

Juan J Nieto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1534212/juan-j-nieto-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Contractive Mapping Theorems in Partially Ordered Sets and Applications to Ordinary Differential Equations. <i>Order</i> , 2005 , 22, 223-239	0.5	712
437	On the concept of solution for fractional differential equations with uncertainty. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 2859-2862	1.3	390
436	Existence and Uniqueness of Fixed Point in Partially Ordered Sets and Applications to Ordinary Differential Equations. <i>Acta Mathematica Sinica, English Series</i> , 2007 , 23, 2205-2212	0.6	346
435	Existence results for a coupled system of nonlinear fractional differential equations with three-point boundary conditions. <i>Computers and Mathematics With Applications</i> , 2009 , 58, 1838-1843	2.7	338
434	Variational approach to impulsive differential equations. <i>Nonlinear Analysis: Real World Applications</i> , 2009 , 10, 680-690	2.1	305
433	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
432	Analysis of a delayed epidemic model with pulse vaccination and saturation incidence. <i>Vaccine</i> , 2006 , 24, 6037-45	4.1	219
431	Modeling and forecasting the COVID-19 pandemic in India. <i>Chaos, Solitons and Fractals</i> , 2020 , 139, 110049	9.3	195
430	Use of fuzzy clustering technique and matrices to classify amino acids and its impact to Chou's pseudo amino acid composition. <i>Journal of Theoretical Biology</i> , 2009 , 257, 17-26	2.3	187
429	Some new existence results for fractional differential inclusions with boundary conditions. <i>Mathematical and Computer Modelling</i> , 2009 , 49, 605-609		176
428	A study of nonlinear Langevin equation involving two fractional orders in different intervals. <i>Nonlinear Analysis: Real World Applications</i> , 2012 , 13, 599-606	2.1	169
427	A delayed epidemic model with stage-structure and pulses for pest management strategy. <i>Nonlinear Analysis: Real World Applications</i> , 2008 , 9, 1714-1726	2.1	156
426	Fixed point theorems in ordered abstract spaces. <i>Proceedings of the American Mathematical Society</i> , 2007 , 135, 2505-2518	0.8	150
425	Impulsive periodic boundary value problems of first-order differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 325, 226-236	1.1	125
424	New comparison results for impulsive integro-differential equations and applications. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 328, 1343-1368	1.1	121
423	Existence and global attractivity of positive periodic solution of periodic single-species impulsive Lotka-Volterra systems. <i>Mathematical and Computer Modelling</i> , 2004 , 40, 509-518		116
422	On a fractional order Ebola epidemic model. <i>Advances in Difference Equations</i> , 2015 , 2015,	3.6	109

4 ²¹	Maximum principles for fractional differential equations derived from Mittag-Leffler functions. <i>Applied Mathematics Letters</i> , 2010 , 23, 1248-1251	3.5	109
4 ²⁰	Fractional order differential equations on an unbounded domain. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 580-586	1.3	108
4 ¹⁹	Basic Theory for Nonresonance Impulsive Periodic Problems of First Order. <i>Journal of Mathematical Analysis and Applications</i> , 1997 , 205, 423-433	1.1	105
4 ¹⁸	Impulsive resonance periodic problems of first order. <i>Applied Mathematics Letters</i> , 2002 , 15, 489-493	3.5	100
4 ¹⁷	Periodic boundary value problem for non-Lipschitzian impulsive functional differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2006 , 318, 593-610	1.1	99
4 ¹⁶	Impulsive periodic solutions of first-order singular differential equations. <i>Bulletin of the London Mathematical Society</i> , 2008 , 40, 143-150	0.9	98
4 ¹⁵	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
4 ¹⁴	Periodic boundary value problems for first-order impulsive ordinary differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2002 , 51, 1223-1232	1.3	97
4 ¹³	Existence of Periodic Solution for a Nonlinear Fractional Differential Equation. <i>Boundary Value Problems</i> , 2009 , 2009, 1-18	2.1	95
4 ¹²	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
4 ¹¹	Variation of constant formula for first order fuzzy differential equations. <i>Fuzzy Sets and Systems</i> , 2011 , 177, 20-33	3.7	92
4 ¹⁰	The multiplicity of solutions for perturbed second-order Hamiltonian systems with impulsive effects. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 4575-4586	1.3	90
4 ⁰⁹	Controllability for a class of fractional-order neutral evolution control systems. <i>Applied Mathematics and Computation</i> , 2012 , 218, 10334-10340	2.7	89
4 ⁰⁸	The Cauchy problem for continuous fuzzy differential equations. <i>Fuzzy Sets and Systems</i> , 1999 , 102, 259-362	3.7	89
4 ⁰⁷	The dynamics of an epidemic model for pest control with impulsive effect. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 1374-1386	2.1	88
4 ⁰⁶	On ground state solutions for some non-autonomous Schrödinger-Poisson systems. <i>Journal of Differential Equations</i> , 2012 , 252, 3365-3380	2.1	86
4 ⁰⁵	A boundary value problem for second order fuzzy differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 3583-3593	1.3	86
4 ⁰⁴	Existence and approximation of solutions for a class of nonlinear impulsive functional differential equations with anti-periodic boundary conditions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008 , 69, 3291-3298	1.3	86

403	COMPLEXITY OF A DELAYED PREDATOR-PREY MODEL WITH IMPULSIVE HARVEST AND HOLLING TYPE II FUNCTIONAL RESPONSE. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2008 , 11, 77-97	0.8	84
402	Anti-periodic solutions for fully nonlinear first-order differential equations. <i>Mathematical and Computer Modelling</i> , 2007 , 46, 1183-1190		84
401	Numerical solution for the model of RLC circuit via the fractional derivative without singular kernel. <i>Advances in Mechanical Engineering</i> , 2015 , 7, 168781401561375	1.2	83
400	Fuzzy logic in medicine and bioinformatics. <i>Journal of Biomedicine and Biotechnology</i> , 2006 , 2006, 91908		81
399	Existence Results for Nonlinear Boundary Value Problems of Fractional Integrodifferential Equations with Integral Boundary Conditions. <i>Boundary Value Problems</i> , 2009 , 2009, 1-11	2.1	80
398	Nontrivial solutions for a nonlinear multi-point boundary value problem of fractional order. <i>Computers and Mathematics With Applications</i> , 2010 , 59, 3438-3443	2.7	79
397	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
396	Boundary value problems for a class of impulsive functional equations. <i>Computers and Mathematics With Applications</i> , 2008 , 55, 2715-2731	2.7	77
395	Numerical methods for fuzzy differential inclusions. <i>Computers and Mathematics With Applications</i> , 2004 , 48, 1633-1641	2.7	74
394	A coupled system of Hadamard type sequential fractional differential equations with coupled strip conditions. <i>Chaos, Solitons and Fractals</i> , 2016 , 91, 39-46	9.3	73
393	Existence of Solutions for Nonlocal Boundary Value Problems of Higher-Order Nonlinear Fractional Differential Equations. <i>Abstract and Applied Analysis</i> , 2009 , 2009, 1-9	0.7	72
392	An abstract monotone iterative technique. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1997 , 28, 1923-1933	1.3	67
391	First-order impulsive ordinary differential equations with anti-periodic and nonlinear boundary conditions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2000 , 42, 163-173	1.3	67
390	Sobolev type fractional abstract evolution equations with nonlocal conditions and optimal multi-controls. <i>Applied Mathematics and Computation</i> , 2014 , 245, 74-85	2.7	66
389	Numerical solution of fuzzy differential equations under generalized differentiability. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009 , 3, 700-707	4.5	66
388	Bounded solutions for fuzzy differential and integral equations. <i>Chaos, Solitons and Fractals</i> , 2006 , 27, 1376-1386	9.3	66
387	On monotone method for first and second order periodic boundary value problems and periodic solutions of functional differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2004 , 289, 691-699	1.1	66
386	Riemann-Liouville fractional integro-differential equations with fractional nonlocal integral boundary conditions. <i>Boundary Value Problems</i> , 2011 , 2011,	2.1	64

