## Juncheng Wei

List of Publications by Year in descending order

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LUNCHENC WEI

#	Article	IF	CITATIONS
1	Ground State of N Coupled Nonlinear Schr�dinger Equations in Rn,n?3. Communications in Mathematical Physics, 2005, 255, 629-653.	2.2	351
2	Classification of solutions of higher order conformally invariant equations. Mathematische Annalen, 1999, 313, 207-228.	1.4	281
3	Multiple interior peak solutions for some singularly perturbed neumann problems. Journal of Differential Equations, 1999, 158, 1-27.	2.2	191
4	The stability of spike solutions to the one-dimensional Gierer–Meinhardt model. Physica D: Nonlinear Phenomena, 2001, 150, 25-62.	2.8	188
5	Concentrating standing waves for the fractional nonlinear Schrödinger equation. Journal of Differential Equations, 2014, 256, 858-892.	2.2	180
6	On De Giorgi's conjecture in dimension N≥9. Annals of Mathematics, 2011, 174, 1485-1569.	4.2	165
7	Bound states for a coupled Schrödinger system. Journal of Fixed Point Theory and Applications, 2007, 2, 353-367.	1.1	163
8	Radial Solutions and Phase Separation in a System of Two Coupled Schrödinger Equations. Archive for Rational Mechanics and Analysis, 2008, 190, 83-106.	2.4	154
9	Multiple boundary peak solutions for some singularly perturbed Neumann problems. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2000, 17, 47-82.	1.4	150
10	Strongly interacting bumps for the Schrödinger–Newton equations. Journal of Mathematical Physics, 2009, 50, .	1.1	142
11	Infinitely many solutions for the prescribed scalar curvature problem on <mmi:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"&gt;<mml:msup><mml:mi mathvariant="double-struck"&gt;S<mml:mi>N</mml:mi></mml:mi </mml:msup>. Journal of</mmi:math 	1.4	141
12	Punctional Analysis, 2010, 258, 3048-3081. On single interior spike solutions of the Gierer–Meinhardt system: uniqueness and spectrum estimates. European Journal of Applied Mathematics, 1999, 10, 353-378.	2.9	138
13	On Multiple Mixed Interior and Boundary Peak Solutions for Some Singularly Perturbed Neumann Problems. Canadian Journal of Mathematics, 2000, 52, 522-538.	0.6	134
14	Infinitely many positive solutions for the nonlinear SchrĶdinger equations in \$\${mathbb{R}^N}\$\$. Calculus of Variations and Partial Differential Equations, 2010, 37, 423-439.	1.7	104
15	Stationary solutions for the Cahn-Hilliard equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 1998, 15, 459-492.	1.4	102
16	On the Multiplicity of Solutions of Two Nonlocal Variational Problems. SIAM Journal on Mathematical Analysis, 2000, 31, 909-924.	1.9	97
17	On the Role of Mean Curvature in Some Singularly Perturbed Neumann Problems. SIAM Journal on Mathematical Analysis, 1999, 31, 63-79.	1.9	96
18	On positive solutions concentrating on spheres for the Gierer–Meinhardt system. Journal of Differential Equations, 2006, 221, 158-189.	2.2	79

