312-335	2.7	19
325	Necessary and sufficient conditions for the existence of non-constant solutions generated by impulses of second order BVPs with convex potential. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2018 , 1-13	0.5	2
324	Controllability of nonlinear fractional delay dynamical systems with prescribed controls. <i>Nonlinear Analysis: Modelling and Control</i> , 2018 , 1-18	1.3	2
323	Is It Possible to Construct a Fractional Derivative Such That the Index Law Holds?. <i>Progress in Fractional Differentiation and Applications</i> , 2018 , 4, 1-3	3.9	16
322	Two finite q-Sturm-Liouville problems and their orthogonal polynomial solutions. <i>Filomat</i> , 2018 , 32, 231-244	2.4	2
321	Nonlinear sequential fractional differential equations in partially ordered spaces. <i>Filomat</i> , 2018 , 32, 4577-4586	4.5	6
320	Fixed point theorems in generalized Banach algebras and applications. <i>Fixed Point Theory</i> , 2018 , 19, 707-732	1.3	5
319	Existence and stability results for nonlocal initial value problems for differential equations with Hilfer fractional derivative. <i>Studia Universitatis Babeş-Bolyai Mathematica</i> , 2018 , 63, 447-464	1	4
318	Ebola model and optimal control with vaccination constraints. <i>Journal of Industrial and Management Optimization</i> , 2018 , 14, 427-446	2	31
317	Periodic solutions for nonlinear fractional differential systems. <i>Differential Equations and Applications</i> , 2018 , 299-316	6.5	3
316	A new type of Taylor series expansion. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 116	2.1	2
315	Mann iteration for monotone nonexpansive mappings in ordered CAT(0) space with an application to integral equations. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 339	2.1	8
314	On the linear fuzzy model associated with Caputo-Fabrizio operator. <i>Boundary Value Problems</i> , 2018 , 2018,	2.1	5

3 ¹³	Some deterministic and random fixed point theorems on a graph. <i>Random Operators and Stochastic Equations</i> , 2018 , 26, 211-224	0.3	2
3 ¹²	On a Multipoint Fractional Boundary Value Problem in a Fractional Sobolev Space. <i>Differential Equations and Dynamical Systems</i> , 2018 , 1	0.8	2
3 ¹¹	Existence and boundedness of solutions for systems of difference equations with infinite delay. <i>Glasnik Matematički</i> , 2018 , 53, 123-141	0.4	0
3 ¹⁰	Solvability and optimal controls of impulsive Hilfer fractional delay evolution inclusions with Clarke subdifferential. <i>Journal of Computational and Applied Mathematics</i> , 2018 , 344, 725-737	2.4	39
3 ⁰⁹	Pulse positive periodic solutions for some classes of singular nonlinearities. <i>Applied Mathematics Letters</i> , 2018 , 86, 134-140	3.5	11
3 ⁰⁸	Approximating Solution of Fabrizio-Caputo Volterra Model for Population Growth in a Closed System by Homotopy Analysis Method. <i>Journal of Function Spaces</i> , 2018 , 2018, 1-10	0.8	6
3 ⁰⁷	Optimal Solutions to Relaxation in Multiple Control Problems of Sobolev Type with Nonlocal Nonlinear Fractional Differential Equations. <i>Journal of Optimization Theory and Applications</i> , 2017 , 174, 7-31	1.6	24
3 ⁰⁶	On the attractivity of solutions for a class of multi-term fractional functional differential equations. <i>Journal of Computational and Applied Mathematics</i> , 2017 , 312, 2-12	2.4	15
3 ⁰⁵	Global exponential stability of general A-monotone implicit fuzzy proximal dynamical systems in Banach spaces. <i>Soft Computing</i> , 2017 , 21, 3113-3121	3.5	1
3 ⁰⁴	Mathematical modeling of 2014 Ebola outbreak. <i>Mathematical Methods in the Applied Sciences</i> , 2017 , 40, 6114-6122	2.3	22
3 ⁰³	Numerical solution of fuzzy boundary value problems using Galerkin method. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017 , 42, 45-61	1	3
3 ⁰²	Numerical Analysis of Fractional Neutral Functional Differential Equations Based on Generalized Volterra-Integral Operators. <i>Journal of Computational and Nonlinear Dynamics</i> , 2017 , 12,	1.4	2
3 ⁰¹	Analytical solutions for coupling fractional partial differential equations with Dirichlet boundary conditions. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 52, 165-176	3.7	12
3 ⁰⁰	Variational approach to differential equations with not instantaneous impulses. <i>Applied Mathematics Letters</i> , 2017 , 73, 44-48	3.5	43
2 ⁹⁹	Analysis of an El Nino-Southern Oscillation model with a new fractional derivative. <i>Chaos, Solitons and Fractals</i> , 2017 , 99, 109-115	9.3	56
2 ⁹⁸	A New Family of the Local Fractional PDEs. <i>Fundamenta Informaticae</i> , 2017 , 151, 63-75	1	42
2 ⁹⁷	The Applications of Critical-Point Theory to Discontinuous Fractional-Order Differential Equations. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2017 , 60, 1021-1051	0.7	14
2 ⁹⁶	Solvability of an implicit fractional integral equation via a measure of noncompactness argument. <i>Acta Mathematica Scientia</i> , 2017 , 37, 195-204	0.7	6

