Sihua Liang

List of Publications by Year
in descending order

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55 papers	866 citations	687363 13 h-index	526287 27 g-index
55 all docs	55 docs citations	55 times ranked	315 citing authors

#	Article	IF	Citations
1	On sign-changing solutions for quasilinear SchrÃ¶dinger-Poisson system with critical growth. Complex Variables and Elliptic Equations, 2022, 67, 2397-2422.	0.8	1
2	Least energy sign-changing solution for N-Laplacian problem with logarithmic and exponential nonlinearities. Journal of Mathematical Analysis and Applications, 2022, 505, 125432.	1.0	10
3	Fractional Kirchhoffâ€“Choquard equation involving SchrÃ¶dinger term and upper critical exponent. Journal of Geometric Analysis, 2022, 32, 1.	1.0	3
4	Multiple solutions for critical Kirchhoffâ€“Poisson systems in the Heisenberg group. Applied Mathematics Letters, 2022, 127, 107846.	2.7	8
5	On the p-Laplacian Kirchhoffâ€“SchrÃ¶dinger equation with potentials vanishing or unbounded at infinity in R3. Journal of Mathematical Physics, 2022, 63, 031503.	1.1	0
6	Soliton Solutions for Quasilinear SchrÃ¶dinger Equations Involving Convolution and Critical Nonlinearities. Journal of Geometric Analysis, 2022, 32, 1.	1.0	8
7	A variableâ€order fractional p(Â·)â€Kirchhoff type problem in â„N. Mathematical Methods in the Applied Sciences, 2021, 44, 3872-3889.	2.3	9
8	Multiple Solutions for Critical Fourth-Order Elliptic Equations of Kirchhoff type. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 1057-1064.	0.9	3
9	Sign-changing solutions for fourth-order elliptic equations of Kirchhoff type with critical exponent. Electronic Journal of Qualitative Theory of Differential Equations, 2021, , 1-23.	0.5	1
10	High perturbations of critical fractional Kirchhoff equations with logarithmic nonlinearity. Applied Mathematics Letters, 2021, 116, 107027.	2.7	7
11	Critical nonlocal SchrÃ¶dinger-Poisson system on the Heisenberg group. Advances in Nonlinear Analysis, 2021, 11, 482-502.	2.6	11
12	Fractional magnetic SchrÃ¶dingerâ€Kirchhoff problems with convolution and critical nonlinearities. Mathematical Methods in the Applied Sciences, 2020, 43, 2473-2490.	2.3	26
13	Least-energy nodal solutions of critical Kirchhoff problems with logarithmic nonlinearity. Analysis and Mathematical Physics, 2020, 10, 1.	1.3	15
14	Multiplicity of solutions to the generalized extensible beam equations with critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2020, 197, 111835.	1.1	1
15	Multiple solutions for critical Choquard-Kirchhoff type equations. Advances in Nonlinear Analysis, 2020, 10, 400-419.	2.6	49
16	Solutions for a class of quasilinear Choquard equations with Hardyâ€“Littlewoodâ€“Sobolev critical nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 2020, 198, 111888.	1.1	5
17	Fractional p-Kirchhoff problems involving critical exponents and sign-changing weightÂfunctions. Asymptotic Analysis, 2019, 115, 47-61.	0.5	1
18	Infinitely Many Solutions for Critical Degenerate Kirchhoff Type Equations Involving the Fractional pâ€“Laplacian. Applied Mathematics and Optimization, 2019, 80, 63-80.	1.6	21

