

Douglas Anderson

List of Publications by Year in descending order

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78
papers

1,281
citations

394421

19
h-index

395702

33
g-index

79
all docs

79
docs citations

79
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of the Katugampola fractional derivative with potential application in quantum mechanics. Journal of Mathematical Physics, 2015, 56, .	1.1	111
2	Solutions to Second-order Three-point Problems on Time Scales. Journal of Difference Equations and Applications, 2002, 8, 673-688.	1.1	105
3	Green's function for a third-order generalized right focal problem. Journal of Mathematical Analysis and Applications, 2003, 288, 1-14.	1.0	100
4	Multiple Solutions and Eigenvalues for Third-Order Right Focal Boundary Value Problems. Journal of Mathematical Analysis and Applications, 2002, 267, 135-157.	1.0	96
5	Existence of Solutions for a One Dimensional p -Laplacian on Time-Scales. Journal of Difference Equations and Applications, 2004, 10, 889-896.	1.1	71
6	Fixed Point Theorem of Cone Expansion and Compression of Functional Type. Journal of Difference Equations and Applications, 2002, 8, 1073-1083.	1.1	41
7	A sum operator equation and applications to nonlinear elastic beam equations and Lane-Emden-Fowler equations. Journal of Mathematical Analysis and Applications, 2011, 375, 388-400.	1.0	37
8	Existence of three positive solutions to a second-order boundary value problem on a measure chain. Journal of Computational and Applied Mathematics, 2002, 141, 65-73.	2.0	36
9	Higher-order self-adjoint boundary-value problems on time scales. Journal of Computational and Applied Mathematics, 2006, 194, 309-342.	2.0	35
10	Eigenvalue intervals for a two-point boundary value problem on a measure chain. Journal of Computational and Applied Mathematics, 2002, 141, 57-64.	2.0	29
11	Existence of three solutions for a first-order problem with nonlinear nonlocal boundary conditions. Journal of Mathematical Analysis and Applications, 2013, 408, 318-323.	1.0	29
12	Interval oscillation criteria for second-order forced delay dynamic equations with mixed nonlinearities. Computers and Mathematics With Applications, 2010, 59, 977-993.	2.7	28
13	Taylor's Formula and Integral Inequalities for Conformable Fractional Derivatives. , 2016, , 25-43.		26
14	A discrete fourth-order Lidstone problem with parameters. Applied Mathematics and Computation, 2009, 214, 523-533.	2.2	25
15	An even-order three-point boundary value problem on time scales. Journal of Mathematical Analysis and Applications, 2004, 291, 514-525.	1.0	24
16	Monotonicity results for nabla fractional difference operators. Mathematical Methods in the Applied Sciences, 2021, 44, 1207-1218.	2.3	23
17	Undetermined coefficients for local fractional differential equations. Journal of Mathematics and Computer Science, 2016, 16, 140-146.	1.0	22
18	Higher-order three-point boundary value problem on time scales. Computers and Mathematics With Applications, 2008, 56, 2429-2443.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Basins of attraction in a Cournot duopoly model of Kopel. Journal of Difference Equations and Applications, 2005, 11, 879-887.	1.1	20
20	Best Constant for Hyers–Ulam Stability of Second-Order h-Difference Equations with Constant Coefficients. Results in Mathematics, 2019, 74, 1.	0.8	19
21	A Fourth-Order Four-Point Right Focal Boundary Value Problem. Rocky Mountain Journal of Mathematics, 2006, 36, .	0.4	19
22	Twin monotone positive solutions to a singular nonlinear third-order differential equation. Journal of Mathematical Analysis and Applications, 2007, 334, 299-313.	1.0	18
23	Positive solutions for second-order semipositone problems on time scales. Computers and Mathematics With Applications, 2009, 58, 281-291.	2.7	18
24	Positive solutions to semi-positone second-order three-point problems on time scales. Applied Mathematics and Computation, 2010, 215, 3713-3720.	2.2	18
25	Existence of solutions for a cantilever beam problem. Journal of Mathematical Analysis and Applications, 2006, 323, 958-973.	1.0	16
26	Oscillation of second-order forced functional dynamic equations with oscillatory potentials. Journal of Difference Equations and Applications, 2007, 13, 407-421.	1.1	16
27	Nonlinear oscillation of second-order dynamic equations on time scales. Applied Mathematics Letters, 2009, 22, 1591-1597.	2.7	15
28	Multiple periodic solutions for a second-order problem on periodic time scales. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 101-115.	1.1	14
29	Twin n-point boundary value problems. Applied Mathematics Letters, 2004, 17, 1053-1059.	2.7	13
30	Hyers-Ulam stability of first-order homogeneous linear dynamic equations on time scales. Demonstratio Mathematica, 2018, 51, 198-210.	1.5	13
31	Interval criteria for oscillation of nonlinear second-order dynamic equations on time scales. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 4614-4623.	1.1	12
32	Interval criteria for second-order super-half-linear functional dynamic equations with delay and advance arguments. Journal of Difference Equations and Applications, 2010, 16, 917-930.	1.1	12
33	On stability and feedback control of discrete fractional order singular systems with multiple time-varying delays. Chaos, Solitons and Fractals, 2022, 155, 111740.	5.1	11
34	Delay dynamic equations with stability. Advances in Difference Equations, 2006, 2006, 1-20.	3.5	10
35	Existence of solutions for a first-order p-Laplacian BVP on time scales. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 4521-4525.	1.1	10
36	Second-order n-point eigenvalue problems on time scales. Advances in Difference Equations, 2006, 2006, 1-18.	3.5	9

