

Zhaoli Liu

List of Publications by Year in descending order

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31
papers

1,296
citations

687335
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526264
27
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all docs

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docs citations

31
times ranked

341
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Quasilinear Schrödinger equations involving singular potentials. <i>Nonlinearity</i> , 2022, 35, 1810-1856. | 1.4 | 4 |
| 2 | Transition between nonlinear and linear eigenvalue problems. <i>Journal of Differential Equations</i> , 2020, 269, 10919-10936. | 2.2 | 1 |
| 3 | Professor Dajun Guo: a true mathematician and educator. <i>SN Partial Differential Equations and Applications</i> , 2020, 1, 1. | 0.6 | 0 |
| 4 | Normalized solutions for a class of nonlinear Choquard equations. <i>SN Partial Differential Equations and Applications</i> , 2020, 1, 1. | 0.6 | 23 |
| 5 | A coupled Schrödinger system with critical exponent. <i>Calculus of Variations and Partial Differential Equations</i> , 2020, 59, 1. | 1.7 | 9 |
| 6 | Existence results for a singular quasilinear elliptic equation. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 67-84. | 1.1 | 1 |
| 7 | Multiple solutions of a parameter-dependent quasilinear elliptic equation. <i>Calculus of Variations and Partial Differential Equations</i> , 2016, 55, 1. | 1.7 | 16 |
| 8 | Infinitely many sign-changing solutions for the nonlinear Schrödinger-Poisson system. <i>Annali Di Matematica Pura Ed Applicata</i> , 2016, 195, 775-794. | 1.0 | 124 |
| 9 | Infinitely many solutions of p-sublinear p-Laplacian equations. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 429, 1240-1257. | 1.0 | 6 |
| 10 | Existence and uniqueness of positive solutions of nonlinear Schrödinger systems. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2015, 145, 365-390. | 1.2 | 11 |
| 11 | On Clark's theorem and its applications to partially sublinear problems. <i>Annales De L'Institut Henri Poincaré (C) Analyse Non Lineaire</i> , 2015, 32, 1015-1037. | 1.4 | 64 |
| 12 | Positive solutions of a nonlinear Schrödinger system with nonconstant potentials. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 36, 1431-1464. | 0.9 | 11 |
| 13 | Multiple Bound States of Nonlinear Schrödinger Systems. <i>Communications in Mathematical Physics</i> , 2008, 282, 721-731. | 2.2 | 130 |
| 14 | Sign-changing solutions of nonlinear elliptic equations. <i>Frontiers of Mathematics in China</i> , 2008, 3, 221-238. | 0.7 | 26 |
| 15 | Existence of type (II) regions and convexity and concavity of potential functionals corresponding to jumping nonlinear problems. <i>Calculus of Variations and Partial Differential Equations</i> , 2008, 32, 237-251. | 1.7 | 5 |
| 16 | Multiple solutions of nonlinear Schrödinger equations via flow invariance and Morse theory. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2006, 136, 945-969. | 1.2 | 9 |
| 17 | Multi-bump type nodal solutions having a prescribed number of nodal domains: II. <i>Annales De L'Institut Henri Poincaré (C) Analyse Non Lineaire</i> , 2005, 22, 609-631. | 1.4 | 12 |
| 18 | Schrödinger equations with concave and convex nonlinearities. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2005, 56, 609-629. | 1.4 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nodal solutions of a p-Laplacian equation. Proceedings of the London Mathematical Society, 2005, 91, 129-152. | 1.3 | 134 |
| 20 | Sign Changing Solutions of Superlinear Schrödinger Equations. Communications in Partial Differential Equations, 2005, 29, 25-42. | 2.2 | 162 |
| 21 | On a superlinear elliptic p-Laplacian equation. Journal of Differential Equations, 2004, 198, 149-175. | 2.2 | 143 |
| 22 | MULTIPLE SIGN CHANGING SOLUTIONS OF A QUASILINEAR ELLIPTIC EIGENVALUE PROBLEM INVOLVING THE p-LAPLACIAN. Communications in Contemporary Mathematics, 2004, 06, 245-258. | 1.2 | 30 |
| 23 | On the Ambrosetti-Rabinowitz Superlinear Condition. Advanced Nonlinear Studies, 2004, 4, 563-574. | 1.7 | 132 |
| 24 | Contractibility of level sets of functionals associated with some elliptic boundary value problems and applications. Nonlinear Differential Equations and Applications, 2003, 10, 133-170. | 0.8 | 2 |
| 25 | Localized critical points in Banach spaces and sign changing solutions of nonlinear p-Laplacian equations. , 2003, , . | | 0 |
| 26 | Positive solutions of a class of nonlinear elliptic eigenvalue problems. Mathematische Zeitschrift, 2002, 242, 663-686. | 0.9 | 8 |
| 27 | Four versus two solutions of semilinear elliptic boundary value problems. Calculus of Variations and Partial Differential Equations, 2002, 14, 319-327. | 1.7 | 9 |
| 28 | Multiple and sign changing solutions of an elliptic eigenvalue problem with constraint. Science in China Series A: Mathematics, 2001, 44, 48-57. | 0.5 | 12 |
| 29 | Invariant Sets of Descending Flow in Critical Point Theory with Applications to Nonlinear Differential Equations. Journal of Differential Equations, 2001, 172, 257-299. | 2.2 | 165 |
| 30 | On the Existence of Periodic Solutions for a Nonlinear System of Ordinary Differential Equations. Acta Mathematica Sinica, English Series, 2000, 16, 505-514. | 0.6 | 0 |
| 31 | On the Existence of Periodic Solutions for a Nonlinear System of Ordinary Differential Equations. Acta Mathematica Sinica, 2000, 16, 505-514. | 0.4 | 0 |