Ravi P Agarwal

List of Publications by Year
in descending order

470 papers	12,313 citations	66234 42 h-index	54797 84 g-index
493 all docs	493 docs citations	493 times ranked	3057 citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Existence Results for Boundary Value Problems of Nonlinear Fractional Differential Equations and Inclusions. Acta Applicandae Mathematicae, 2010, 109, 973-1033.	0.5	666
2	On the concept of solution for fractional differential equations with uncertainty. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 2859-2862.	0.6	541
3	Dynamic equations on time scales: a survey. Journal of Computational and Applied Mathematics, 2002, 141, 1-26.	1.1	472
4	Basic Calculus on Time Scales and some of its Applications. Resultate Der Mathematik, 1999, 35, 3-22.	0.2	409
5	Positive Solutions of Differential, Difference and Integral Equations. , 1999, , .		352
6	A study of fractional Lotka–Volterra population model using Haar wavelet and Adams–Bashforth–Moulton methods. Mathematical Methods in the Applied Sciences, 2020, 43, 5564-5578.	1.2	254
7	Oscillation Theory for Difference and Functional Differential Equations. , 2000, , .		250
8	Positive solutions for Dirichlet problems of singular nonlinear fractional differential equations. Journal of Mathematical Analysis and Applications, 2010, 371, 57-68.	0.5	210
9	Oscillation Theory for Second Order Linear, Half-Linear, Superlinear and Sublinear Dynamic Equations. , 2002, , .		174
10	Sturm-Liouville eigenvalue problems on time scales. Applied Mathematics and Computation, 1999, 99, 153-166.	1.4	159
11	Solutions of the Nonlinear Integral Equation and Fractional Differential Equation Using the Technique of a Fixed Point with a Numerical Experiment in Extended b-Metric Space. Symmetry, 2019, 11, 686.	1.1	141
12	A survey on fuzzy fractional differential and optimal control nonlocal evolution equations. Journal of Computational and Applied Mathematics, 2018, 339, 3-29.	1.1	134
13	Nonlinear fractional integro-differential equations on unbounded domains in a Banach space. Journal of Computational and Applied Mathematics, 2013, 249, 51-56.	1.1	131
14	Oscillation criteria for second-order nonlinear neutral delay dynamic equations. Journal of Mathematical Analysis and Applications, 2004, 300, 203-217.	0.5	127
15	Oscillation Criteria for Certain nth Order Differential Equations with Deviating Arguments. Journal of Mathematical Analysis and Applications, 2001, 262, 601-622.	0.5	118
16	A Survey on Semilinear Differential Equations and Inclusions Involving Riemann-Liouville Fractional Derivative. Advances in Difference Equations, 2009, 2009, 1-47.	3.5	116
17	Nonlocal Hadamard fractional boundary value problem with Hadamard integral and discrete boundary conditions on a half-line. Journal of Computational and Applied Mathematics, 2018, 343, 230-239.	1.1	116
18	Weighted pseudo-almost periodic solutions of a class of semilinear fractional differential equations. Nonlinear Analysis: Real World Applications, 2010, 11, 3532-3554.	0.9	115

#	Article	IF	Citations
19	Interpolative Reich–Rus–Ćirić Type Contractions on Partial Metric Spaces. Mathematics, 2018, 6, 256.	1.1	110
20	Nonlinear boundary value problems on time scales. Nonlinear Analysis: Theory, Methods & Applications, 2001, 44, 527-535.	0.6	106
21	Some remarks on oscillation of second order neutral differential equations. Applied Mathematics and Computation, 2016, 274, 178-181.	1.4	106
22	Multiple nonnegative solutions for second order impulsive differential equations. Applied Mathematics and Computation, 2000, 114, 51-59.	1.4	103
23	On the oscillation of fractional differential equations. Fractional Calculus and Applied Analysis, 2012, 15, 222-231.	1.2	102
24	Existence results and the monotone iterative technique for systems of nonlinear fractional differential equations. Applied Mathematics Letters, 2012, 25, 1019-1024.	1.5	101
25	Dynamic Inequalities On Time Scales. , 2014, , .		96
26	New results for oscillatory behavior of even-order half-linear delay differential equations. Applied Mathematics Letters, 2013, 26, 179-183.	1.5	91
27	Fuzzy fractional integral equations under compactness type condition. Fractional Calculus and Applied Analysis, 2012, 15, 572-590.	1.2	85