295	Impulsive differential inclusions via variational method. <i>Georgian Mathematical Journal</i> , 2017 , 24, 313-323.5	2
294	A Coupled System of Caputo-Type Sequential Fractional Differential Equations with Coupled (Periodic/Anti-periodic Type) Boundary Conditions. <i>Mediterranean Journal of Mathematics</i> , 2017 , 14, 1	0.9 22
293	Representation of [Formula: see text]-Bernstein polynomials in terms of [Formula: see text]-Jacobi polynomials. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 167	2.1 3
292	Fractional-order model for biocontrol of the lesser date moth in palm trees and its discretization. <i>Advances in Difference Equations</i> , 2017 , 2017,	3.6 11
291	Second order evolution equations with nonlocal conditions. <i>Demonstratio Mathematica</i> , 2017 , 50, 309-319.6	2
290	Extended Riemann-Liouville type fractional derivative operator with applications. <i>Open Mathematics</i> , 2017 , 15, 1667-1681	0.8 23
289	A fractional-order impulsive delay model of price fluctuations in commodity markets: almost periodic solutions. <i>European Physical Journal: Special Topics</i> , 2017 , 226, 3811-3825	2.3 6
288	Multiple Positive Solutions for Quadratic Integral Equations of Fractional Order. <i>Journal of Function Spaces</i> , 2017 , 2017, 1-8	0.8
287	EXTREMAL SOLUTIONS FOR A NONLINEAR IMPULSIVE DIFFERENTIAL EQUATIONS WITH MULTI-ORDERS FRACTIONAL DERIVATIVES. <i>Journal of Applied Analysis and Computation</i> , 2017 , 7, 814-823.4	3
286	Lyapunov-type inequalities for a higher order fractional differential equation with fractional integral boundary conditions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2017 , 1-17	0.5 4
285	Mild solutions of Riemann-Liouville fractional differential equations with fractional impulses. <i>Nonlinear Analysis: Modelling and Control</i> , 2017 , 22, 753-764	1.3 6
284	Variational approach to non-instantaneous impulsive nonlinear differential equations. <i>Journal of Nonlinear Science and Applications</i> , 2017 , 10, 2440-2448	1.9 12
283	Fractional differential equations with nonlocal (parametric type) anti-periodic boundary conditions. <i>Filomat</i> , 2017 , 31, 1207-1214	0.7 8
282	On coupled Hadamard type sequential fractional differential equations with variable coefficients and nonlocal integral boundary conditions. <i>Filomat</i> , 2017 , 31, 6041-6049	0.7 9
281	Existence and stability results for partial implicit fractional differential equations with not instantaneous impulses. <i>Novi Sad Journal of Mathematics</i> , 2017 , 47, 157-171	0.3 2
280	Common Fixed Point Iterations of Non-Lipschitzian Mappings in a Convex Metric Space. <i>Mediterranean Journal of Mathematics</i> , 2016 , 13, 2061-2071	0.9 2
279	Random fixed point theorems in partially ordered metric spaces. <i>Fixed Point Theory and Applications</i> , 2016 , 2016,	1.4 8
278	Existence theory for sequential fractional differential equations with anti-periodic type boundary conditions. <i>Open Mathematics</i> , 2016 , 14, 723-735	0.8 17

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