Zhanbing Bai

List of Publications by Year in descending order

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ZHANRING RAL

#	Article	IF	CITATIONS
1	Positive solutions for boundary value problem of nonlinear fractional differential equation. Journal of Mathematical Analysis and Applications, 2005, 311, 495-505.	1.0	802
2	On positive solutions of a nonlocal fractional boundary value problem. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 916-924.	1.1	387
3	On positive solutions of some nonlinear fourth-order beam equations. Journal of Mathematical Analysis and Applications, 2002, 270, 357-368.	1.0	174
4	Existence and multiplicity of positive solutions for singular fractional boundary value problems. Computers and Mathematics With Applications, 2012, 63, 1369-1381.	2.7	123
5	Existence results for the three-point impulsive boundary value problem involving fractional differential equations. Computers and Mathematics With Applications, 2010, 59, 2601-2609.	2.7	114
6	Existence of positive solution for singular fractional differential equation. Applied Mathematics and Computation, 2009, 215, 2761-2767.	2.2	91
7	Positive solutions to boundary value problems of p-Laplacian with fractional derivative. Boundary Value Problems, 2017, 2017, .	0.7	82
8	Solvability of fractional three-point boundary value problems with nonlinear growth. Applied Mathematics and Computation, 2011, 218, 1719-1725.	2.2	76
9	The Method of Lower and Upper Solutions for a Bending of an Elastic Beam Equation. Journal of Mathematical Analysis and Applications, 2000, 248, 195-202.	1.0	74
10	The upper and lower solution method for some fourth-order boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 1704-1709.	1.1	73
11	Existence results for impulsive nonlinear fractional differential equation with mixed boundary conditions. Boundary Value Problems, 2016, 2016, .	0.7	73
12	On the existence of blow up solutions for a class of fractional differential equations. Fractional Calculus and Applied Analysis, 2014, 17, 1175-1187.	2.2	71
13	Existence results for a coupled system of nonlinear fractional three-point boundary value problems at resonance. Computers and Mathematics With Applications, 2011, 61, 1032-1047.	2.7	70
14	Existence of three positive solutions for some second-order boundary value problems. Computers and Mathematics With Applications, 2004, 48, 699-707.	2.7	61
15	Radial symmetry of standing waves for nonlinear fractional Hardy–Schrödinger equation. Applied Mathematics Letters, 2019, 96, 131-137.	2.7	61
16	Solvability for a class of fractional <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>m</mml:mi></mml:math> -point boundary value problem at resonance. Computers and Mathematics With Applications, 2011, 62, 1292-1302.	2.7	57
17	Existence and iterative method for some fourth order nonlinear boundary value problems. Applied Mathematics Letters, 2019, 87, 101-107.	2.7	50
18	Positive solutions of fractional differential equations involving the Riemann–Stieltjes integral boundary condition. Advances in Difference Equations, 2018, 2018, .	3.5	45