28	A Survey of Lyapunov Functions, Stability and Impulsive Caputo Fractional Differential Equations. Fractional Calculus and Applied Analysis, 2016, 19, 290-318.	1.2	84
29	Oscillation of second-order strongly superlinear and strongly sublinear dynamic equations. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3463-3471.	1.7	80
30	On the oscillation of second-order half-linear dynamic equations1. Journal of Difference Equations and Applications, 2009, 15, 451-460.	0.7	79
31	Positive solutions for mixed problems of singular fractional differential equations. Mathematische Nachrichten, 2012, 285, 27-41.	0.4	79
32	A new approach in the study of oscillatory behavior of even-order neutral delay differential equations. Applied Mathematics and Computation, 2013, 225, 787-794.	1.4	79
33	Existence Theory for Single and Multiple Solutions to Singular Positone Boundary Value Problems. Journal of Differential Equations, 2001, 175, 393-414.	1.1	75
34	Nonlinear Neutral Delay Differential Equations of Fourth-Order: Oscillation of Solutions. Entropy, 2021, 23, 129.	1.1	64
35	Stability of Caputo fractional differential equations by Lyapunov functions. Applications of Mathematics, 2015, 60, 653-676.	0.9	63
36	On the Application of Measure of Noncompactness to the Existence of Solutions for Fractional Differential Equations. Results in Mathematics, 2009, 55, 221-230.	0.4	62

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37	The incomplete Pochhammer symbols and their applications to hypergeometric and related functions. Integral Transforms and Special Functions, 2012, 23, 659-683.	0.8	62
38	A Regularity Criterion in Weak Spaces to Boussinesq Equations. Mathematics, 2020, 8, 920.	1.1	56
39	Fractional functional differential equations with causal operators in Banach spaces. Mathematical and Computer Modelling, 2011, 54, 1440-1452.	2.0	55
40	Non-Instantaneous Impulses in Differential Equations. , 2017, , .		55
41	Twin Solutions to Singular Dirichlet Problems. Journal of Mathematical Analysis and Applications, 1999, 240, 433-445.	0.5	52
42	Unbounded solutions for singular boundary value problems on the semi-infinite interval: Upper and lower solutions and multiplicity. Journal of Computational and Applied Mathematics, 2006, 197, 365-386.	1.1	49
43	Oscillation criteria for second-order dynamic equations on time scales. Applied Mathematics Letters, 2014, 31, 34-40.	1.5	49
44	Almost periodic solution for a new type of neutral impulsive stochastic Lasota–Wazewska timescale model. Applied Mathematics Letters, 2017, 70, 58-65.	1.5	47
45	A survey: F-contractions with related fixed point results. Journal of Fixed Point Theory and Applications, 2020, 22, 1.	0.6	46
46	Local Fractional Fourier Series with Application to Wave Equation in Fractal Vibrating String. Abstract and Applied Analysis, 2012, 2012, 1-15.	0.3	45
47	Oscillation results for fourth-order nonlinear dynamic equations. Applied Mathematics Letters, 2012, 25, 2058-2065.	1.5	44
48	Almost periodic dynamics for impulsive delay neural networks of a general type on almost periodic time scales. Communications in Nonlinear Science and Numerical Simulation, 2016, 36, 238-251.	1.7	42
49	Stability by Lyapunov like functions of nonlinear differential equations with non-instantaneous impulses. Journal of Applied Mathematics and Computing, 2017, 53, 147-168.	1.2	42
50	Oscillation of fourth-order delay dynamic equations. Science China Mathematics, 2015, 58, 143-160.	0.8	41
51	Oscillation results for second-order nonlinear neutral delay dynamic equations on time scales. Applicable Analysis, 2007, 86, 1-17.	0.6	40
52	Hille and Nehari type criteria for third-order delay dynamic equations. Journal of Difference Equations and Applications, 2013, 19, 1563-1579.	0.7	40
53	Oscillation of second-order Emden–Fowler neutral delay differential equations. Annali Di Matematica Pura Ed Applicata, 2014, 193, 1861-1875.	0.5	40
54	Viability theory and fuzzy differential equations. Fuzzy Sets and Systems, 2005, 151, 563-580.	1.6	39

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55	Fractional Sums and Differences with Binomial Coefficients. Discrete Dynamics in Nature and Society, 2013, 2013, 1-6.	0.5	39