#	ARTICLE	IF	CITATIONS
37	Global stability for nonlinear dynamic equations with variable coefficients. Journal of Mathematical Analysis and Applications, 2008, 345, 796-804.	1.0	9
38	Solvability for a third-order three-point BVP on time scales. Mathematical and Computer Modelling, 2009, 49, 1994-2001.	2.0	9
39	Hyers-Ulam Stability for Quantum Equations of Euler Type. Discrete Dynamics in Nature and Society, 2020, 2020, 1-10.	0.9	9
40	Titchmarsh-Sims-Weyl theory for complex Hamiltonian systems on Sturmian time scales. Journal of Mathematical Analysis and Applications, 2011, 373, 709-725.	1.0	8
41	Interval oscillation criteria for forced Emden-Fowler functional dynamic equations with oscillatory potential. Science China Mathematics, 2013, 56, 561-576.	1.7	8
42	Hyers-Ulam stability for a discrete time scale with two step sizes. Applied Mathematics and Computation, 2019, 344-345, 128-140.	2.2	8
43	Existence of solutions for first-order multi-point problems with changing-sign nonlinearity. Journal of Difference Equations and Applications, 2008, 14, 657-666.	1.1	7
44	Existence of a positive solution for a right focal discrete boundary value problem. Journal of Difference Equations and Applications, 2011, 17, 1635-1642.	1.1	7
45	Hyers-Ulam Stability and Best Constant for Cayley h-Difference Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4207-4222.	0.9	7
46	Hyers-Ulam stability for quantum equations. Aequationes Mathematicae, 2021, 95, 201-214.	0.8	6
47	Best constant for Hyers-Ulam stability of two step sizes linear difference equations. Journal of Mathematical Analysis and Applications, 2021, 496, 124807.	1.0	6
48	Multiple periodic solutions for a second-order problem on periodic time scales. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 101-115.	1.1	5
49	Third-order right-focal multi-point problems on time scales. Journal of Difference Equations and Applications, 2006, 12, 919-935.	1.1	5
50	Global asymptotic behavior for delay dynamic equations. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 1633-1644.	1.1	5
51	Existence of a periodic solution for continuous and discrete periodic second-order equations with variable potentials. Journal of Applied Mathematics and Computing, 2011, 37, 297-312.	2.5	5
52	Best constant for Ulam stability of first-order h-difference equations with periodic coefficient. Journal of Mathematical Analysis and Applications, 2020, 491, 124363.	1.0	5
53	Existence of a positive solution to a right focal boundary value problem. Electronic Journal of Qualitative Theory of Differential Equations, 2010, , 1-6.	0.5	5
54	Some New Characterizations of Weights in Dynamic Inequalities Involving Monotonic Functions. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	4

