OlÃ-mpio H Miyagaki

List of Publications by Year
in descending order

64 papers	1,526 citations	430843 18 h-index	315719 38 g-index
65 all docs	65 docs citations	65 times ranked	406 citing authors

#	Article	IF	Citations
1	Elliptic equations in R2 with nonlinearities in the critical growth range. Calculus of Variations and Partial Differential Equations, 1995, 3, 139-153.	1.7	325
2	Superlinear problems without Ambrosetti and Rabinowitz growth condition. Journal of Differential Equations, 2008, 245, 3628-3638.	2.2	177
3	Soliton solutions for quasilinear SchrÃ¶dinger equations with critical growth. Journal of Differential Equations, 2010, 248, 722-744.	2.2	146
4	Existence and concentration of solution for a class of fractional elliptic equation in $$mathbb {R}^N$$ R N via penalization method. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	105
5	Soliton solutions for quasilinear SchrÃ¶dinger equations: The critical exponential case. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 3357-3372.	1.1	77
6	Nontrivial Solutions for Perturbations of the p-Laplacian on Unbounded Domains. Journal of Mathematical Analysis and Applications, 1995, 193, 737-755.	1.0	65
7	Existence of homoclinic orbits for asymptotically periodic systems involving Duffing-like equation. Applied Mathematics Letters, 2003, 16, 639-642.	2.7	60
8	On nonlinear perturbations of a periodic elliptic problem in involving critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2004, 56, 781-791.	1.1	56
9	Normalized solutions for a SchrÃ¶dinger equation with critical growth in $${mathbb {R}}^{N}$$. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	41
10	Sobolev spaces of symmetric functions and applications. Journal of Functional Analysis, 2011, 261, 3735-3770.	1.4	40
11	Nonautonomous fractional problems with exponential growth. Nonlinear Differential Equations and Applications, 2015, 22, 1395-1410.	0.8	32
12	On positive solutions for a class of singular quasilinear elliptic systems. Journal of Mathematical Analysis and Applications, 2007, 334, 818-833.	1.0	31
13	Existence and Multiplicity of Solutions for a Class of Elliptic Equations Without Ambrosettiâ€“Rabinowitz Type Conditions. Journal of Dynamics and Differential Equations, 2018, 30, 405-432.	1.9	28
14	Subcritical perturbations of a singular quasilinear elliptic equation involving the critical Hardyâ€“Sobolev exponent. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 1351-1364.	1.1	27
15	Existence of a nontrivial solution for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mrow><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>q</mml:mi><mml:mo>)</mml:mo></mml:mrow></mml:math>-Laplacian 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></mml:math>.	1.1	26
16	Existence of positive bound states of nonlinear SchrÃ¶dinger equations with saddle-like potential. Nonlinear Analysis: Theory, Methods & Applications, 1998, 34, 979-989.	1.1	23
17	Multiple positive solutions for semilinear elliptic equations in N involving subcritical exponents. Nonlinear Analysis: Theory, Methods & Applications, 1998, 32, 41-51.	1.1	21
18	Periodic solutions for extended Fisherâ€“Kolmogorov and Swiftâ€“Hohenberg equations by truncature techniques. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 3076-3083.	1.1	21

#	Article	IF	Citations
19	Concentration Phenomena for Fractional Elliptic Equations Involving Exponential Critical Growth. Advanced Nonlinear Studies, 2016, 16, 843-861.	1.7	17
20	Nonlocal Kirchhoff problems with Trudingerâ€“Moser critical nonlinearities. Nonlinear Differential Equations and Applications, 2019, 26, 1.	0.8	16
21	A Sign-Changing Solution for an Asymptotically Linear SchrÃ¶dinger Equation. Proceedings of the Edinburgh Mathematical Society, 2015, 58, 697-716.	0.3	12
22	Soliton Solutions to a Class of Quasilinear Elliptic Equations on â„. Advanced Nonlinear Studies, 2007, 7, 579-597.	1.7	11
23	On the existence and concentration of positive solutions to a class of quasilinear elliptic problems on documentclass{article}usepackage{amssymb}egin{document}pagestyle{empty}$mathbb {R}$end{document}. Mathematische Nachrichten, 2011, 284, 1784-1795.	0.8	11
24	Multiplicity of solutions for critical singular problems. Applied Mathematics Letters, 2006, 19, 741-746.	2.7	9
25	Solitary waves for a class of generalized Kadomtsev-Petviashvili equation in RN with positive and zero mass. Journal of Mathematical Analysis and Applications, 2019, 477, 523-535.	1.0	9
26	Multiple positive solutions for semilinear Dirichlet problems with sign-changing weight function in infinite strip domains. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 3434-3447.	1.1	8
27	Positive Solution for a Class of Degenerate Quasilinear Elliptic Equations in R N. Milan Journal of Mathematics, 2014, 82, 213-231.	1.1	8
28	Nonnegative solution for quasilinear SchrÃ¶dinger equations that include supercritical exponents with nonlinearities that are indefinite in sign. Journal of Mathematical Analysis and Applications, 2015, 421, 643-655.	1.0	8
29	Multiplicity of nonnegative solutions for quasilinear SchrÃ¶dinger equations. Journal of Mathematical Analysis and Applications, 2016, 434, 939-955.	1.0	8
30	Remarks about a generalized pseudo-relativistic Hartree equation. Journal of Differential Equations, 2019, 266, 876-909.	2.2	7
31	A Fractional p-Laplacian Problem with Multiple Critical Hardyâ€“Sobolev Nonlinearities. Milan Journal of Mathematics, 2020, 88, 65-97.	1.1	7
32	Existence and multiplicity of solutions for the fractional p-Laplacian Choquard logarithmic equation involving a nonlinearity with exponential critical and subcritical growth. Journal of Mathematical Physics, 2021, 62, .	1.1	7
33	Existence of solutions for a class of degenerate quasilinear elliptic equation in "Equation missing" <!-- No EquationSource Format="TEX", only image and EquationSource Format="MATHML" --> with vanishing potentials. Boundary Value Problems, 2013, 2013, .	0.7	6
34	Existence, regularity, and concentration phenomenon of nontrivial solitary waves for a class of generalized variable coefficient Kadomtsev-Petviashvili equation. Journal of Mathematical Physics, 2017, 58, .	1.1	6
35	Existence results for quasilinear elliptic exterior problems involving convection term and nonlinear Robin boundary conditions. Journal of Mathematical Analysis and Applications, 2010, 368, 578-586.	1.0	5
36	Nonlinear perturbations of a periodic SchrÃ¶dinger equation with supercritical growth. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 2379-2394.	1.4	5