#	Article	IF	Citations
19	On the fractional SchrÃ¶dingerâ€“Kirchhoff equations with electromagnetic fields and critical nonlinearity. Computers and Mathematics With Applications, 2018, 75, 1778-1794.	2.7	39
20	Multiple solutions for a noncooperative Kirchhoffâ€type system involving the fractional pâ€Laplacian and critical exponents. Mathematische Nachrichten, 2018, 291, 1533-1546.	0.8	10
21	On multi-bump solutions of nonlinear SchrÃ¶dinger equation with electromagnetic fields and critical nonlinearity in $$mathbb {R}^N$$ R N. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	10
22	Multiplicity of solutions for the noncooperative SchrÃ¶dingerâ€“Kirchhoff system involving the fractional p-Laplacian in $${mathbb {R}}^N$$ R N. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	27
23	Existence and multiplicity of solutions for fourth-order elliptic equations of Kirchhoff type with critical growth in â„N. Journal of Mathematical Physics, 2016, 57, 111505.	1.1	15
24	Existence of solutions for a class of biharmonic equations with critical nonlinearity in $$mathbb {R}^N$$ R N. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2016, 110, 681-693.	1.2	3
25	Existence of Multi-bump Solutions for a Class of Quasilinear SchrÃ¶dinger Equations in $${mathbb{R}^{N}}$$ R N Involving Critical Growth. Milan Journal of Mathematics, 2015, 83, 55-90.	1.1	7
26	Positive Solutions for Singular Boundary Value Problem with Fractional $$q$$ q -Differences. Bulletin of the Malaysian Mathematical Sciences Society, 2015, 38, 647-666.	0.9	4
27	On somep-Laplacian equation with electromagnetic fields and critical nonlinearity in â„N. Journal of Mathematical Physics, 2015, 56, 041504.	1.1	1
28	Existence of solutions for Kirchhoff type problems with critical nonlinearity in $${mathbb{R}^N}$$ R N. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 547-562.	1.4	11
29	Existence of solutions for Kirchhoff type problems with critical nonlinearity in <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.elsevier. Nonlinear	1.7	62
30	Soliton solutions to Kirchhoff type problems involving the critical growth in. Nonlinear Analysis: Theory, Methods & Applications, 2013, 81, 31-41.	1.1	78
31	Infinitely many small solutions for the p(x)-Laplacian operator with nonlinear boundary conditions. Annali Di Matematica Pura Ed Applicata, 2013, 192, 1-16.	1.0	21
32	Multiple solutions for noncooperative<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>p</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>x</mml:mi><mml:mo>)</mml:mo></mml:mrow> equations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msup></m.	1.0	15
33	Existence of multi-bump solutions for a class of Kirchhoff type problems in $mathbb {R}^3$R3. Journal of Mathematical Physics, 2013, 54, .	1.1	12
34	Multiplicity of solutions to the weighted critical quasilinear problems. Proceedings of the Edinburgh Mathematical Society, 2012, 55, 181-195.	0.3	2
35	Existence and uniqueness of positive solutions for three-point boundary value problem with fractional q-differences. Journal of Applied Mathematics and Computing, 2012, 40, 277-288.	2.5	39
36	Multiplicity of solutions for the noncooperative p(x)-Laplacian operator elliptic system involving the critical growth. Journal of Dynamical and Control Systems, 2012, 18, 379-396.	0.8	6

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37	Existence and uniqueness of positive solutions to nonlinear fractional differential equation with integral boundary conditions. Lithuanian Mathematical Journal, 2012, 52, 62-76.	0.4	4
38	Existence and uniqueness of positive solutions toÂm-point boundary value problem forÂnonlinear fractional differential equation. Journal of Applied Mathematics and Computing, 2012, 38, 225-241.	2.5	16
39	Existence of multiple positive solutions for m-point fractional boundary value problems with p-Laplacian operator on infinite interval. Journal of Applied Mathematics and Computing, 2012, 38, 687-707.	2.5	10
40	Solutions of perturbed SchrÃ¶dinger equations with electromagnetic fields and critical nonlinearity. Proceedings of the Edinburgh Mathematical Society, 2011, 54, 131-147.	0.3	12
41	Multiplicity of solutions for a class of quasilinear elliptic equation involving the critical Sobolev and Hardy exponents. Nonlinear Differential Equations and Applications, 2010, 17, 55-67.	0.8	6
42	Existence of Three Positive Solutions of Three-Order with m-Point Impulsive Boundary Value Problems. Acta Applicandae Mathematicae, 2010, 110, 353-365.	1.0	6
43	Positive Solutions for Singular Third-Order Boundary Value Problem with Dependence on the First Order Derivative on the Half-Line. Acta Applicandae Mathematicae, 2010, 111, 27-43.	1.0	10
44	The existence of countably many positive solutions for some nonlinear three-point boundary problems on the half-line. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 3127-3139.	1.1	8
45	The existence of three positive solutions for some nonlinear boundary value problems on the half-line. Positivity, 2009, 13, 443-457.	0.7	2
46	The method of lower and upper solutions for th-order multi-point boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 4581-4587.	1.1	3
47	Positive solutions for boundary value problems of nonlinear fractional differential equation. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 5545-5550.	1.1	180
48	The existence of three positive solutions of <mml:math 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 problems for some dynamic equations on time scales. Mathematical and Computer Modelling, 2009, 49, 1386-1393.	2.0	5
49	The existence of countably many positive solutions for nonlinear <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>n</mml:mi></mml:math>th-order <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:mi>m</mml:mi></mml:math>-point boundary value problems. Journal of Computational and Applied Mathematics, 2009, 224, 527-537.	2.0	5
50	The existence of multiple positive solutions for multi-point boundary value problems on the half-line. Journal of Computational and Applied Mathematics, 2009, 228, 10-19.	2.0	8
51	The existence of countably many positive solutions for some nonlinear singular three-point impulsive boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 4588-4597.	1.1	11
52	The existence of countably many positive solutions for one-dimensional p-Laplacian with infinitely many singularities on the half-line. Applied Mathematics and Computation, 2008, 201, 210-220.	2.2	7
53	The existence of countably many positive solutions for nonlinear singular <mml:math altimg="si1.gif" 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"	2.0	18
54	The existence of countably many positive solutions for nonlinear singular <mml:math 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 problems on the half-line. Journal of Computational and Applied Mathematics, 2008, 222, 229-243.	2.0	11

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55	On the nonlocal SchrÃ¶dingerâ€poisson type system in the Heisenberg group. Mathematical Methods in the Applied Sciences, 0, , .	2.3	3