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19	Stability analysis of Turing patterns generated by the Schnakenberg model. Journal of Mathematical Biology, 2004, 49, 358-390.	1.9	78
20	Existence of multipeak solutions for a semilinear Neumann problem via nonsmooth critical point theory. Calculus of Variations and Partial Differential Equations, 2000, 11, 143-175.	1.7	75
21	Spikes for the Gierer–Meinhardt System in Two Dimensions: The Strong Coupling Case. Journal of Differential Equations, 2002, 178, 478-518.	2.2	74
22	The Existence and Stability of Asymmetric Spike Patterns for the Schnakenberg Model. Studies in Applied Mathematics, 2002, 109, 229-264.	2.4	72
23	Multi-Peak Solutions for a Wide Class of Singular Perturbation Problems. Journal of the London Mathematical Society, 1999, 59, 585-606.	1.0	70
24	Multiple-end solutions to the Allenâ€"Cahn equation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"&gt;<mml:msup><mml:mi mathvariant="double-struck"&gt;R<mml:mn>2</mml:mn></mml:mi </mml:msup>. Journal of</mml:math 	1.4	70
25	The existence and stability of spike equilibria in the one-dimensional Gray–Scott model: The pulse-splitting regime. Physica D: Nonlinear Phenomena, 2005, 202, 258-293.	2.8	68
26	On energy minimizers of the diblock copolymer problem. Interfaces and Free Boundaries, 2003, 5, 193-238.	0.8	61
27	Classification and nondegeneracy of SU(n+1) Toda system with singular sources. Inventiones Mathematicae, 2012, 190, 169-207.	2.5	61
28	A monotonicity formula and a Liouville-type theorem for a fourth order supercritical problem. Advances in Mathematics, 2014, 258, 240-285.	1.1	61
29	STATIONARY STATES OF NONLINEAR DIRAC EQUATIONS WITH GENERAL POTENTIALS. Reviews in Mathematical Physics, 2008, 20, 1007-1032.	1.7	60
30	Standing waves in the Maxwell-Schrödinger equation and an optimal configuration problem. Calculus of Variations and Partial Differential Equations, 2006, 25, 105-137.	1.7	59
31	The Existence and Stability of Spike Equilibria in the Oneâ€Dimensional Gray–Scott Model: The Low Feedâ€Rate Regime. Studies in Applied Mathematics, 2005, 115, 21-71.	2.4	57
32	Stationary multiple spots for reaction–diffusion systems. Journal of Mathematical Biology, 2008, 57, 53-89.	1.9	57
33	On the Two-Dimensional GiererMeinhardt System with Strong Coupling. SIAM Journal on Mathematical Analysis, 1999, 30, 1241-1263.	1.9	56
34	Self-similar solutions for the anisotropic affine curve shortening problem. Calculus of Variations and Partial Differential Equations, 2001, 13, 311-337.	1.7	56
35	Asymptotic behavior of a nonlinear fourth order eigenvalue problem. Communications in Partial Differential Equations, 1996, 21, 1451-1467.	2.2	54
36	MANY DROPLET PATTERN IN THE CYLINDRICAL PHASE OF DIBLOCK COPOLYMER MORPHOLOGY. Reviews in Mathematical Physics, 2007, 19, 879-921.	1.7	54

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37	Regularization of Point Vortices Pairs for the Euler Equation in Dimension Two. Archive for Rational Mechanics and Analysis, 2014, 212, 179-217.	2.4	53
38	Sign-changing blowing-up solutions for supercritical Bahri–Coron's problem. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	51
39	On the Spectra of Three-Dimensional Lamellar Solutions of the Diblock Copolymer Problem. SIAM Journal on Mathematical Analysis, 2003, 35, 1-32.	1.9	50
40	Spherical Solutions to a Nonlocal Free Boundary Problem from Diblock Copolymer Morphology. SIAM Journal on Mathematical Analysis, 2008, 39, 1497-1535.	1.9	50
41	Existence and stability of multiple-spot solutions for the Gray–Scott model in R2. Physica D: Nonlinear Phenomena, 2003, 176, 147-180.	2.8	49
42	The Toda System and Clustering Interfaces in the Allen–Cahn equation. Archive for Rational Mechanics and Analysis, 2008, 190, 141-187.	2.4	49
43	On Phase-Separation Models: Asymptotics and Qualitative Properties. Archive for Rational Mechanics and Analysis, 2013, 208, 163-200.	2.4	48
44	Pattern formations in two-dimensional Gray–Scott model: existence of single-spot solutions and their stability. Physica D: Nonlinear Phenomena, 2001, 148, 20-48.	2.8	45
45	Concentrating solutions for the Hénon equation in â"2. Journal D'Analyse Mathematique, 2006, 100, 249-280.	0.8	45
46	On entire solutions of an elliptic system modeling phase separations. Advances in Mathematics, 2013, 243, 102-126.	1.1	45
47	On the role of distance function in some singular perturbation problems. Communications in Partial Differential Equations, 2000, 25, 155-177.	2.2	44
48	Concentrically layered energy equilibria of the di-block copolymer problem. European Journal of Applied Mathematics, 2002, 13, 479-496.	2.9	44
49	The Toda system and multiple-end solutions of autonomous planar elliptic problems. Advances in Mathematics, 2010, 224, 1462-1516.	1.1	43
50	On the fractional Lane-Emden equation. Transactions of the American Mathematical Society, 2017, 369, 6087-6104.	0.9	41
51	On the interior spike solutions for some singular perturbation problems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1998, 128, 849-874.	1.2	40
52	Existence, Classification and Stability Analysis of Multiple-peaked Solutions for the Gierer-Meinhardt System in R <sup>1</sup> . Methods and Applications of Analysis, 2007, 14, 119-164.	0.5	40
53	Multi-peak solutions for some singular perturbation problems. Calculus of Variations and Partial Differential Equations, 2000, 10, 119-134.	1.7	39
54	Collapsing steady states of the Keller–Segel system. Nonlinearity, 2006, 19, 661-684.	1.4	39