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#	Article	IF	CITATIONS
19	Eigenvalue intervals for a class of fractional boundary value problem. Computers and Mathematics With Applications, 2012, 64, 3253-3257.	2.7	43
20	The existence of solutions for a fractional multi-point boundary value problem. Computers and Mathematics With Applications, 2010, 60, 2364-2372.	2.7	40
21	Existence for fractional Dirichlet boundary value problem under barrier strip conditions. Journal of Nonlinear Science and Applications, 2017, 10, 3592-3598.	1.0	40
22	Existence of solutions for nonlinear fractional three-point boundary value problems at resonance. Journal of Applied Mathematics and Computing, 2011, 36, 417-440.	2.5	39
23	Solutions of 2nth Lidstone boundary value problems and dependence on higher order derivatives. Journal of Mathematical Analysis and Applications, 2003, 279, 442-450.	1.0	37
24	Positive solutions of some nonlocal fourth-order boundary value problem. Applied Mathematics and Computation, 2010, 215, 4191-4197.	2.2	36
25	Fractionalâ€order switching type control law design for adaptive sliding mode technique of 3D fractionalâ€order nonlinear systems. Complexity, 2016, 21, 363-373.	1.6	33
26	Positive solutions to fractional boundary-value problems with p-Laplacian on time scales. Boundary Value Problems, 2018, 2018, .	0.7	32
27	Existence and multiplicity of solutions for four-point boundary value problems at resonance. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 1151-1162.	1.1	30
28	Extremal solutions for some periodic fractional differential equations. Advances in Difference Equations, 2016, 2016, or some fourth-order «mmkmath altimg="sil.gif" display="inline"	3.5	30
29	overnow= scroll_xmins:xocs= http://www.elsevier.com/xmi/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"	2.7	29
30	Positive solutions for some second-order four-point boundary value problems. Journal of Mathematical Analysis and Applications, 2007, 330, 34-50.	1.0	29
31	Multiplicity results for some second-order four-point boundary-value problems. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 491-500.	1.1	28
32	Multiple positive solutions for some p-Laplacian boundary value problems. Journal of Mathematical Analysis and Applications, 2004, 300, 477-490.	1.0	27
33	The existence of countably many positive solutions for singular multipoint boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 955-964.	1.1	25
34	Infinitely many nonnegative solutions for a fractional differential inclusion with oscillatory potential. Applied Mathematics Letters, 2019, 88, 64-72.	2.7	21
35	Positive Solutions of Fractional Differential Equations with p-Laplacian. Journal of Function Spaces, 2017, 2017, 1-9.	0.9	20
36	Upper and lower solution method for a fourth-order four-point boundary value problem on time scales. Applied Mathematics and Computation, 2009, 215, 2243-2247.	2.2	18

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#	Article	IF	CITATIONS
37	Solvability for some class of multi-order nonlinear fractional systems. Advances in Difference Equations, 2019, 2019, .	3.5	16
38	Positive solutions for a boundary value problem of fractional differential equation with p-Laplacian operator. Advances in Difference Equations, 2019, 2019, .	3.5	15
39	Impulsive Boundary Value Problem for Differential Equations with Fractional Order. Differential Equations and Dynamical Systems, 2013, 21, 253-260.	1.0	14
40	On positive solutions for some second-order three-point boundary value problems with convection term. Journal of Inequalities and Applications, 2019, 2019, .	1.1	13
41	Multiplicity results for some second-order four-point boundary-value problemsâ~†. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 491-500.	1.1	11
42	SUCCESSIVE ITERATIONS FOR UNIQUE POSITIVE SOLUTION OF A NONLINEAR FRACTIONAL Q-INTEGRAL BOUNDARY VALUE PROBLEM. Journal of Applied Analysis and Computation, 2019, 9, 1204-1215.	0.5	10
43	ITERATIVE METHOD FOR A CLASS OF FOURTH-ORDER <i>P</i> -LAPLACIAN BEAM EQUATION. Journal of Applied Analysis and Computation, 2019, 9, 1443-1453.	0.5	10
44	Positive radial solutions of a singular elliptic equation with sign changing nonlinearities. Applied Mathematics Letters, 2006, 19, 555-567.	2.7	9
45	The Green Function for a Class of Caputo Fractional Differential Equations with a Convection Term. Fractional Calculus and Applied Analysis, 2020, 23, 787-798.	2.2	9
46	Positive Solutions for Boundary Value Problems of Singular Fractional Differential Equations. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	8
47	The Existence and Uniqueness of a Class of Fractional Differential Equations. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	8
48	A class of nonlocal problems of fractional differential equations with composition of derivative and parameters. Advances in Difference Equations, 2019, 2019, .	3.5	8
49	Existence of Positive Solutions to Fourth Order Quasilinear Boundary Value Problems. Acta Mathematica Sinica, English Series, 2006, 22, 1825-1830.	0.6	7
50	Triple positive solutions for some second-order boundary value problem on a measure chain. Computers and Mathematics With Applications, 2007, 53, 1832-1839.	2.7	7
51	Solvability of Some Two-Point Fractional Boundary Value Problems under Barrier Strip Conditions. Journal of Function Spaces, 2017, 2017, 1-6.	0.9	7
52	Solvability of Some Fractional Boundary Value Problems with a Convection Term. Discrete Dynamics in Nature and Society, 2019, 2019, 1-6.	0.9	7
53	On solutions of a class of three-point fractional boundary value problems. Boundary Value Problems, 2020, 2020, .	0.7	7
54	Existence of solution of a three-point boundary value problem via variational approach. Applied Mathematics Letters, 2020, 104, 106283.	2.7	7