385	Sequential fractional differential equations with three-point boundary conditions. <i>Computers and Mathematics With Applications</i> , 2012 , 64, 3046-3052	2.7	63
384	New results for the periodic boundary value problem for impulsive integro-differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 70, 2248-2260	1.3	63
383	Tuning of reachable set in one dimensional fuzzy differential inclusions. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 1337-1341	9.3	63
382	Initial and boundary value problems for fuzzy differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2003 , 54, 405-415	1.3	61
381	Variational formulation of a damped Dirichlet impulsive problem. <i>Applied Mathematics Letters</i> , 2010 , 23, 940-942	3.5	59
380	Existence and approximation of solutions for nonlinear functional differential equations with periodic boundary value conditions. <i>Computers and Mathematics With Applications</i> , 2000 , 40, 433-442	2.7	59
379	Remarks on periodic boundary value problems for functional differential equations. <i>Journal of Computational and Applied Mathematics</i> , 2003 , 158, 339-353	2.4	58
378	Existence of solutions for nonlinear fractional q-difference integral equations with two fractional orders and nonlocal four-point boundary conditions. <i>Journal of the Franklin Institute</i> , 2014 , 351, 2890-2909		57
377	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
376	Fractional Langevin equation with anti-periodic boundary conditions. <i>Chaos, Solitons and Fractals</i> , 2018 , 114, 332-337	9.3	56
375	Existence of Solutions for Impulsive Anti-periodic Boundary Value Problems of Fractional Order. <i>Taiwanese Journal of Mathematics</i> , 2011 , 15,	1.1	54
374	Homoclinic solutions for a class of subquadratic second-order Hamiltonian systems. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 373, 20-29	1.1	54
373	Existence of Solutions for Impulsive Neutral Integro-Differential Inclusions with Nonlocal Initial Conditions via Fractional Operators. <i>Numerical Functional Analysis and Optimization</i> , 2009 , 30, 227-244	1	54
372	APPROXIMATE CONTROLLABILITY OF NONLINEAR DETERMINISTIC AND STOCHASTIC SYSTEMS WITH UNBOUNDED DELAY. <i>Taiwanese Journal of Mathematics</i> , 2010 , 14,	1.1	53
371	A Reliable Algorithm for a Local Fractional Tricomi Equation Arising in Fractal Transonic Flow. <i>Entropy</i> , 2016 , 18, 206	2.8	53
370	Antiperiodic boundary value problem for first-order impulsive ordinary differential equations. <i>Computers and Mathematics With Applications</i> , 2005 , 49, 253-261	2.7	52
369	Fractional electrical circuits. <i>Advances in Mechanical Engineering</i> , 2015 , 7, 168781401561812	1.2	51
368	LINEAR FIRST-ORDER FUZZY DIFFERENTIAL EQUATIONS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2006 , 14, 687-709	0.8	51

- 367 Solvability of impulsive neutral evolution differential inclusions with state-dependent delay. *Mathematical and Computer Modelling*, **2009**, 49, 1920-1927 50
- 366 Analysis of an SIR epidemic model with pulse vaccination and distributed time delay. *Journal of Biomedicine and Biotechnology*, **2007**, 2007, 64870 50
- 365 Initial value problems for higher-order fuzzy differential equations. *Nonlinear Analysis: Theory, Methods & Applications*, **2005**, 63, 587-600 1.3 50
- 364 Variational approach to some damped Dirichlet nonlinear impulsive differential equations. *Journal of the Franklin Institute*, **2011**, 348, 369-377 4 49
- 363 Permanence and Periodic Solution of Predator-Prey System with Holling Type Functional Response and Impulses. *Discrete Dynamics in Nature and Society*, **2007**, 2007, 1-15 1.1 49
- 362 A note on the fractional logistic equation. *Physica A: Statistical Mechanics and Its Applications*, **2016**, 444, 182-187 3.3 48
- 361 Existence and Exponential Stability of Positive Almost Periodic Solutions for a Model of Hematopoiesis. *Boundary Value Problems*, **2009**, 2009, 1-10 2.1 47
- 360 Global attractivity for nonlinear fractional differential equations. *Nonlinear Analysis: Real World Applications*, **2012**, 13, 287-298 2.1 46
- 359 Comments on the concept of existence of solution for impulsive fractional differential equations. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 401-403 3.7 46
- 358 Controllability of Semilinear Differential Systems with Nonlocal Initial Conditions in Banach Spaces. *Journal of Optimization Theory and Applications*, **2009**, 142, 267-273 1.6 46
- 357 Multiplicity of solutions for nonlinear second order impulsive differential equations with linear derivative dependence via variational methods. *Communications in Nonlinear Science and Numerical Simulation*, **2012**, 17, 426-432 3.7 45
- 356 Anti-periodic fractional boundary value problems. *Computers and Mathematics With Applications*, **2011**, 62, 1150-1156 2.7 45
- 355 Dynamic analysis of Michaelis-Menten chemostat-type competition models with time delay and pulse in a polluted environment. *Journal of Mathematical Chemistry*, **2010**, 47, 123-144 2.1 45
- 354 Periodic Boundary Value Problems for a Class of Functional Differential Equations. *Journal of Mathematical Analysis and Applications*, **1996**, 200, 680-686 1.1 44
- 353 Variational approach to differential equations with not instantaneous impulses. *Applied Mathematics Letters*, **2017**, 73, 44-48 3.5 43
- 352 Periodic boundary value problems for first-order linear differential equations with uncertainty under generalized differentiability. *Information Sciences*, **2013**, 222, 544-558 7.7 43
- 351 Boundary Value Problems for a Class of Sequential Integrodifferential Equations of Fractional Order. *Journal of Function Spaces and Applications*, **2013**, 2013, 1-8 43
- 350 Controllability of evolution differential inclusions in Banach spaces. *Nonlinear Analysis: Theory, Methods & Applications*, **2007**, 67, 623-632 1.3 43

