

Sihua Liang

List of Publications by Year in descending order

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papers

866
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687363

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55
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55
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive solutions for boundary value problems of nonlinear fractional differential equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 5545-5550.	1.1	180
2	Soliton solutions to Kirchhoff type problems involving the critical growth in. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 81, 31-41.	1.1	78
3	Existence of solutions for Kirchhoff type problems with critical nonlinearity in \mathbb{R}^N . <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 81, 31-41.	1.7	62
4	Multiple solutions for critical Choquard-Kirchhoff type equations. <i>Advances in Nonlinear Analysis</i> , 2020, 10, 400-419.	2.6	49
5	Existence and uniqueness of positive solutions for three-point boundary value problem with fractional q-differences. <i>Journal of Applied Mathematics and Computing</i> , 2012, 40, 277-288.	2.5	39
6	On the fractional Schrödinger-Kirchhoff equations with electromagnetic fields and critical nonlinearity. <i>Computers and Mathematics With Applications</i> , 2018, 75, 1778-1794.	2.7	39
7	Multiplicity of solutions for the noncooperative Schrödinger-Kirchhoff system involving the fractional p-Laplacian in \mathbb{R}^N . <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017, 68, 1.	1.4	27
8	Fractional magnetic Schrödinger-Kirchhoff problems with convolution and critical nonlinearities. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 2473-2490.	2.3	26
9	Infinitely many small solutions for the p(x)-Laplacian operator with nonlinear boundary conditions. <i>Annali Di Matematica Pura Ed Applicata</i> , 2013, 192, 1-16.	1.0	21
10	Infinitely Many Solutions for Critical Degenerate Kirchhoff Type Equations Involving the Fractional p-Laplacian. <i>Applied Mathematics and Optimization</i> , 2019, 80, 63-80.	1.6	21
11	The existence of countably many positive solutions for nonlinear singular Kirchhoff type problems involving the fractional p-Laplacian. <i>Applied Mathematics and Optimization</i> , 2019, 80, 63-80.	2.0	18
12	Existence and uniqueness of positive solutions to n-point boundary value problem for nonlinear fractional differential equation. <i>Journal of Applied Mathematics and Computing</i> , 2012, 38, 225-241.	2.5	16
13	Multiple solutions for noncooperative Kirchhoff type problems involving the fractional p-Laplacian. <i>Applied Mathematics and Optimization</i> , 2019, 80, 63-80.	1.0	15
14	Existence and multiplicity of solutions for fourth-order elliptic equations of Kirchhoff type with critical growth in \mathbb{R}^N . <i>Journal of Mathematical Physics</i> , 2016, 57, 111505.	1.1	15
15	Least-energy nodal solutions of critical Kirchhoff problems with logarithmic nonlinearity. <i>Analysis and Mathematical Physics</i> , 2020, 10, 1.	1.3	15
16	Solutions of perturbed Schrödinger equations with electromagnetic fields and critical nonlinearity. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2011, 54, 131-147.	0.3	12
17	Existence of multi-bump solutions for a class of Kirchhoff type problems in \mathbb{R}^3 . <i>Journal of Mathematical Physics</i> , 2013, 54, .	1.1	12
18	The existence of countably many positive solutions for nonlinear singular Kirchhoff type problems involving the fractional p-Laplacian. <i>Journal of Computational and Applied Mathematics</i> , 2008, 222, 229-243.	2.0	11