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#	Article	IF	CITATIONS
55	POSITIVE SOLUTIONS FOR BOUNDARY VALUE PROBLEM OF NONLINEAR FRACTIONAL DIFFERENTIAL EQUATION. Journal of Nonlinear Science and Applications, 2008, 01, 123-131.	1.0	6
56	Asymptotic solutions for a second-order differential equation with three-point boundary conditions. Applied Mathematics and Computation, 2007, 186, 469-473.	2.2	5
57	Existence of solutions for some two-point fractional boundary value problems under barrier strip conditions. Boundary Value Problems, 2019, 2019, .	0.7	5
58	Solvability for some fourth order two-point boundary value problems. AIMS Mathematics, 2020, 5, 4983-4994.	1.6	5
59	Existence and uniqueness of solutions for a mixed p-Laplace boundary value problem involving fractional derivatives. Advances in Difference Equations, 2020, 2020, .	3.5	4
60	Periodic and subharmonic solutions for a class of second-order p-Laplacian Hamiltonian systems. Boundary Value Problems, 2014, 2014, .	0.7	3
61	Solvability of a Third-Order Multipoint Boundary Value Problem at Resonance. Abstract and Applied Analysis, 2014, 2014, 1-8.	0.7	3
62	Asymptotical stabilization of the nonlinear upper triangular fractional-order systems. Advances in Difference Equations, 2019, 2019, .	3.5	3
63	Spatial dynamics of a nonlocal delayed unstirred chemostat model with periodic input. International Journal of Biomathematics, 2019, 12, 1950065.	2.9	3
64	MULTIPLE SOLUTIONS FOR SOME NONLINEAR IMPULSIVE DIFFERENTIAL EQUATIONS WITH THREE-POINT BOUNDARY CONDITIONS VIA VARIATIONAL APPROACH. Journal of Applied Analysis and Computation, 2021, 11, 3031-3043.	0.5	3
65	Solvability of Some Nonlocal Fractional Boundary Value Problems at Resonance in â"n. Fractal and Fractional, 2022, 6, 25.	3.3	3
66	Periodic solution for second-order impulsive differential inclusions with relativistic operator. Boundary Value Problems, 2018, 2018, .	0.7	2
67	Basic theory of differential equations with mixed perturbations of the second type on time scales. Advances in Difference Equations, 2019, 2019, .	3.5	2
68	Eigenvalue Criteria for Existence of Positive Solutions to Fractional Boundary Value Problem. Journal of Function Spaces, 2020, 2020, 1-5.	0.9	1
69	Infinitely Many Solutions for Second-Order Impulsive Differential Inclusions with Relativistic Operator. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	1
70	A class of fourth order nonlinear boundary value problem with singular perturbation. Applied Mathematics Letters, 2021, 115, 106965.	2.7	1
71	Basic theory of differential equations with linear perturbations of second type on time scales. Boundary Value Problems, 2019, 2019, .	0.7	1
72	Positive solutions for some 1-dimensional boundary value problems of Laplace-type. Applied Mathematics, 2007, 22, 13-20.	1.0	0

#	Article	IF	CITATIONS
73	ANTI-PERIODIC SOLUTION FOR FOURTH-ORDER IMPULSIVE DIFFERENTIAL EQUATION VIA SADDLE POINT THEOREM. Journal of Applied Analysis and Computation, 2021, 11, 254-270.	0.5	0
74	Solutions for a class of Hamiltonian systems on time scales with non-local boundary conditions. Applied Mathematics and Mechanics (English Edition), 2022, 43, 587-602.	3.6	0