349	Monotone method for first-order functional differential equations. <i>Computers and Mathematics With Applications</i> , 2006 , 52, 471-484	2.7	43
348	Existence of solutions for first order ordinary differential equations with nonlinear boundary conditions. <i>Applied Mathematics and Computation</i> , 2004 , 153, 793-802	2.7	43
347	A New Family of the Local Fractional PDEs. <i>Fundamenta Informaticae</i> , 2017 , 151, 63-75	1	42
346	Fuzzy delay differential equations under generalized differentiability. <i>Information Sciences</i> , 2014 , 275, 145-167	7.7	42
345	A class of linear differential dynamical systems with fuzzy matrices. <i>Journal of Mathematical Analysis and Applications</i> , 2010 , 368, 54-68	1.1	40
344	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
343	Infinitely many solutions for second-order Hamiltonian system with impulsive effects. <i>Mathematical and Computer Modelling</i> , 2011 , 54, 544-555		38
342	Periodic boundary value problems for nonlinear higher order ordinary differential equations. <i>Applied Mathematics and Computation</i> , 1992 , 48, 71-82	2.7	38
341	Generalized quasilinearization method for a second order ordinary differential equation with Dirichlet boundary conditions. <i>Proceedings of the American Mathematical Society</i> , 1997 , 125, 2599-2604	0.8	37
340	Periodic solutions of delayed predator-prey model with the Beddington-DeAngelis functional response. <i>Chaos, Solitons and Fractals</i> , 2007 , 33, 505-512	9.3	37
339	A Contribution to the Study of Functional Differential Equations with Impulses. <i>Mathematische Nachrichten</i> , 2000 , 218, 49-60	0.8	37
338	Some boundary value problems of fractional differential equations and inclusions. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 1238-1250	2.7	36
337	Seasonality and mixed vaccination strategy in an epidemic model with vertical transmission. <i>Mathematics and Computers in Simulation</i> , 2011 , 81, 1855-1868	3.3	36
336	Fractional model of COVID-19 applied to Galicia, Spain and Portugal. <i>Chaos, Solitons and Fractals</i> , 2021 , 144, 110652	9.3	36
335	Green's function and comparison principles for first order periodic differential equations with piecewise constant arguments. <i>Journal of Mathematical Analysis and Applications</i> , 2004 , 291, 690-697	1.1	35
334	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
333	Permanence and global attractivity of stage-structured predator-prey model with continuous harvesting on predator and impulsive stocking on prey. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2008 , 29, 653-663	3.2	34
332	Schauder fixed-point theorem in semilinear spaces and its application to fractional differential equations with uncertainty. <i>Fixed Point Theory and Applications</i> , 2014 , 2014, 21	1.4	33

331	On Fractional Order Dengue Epidemic Model. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-6	1.1	33
330	Implicit Fractional Differential Equations via the Liouville–Caputo Derivative. <i>Mathematics</i> , 2015 , 3, 398-413	1.3	31
329	Ebola model and optimal control with vaccination constraints. <i>Journal of Industrial and Management Optimization</i> , 2018 , 14, 427-446	2	31
328	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
327	Anti-periodic fractional boundary value problems with nonlinear term depending on lower order derivative. <i>Fractional Calculus and Applied Analysis</i> , 2012 , 15,	2.7	30
326	Monotone iterative method for functional differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1998 , 32, 741-747	1.3	30
325	Midpoints for fuzzy sets and their application in medicine. <i>Artificial Intelligence in Medicine</i> , 2003 , 27, 81-101	7.4	30
324	Existence of positive almost periodic solutions to a class of hematopoiesis model. <i>Applied Mathematical Modelling</i> , 2016 , 40, 3289-3297	4.5	29
323	Nonlinear second-order periodic boundary value problems. <i>Journal of Mathematical Analysis and Applications</i> , 1988 , 130, 22-29	1.1	29
322	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
321	The fuzzy polynucleotide space: basic properties. <i>Bioinformatics</i> , 2003 , 19, 587-92	7.2	28
320	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
319	Analytical methods for detecting pesticide switches with evolution of pesticide resistance. <i>Mathematical Biosciences</i> , 2013 , 245, 249-57	3.9	27
318	A new approach for positive almost periodic solutions to a class of Nicholson’s blowflies model. <i>Journal of Computational and Applied Mathematics</i> , 2013 , 253, 249-254	2.4	26
317	Epidemic model of COVID-19 outbreak by inducing behavioural response in population. <i>Nonlinear Dynamics</i> , 2020 , 102, 1-33	5	26
316	Optimal control of the COVID-19 pandemic: controlled sanitary deconfinement in Portugal. <i>Scientific Reports</i> , 2021 , 11, 3451	4.9	26
315	Positive solutions of a fractional thermostat model. <i>Boundary Value Problems</i> , 2013 , 2013,	2.1	25
314	Three-Point Boundary Value Problems for Conformable Fractional Differential Equations. <i>Journal of Function Spaces</i> , 2015 , 2015, 1-6	0.8	25

313	Higher-Order Numerical Scheme for the Fractional Heat Equation with Dirichlet and Neumann Boundary Conditions. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2013 , 63, 540-559	1.3	25
312	Existence and uniqueness of solutions for nonlinear fractional differential equations with non-separated type integral boundary conditions. <i>Acta Mathematica Scientia</i> , 2011 , 31, 2122-2130	0.7	25
311	Maximum principles for periodic impulsive first order problems. <i>Journal of Computational and Applied Mathematics</i> , 1998 , 88, 149-159	2.4	25
310	Quasilinearization and Rate of Convergence for Higher-Order Nonlinear Periodic Boundary-Value Problems. <i>Journal of Optimization Theory and Applications</i> , 2001 , 108, 97-107	1.6	25
309	Corrigendum to "Mathematical modeling of COVID-19 transmission dynamics with a case study of Wuhan" [Chaos Solitons Fractals 135 (2020), 109846]. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110311	9.3	25
308	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
307	Some results on boundary value problems for fuzzy differential equations with functional dependence. <i>Fuzzy Sets and Systems</i> , 2013 , 230, 92-118	3.7	24
306	Anti-periodic solutions for evolution equations associated with maximal monotone mappings. <i>Applied Mathematics Letters</i> , 2011 , 24, 302-307	3.5	24
305	Fixed points and approximate solutions for nonlinear operator equations. <i>Journal of Computational and Applied Mathematics</i> , 2000 , 113, 17-25	2.4	24
304	Extended Riemann-Liouville type fractional derivative operator with applications. <i>Open Mathematics</i> , 2017 , 15, 1667-1681	0.8	23
303	Exact solution to the periodic boundary value problem for a first-order linear fuzzy differential equation with impulses. <i>Fuzzy Optimization and Decision Making</i> , 2011 , 10, 323-339	5.1	23
302	The Bellman-Balaba-Bakshimikantham Quasilinearization Method for Neumann Problems. <i>Journal of Mathematical Analysis and Applications</i> , 2001 , 257, 356-363	1.1	23
301	A nonlinear biomathematical model for the study of intracranial aneurysms. <i>Journal of the Neurological Sciences</i> , 2000 , 177, 18-23	3.2	23
300	A generalization of the monotone iterative technique for nonlinear second order periodic boundary value problems. <i>Journal of Mathematical Analysis and Applications</i> , 1990 , 151, 181-189	1.1	23
299	Mathematical modeling of 2014 Ebola outbreak. <i>Mathematical Methods in the Applied Sciences</i> , 2017 , 40, 6114-6122	2.3	22
298	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
297	Fuzzy fractional initial value problem. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 28, 2691-2704	1.6	22
296	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