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55	Interface Foliation near Minimal Submanifolds in Riemannian Manifolds with Positive Ricci Curvature. Geometric and Functional Analysis, 2010, 20, 918-957.	1.8	39
56	A Neumann problem with critical exponent in nonconvex domains and Lin-Ni's conjecture. Transactions of the American Mathematical Society, 2010, 362, 4581-4615.	0.9	38
57	Finite-energy sign-changing solutions with dihedral symmetry for the stationary nonlinear SchrĶdinger equation. Journal of the European Mathematical Society, 2012, 14, 1923-1953.	1.4	38
58	Infinitely many positive solutions for an elliptic problem with critical or supercritical growth. Journal Des Mathematiques Pures Et Appliquees, 2011, 96, 307-333.	1.6	37
59	Entire solutions of the Allen-Cahn equation and complete embedded minimal surfaces of finite total curvature in \$mathbb{R}^3\$. Journal of Differential Geometry, 2013, 93, .	1.1	37
60	Asymmetric Spotty Patterns for the Gray-Scott Model in R2. Studies in Applied Mathematics, 2003, 110, 63-102.	2.4	36
61	Existence and Stability of Spikes for the Gierer–Meinhardt System. Handbook of Differential Equations: Stationary Partial Differential Equations, 2008, 5, 487-585.	0.7	36
62	Ground states of nonlinear SchrĶdinger systems with mixed couplings. Journal Des Mathematiques Pures Et Appliquees, 2020, 141, 50-88.	1.6	36
63	Wriggled Lamellar Solutions and Their Stability in the Diblock Copolymer Problem. SIAM Journal on Mathematical Analysis, 2005, 37, 455-489.	1.9	35
64	Supercritical elliptic problems in domains with small holes. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2007, 24, 507-520.	1.4	35
65	Fast and slow decay solutions for supercritical elliptic problems in exterior domains. Calculus of Variations and Partial Differential Equations, 2008, 32, 453-480.	1.7	35
66	Liouville theorems for stable solutions of biharmonic problem. Mathematische Annalen, 2013, 356, 1599-1612.	1.4	35
67	Bubbling solutions for an anisotropic Emden–Fowler equation. Calculus of Variations and Partial Differential Equations, 2006, 28, 217-247.	1.7	34
68	Infinitely many turning points for an elliptic problem with a singular non-linearity. Journal of the London Mathematical Society, 2008, 78, 21-35.	1.0	33
69	Local Uniqueness and Refined Spike Profiles of Ground States for Two-Dimensional Attractive Bose-Einstein Condensates. SIAM Journal on Mathematical Analysis, 2017, 49, 3671-3715.	1.9	33
70	Delaunay-type singular solutions for the fractional Yamabe problem. Mathematische Annalen, 2017, 369, 597-626.	1.4	33
71	Existence, stability and metastability of point condensation patterns generated by the Gray-Scott system. Nonlinearity, 1999, 12, 593-616.	1.4	32
72	Vortex-peak interaction and lattice shape in rotating two-component Bose-Einstein condensates. Physical Review A, 2012, 85, .	2.5	32

