Baoguo Jia

List of Publications by Year
in descending order

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38 papers	485 citations	840119 11 h-index	713013 21 g-index
38 all docs	38 docs citations	38 times ranked	187 citing authors

#	Article	IF	Citations
1	Two monotonicity results for nabla and delta fractional differences. Archiv Der Mathematik, 2015, 104, 589-597.	0.3	53
2	Ulamâ€Hyers stability of Caputo fractional difference equations. Mathematical Methods in the Applied Sciences, 2019, 42, 7461-7470.	1.2	52
3	Survey of the qualitative properties of fractional difference operators: monotonicity, convexity, and asymptotic behavior of solutions. Advances in Difference Equations, 2016, 2016, .	3.5	44
4	Monotonicity and convexity for nabla fractional (q,Âh)-differences. Journal of Difference Equations and Applications, 2016, 22, 1224-1243.	0.7	32
5	Finite-time stability of a class of nonlinear fractional delay difference systems. Applied Mathematics Letters, 2019, 98, 233-239.	1.5	31
6	Monotonicity results for delta fractional differences revisited. Mathematica Slovaca, 2017, 67, 895-906.	0.3	24
7	Monotonicity results for nabla fractional hâ€difference operators. Mathematical Methods in the Applied Sciences, 2021, 44, 1207-1218.	1.2	23
8	Existence and Uniqueness Theorem of the Solution to a Class of Nonlinear Nabla Fractional Difference System with a Time Delay. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.4	21
9	Method of Upper and Lower Solutions for Nonlinear Caputo Fractional Difference Equations and Its Applications. Fractional Calculus and Applied Analysis, 2019, 22, 1307-1320.	1.2	21
10	Bounds of Hausdorff measure of the Sierpinski gasket. Journal of Mathematical Analysis and Applications, 2007, 330, 1016-1024.	0.5	15
11	Asymptotic stability of fractional difference equations with bounded time delays. Fractional Calculus and Applied Analysis, 2020, 23, 571-590.	1.2	15
12	Finite time stability of fractional delay difference systems: A discrete delayed Mittag-Leffler matrix function approach. Chaos, Solitons and Fractals, 2020, 141, 110430.	2.5	13
13	Two asymptotic results of solutions for nabla fractional (q; h)-difference equations. Turkish Journal of Mathematics, 2018, 42, 2214-2242.	0.3	12
14	Existence and uniqueness of solutions for nonlinear Caputo fractional difference equations. Turkish Journal of Mathematics, 2020, 44, 857-869.	0.3	12
15	Stability analysis for a class of nabla (q; h)-fractional difference equations. Turkish Journal of Mathematics, 2019, 43, 664-687.	0.3	11
16	New comparison and oscillation theorems for second-order half-linear dynamic equations on time scales. Computers and Mathematics With Applications, 2008, 56, 2744-2756.	1.4	10
17	Belohorec-type oscillation theorem for second order sublinear dynamic equations on time scales. Mathematische Nachrichten, 2011, 284, 1658-1668.	0.4	9
18	The solution of a new Caputo-like fractional h-difference equation. Rocky Mountain Journal of Mathematics, 2018, 48, .	0.2	8

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19	Gronwall's inequality for a nabla fractional difference system with a retarded argument and an application. Journal of Difference Equations and Applications, 2019, 25, 855-868.	0.7	8
20	A generalized fractional (q ,â€‰ h)â€“Gronwall inequality and its applications to nonlinear fractional delay (q ,â€‰ h)â€“difference systems. Mathematical Methods in the Applied Sciences, 2021, 44, 10513-10529.	1.2	8
21	A generalized h-fractional Gronwall's inequality and its applications for nonlinear h-fractional difference systems with â€˜maximaâ€™. Journal of Difference Equations and Applications, 2019, 25, 815-836.	0.7	7
22	Caputo fractional continuous cobweb models. Journal of Computational and Applied Mathematics, 2020, 374, 112734.	1.1	7
23	ASYMPTOTIC BEHAVIOR OF NABLA HALF ORDER H-DIFFERENCE EQUATIONS. Journal of Applied Analysis and Computation, 2018, 8, 1707-1726.	0.2	7
24	Liapunov functional and stability of linear nabla (q,Âh)-fractional difference equations. Journal of Difference Equations and Applications, 2017, 23, 1974-1985.	0.7	6
25	Bounds of the Hausdorff measure of the Koch curve. Applied Mathematics and Computation, 2007, 190, 559-565.	1.4	5
26	Maximum density for the Sierpinski carpet. Computers and Mathematics With Applications, 2009, 57, 1615-1621.	1.4	4
27	Wong's comparison theorem for second order linear dynamic equations on time scales. Journal of Mathematical Analysis and Applications, 2009, 349, 556-567.	0.5	4
28	Forced Oscillation of Second-Order Half-Linear Dynamic Equations on Time Scales. Abstract and Applied Analysis, 2010, 2010, 1-10.	0.3	4
29	Asymptotic stability of (q, h)-fractional difference equations. Applied Mathematics and Computation, 2019, 349, 158-167.	1.4	4
30	Discrete fractional Bihari inequality and uniqueness theorem of solutions of nabla fractional difference equations with non-Lipschitz nonlinearities. Applied Mathematics and Computation, 2020, 376, 125118.	1.4	4
31	Nonlinear oscillation of secondâ€order neutral dynamic equations with distributed delay. Mathematical Methods in the Applied Sciences, 2016, 39, 202-213.	1.2	3
32	Bounds of the Hausdorff Measure of Sierpinski carpet. Analysis in Theory and Applications, 2006, 22, 362-376.	0.1	2
33	An answer to a conjecture on self-similar sets. Analysis in Theory and Applications, 2007, 23, 9-15.	0.1	2
34	A Butler-type oscillation theorem for second-order dynamic equations on discrete timescales. Journal of Difference Equations and Applications, 2014, 20, 671-684.	0.7	2
35	Asymptotic behavior of solutions of fractional nabla q-difference equations. Georgian Mathematical Journal, 2019, 26, 21-28.	0.2	2
36	Nonoscillatory Solutions of Second-Order Superlinear Dynamic Equations with Integrable Coefficients. Abstract and Applied Analysis, 2012, 2012, 1-16.	0.3	0

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37	Oscillation of Certain Emden-Fowler Dynamic Equations on Time Scales. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	0
38	Some new results for nonlinear fractional h-difference systems with â€œmaximaâ€• Rocky Mountain Journal of Mathematics, 2020, 50, .	0.2	0