295	The importance of interlinguistic similarity and stable bilingualism when two languages compete. <i>New Journal of Physics</i> , 2011 , 13, 033007	2.9	22
294	Biomathematical modeling and analysis of blood flow in an intracranial aneurysm. <i>Neurological Research</i> , 2003 , 25, 497-504	2.7	22
293	Green's function for second-order periodic boundary value problems with piecewise constant arguments. <i>Journal of Mathematical Analysis and Applications</i> , 2005 , 304, 33-57	1.1	22
292	Methods of generalized quasilinearization for periodic boundary value problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1996 , 27, 143-151	1.3	22
291	Periodic boundary value problems for nonlinear first order ordinary differential equations. <i>Acta Mathematica Hungarica</i> , 1996 , 71, 49-58	0.8	22
290	Forced oscillation of solutions of a nonlinear fractional partial differential equation. <i>Applied Mathematics and Computation</i> , 2015 , 254, 14-19	2.7	21
289	Second-Order Boundary Value Problem with Integral Boundary Conditions. <i>Boundary Value Problems</i> , 2011 , 2011, 1-9	2.1	21
288	Homoclinic orbits for a class of first-order nonperiodic asymptotically quadratic Hamiltonian systems with spectrum point zero. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 378, 117-127 ^{1.1}		21
287	A class of nonlinear boundary value problems without Landesman-Lazer condition. <i>Journal of Mathematical Analysis and Applications</i> , 1985 , 105, 1-11	1.1	21
286	Pseudo almost automorphic and weighted pseudo almost automorphic mild solutions to semi-linear differential equations in Hilbert spaces. <i>Revista Matemática Complutense</i> , 2011 , 24, 421-438	0.8	20
285	A study of entropy/clarity of genetic sequences using metric spaces and fuzzy sets. <i>Journal of Theoretical Biology</i> , 2010 , 267, 95-105	2.3	20
284	Hybrid metric dynamical systems with impulses. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006 , 64, 368-380	1.3	20
283	Differential inequalities for functional perturbations of first-order ordinary differential equations. <i>Applied Mathematics Letters</i> , 2002 , 15, 173-179	3.5	20
282	Theory of Nonlinear Implicit Fractional Differential Equations. <i>Differential Equations and Dynamical Systems</i> , 2020 , 28, 1-17	0.8	20
281	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
280	Weighted pseudo almost periodic solutions for a class of discrete hematopoiesis model. <i>Revista Matemática Complutense</i> , 2013 , 26, 427-443	0.8	19
279	On Fractional Derivatives and Primitives of Periodic Functions. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	19
278	On nonlocal boundary value problems of nonlinear q-difference equations. <i>Advances in Difference Equations</i> , 2012 , 2012,	3.6	19

277	On Impulsive Hyperbolic Differential Inclusions with Nonlocal Initial Conditions. <i>Journal of Optimization Theory and Applications</i> , 2009 , 140, 431-442	1.6	19
276	Almost automorphic and pseudo-almost automorphic mild solutions to an abstract differential equation in Banach spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 1886-1894	1.3	19
275	The Monotone Iterative Technique for Three-Point Second-Order Integrodifferential Boundary Value Problems with p-Laplacian. <i>Boundary Value Problems</i> , 2007 , 2007, 1-9	2.1	19
274	Extremal solutions of second order nonlinear periodic boundary value problems. <i>Applied Mathematics and Computation</i> , 1990 , 40, 135-145	2.7	19
273	Analytical solutions for the multi-term time-space fractional reaction-diffusion equations on an infinite domain. <i>Fractional Calculus and Applied Analysis</i> , 2015 , 18,	2.7	18
272	Euler polygonal method for metric dynamical systems. <i>Information Sciences</i> , 2007 , 177, 4256-4270	7.7	18
271	Fuzzy polynucleotide spaces and metrics. <i>Bulletin of Mathematical Biology</i> , 2006 , 68, 703-25	2.1	18
270	Applications of Contractive-like Mapping Principles to Fuzzy Equations. <i>Revista Matematica Complutense</i> , 2006 , 19, 361	0.8	18
269	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
268	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
267	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
266	Existence theory for sequential fractional differential equations with anti-periodic type boundary conditions. <i>Open Mathematics</i> , 2016 , 14, 723-735	0.8	17
265	BASIC THEORY OF NONLINEAR THIRD-ORDER Q-DIFFERENCE EQUATIONS AND INCLUSIONS. <i>Mathematical Modelling and Analysis</i> , 2013 , 18, 122-135	1.3	17
264	Solvability of Nonlinear Langevin Equation Involving Two Fractional Orders with Dirichlet Boundary Conditions. <i>International Journal of Differential Equations</i> , 2010 , 2010, 1-10	0.8	17
263	Existence and approximation of solution of three-point boundary value problems on time scales. <i>Journal of Difference Equations and Applications</i> , 2008 , 14, 723-736	1	17
262	A metric space to study differences between polynucleotides. <i>Applied Mathematics Letters</i> , 2003 , 16, 1289-1294	3.5	17
261	Nonlinear second order periodic value problems with caratheodory functions. <i>Applicable Analysis</i> , 1989 , 34, 111-128	0.8	17
260	Some fractional integral formulas for the Mittag-Leffler type function with four parameters. <i>Open Mathematics</i> , 2015 , 13,	0.8	16

259	On a nonlinear boundary value problem modeling corneal shape. <i>Journal of Mathematical Analysis and Applications</i> , 2014 , 414, 461-471	1.1	16
258	Existence of extremal solutions for quadratic fuzzy equations. <i>Fixed Point Theory and Applications</i> , 2005 , 2005, 535919	1.4	16
257	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
256	COVID-19 Vaccine Boosters: The Good, the Bad, and the Ugly. <i>Vaccines</i> , 2021 , 9,	5.3	16
255	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
254	Boundary value problems of nonlinear fractional q-difference (integral) equations with two fractional orders and four-point nonlocal integral boundary conditions. <i>Filomat</i> , 2014 , 28, 1719-1736	0.7	15
253	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
252	q-fractional differential equations with uncertainty. <i>Soft Computing</i> , 2019 , 23, 9507-9524	3.5	14
251	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
250	Positive solution for a superlinear Kirchhoff type problem with a parameter. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2014 , 95, 333-338	1.3	14
249	A Viral Infection Model with a Nonlinear Infection Rate. <i>Boundary Value Problems</i> , 2009 , 2009, 1-19	2.1	14
248	Existence results for a nondensely-defined impulsive neutral differential equation with state-dependent delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2010 , 4, 593-599	4.5	14
247	Existence, Uniqueness, and Approximation of Solutions to Some Nonlinear Diffusion Problems. <i>Journal of Mathematical Analysis and Applications</i> , 1997 , 210, 231-240	1.1	14
246	Generalized quasilinearization method for mixed boundary value problems. <i>Applied Mathematics and Computation</i> , 2002 , 133, 423-429	2.7	14
245	Periodic solutions of discontinuous impulsive differential systems. <i>Journal of Mathematical Analysis and Applications</i> , 1991 , 161, 388-394	1.1	14
244	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
243	State impulsive control strategies for a two-languages competitive model with bilingualism and interlinguistic similarity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 430, 136-147	3.3	13
242	Fractional Langevin Equation Involving Two Fractional Orders: Existence and Uniqueness Revisited. <i>Mathematics</i> , 2020 , 8, 743	2.3	13