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73	Infinitely many positive solutions for nonlinear equations with non-symmetric potentials. Calculus of Variations and Partial Differential Equations, 2014, 51, 761-798.	1.7	32
74	Multi-bump ground states ofÂtheÂGierer–Meinhardt system in â"2. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2003, 20, 53-85.	1.4	31
75	Nonradial solutions for a conformally invariant fourth order equation in \$\$mathbb {R}^4\$\$. Calculus of Variations and Partial Differential Equations, 2008, 32, 373-386.	1.7	31
76	Multi-bump solutions of -Δ <i>n</i> = <i>K</i> ( <i>x</i> ) <i>u</i> <sup>(<i>n</i>+2)/(<i>n</i>-2)</sup> on lattices in â,, <sup> <i>n</i> </sup> . Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 163-211.	0.9	31
77	Gluing Methods for Vortex Dynamics in Euler Flows. Archive for Rational Mechanics and Analysis, 2020, 235, 1467-1530.	2.4	31
78	On the profile of solutions with two sharp layers to a singularly perturbed semilinear Dirichlet problem. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1997, 127, 691-701.	1.2	30
79	Stable solutions of the Allen–Cahn equation in dimension 8 and minimal cones. Journal of Functional Analysis, 2013, 264, 1131-1167.	1.4	30
80	Mathematical Aspects of Pattern Formation in Biological Systems. Applied Mathematical Sciences (Switzerland), 2014, , .	0.8	29
81	Existence and stability analysis of asymmetric patterns for the Gierer–Meinhardt system. Journal Des Mathematiques Pures Et Appliquees, 2004, 83, 433-476.	1.6	28
82	Standing waves for supercritical nonlinear Schrödinger equations. Journal of Differential Equations, 2007, 236, 164-198.	2.2	28
83	Intermediate reduction method and infinitely many positive solutions of nonlinear Schrödinger equations with non-symmetric potentials. Calculus of Variations and Partial Differential Equations, 2015, 53, 473-523.	1.7	28
84	Arbitrary Number of Positive Solutions For an Elliptic Problem with Critical Nonlinearity. Journal of the European Mathematical Society, 2005, 7, 449-476.	1.4	27
85	On Lin-Ni's conjecture in convex domains. Proceedings of the London Mathematical Society, 2011, 102, 1099-1126.	1.3	26
86	Serrin's overdetermined problem and constant mean curvature surfaces. Duke Mathematical Journal, 2015, 164, .	1.5	26
87	Nondegeneracy of Nodal Solutions to the Critical Yamabe Problem. Communications in Mathematical Physics, 2015, 340, 1049-1107.	2.2	26
88	Locating the peaks of solutions via the maximum principle II: A local version of the method of moving planes. Communications on Pure and Applied Mathematics, 2003, 56, 784-809.	3.1	25
89	Non-simple blow-up solutions for the Neumann two-dimensional sinh-Gordon equation. Calculus of Variations and Partial Differential Equations, 2009, 34, 341-375.	1.7	25
90	Qualitative properties of entire radial solutions for a biharmonic equation with supercritical nonlinearity. Proceedings of the American Mathematical Society, 2010, 138, 3957-3957.	0.8	25