56	Oscillation of Second-Order Nonlinear Neutral Dynamic Equations with Noncanonical Operators. Bulletin of the Malaysian Mathematical Sciences Society, 2015, 38, 761-778.	0.4	39
57	Existence results for coupled nonlinear fractional differential equations equipped with nonlocal coupled flux and multi-point boundary conditions. Chaos, Solitons and Fractals, 2017, 102, 149-161.	2.5	39
58	Analysis of the Time Fractional-Order Coupled Burgers Equations with Non-Singular Kernel Operators. Mathematics, 2021, 9, 2326.	1.1	39
59	Oscillation and asymptotic behavior of third-order nonlinear retarded dynamic equations. Applied Mathematics and Computation, 2012, 219, 3600-3609.	1.4	38
60	Non-Instantaneous Impulses in Caputo Fractional Differential Equations. Fractional Calculus and Applied Analysis, 2017, 20, 595-622.	1.2	38
61	Eigenvalues of boundary value problems for higher order differential equations. Mathematical Problems in Engineering, 1996, 2, 401-434.	0.6	37
62	Oscillation of second-order damped dynamic equations on time scales. Journal of Mathematical Analysis and Applications, 2007, 330, 1317-1337.	0.5	37
63	Generalized Projection Algorithms for Nonlinear Operators. Numerical Functional Analysis and Optimization, 2007, 28, 1197-1215.	0.6	36
64	On Caputo type sequential fractional differential equations with nonlocal integral boundary conditions. Advances in Difference Equations, 2015, 2015, .	3.5	36
65	On the solution of fractional modified Boussinesq and approximate long wave equations with non-singular kernel operators. AIMS Mathematics, 2022, 7, 12483-12513.	0.7	36
66	On the asymptotic integration of nonlinear differential equations. Journal of Computational and Applied Mathematics, 2007, 202, 352-376.	1.1	35
67	Uniformly rd-piecewise almost periodic functions with applications to the analysis of impulsive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="normal">Î"</mml:mi></mml:mrow></mml:math>-dynamic system on time scales. Applied Mathematics and Computation, 2015, 259, 271-292.	1.4	35
68	Mathematical analysis of giving up smoking model via harmonic mean type incidence rate. Applied Mathematics and Computation, 2019, 354, 128-148.	1.4	35
69	An Analytical Technique, Based on Natural Transform to Solve Fractional-Order Parabolic Equations. Entropy, 2021, 23, 1086.	1.1	35
70	Weighted piecewise pseudo almost automorphic functions with applications to abstract impulsive â^‡-dynamic equations on time scales. Advances in Difference Equations, 2014, 2014, .	3.5	34
71	Further fixed point results on G-metric spaces. Fixed Point Theory and Applications, 2013, 2013, .	1.1	33
72	Generalized Hardy, Copson, Leindler and Bennett inequalities on time scales. Mathematische Nachrichten, 2014, 287, 686-698.	0.4	33

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73	Fractional calculus and fractional differential equations in nonreflexive Banach spaces. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 59-73.	1.7	33
74	Multiple positive solutions of singular Dirichlet problems on time scales via variational methods. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 368-381.	0.6	32
75	Noninstantaneous impulses in Caputo fractional differential equations and practical stability via Lyapunov functions. Journal of the Franklin Institute, 2017, 354, 3097-3119.	1.9	32
76	Monotone iterative technique for the initial value problem for differential equations with non-instantaneous impulses. Applied Mathematics and Computation, 2017, 298, 45-56.	1.4	32
77	Time scale boundary value problems on infinite intervals. Journal of Computational and Applied Mathematics, 2002, 141, 27-34.	1.1	31
78	Calculus of fuzzy vector-valued functions and almost periodic fuzzy vector-valued functions on time scales. Fuzzy Sets and Systems, 2019, 375, 1-52.	1.6	31
79	Positive solutions and eigenvalues of conjugate boundary value problems. Proceedings of the Edinburgh Mathematical Society, 1999, 42, 349-374.	0.2	30
80	Twin solutions to singular boundary value problems. Proceedings of the American Mathematical Society, 2000, 128, 2085-2094.	0.4	30