241	One-Step Iteration Scheme for Multivalued Nonexpansive Mappings in CAT(0) Spaces. <i>Mediterranean Journal of Mathematics</i> , 2016 , 13, 1211-1225	0.9	13
240	Global Uniqueness Results for Fractional Order Partial Hyperbolic Functional Differential Equations. <i>Advances in Difference Equations</i> , 2011 , 2011, 379876	3.6	13
239	MIXED VACCINATION STRATEGY IN SIRS EPIDEMIC MODEL WITH SEASONAL VARIABILITY ON INFECTION. <i>International Journal of Biomathematics</i> , 2011 , 04, 473-491	1.8	13
238	Existence of Positive Solutions for Multipoint Boundary Value Problem on the Half-Line with Impulses. <i>Boundary Value Problems</i> , 2009 , 2009, 1-12	2.1	13
237	Extremal solutions of a class of nonlinear integro-differential equations in Banach spaces. <i>Proceedings of the American Mathematical Society</i> , 1997 , 125, 2605-2614	0.8	13
236	Boundary value problems for second order integro-differential equations of Fredholm type. <i>Journal of Computational and Applied Mathematics</i> , 1996 , 72, 215-225	2.4	13
235	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
234	Nonlocal time porous medium equation with fractional time derivative. <i>Revista Matematica Complutense</i> , 2019 , 32, 273-304	0.8	13
233	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
232	The Method of Upper and Lower Solutions for Second Order Differential Inclusions with Integral Boundary Conditions. <i>Rocky Mountain Journal of Mathematics</i> , 2010 , 40,	1.4	12
231	Approximation of solutions for nonlinear problems with an application to the study of aneurysms of the circle of Willis. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2000 , 40, 513-521	1.3	12
230	Boundary value problems for impulsive first order integro-differential equations of Fredholm type. <i>Acta Mathematica Hungarica</i> , 1996 , 71, 155-170	0.8	12
229	Variational approach to non-instantaneous impulsive nonlinear differential equations. <i>Journal of Nonlinear Science and Applications</i> , 2017 , 10, 2440-2448	1.9	12
228	Projectile motion via Riemann-Liouville calculus. <i>Advances in Difference Equations</i> , 2015 , 2015,	3.6	11
227	Unsteady non-Newtonian blood flow through a tapered overlapping stenosed catheterized vessel. <i>Mathematical Biosciences</i> , 2015 , 269, 94-103	3.9	11
226	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
225	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
224	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

223	The Dirichlet problem for a 3D elliptic equation with two singular coefficients. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 214-224	2.7	11
222	Analysis of a logistic differential model with uncertainty. <i>International Journal of Dynamical Systems and Differential Equations</i> , 2008 , 1, 164	0.4	11
221	An exact formula for the number of alignments between two DNA sequences. <i>DNA Sequence</i> , 2003 , 14, 427-30		11
220	Approximate solutions to a new class of nonlinear diffusion problems. <i>Journal of Computational and Applied Mathematics</i> , 1999 , 108, 219-231	2.4	11
219	Periodic solutions of some Lienard and Duffing equations. <i>Journal of Mathematical Analysis and Applications</i> , 1989 , 140, 67-82	1.1	11
218	Oscillation of a time fractional partial differential equation. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2014 , 1-10	0.5	11
217	Pulse positive periodic solutions for some classes of singular nonlinearities. <i>Applied Mathematics Letters</i> , 2018 , 86, 134-140	3.5	11
216	Terminal Value Problem for Differential Equations with Hilfer-Katugampola Fractional Derivative. <i>Symmetry</i> , 2019 , 11, 672	2.7	10
215	Some observations on generalized non-expansive mappings with an application. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	10
214	An analytic solution of a model of language competition with bilingualism and interlinguistic similarity. <i>Physica D: Nonlinear Phenomena</i> , 2013 , 264, 17-26	3.3	10
213	Existence of Solutions for Sturm-Liouville Boundary Value Problem of Impulsive Differential Equations. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-19	0.7	10
212	Sufficient conditions for existence of solutions of nonlinear boundary value problems at resonance. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1983 , 7, 1013-1020	1.3	10
211	On fractional Langevin equation involving two fractional orders in different intervals. <i>Nonlinear Analysis: Modelling and Control</i> , 2019 , 24,	1.3	10
210	On a delayed epidemic model with non-instantaneous impulses. <i>Communications on Pure and Applied Analysis</i> , 2020 , 19, 1915-1930	1.9	10
209	An investigation of fractional Bagley-Torvik equation. <i>Open Mathematics</i> , 2019 , 17, 499-512	0.8	9
208	Solvability of an elliptic partial differential equation with boundary condition involving fractional derivatives. <i>Complex Variables and Elliptic Equations</i> , 2014 , 59, 680-692	0.5	9
207	Rapid convergence of the iterative technique for first order initial value problems. <i>Applied Mathematics and Computation</i> , 1997 , 87, 217-226	2.7	9
206	A MATHEMATICAL MODEL OF ANEURYSM OF CIRCLE OF WILLIS. <i>Journal of Biological Systems</i> , 1995 , 03, 653-659	1.6	9

205	Singular Boundary Value Problems for Ordinary Differential Equations. <i>Boundary Value Problems</i> , 2009 , 2009, 1-2	2.1	9
204	Existence of solution to a periodic boundary value problem for a nonlinear impulsive fractional differential equation. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2014 , 1-27	0.5	9
203	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
202	Random fixed point theorems in partially ordered metric spaces. <i>Fixed Point Theory and Applications</i> , 2016 , 2016,	1.4	8
201	On quasi-periodic properties of fractional sums and fractional differences of periodic functions. <i>Applied Mathematics and Computation</i> , 2016 , 273, 190-200	2.7	8
200	On quasi-periodicity properties of fractional integrals and fractional derivatives of periodic functions. <i>Integral Transforms and Special Functions</i> , 2016 , 27, 1-16	1	8
199	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 , 2019,	3.6	8
198	On Antiperiodic Nonlocal Three-Point Boundary Value Problems for Nonlinear Fractional Differential Equations. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-7	1.1	8
197	A nonlocal three-point inclusion problem of Langevin equation with two different fractional orders. <i>Advances in Difference Equations</i> , 2012 , 2012,	3.6	8
196	Solution set for fractional differential equations with Riemann-Liouville derivative. <i>Fractional Calculus and Applied Analysis</i> , 2013 , 16,	2.7	8
195	A New Maximum Principle for Impulsive First-Order Problems. <i>International Journal of Theoretical Physics</i> , 1998 , 37, 1607-1616	1.1	8
194	A generalized upper and lower solutions method for nonlinear second order ordinary differential equations. <i>Journal of Applied Mathematics and Stochastic Analysis</i> , 1992 , 5, 157-165		8
193	Periodic solutions of nonlinear parabolic equations. <i>Journal of Differential Equations</i> , 1985 , 60, 90-102	2.1	8
192	Fractional differential equations with nonlocal (parametric type) anti-periodic boundary conditions. <i>Filomat</i> , 2017 , 31, 1207-1214	0.7	8
191	A comparison result for a linear differential equation with piecewise constant delay. <i>Glasnik Matematički</i> , 2004 , 39, 73-76	0.4	8
190	Comparison results for periodic boundary value problem of fractional differential equations. <i>Fractional Differential Calculus</i> , 2011 , 99-104	1.5	8
189	Anti-periodic boundary value problem for nonlinear first order ordinary differential equations. <i>Mathematical Inequalities and Applications</i> , 2003 , 477-485	1.2	8
188	Determination in Galicia of the required beds at Intensive Care Units. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 559-564	6.1	8