#	ARTICLE	IF	CITATIONS
37	A class of elliptic equations involving nonlocal integrodifferential operators with sign-changing weight functions. Journal of Mathematical Physics, 2020, 61, 051503.	1.1	5
38	Existence and nonexistence results for a class of Hamiltonian Choquard-type elliptic systems with lower critical growth on â„‹sup›2‹/sup›. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2022, 152, 1383-1410.	1.2	5
39	Solution to biharmonic equation with vanishing potential. Illinois Journal of Mathematics, 2013, 57, .	0.1	5
40	On positive solution for a class of degenerate quasilinear elliptic positone/semipositone systems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 99-116.	1.1	4
41	A note on existence of antisymmetric solutions for a class of nonlinear SchrÃ¶dinger equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2011, 62, 67-86.	1.4	4
42	Quasilinear elliptic system in exterior domains with dependence on the gradient. Mathematische Nachrichten, 2014, 287, 361-373.	0.8	4
43	Existence of solution for a class of quasilinear SchrÃ¶dinger equation inRNwith zero-mass. Journal of Mathematical Analysis and Applications, 2019, 477, 912-929.	1.0	4
44	A CLASS OF CRITICAL KIRCHHOFF PROBLEM ON THE HYPERBOLIC SPACE. Glasgow Mathematical Journal, 2020, 62, 109-122.	0.3	4
45	A class of nonlinear elliptic systems with Steklov-Neumann nonlinear boundary conditions. Rocky Mountain Journal of Mathematics, 2016, 46, .	0.4	3
46	On a Quasilinear SchrÃ¶dinger Problem at Resonance. Advanced Nonlinear Studies, 2016, 16, 569-580.	1.7	3
47	The first eigenvalue for a quasilinear SchrÃ¶dinger operator and its application. Applicable Analysis, 2018, 97, 499-512.	1.3	3
48	On a class of Hamiltonian Choquard-type elliptic systems. Journal of Mathematical Physics, 2020, 61, .	1.1	3
49	Nontrivial Solutions of a Class of Quasilinear Elliptic Problems Involving Critical Exponents. , 2003, , 225-238.		3
50	Steklov-Neumann Eigenproblens: A Spectral Characterization of the Sobolev Trace Spaces. Milan Journal of Mathematics, 2015, 83, 177-198.	1.1	2
51	Positive solutions for a class of elliptic systems with singular potentials. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 317-339.	1.4	2
52	Ground states of degenerate quasilinear SchrÃ¶dinger equation with vanishing potentials. Nonlinear Analysis: Theory, Methods & Applications, 2019, 189, 111587.	1.1	2
53	Asymptotic behavior of ground states of generalized pseudo-relativistic Hartree equation. Asymptotic Analysis, 2019, , 1-27.	0.5	2
54	Critical fractional elliptic equations with exponential growth. Journal of Elliptic and Parabolic Equations, 2021, 7, 75-99.	0.9	2

#	ARTICLE	IF	CITATIONS
55	Multiplicity results for elliptic problems involving nonlocal integrodifferential operators without Ambrosetti-Rabinowitz condition. Discrete and Continuous Dynamical Systems, 2022, 42, 3329.	0.9	2
56	Standing waves for a system of nonlinear SchrÃ¶dinger equations in R N. Asymptotic Analysis, 2016, 96, 351-372.	0.5	1
57	Singular nonhomogeneous quasilinear elliptic equations with a convection term. Mathematische Nachrichten, 2017, 290, 2280-2295.	0.8	1
58	Existence and Concentration of Solutions for a Class of Elliptic Kirchhoffâ€“SchrÃ¶dinger Equations with Subcritical and Critical Growth. Milan Journal of Mathematics, 2020, 88, 385-407.	1.1	1
59	A class of elliptic systemsinvolving N-functions. Applied Mathematics Letters, 2004, 17, 1343-1348.	2.7	0
60	An example of noncontinuous attractors. Journal of Evolution Equations, 2015, 15, 979-1000.	1.1	0
61	SchrÃ¶dinger equations involving fractional p-Laplacian with supercritical exponent. Complex Variables and Elliptic Equations, 2020, , 1-14.	0.8	0
62	On a class of degenerate quasilinear elliptic equations with zero mass. Complex Variables and Elliptic Equations, 0, , 1-28.	0.8	0
63	Multiplicity results for equations with subcritical Hardy-Sobolev exponent and singularities on a half-space. Matematica Contemporanea, 2007, 32, .	0.0	0
64	Multiplicity of Nontrivial Solutions to a Problem Involving the Weighted p-Biharmonic Operator. Matematica Contemporanea, 2008, 36, .	0.0	0