81	Fixed Point Theory for Generalized Contractions on Spaces with Two Metrics. Journal of Mathematical Analysis and Applications, 2000, 248, 402-414.	0.5	30
82	On the oscillation of certain second order nonlinear dynamic equations. Mathematical and Computer Modelling, 2009, 50, 273-286.	2.0	30
83	Nonlocal nonlinear integrodifferential equations of fractional orders. Boundary Value Problems, 2012, 2012, .	0.3	30
84	On Hilbert's inequality on time scales. Applicable Analysis and Discrete Mathematics, 2017, 11, 399-423.	0.3	30
85	Nonpositone discrete boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2000, 39, 207-215.	0.6	29
86	A survey on oscillation of impulsive delay differential equations. Computers and Mathematics With Applications, 2010, 60, 1648-1685.	1.4	29
87	Remarks on some coupled fixed point theorems in G-metric spaces. Fixed Point Theory and Applications, 2013, 2013, .	1.1	29
88	Almost periodic oscillations for delay impulsive stochastic Nicholson's blowflies timescale model. Computational and Applied Mathematics, 2018, 37, 3005-3026.	1.3	29
89	F-contraction mappings on metric-like spaces in connection with integral equations on time scales. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	29
90	Oscillation theorems for second-order nonlinear neutral delay dynamic equations on time scales. Acta Mathematica Sinica, English Series, 2008, 24, 1409-1432.	0.2	28

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91	Some new versions of fractional boundary value problems with slit-strips conditions. Boundary Value Problems, 2014, 2014, .	0.3	28
92	Lyapunov-type inequalities for mixed non-linear forced differential equations within conformable derivatives. Journal of Inequalities and Applications, 2018, 2018, 143.	0.5	28
93	FIXED POINT THEORY FOR MULTIMAPS IN EXTENSION TYPE SPACES. Journal of the Korean Mathematical Society, 2002, 39, 579-591.	0.4	28
94	Common fixed point theorems for a pair of countably condensing mappings in ordered banach spaces. Journal of Applied Mathematics and Stochastic Analysis, 2003, 16, 243-248.	0.3	27
95	Stability and dynamics analysis of time delayed eutrophication ecological model based upon the Zeya reservoir. Mathematics and Computers in Simulation, 2014, 97, 53-67.	2.4	27
96	Periodicity, almost periodicity for time scales and related functions. Nonautonomous Dynamical Systems, 2016, 3, 24-41.	0.3	27
97	Study on the generalized (p , q) (p,q) -Laplacian elliptic systems, parabolic systems and integro-differential systems. Boundary Value Problems, 2016, 2016, .	0.3	27
98	On eigenvalue intervals and twin eigenfunctions of higher-order boundary value problems. Journal of Computational and Applied Mathematics, 1998, 88, 15-43.	1.1	26
99	Existence of positive solutions for non-positive higher-order BVPs. Journal of Computational and Applied Mathematics, 1998, 88, 3-14.	1.1	26
100	Asymptotic Behavior of a Class of Nonlinear Delay Difference Equations. Journal of Difference Equations and Applications, 2002, 8, 719-728.	0.7	26
101	Existence of solutions to nonlinear Neumann boundary value problems with generalized <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.else. Computers and	1.4	26
102	Shrinking Projection Methods for a Pair of Asymptotically Quasi-Ï†-Nonexpansive Mappings. Numerical Functional Analysis and Optimization, 2010, 31, 1072-1089.	0.6	26
103	Stability analysis and robust synchronization of fractional€order competitive neural networks with different time scales and impulsive perturbations. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1635-1660.	2.3	26
104	Solutions in weighted spaces of singular boundary value problems on the half-line. Journal of Computational and Applied Mathematics, 2007, 205, 751-763.	1.1	25
105	Practical stability with respect to initial time difference for Caputo fractional differential equations. Communications in Nonlinear Science and Numerical Simulation, 2017, 42, 106-120.	1.7	25
106	Threshold dynamics and optimal control of an age-structured giving up smoking model. Nonlinear Analysis: Real World Applications, 2018, 43, 96-120.	0.9	25
107	Eigenvalue characterization for (n Â· p) boundary-value problems. Journal of the Australian Mathematical Society Series B Applied Mathematics, 1998, 39, 386-407.	0.3	24