187	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
186	Power series solution of the fractional logistic equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 573, 125947	3.3	8
185	Solution of a fractional logistic ordinary differential equation. <i>Applied Mathematics Letters</i> , 2022 , 123, 107568	3.5	8
184	Controllability and optimality of linear time-invariant neutral control systems with different fractional orders. <i>Acta Mathematica Scientia</i> , 2015 , 35, 1003-1013	0.7	7
183	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
182	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
181	Impulsive perturbation and bifurcation of solutions for a model of chemostat with variable yield. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2009 , 30, 933-944	3.2	7
180	Runge-Kutta methods for first-order periodic boundary value differential equations with piecewise constant arguments. <i>Journal of Computational and Applied Mathematics</i> , 2009 , 233, 990-1004	2.4	7
179	Quadratic approximation of solutions for ordinary differential equations. <i>Bulletin of the Australian Mathematical Society</i> , 1997 , 55, 161-168	0.4	7
178	An existence result about periodic boundary value problems of second order differential equations. <i>Applicable Analysis</i> , 1991 , 40, 1-10	0.8	7
177	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
176	Dynamics of the fuzzy logistic family. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2010 , 14, 699-717	1.3	7
175	Langevin Equation Involving Three Fractional Orders. <i>Journal of Statistical Physics</i> , 2020 , 178, 986-995	1.5	7
174	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
173	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
172	Power-series solution of compartmental epidemiological models. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 3274-3290	2.1	7
171	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
170	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

169	GreenĀ function for first-order multipoint boundary value problems and applications to the existence of solutions with constant sign. <i>Journal of Mathematical Analysis and Applications</i> , 2012 , 388, 952-963	1.1	6
168	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
167	Existence and Stability of Solutions for Hadamard-Stieltjes Fractional Integral Equations. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-6	1.1	6
166	Extremal Solutions and Relaxation Problems for Fractional Differential Inclusions. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-9	0.7	6
165	Nonsmooth multiple-objective optimization in separable Hilbert spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 4553-4558	1.3	6
164	Solvability of nonlinear Volterra and Fredholm equations in weighted spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1995 , 24, 1289-1297	1.3	6
163	Hukuhara-Kneser property for a nonlinear Dirichlet problem. <i>Journal of Mathematical Analysis and Applications</i> , 1987 , 128, 57-63	1.1	6
162	Global attractivity for some classes of Riemann-Liouville fractional differential systems. <i>Journal of Integral Equations and Applications</i> , 2019 , 31,	1.2	6
161	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
160	Pseudo almost automorphic and weighted pseudo almost automorphic mild solutions to a partial functional differential equation in Banach spaces. <i>Journal of Nonlinear Science and Applications</i> , 2012 , 05, 14-26	1.9	6
159	Nonlinear sequential fractional differential equations in partially ordered spaces. <i>Filomat</i> , 2018 , 32, 4577-4586	1.4	6
158	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
157	On stability of stochastic differential equations with random impulses driven by Poisson jumps. <i>Stochastics</i> , 2021 , 93, 682-696	0.6	6
156	Interdisciplinary Approaches to COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1318, 923-936	3.6	6
155	Approximating Solution of Fabrizio-Caputo VolterraĀ 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
154	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
153	A Novel Technique to Solve the Fuzzy System of Equations. <i>Mathematics</i> , 2020 , 8, 850	2.3	5
152	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

151	Coexistence in exotic scenarios of a modified Abrams-Strogatz model. <i>Complexity</i> , 2016 , 21, 86-93	1.6	5
150	Variational approach to impulsive evolution equations. <i>Applied Mathematics Letters</i> , 2014 , 36, 31-35	3.5	5
149	On homoclinic orbits for a class of damped vibration systems. <i>Advances in Difference Equations</i> , 2012 , 2012,	3.6	5
148	A Numerical Method for Fuzzy Differential Equations and Hybrid Fuzzy Differential Equations. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-10	0.7	5
147	Global Existence for Functional Differential Equations with State-Dependent Delay. <i>Journal of Function Spaces and Applications</i> , 2013 , 2013, 1-7		5
146	On Exact Controllability of First-Order Impulsive Differential Equations. <i>Advances in Difference Equations</i> , 2010 , 2010, 1-10	3.6	5
145	ON AN ANALOGUE OF THE HOLMGREN'S PROBLEM FOR 3D SINGULAR ELLIPTIC EQUATION. <i>Asian-European Journal of Mathematics</i> , 2012 , 05, 1250021	0.4	5
144	Recent Existence Results for Second-Order Singular Periodic Differential Equations. <i>Boundary Value Problems</i> , 2009 , 2009, 1-20	2.1	5
143	Existence of periodic solutions for first order differential equations. <i>Applied Mathematics and Computation</i> , 1984 , 15, 221-232	2.7	5
142	Existence of solutions in a cone for nonlinear alternative problems. <i>Proceedings of the American Mathematical Society</i> , 1985 , 94, 433-433	0.8	5
141	Fixed point theorems in generalized Banach algebras and applications. <i>Fixed Point Theory</i> , 2018 , 19, 707-732		5
140	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
139	Basic Control Theory for Linear Fractional Differential Equations With Constant Coefficients. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	5
138	Caputo-Fabrizio fractional differential equations with instantaneous impulses. <i>AIMS Mathematics</i> , 2021 , 6, 2932-2946	2.2	5
137	On the linear fuzzy model associated with Caputo-Fabrizio operator. <i>Boundary Value Problems</i> , 2018 , 2018,	2.1	5
136	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
135	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
134	Rich Dynamics of a Predator-Prey System with Different Kinds of Functional Responses. <i>Complexity</i> , 2020 , 2020, 1-19	1.6	4