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55	Hyers-Ulam Stability for Cayley Quantum Equations and Its Application to h-Difference Equations. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.8	4
56	Hyers-Ulam Stability for Differential Systems with 2×2 Constant Coefficient Matrix. Results in Mathematics, 2022, 77, 1.	0.8	4
57	Higher-dimensional functional dynamic equations on periodic time scales. Journal of Difference Equations and Applications, 2008, 14, 83-89.	1.1	3
58	Sturm-Picone comparison theorem for matrix systems on time scales. Applicable Analysis and Discrete Mathematics, 2010, 4, 338-346.	0.7	3
59	Some fixed point theorems of Leggett-Williams type. Rocky Mountain Journal of Mathematics, 2011, 41, .	0.4	3
60	q-Dominant and q-recessive matrix solutions for linear quantum systems. Electronic Journal of Qualitative Theory of Differential Equations, 2007, , 1-29.	0.5	3
61	Two Weighted Norm Dynamic Inequalities with Applications on Second Order Half-Linear Dynamic Equations. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	3
62	Asymptotic behavior of solutions for neutral dynamic equations on time scales. Advances in Difference Equations, 2006, 2006, 1-12.	3.5	2
63	Alternative solutions of inhomogeneous second-order linear dynamic equations on time scales. Journal of Difference Equations and Applications, 2011, 17, 1487-1498.	1.1	2
64	Discrete Approaches to Continuous Boundary Value Problems: Existence and Convergence of Solutions. Abstract and Applied Analysis, 2016, 2016, 1-6.	0.7	2
65	Positive Green's Functions for Boundary Value Problems with Conformable Derivatives. Springer Optimization and Its Applications, 2016, , 63-74.	0.9	2
66	On a new class of dynamic Hardy-type inequalities and some related generalizations. Aequationes Mathematicae, 2022, 96, 773-793.	0.8	2
67	Layered Compression-Expansion Fixed Point Theorem. Results in Fixed Point Theory and Applications, 2018, 2018, .	0.4	2
68	Two Weighted Higher-Order Dynamic Inequalities of Opial Type with Two Functions. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	2
69	Boundedness and vanishing of solutions for a forced delay dynamic equation. Advances in Difference Equations, 2006, 2006, 1-18.	3.5	1
70	Hyers-Ulam Stability of Second-Order Linear Dynamic Equations on Time Scales. Acta Mathematica Scientia, 2021, 41, 1809-1826.	1.0	1
71	Asymptotic and oscillatory behavior of second order neutral quantum equations with maxima. Electronic Journal of Qualitative Theory of Differential Equations, 2009, , 1-9.	0.5	1
72	Fixed point theorem utilizing operators and functionals. Electronic Journal of Qualitative Theory of Differential Equations, 2012, , 1-16.	0.5	1

#	ARTICLE	IF	CITATIONS
73	A Fourth-order Nonlinear Difference Equation. Journal of Difference Equations and Applications, 2003, 9, 161-169.	1.1	0
74	Ulam stability for nonautonomous quantum equations. Journal of Inequalities and Applications, 2021, .	1.1	0
75	Best Hyersâ€Ulam Stability Constants on a Time Scale with Discrete Core and Continuous Periphery. Springer Optimization and Its Applications, 2021, , 17-37.	0.9	0
76	Green's function of a centered partial difference equation. Electronic Journal of Qualitative Theory of Differential Equations, 2009, , 1-12.	0.5	0
77	Application of the omitted ray fixed point theorem. Electronic Journal of Qualitative Theory of Differential Equations, 2014, , 1-9.	0.5	0
78	Alternative iterative technique. Electronic Journal of Qualitative Theory of Differential Equations, 2019, , 1-7.	0.5	0