108	Homoclinic orbits for a singular second-order neutral differential equation. Journal of Mathematical Analysis and Applications, 2010, 366, 550-560.	0.5	24

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109	Oscillatory behavior of second-order half-linear damped dynamic equations. Applied Mathematics and Computation, 2015, 254, 408-418.	1.4	24
110	New generalizations of Popoviciu-type inequalities via new Green's functions and Montgomery identity. Journal of Inequalities and Applications, 2017, 2017, 108.	0.5	24
111	Existence and concentration of positive ground state solutions for nonlinear fractional Schrödinger–Poisson system with critical growth. Mathematical Methods in the Applied Sciences, 2018, 41, 8258-8293.	1.2	24
112	Positive Solutions for a Semipositone Singular Riemann–Liouville Fractional Differential Problem. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 823-831.	0.4	24
113	On Confinement and Quarantine Concerns on an SEIAR Epidemic Model with Simulated Parameterizations for the COVID-19 Pandemic. Symmetry, 2020, 12, 1646.	1.1	23
114	Further results on asymptotic and finite-time stability analysis of fractional-order time-delayed genetic regulatory networks. Neurocomputing, 2022, 475, 26-37.	3.5	23
115	On boundary value problems for second order discrete systems. Applicable Analysis, 1985, 20, 1-17.	0.6	22
116	Extension of continuous and discrete inequalities due to Eloe and Henderson. Nonlinear Analysis: Theory, Methods & Applications, 1998, 34, 479-487.	0.6	22
117	New Kamenev-type oscillation criteria for second-order nonlinear advanced dynamic equations. Applied Mathematics and Computation, 2013, 225, 822-828.	1.4	22
118	Oscillation Theorems for Fourth-Order Half-Linear Delay Dynamic Equations with Damping. Mediterranean Journal of Mathematics, 2014, 11, 463-475.	0.4	22
119	Even-order half-linear advanced differential equations: improved criteria in oscillatory and asymptotic properties. Applied Mathematics and Computation, 2015, 266, 481-490.	1.4	22
120	Lyapunov type inequalities for mixed nonlinear Riemann–Liouville fractional differential equations with a forcing term. Journal of Computational and Applied Mathematics, 2017, 314, 69-78.	1.1	22
121	Adomian Decomposition and Fractional Power Series Solution of a Class of Nonlinear Fractional Differential Equations. Mathematics, 2021, 9, 1070.	1.1	22
122	Semilinear functional difference equations with infinite delay. Mathematical and Computer Modelling, 2012, 55, 1083-1105.	2.0	21
123	Dynamic inequalities of Hardy and Copson type on time scales. Analysis (Germany), 2014, 34, 391-402.	0.2	21
124	Relatively dense sets, corrected uniformly almost periodic functions on time scales, and generalizations. Advances in Difference Equations, 2015, 2015, .	3.5	21
125	A New Approach to the Solution of Non-Linear Integral Equations via Various FBe-Contractions. Symmetry, 2019, 11, 206.	1.1	21
126	Fractional Hybrid Differential Equations and Coupled Fixed-Point Results for α-Admissible $F_{(\Psi_1, \Psi_2)}$ $\hat{\Gamma}$-Contractions. Discrete Dynamics in Nature and Society, 2020, 2020, 1-13.	0.5	21

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127	Stability of Generalized Proportional Caputo Fractional Differential Equations by Lyapunov Functions. Fractal and Fractional, 2022, 6, 34.	1.6	21
128	Changing-periodic time scales and decomposition theorems of time scales with applications to functions with local almost periodicity and automorphy. Advances in Difference Equations, 2015, 2015, .	3.5	20
129	Darbo type fixed and coupled fixed point results and its application to integral equation. Periodica Mathematica Hungarica, 2018, 77, 94-107.	0.5	20
130	Multi-weighted Complex Structure on Fractional Order Coupled Neural Networks with Linear Coupling Delay: A Robust Synchronization Problem. Neural Processing Letters, 2020, 51, 2453-2479.	2.0	20
131	Commutativity of quaternionâ€matrixâ€"valued functions and quaternion matrix dynamic equations on time scales. Studies in Applied Mathematics, 2021, 146, 139-210.	1.1	20