133	The number of reduced alignments between two DNA sequences. <i>BMC Bioinformatics</i> , 2014 , 15, 94	3.6	4
132	Fixed point theory approach to boundary value problems for second-order difference equations on non-uniform lattices. <i>Advances in Difference Equations</i> , 2014 , 2014, 14	3.6	4
131	On Fractional Orthonormal Polynomials of a Discrete Variable. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-7	1.1	4
130	Periodic boundary value problems for second order functional differential equations. <i>Journal of Applied Mathematics and Computing</i> , 2011 , 36, 173-186	1.8	4
129	Multiple Positive Solutions of the Singular Boundary Value Problem for Second-Order Impulsive Differential Equations on the Half-Line. <i>Boundary Value Problems</i> , 2010 , 2010, 281908	2.1	4
128	Almost Periodic and Pseudo Almost Periodic Mild Solutions to a Partial Differential Equation VIA Fractional Operators. <i>Numerical Functional Analysis and Optimization</i> , 2011 , 32, 1219-1238	1	4
127	Approximation of solutions for an initial and terminal value problem for the forced Duffing equation with non-viscous damping. <i>Applied Mathematics and Computation</i> , 2010 , 216, 2129-2136	2.7	4
126	Periodic solutions of second order nonlinear differential equations. <i>Acta Mathematica Hungarica</i> , 1986 , 48, 59-66	0.8	4
125	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
124	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
123	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
122	Invariant solutions of hyperbolic fuzzy fractional differential equations. <i>Modern Physics Letters B</i> , 2020 , 34, 2050015	1.6	4
121	Finite-time stability and stabilization for time-varying systems. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111076	9.3	4
120	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
119	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
118	Numerical solution of fuzzy boundary value problems using Galerkin method. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017 , 42, 45-61	1	3
117	Solving implicit mathematical programs with fuzzy variational inequality constraints based on the method of centres with entropic regularization. <i>Fuzzy Optimization and Decision Making</i> , 2015 , 14, 493-511	5.1	3
116	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

115	Existence of a solution for a three-point boundary value problem for a second-order differential equation at resonance. <i>Boundary Value Problems</i> , 2013 , 2013,	2.1	3
114	On a q-fractional variant of nonlinear Langevin equation of different orders. <i>Journal of Contemporary Mathematical Analysis</i> , 2014 , 49, 277-286	0.3	3
113	Second-order linear differential equations with piecewise constant arguments subject to nonlocal boundary conditions. <i>Applied Mathematics and Computation</i> , 2012 , 218, 9647-9656	2.7	3
112	Dynamic Analysis of a Two-Language Competitive Model with Control Strategies. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	3
111	Green's Function for the Periodic Boundary Value Problem Related to a First-order Impulsive Differential Equation and Applications to Functional Problems. <i>Differential Equations and Dynamical Systems</i> , 2011 , 19, 199-210	0.8	3
110	Upper and lower solutions method for fuzzy differential equations. <i>Boletín De La Sociedad Española De Matemática Aplicada</i> , 2010 , 51, 125-132		3
109	Existence and uniqueness results for fuzzy differential equations subject to boundary value conditions 2009 ,		3
108	Study of Solutions to Some Functional Differential Equations with Piecewise Constant Arguments. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-25	0.7	3
107	Fuzzy regression analysis: An application on tensile strength of materials and hardness scales. <i>Journal of Intelligent and Fuzzy Systems</i> , 2012 , 23, 177-186	1.6	3
106	A monotone iterative technique for stationary and time dependent problems in Banach spaces. <i>Journal of Computational and Applied Mathematics</i> , 2010 , 233, 2395-2404	2.4	3
105	Periodic boundary value problem for second order integro-ordinary differential equations with general kernel and Carathéodory nonlinearities. <i>International Journal of Mathematics and Mathematical Sciences</i> , 1995 , 18, 757-764	0.8	3
104	Periodic solutions for scalar liénard equations. <i>Acta Mathematica Hungarica</i> , 1991 , 57, 15-27	0.8	3
103	On the structure of the solution set for first order differential equations. <i>Applied Mathematics and Computation</i> , 1985 , 16, 177-187	2.7	3
102	Fractional-Order Logistic Differential Equation with Mittag-Leffler-Type Kernel. <i>Fractal and Fractional</i> , 2021 , 5, 273	3	3
101	Certain Generating Relations Involving the Generalized Multi-Index Bessel-Maitland Function. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-5	1.1	3
100	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	0.4	3
99	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
98	Periodic solutions for nonlinear fractional differential systems. <i>Differential Equations and Applications</i> , 2018 , 299-316	6.5	3

97	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
96	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
95	Existence and Compactness Results for a System of Fractional Differential Equations. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-12	0.8	3
94	Forecasting the Effects of the New SARS-CoV-2 Variant in Europe. <i>Scientific World Journal, The</i> , 2021 , 2021, 5553240	2.2	3
93	Non Trivial Coexistence Conditions for a Model of Language Competition Obtained by Bifurcation Theory. <i>Acta Applicandae Mathematicae</i> , 2016 , 146, 187-203	1.1	3
92	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
91	General Basset-Boussinesq-Oldroyd equation: existence, uniqueness, approximation and regularity of solutions. <i>International Journal of Computer Mathematics</i> , 2020 , 97, 1792-1805	1.2	3
90	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
89	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
88	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
87	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
86	Impulsive differential inclusions via variational method. <i>Georgian Mathematical Journal</i> , 2017 , 24, 313-323	3.5	2
85	Extended Type k-Mittag-Leffler Function and Its Applications. <i>International Journal of Applied and Computational Mathematics</i> , 2019 , 5, 1	1.3	2
84	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
83	Second order evolution equations with nonlocal conditions. <i>Demonstratio Mathematica</i> , 2017 , 50, 309-319	3.6	2
82	A class of differential equations of fractional order with multi-point boundary conditions. <i>Georgian Mathematical Journal</i> , 2014 ,	0.5	2
81	Existence Results for a Coupled System of Nonlinear Singular Fractional Differential Equations with Impulse Effects. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-21	1.1	2
80	Asymptotic Behavior of Solutions to Abstract Stochastic Fractional Partial Integrodifferential Equations. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-8	0.7	2

79	Comments on [The fuzzy polynucleotide space revisited] by Kazem Sadegh-Zadeh. <i>Artificial Intelligence in Medicine</i> , 2007 , 41, 81-82	7.4	2
78	Rapid convergence of approximate solutions for first order nonlinear boundary value problems. <i>International Journal of Mathematics and Mathematical Sciences</i> , 1998 , 21, 499-505	0.8	2
77	Periodic solutions of semilinear partial differential equations of parabolic type. <i>Annali Di Matematica Pura Ed Applicata</i> , 1987 , 148, 1-16	0.8	2
76	Problems at resonance for first and second order differential equations via Lyapunov-like functions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1983 , 7, 61-69	1.3	2
75	PERIODIC SOLUTIONS FOR THIRD ORDER NONLINEAR ORDINARY DIFFERENTIAL EQUATIONS 1992 , 463-470		2
74	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
73	Controllability of nonlinear fractional delay dynamical systems with prescribed controls. <i>Nonlinear Analysis: Modelling and Control</i> , 2018 , 1-18	1.3	2
72	Two finite q-Sturm-Liouville problems and their orthogonal polynomial solutions. <i>Filomat</i> , 2018 , 32, 231-244	2.4	2
71	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
70	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
69	UPPER AND LOWER SOLUTIONS METHOD FOR SECOND ORDER NONLINEAR FOUR POINT BOUNDARY VALUE PROBLEMS. <i>Journal of the Korean Mathematical Society</i> , 2006 , 43, 1253-1268		2
68	Oscillation of time fractional vector diffusion-wave equation with fractional damping. <i>Opuscula Mathematica</i> , 2020 , 40, 291	2.6	2
67	A Spatially Adaptive Edge-Preserving Denoising Method Based on Fractional-Order Variational PDEs. <i>IEEE Access</i> , 2020 , 8, 163115-163128	3.5	2
66	Dynamics and stability for Katugampola random fractional differential equations. <i>AIMS Mathematics</i> , 2021 , 6, 8654-8666	2.2	2
65	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
64	A new type of Taylor series expansion. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 116	2.1	2
63	Some deterministic and random fixed point theorems on a graph. <i>Random Operators and Stochastic Equations</i> , 2018 , 26, 211-224	0.3	2
62	On a Multipoint Fractional Boundary Value Problem in a Fractional Sobolev Space. <i>Differential Equations and Dynamical Systems</i> , 2018 , 1	0.8	2