#	ARTICLE	IF	CITATIONS
19	The existence of countably many positive solutions for some nonlinear singular three-point impulsive boundary value problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 4588-4597.	1.1	11
20	Existence of solutions for Kirchhoff type problems with critical nonlinearity in \mathbb{R}^N . <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015, 66, 547-562.	1.4	11
21	Critical nonlocal Schrödinger-Poisson system on the Heisenberg group. <i>Advances in Nonlinear Analysis</i> , 2021, 11, 482-502.	2.6	11
22	Positive Solutions for Singular Third-Order Boundary Value Problem with Dependence on the First Order Derivative on the Half-Line. <i>Acta Applicandae Mathematicae</i> , 2010, 111, 27-43.	1.0	10
23	Existence of multiple positive solutions for m-point fractional boundary value problems with p-Laplacian operator on infinite interval. <i>Journal of Applied Mathematics and Computing</i> , 2012, 38, 687-707.	2.5	10
24	On multi-bump solutions of nonlinear Schrödinger equation with electromagnetic fields and critical nonlinearity in \mathbb{R}^N . <i>Calculus of Variations and Partial Differential Equations</i> , 2017, 56, 1.	1.7	10
25	Multiple solutions for a noncooperative Kirchhoff type system involving the fractional p -Laplacian and critical exponents. <i>Mathematische Nachrichten</i> , 2018, 291, 1533-1546.	0.8	10
26	Least energy sign-changing solution for N-Laplacian problem with logarithmic and exponential nonlinearities. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 505, 125432.	1.0	10
27	A variable order fractional p -Kirchhoff type problem in \mathbb{R}^N . <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3872-3889.	2.3	9
28	The existence of countably many positive solutions for some nonlinear three-point boundary problems on the half-line. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 70, 3127-3139.	1.1	8
29	The existence of multiple positive solutions for multi-point boundary value problems on the half-line. <i>Journal of Computational and Applied Mathematics</i> , 2009, 228, 10-19.	2.0	8
30	Multiple solutions for critical Kirchhoff-Poisson systems in the Heisenberg group. <i>Applied Mathematics Letters</i> , 2022, 127, 107846.	2.7	8
31	Soliton Solutions for Quasilinear Schrödinger Equations Involving Convolution and Critical Nonlinearities. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	1.0	8
32	The existence of countably many positive solutions for one-dimensional p-Laplacian with infinitely many singularities on the half-line. <i>Applied Mathematics and Computation</i> , 2008, 201, 210-220.	2.2	7
33	Existence of Multi-bump Solutions for a Class of Quasilinear Schrödinger Equations in \mathbb{R}^N Involving Critical Growth. <i>Milan Journal of Mathematics</i> , 2015, 83, 55-90.	1.1	7
34	High perturbations of critical fractional Kirchhoff equations with logarithmic nonlinearity. <i>Applied Mathematics Letters</i> , 2021, 116, 107027.	2.7	7
35	Multiplicity of solutions for a class of quasilinear elliptic equation involving the critical Sobolev and Hardy exponents. <i>Nonlinear Differential Equations and Applications</i> , 2010, 17, 55-67.	0.8	6
36	Existence of Three Positive Solutions of Three-Order with m-Point Impulsive Boundary Value Problems. <i>Acta Applicandae Mathematicae</i> , 2010, 110, 353-365.	1.0	6

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37	Multiplicity of solutions for the noncooperative $p(x)$ -Laplacian operator elliptic system involving the critical growth. <i>Journal of Dynamical and Control Systems</i> , 2012, 18, 379-396.	0.8	6
38	The existence of three positive solutions of m -point boundary value problems for some dynamic equations on time scales. <i>Mathematical and Computer Modelling</i> , 2009, 49, 1386-1393.	2.0	5
39	n -point boundary value problems. <i>Journal of Computational and Applied Mathematics</i> , 2009, 224, 527-537.	2.0	5
40	Solutions for a class of quasilinear Choquard equations with Hardy-Littlewood-Sobolev critical nonlinearity. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 198, 111888.	1.1	5
41	Existence and uniqueness of positive solutions to nonlinear fractional differential equation with integral boundary conditions. <i>Lithuanian Mathematical Journal</i> , 2012, 52, 62-76.	0.4	4
42	Positive Solutions for Singular Boundary Value Problem with Fractional q -Differences. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2015, 38, 647-666.	0.9	4
43	The method of lower and upper solutions for th -order multi-point boundary value problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 4581-4587.	1.1	3
44	Existence of solutions for a class of biharmonic equations with critical nonlinearity in \mathbb{R}^N . <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2016, 110, 681-693.	1.2	3
45	Multiple Solutions for Critical Fourth-Order Elliptic Equations of Kirchhoff type. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2021, 44, 1057-1064.	0.9	3
46	On the nonlocal Schrödinger-Poisson type system in the Heisenberg group. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	3
47	Fractional Kirchhoff-Choquard equation involving Schrödinger term and upper critical exponent. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	1.0	3
48	The existence of three positive solutions for some nonlinear boundary value problems on the half-line. <i>Positivity</i> , 2009, 13, 443-457.	0.7	2
49	Multiplicity of solutions to the weighted critical quasilinear problems. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2012, 55, 181-195.	0.3	2
50	On some p -Laplacian equation with electromagnetic fields and critical nonlinearity in \mathbb{R}^N . <i>Journal of Mathematical Physics</i> , 2015, 56, 041504.	1.1	1
51	Fractional p -Kirchhoff problems involving critical exponents and sign-changing weight functions. <i>Asymptotic Analysis</i> , 2019, 115, 47-61.	0.5	1
52	Multiplicity of solutions to the generalized extensible beam equations with critical growth. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 197, 111835.	1.1	1
53	Sign-changing solutions for fourth-order elliptic equations of Kirchhoff type with critical exponent. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2021, , 1-23.	0.5	1
54	On sign-changing solutions for quasilinear Schrödinger-Poisson system with critical growth. <i>Complex Variables and Elliptic Equations</i> , 2022, 67, 2397-2422.	0.8	1

#	ARTICLE	IF	CITATIONS
55	On the p -Laplacian Kirchhoff-Schrödinger equation with potentials vanishing or unbounded at infinity in \mathbb{R}^3 . Journal of Mathematical Physics, 2022, 63, 031503.	1.1	0