132	Quasilinearization and approximate quasilinearization for lidstone boundary value problems. International Journal of Computer Mathematics, 1992, 42, 99-116.	1.0	19
133	Existence of solutions for singular boundary problems for higher order differential equations. Milan Journal of Mathematics, 1995, 65, 249-264.	0.1	19
134	Solving two point boundary value problems by interpolatory subdivision algorithms. International Journal of Computer Mathematics, 1996, 60, 279-294.	1.0	19
135	Matrix measure on time scales and almost periodic analysis of the impulsive Lasotaâ€"Wazewska model with patch structure and forced perturbations. Mathematical Methods in the Applied Sciences, 2016, 39, 5651-5669.	1.2	19
136	Optimal control & dynamical aspects of a stochastic pine wilt disease model. Journal of the Franklin Institute, 2019, 356, 3991-4025.	1.9	19
137	A Review on a Class of Second Order Nonlinear Singular BVPs. Mathematics, 2020, 8, 1045.	1.1	19
138	Mixed monotone-generalized contractions in partially ordered probabilistic metric spaces. Fixed Point Theory and Applications, 2011, 2011, .	1.1	18
139	Strict stability in terms of two measures for impulsive differential equations with â€˜supremumâ€™. Applicable Analysis, 2012, 91, 1379-1392.	0.6	18
140	A Unifying Approach to Variational Relation Problems. Journal of Optimization Theory and Applications, 2012, 155, 417-429.	0.8	18
141	A Schauder fixed point theorem in semilinear spaces and applications. Fixed Point Theory and Applications, 2013, 2013, 306.	1.1	18
142	Lyapunov functions and strict stability of Caputo fractional differential equations. Advances in Difference Equations, 2015, 2015, .	3.5	18
143	A classification of time scales and analysis of the general delays on time scales with applications. Mathematical Methods in the Applied Sciences, 2016, 39, 1568-1590.	1.2	18
144	Opial's and wirtinger's type discrete inequalities in two independent variables. Applicable Analysis, 1992, 43, 47-62.	0.6	17

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145	Superlinear and sublinear focal boundary value problems. Applicable Analysis, 1996, 60, 189-200.	0.6	17
146	Nonâ€linear boundary value problems on the semiâ€infinite interval: an upper and lower solution approach. Mathematika, 2002, 49, 129-140.	0.3	17
147	On the oscillation of certain functional differential equations via comparison methods. Journal of Mathematical Analysis and Applications, 2003, 286, 577-600.	0.5	17
148	Controllability for a class of integro-differential evolution equations involving non-local initial conditions. International Journal of Control, 2017, 90, 2567-2574.	1.2	16
149	Iterative techniques for the initial value problem for Caputo fractional differential equations with non-instantaneous impulses. Applied Mathematics and Computation, 2018, 334, 407-421.	1.4	16
150	Passivity Analysis for Uncertain BAM Neural Networks with Leakage, Discrete and Distributed Delays Using Novel Summation Inequality. International Journal of Control, Automation and Systems, 2019, 17, 2114-2124.	1.6	16
151	A regularity criterion of the 3D MHD equations involving one velocity and one current density component in Lorentz space. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	0.7	16
152	Existence of multiple positive solutions of discrete two-point. Journal of Difference Equations and Applications, 1999, 5, 517-540.	0.7	15
153	Birth, growth and computation of pi to ten trillion digits. Advances in Difference Equations, 2013, 2013, .	3.5	15
154	Almost automorphy profile of solutions for difference equations of Volterra type. Journal of Applied Mathematics and Computing, 2013, 42, 1-18.	1.2	15
155	Inequalities of Hardy type and generalizations on time scales. Analysis (Germany), 2018, 38, 47-62.	0.2	15
156	Mathematical Analysis of Oxygen Uptake Rate in Continuous Process under Caputo Derivative. Mathematics, 2021, 9, 675.	1.1	15
157	On Convexity, Monotonicity and Positivity Analysis for Discrete Fractional Operators Defined Using Exponential Kernels. Fractal and Fractional, 2022, 6, 55.	1.6	15
158	A Reliable Way to Deal with Fractional-Order Equations That Describe the Unsteady Flow of a Polytropic Gas. Mathematics, 2022, 10, 2293.	1.1	15