61	Controllability of second-order differential equations with state-dependent delay. <i>IMA Journal of Mathematical Control and Information</i> ,	1.1	2
60	Chebyshev spectral method for solving fuzzy fractional Fredholm-Volterra integro-differential equation. <i>Mathematics and Computers in Simulation</i> , 2021 ,	3.3	2
59	A Contribution to the Study of Functional Differential Equations with Impulses 2000 , 218, 49		2
58	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
57	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
56	An extension of fuzzy topological approach for comparison of genetic sequences. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 29, 2259-2269	1.6	1
55	Advances on Integrodifferential Equations and Transforms. <i>Abstract and Applied Analysis</i> , 2015 , 2015, 1-2	0.7	1
54	Advanced Topics in Dynamics of Complex Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-1	1.1	1
53	Impulsive differential inclusions involving evolution operators in separable Banach spaces. <i>Ukrainian Mathematical Journal</i> , 2012 , 64, 991-1018	0.4	1
52	Long-Term and Short-Term Dynamics of <i>Microtus epiroticus</i> : A Yoccoz--Birkeland Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2012 , 11, 1499-1532	2.8	1
51	Some considerations on functional differential equations of advanced type. <i>Mathematische Nachrichten</i> , 2010 , 283, 1439-1455	0.8	1
50	Positive solutions of nonlinear problems at resonance. <i>Acta Mathematica Hungarica</i> , 1992 , 59, 339-344	0.8	1
49	Aronszajn's theorem for some nonlinear Dirichlet problems with unbounded nonlinearities. <i>Proceedings of the Edinburgh Mathematical Society</i> , 1988 , 31, 345-351	0.7	1
48	Existence of solutions of Dirichlet problems for one dimensional fractional equations. <i>AIMS Mathematics</i> , 2022 , 7, 6034-6049	2.2	1
47	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
46	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
45	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
44	Positive Periodic Solutions of Coupled Singular Rayleigh Systems. <i>Qualitative Theory of Dynamical Systems</i> , 2020 , 19, 1	0.8	1

43	Dissipativity of Fractional Navier-Stokes Equations with Variable Delay. <i>Mathematics</i> , 2020 , 8, 2037	2.3	1
42	Further Results on the Existence of Solutions for Generalized Fractional Basset-Boussinesq-Oseen Equation 2020 , 44, 1461-1467		1
41	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
40	Stochastic version of Henry type Gronwall's inequality. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2021 , 24, 2150013	0.6	1
39	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
38	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
37	Caputo-Fabrizio fractional differential equations with non instantaneous impulses. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 1	0.5	1
36	On solvability of differential equations with the Riesz fractional derivative. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	1
35	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
34	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
33	Cauchy-Peano theorem for Metric Dynamical Systems. <i>Information Sciences</i> , 2014 , 275, 267-283	7.7	0
32	Weak solutions for hyperbolic partial fractional differential equations in Banach spaces. <i>Afrika Matematika</i> , 2014 , 25, 605-615	0.7	0
31	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
30	Protected quantum teleportation through noisy channel by weak measurement and environment-assisted measurement. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	0
29	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
28	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
27	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
26	Existence and boundedness of solutions for systems of difference equations with infinite delay. <i>Glasnik Matematički</i> , 2018 , 53, 123-141	0.4	0

25	Fröhchet-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	o
24	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	o
23	Similarity solutions of fractional parabolic boundary value problems with uncertainty. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 102, 105926	3.7	o
22	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	o
21	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	o
20	Analytical solutions for fractional partial delay differential-algebraic equations with Dirichlet boundary conditions defined on a finite domain. <i>Fractional Calculus and Applied Analysis</i> , 1	2.7	o
19	The number of alignments between two DNA sequences. <i>International Journal of Biomathematics</i> , 2016 , 09, 1650053	1.8	
18	Multiple Positive Solutions for Quadratic Integral Equations of Fractional Order. <i>Journal of Function Spaces</i> , 2017 , 2017, 1-8	0.8	
17	Recent Trends in Boundary Value Problems 2014. <i>Abstract and Applied Analysis</i> , 2015 , 2015, 1-1	0.7	
16	Recent Trends in Boundary Value Problems. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-2	0.7	
15	On a New Class of Antiperiodic Fractional Boundary Value Problems. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-7	0.7	
14	Variational Methods and Critical Point Theory 2013. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-2	0.7	
13	Variational Methods and Critical Point Theory. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-2	0.7	
12	Stochastic Continuity and Random Differential Inequalities. <i>North-Holland Mathematics Studies</i> , 1985 , 110, 337-344		
11	On the existence of periodic solutions for a class of first order differential equations. <i>Applicable Analysis</i> , 1985 , 20, 103-106	0.8	
10	Some results on the $({}_pR_q(\lambda, \mu; z))$ function involving Pathway fractional integral operator and statistical distribution. <i>SeMA Journal</i> , 1	1.2	
9	Controlled singular evolution equations and Pontryagin type maximum principle with applications. <i>Evolution Equations and Control Theory</i> , 2021 ,	2	
8	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	

- 7 PBVPs for Ordinary Impulsive Differential Equations **2001**, 281-288
- 6 Stability by fixed point theory of impulsive differential equations with delay. *Annals of the West University of Timisoara: Mathematics and Computer Science*, **2019**, 57, 18-33 ○
- 5 Periodic solutions of quasi-differential equations. *Journal of Applied Mathematics and Stochastic Analysis*, **1996**, 9, 11-20
- 4 Periodic boundary value problems for impulsive integro-ordinary differential equations **1996**, 407-416
- 3 Fractional Calculus Approach to Logistic Equation and its Application. *Forum for Interdisciplinary Mathematics*, **2022**, 261-274 0.2
- 2 Quantum State Recovery Via Environment-assisted Measurement and Weak Measurement. *International Journal of Theoretical Physics*, **2022**, 61, 1 1.1
- 1 Examining the correlation between the weather conditions and COVID-19 pandemic in Galicia **2022**, 73-80