Minbo Yang

List of Publications by Year
in descending order

38 papers	**967** citations	516710 **16** h-index	454955 **30** g-index
38 all docs	**38** docs citations	**38** times ranked	**193** citing authors

#	Article	IF	Citations
1	The Brezis-Nirenberg type critical problem for the nonlinear Choquard equation. Science China Mathematics, 2018, 61, 1219-1242.	1.7	170
2	Multi-bump solutions for Choquard equation with deepening potential well. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	91
3	Ground states for nonlinear fractional Choquard equations with general nonlinearities. Mathematical Methods in the Applied Sciences, 2016, 39, 4082-4098.	2.3	73
4	Investigating the multiplicity and concentration behaviour of solutions for a quasi-linear Choquard equation via the penalization method. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2016, 146, 23-58.	1.2	61
5	Existence of solutions for critical Choquard equations via the concentration-compactness method. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 921-954.	1.2	54
6	Uniqueness and nondegeneracy of solutions for a critical nonlocal equation. Discrete and Continuous Dynamical Systems, 2019, 39, 5847-5866.	0.9	54
7	A strongly indefinite Choquard equation with critical exponent due to the Hardy–Littlewood–Sobolev inequality. Communications in Contemporary Mathematics, 2018, 20, 1750037.	1.2	44
8	Semiclassical states for Choquard type equations with critical growth: critical frequency case *. Nonlinearity, 2020, 33, 6695-6728.	1.4	38
9	Multiplicity and concentration of solutions for a quasilinear Choquard equation. Journal of Mathematical Physics, 2014, 55, .	1.1	37
10	Solutions for Discrete Periodic Schrödinger Equations with Spectrum 0. Acta Applicandae Mathematicae, 2010, 110, 1475-1488.	1.0	36
11	Existence of solutions for a nonlinear Choquard equation with potential vanishing at infinity. Advances in Nonlinear Analysis, 2016, 5, .	2.6	35
12	Existence of semiclassical states for a quasilinear Schrödinger equation with critical exponent in $${\mathbb{R}^N}$$. Annali Di Matematica Pura Ed Applicata, 2013, 192, 783-804.	1.0	29
13	On critical Choquard equation with potential well. Discrete and Continuous Dynamical Systems, 2018, 38, 3567-3593.	0.9	28
14	Least action nodal solutions for a quasilinear defocusing Schrödinger equation with supercritical nonlinearity. Communications in Contemporary Mathematics, 2019, 21, 1850026.	1.2	20
15	Existence of semiclassical states for a coupled Schrödinger system with potentials and nonlocal nonlinearities. Zeitschrift Fur Angewandte Mathematik Und Physik, 2014, 65, 41-68.	1.4	18
16	Multiple semiclassical solutions for a nonlinear Choquard equation with magnetic field. Asymptotic Analysis, 2016, 96, 135-159.	0.5	17
17	Multiple solutions for nonhomogeneous Choquard equation involving Hardy–Littlewood–Sobolev critical exponent. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	17
18	On the critical cases of linearly coupled Choquard systems. Applied Mathematics Letters, 2019, 91, 1-8.	2.7	17

#	Article	IF	Citations
19	On elliptic equations with Stein–Weiss type convolution parts. Mathematische Zeitschrift, 2022, 301, 2185-2225.	0.9	16
20	Concentration of Positive Ground State Solutions for Schrödinger–Maxwell Systems with Critical Growth. Advanced Nonlinear Studies, 2016, 16, 389-408.	1.7	13
21	On a class of infinite-dimensional Hamiltonian systems with asymptotically periodic nonlinearities. Chinese Annals of Mathematics Series B, 2011, 32, 45-58.	0.4	9
22	Existence of multiple semiclassical solutions for a critical Choquard equation with indefinite potential. Nonlinear Analysis: Theory, Methods & Applications, 2020, 195, 111817.	1.1	9
23	On a Coupled Schrödinger System with Stein–Weiss Type Convolution Part. Journal of Geometric Analysis, 2021, 31, 10263-10303.	1.0	9
24	Classification of solutions to a nonlocal equation with doubly Hardy-Littlewood-Sobolev critical exponents. Discrete and Continuous Dynamical Systems, 2021, 41, 5209.	0.9	9
25	Stability of Standing Waves for a Generalized Choquard Equation with Potential. Acta Applicandae Mathematicae, 2018, 157, 25-44.	1.0	8
26	Critical Stein–Weiss elliptic systems: symmetry, regularity and asymptotic properties of solutions. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	8
27	Existence of solutions for a system of diffusion equations with spectrum point zero. Zeitschrift Fur Angewandte Mathematik Und Physik, 2014, 65, 325-337.	1.4	7
28	Semiclassical ground state solutions for a Schrödinger equation in with critical exponential growth. Mathematische Nachrichten, 2016, 289, 727-747.	0.8	7
29	Least Energy Nodal Solutions for a Defocusing Schrödinger Equation with Supercritical Exponent. Proceedings of the Edinburgh Mathematical Society, 2019, 62, 1-23.	0.3	7
30	Ground State Solutions for a Class of Strongly Indefinite Choquard Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 3271-3304.	0.9	6
31	Infinitely many non-radial solutions for a Choquard equation. Advances in Nonlinear Analysis, 2022, 11, 1085-1096.	2.6	6
32	On a class of coupled critical Hartree system with deepening potential. Mathematical Methods in the Applied Sciences, 2021, 44, 772-798.	2.3	5
33	Bifurcation analysis for a modified quasilinear equation with negative exponent. Advances in Nonlinear Analysis, 2021, 11, 684-701.	2.6	4
34	Existence of solutions for a weakly coupled Schrödinger system with critical growth. Mathematical Methods in the Applied Sciences, 0, , .	2.3	2
35	Critical gauged Schrödinger equations in $ \mathbb{R}^2 $ with vanishing potentials. Discrete and Continuous Dynamical Systems, 2022, 42, 4415.	0.9	2
36	Multi–peak standing waves for nonlinear Schrödinger equations involving critical growth. Mathematische Nachrichten, 2017, 290, 1588-1601.	0.8	1

#	Article	IF	Citations
37	Standing waves to discrete vector nonlinear Schrödinger equation. Journal of Difference Equations and Applications, 2011, 17, 1455-1469.	1.1	0
38	Existence of positive solutions to nonlinear integral equations on the Heisenberg group. Complex Variables and Elliptic Equations, 0, , 1-24.	0.8	0