159	Fixed point theorems in partially ordered Banach spaces with applications to nonlinear fractional evolution equations. Journal of Fixed Point Theory and Applications, 2017, 19, 1661-1678.	0.6	14
160	A higher integrability theorem from a reverse weighted inequality. Bulletin of the London Mathematical Society, 2019, 51, 967-977.	0.4	14
161	On an impulsive hybrid system of conformable fractional differential equations with boundary conditions. International Journal of Systems Science, 2020, 51, 958-970.	3.7	14
162	Hyers-Ulam-Rassias stability of high-dimensional quaternion impulsive fuzzy dynamic equations on time scales. Discrete and Continuous Dynamical Systems - Series S, 2022, 15, 359.	0.6	14

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163	EXISTENCE RESULTS FOR A COUPLED SYSTEM OF NONLINEAR FRACTIONAL q-INTEGRO-DIFFERENCE EQUATIONS WITH q-INTEGRAL-COUPLED BOUNDARY CONDITIONS. Fractals, 2022, 30, .	1.8	14
164	Quadratic Lyapunov Functions for Stability of the Generalized Proportional Fractional Differential Equations with Applications to Neural Networks. Axioms, 2021, 10, 322.	0.9	14
165	On the Oscillation of Certain Second Order Differential Equations. Georgian Mathematical Journal, 2000, 7, 201-213.	0.2	13
166	Periodic solutions to nonlinear integral equations on the infinite interval modelling infectious disease. Nonlinear Analysis: Theory, Methods & Applications, 2000, 40, 21-35.	0.6	13
167	Interval oscillation criteria for a forced second order nonlinear ordinary differential equation. Applicable Analysis, 2000, 75, 341-347.	0.6	13
168	A Survey of Recent Results for Initial and Boundary Value Problems Singular in the Dependent Variable. Handbook of Differential Equations: Ordinary Differential Equations, 2004, 1, 1-68.	0.2	13
169	Piecewise complementary Lidstone interpolation and error inequalities. Journal of Computational and Applied Mathematics, 2010, 234, 2543-2561.	1.1	13
170	Existence of subharmonic solutions and homoclinic orbits for a class of even higher order differential equations. Applicable Analysis, 2011, 90, 1169-1183.	0.6	13
171	Quasilinearization for initial value problems involving differential equations with â€œmaximaâ€. Mathematical and Computer Modelling, 2012, 55, 2096-2105.	2.0	13
172	On exponential stability of second order delay differential equations. Czechoslovak Mathematical Journal, 2015, 65, 1047-1068.	0.3	13
173	Disconjugacy via Lyapunov and VallÃ©e-Poussin type inequalities for forced differential equations. Applied Mathematics and Computation, 2015, 265, 456-468.	1.4	13
174	Weak solutions for fractional differential equations in nonreflexive Banach spaces via Riemannâ€Pettis integrals. Mathematische Nachrichten, 2016, 289, 395-409.	0.4	13
175	n_0-order Î”-almost periodic functions and dynamic equations. Applicable Analysis, 2018, 97, 2626-2654.	0.6	13
176	Lyapunov Functions and Stability of Caputo Fractional Differential Equations with Delays. Differential Equations and Dynamical Systems, 2022, 30, 513-534.	0.5	13
177	On the continuation principle of local smooth solution for the Hall-MHD equations. Applicable Analysis, 2022, 101, 545-553.	0.6	13
178	STABILITY OF ITERATIVE PROCESSES WITH ERRORS FOR NONLINEAR EQUATIONS OF Ï†-STRONGLY ACCRETIVE TYPE OPERATORS. Numerical Functional Analysis and Optimization, 2001, 22, 471-485.	0.6	12
179	ON POSITIVITY OF SEVERAL COMPONENTS OF SOLUTION VECTOR FOR SYSTEMS OF LINEAR FUNCTIONAL DIFFERENTIAL EQUATIONS. Glasgow Mathematical Journal, 2010, 52, 115-136.	0.2	12
180	Oscillation of higher order nonlinear dynamic equations on time scales. Advances in Difference Equations, 2012, 2012, .	3.5	12

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181	A Further Study of Almost Periodic Time Scales with Some Notes and Applications. Abstract and Applied Analysis, 2014, 2014, 1-11.	0.3	12
182	Some results for impulsive problems via Morse theory. Journal of Mathematical Analysis and Applications, 2014, 409, 752-759.	0.5	12
183	Cone Compression and Expansion Fixed Point Theorems in FrÃ©chet Spaces with Applications. Journal of Differential Equations, 2001, 171, 412-429.	1.1	11
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