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91	Nonlocal \$s\$-minimal surfaces and Lawson cones. Journal of Differential Geometry, 2018, 109, .	1.1	25
92	Boundary interface for the Allen–Cahn equation. Journal of Fixed Point Theory and Applications, 2007, 1, 305-336.	1.1	24
93	Singularity formation for the two-dimensional harmonic map flow into \$\$\$^2\$\$. Inventiones Mathematicae, 2020, 219, 345-466.	2.5	24
94	Uniqueness and critical spectrum of boundary spike solutions. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2001, 131, 1457-1480.	1.2	23
95	Stability of spot and ring solutions of the diblock copolymer equation. Journal of Mathematical Physics, 2004, 45, 4106-4133.	1.1	23
96	2Ï€-periodic self-similar solutions for the anisotropic affine curve shortening problem. Calculus of Variations and Partial Differential Equations, 2011, 41, 535-565.	1.7	23
97	Traveling Waves with Multiple and Nonconvex Fronts for a Bistable Semilinear Parabolic Equation. Communications on Pure and Applied Mathematics, 2013, 66, 481-547.	3.1	23
98	Droplet solutions in the diblock copolymer problem with skewed monomer composition. Calculus of Variations and Partial Differential Equations, 2006, 25, 333-359.	1.7	22
99	Concentration on lines for a singularly perturbed Neumann problem in two-dimensional domains. Indiana University Mathematics Journal, 2007, 56, 3025-3074.	0.9	22
100	An optimal bound on the number of interior spike solutions for the Lin–Ni–Takagi problem. Journal of Functional Analysis, 2013, 265, 1324-1356.	1.4	22
101	On stable solutions of the fractional Hénon–Lane–Emden equation. Communications in Contemporary Mathematics, 2016, 18, 1650005.	1.2	22
102	Pattern Formation in a Reaction-Diffusion System with Space-Dependent Feed Rate. SIAM Review, 2018, 60, 626-645.	9.5	22
103	Arbitrary many boundary peak solutions for an elliptic Neumann problem with critical growth. Journal Des Mathematiques Pures Et Appliquees, 2007, 88, 350-378.	1.6	21
104	Flow-distributed spikes for Schnakenberg kinetics. Journal of Mathematical Biology, 2012, 64, 211-254.	1.9	21
105	On higher-dimensional singularities for the fractional Yamabe problem: A nonlocal Mazzeo–Pacard program. Duke Mathematical Journal, 2019, 168, .	1.5	21
106	Symmetry of non-negative solutions of a semilinear elliptic equation with singular nonlinearity. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2007, 137, 963-994.	1.2	20
107	Sharp estimates for fully bubbling solutions of a SU(3) Toda system. Geometric and Functional Analysis, 2012, 22, 1591-1635.	1.8	20
108	Type II Blow-up in the 5-dimensional Energy Critical Heat Equation. Acta Mathematica Sinica, English Series, 2019, 35, 1027-1042.	0.6	20

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109	On the Gierer-Meinhardt system with precursors. Discrete and Continuous Dynamical Systems, 2009, 25, 363-398.	0.9	20
110	Dynamics of metastable localized patterns and its application to the interaction of spike solutions for the Gierer-Meinhardt systems in two spatial dimensions. Japan Journal of Industrial and Applied Mathematics, 2002, 19, 181-226.	0.9	19
111	Traveling wave solutions of the SchrĶdinger map equation. Communications on Pure and Applied Mathematics, 2010, 63, 1585-1621.	3.1	19
112	A Double Bubble in a Ternary System with Inhibitory Long Range Interaction. Archive for Rational Mechanics and Analysis, 2013, 208, 201-253.	2.4	19
113	A Double Bubble Assembly as a New Phase of a Ternary Inhibitory System. Archive for Rational Mechanics and Analysis, 2015, 215, 967-1034.	2.4	19
114	Stable spike clusters for the one-dimensional Gierer–Meinhardt system. European Journal of Applied Mathematics, 2017, 28, 576-635.	2.9	19
115	Schrödinger–Poisson systems in the 3-sphere. Calculus of Variations and Partial Differential Equations, 2013, 47, 25-54.	1.7	18
116	Finite Morse Index Implies Finite Ends. Communications on Pure and Applied Mathematics, 2019, 72, 1044-1119.	3.1	18
117	The Linear Stability of Symmetric Spike Patterns for a Bulk-Membrane Coupled Gierer–Meinhardt Model. SIAM Journal on Applied Dynamical Systems, 2019, 18, 729-768.	1.6	18
118	On the number of nodal solutions to a singularly perturbed Neumann problem. Manuscripta Mathematica, 2005, 117, 333-344.	0.6	17
119	Existence and concentration of semi-classical solutions for a nonlinear Maxwell-Dirac system. Journal of Mathematical Physics, 2013, 54, 061505.	1.1	17
120	On the uniqueness of solutions of a nonlocal elliptic system. Mathematische Annalen, 2016, 365, 105-153.	1.4	17
121	Infinite-time blow-up for the 3-dimensional energy-critical heat equation. Analysis and PDE, 2020, 13, 215-274.	1.4	17
122	Travelling and rotating solutions to the generalized inviscid surface quasi-geostrophic equation. Transactions of the American Mathematical Society, 2021, 374, 6665-6689.	0.9	17
123	Uniqueness and a priori estimates for some nonlinear elliptic Neumann equations in â"3. Pacific Journal of Mathematics, 2005, 221, 159-165.	0.5	17
124	Resonant states for the static Klein–Gordon–Maxwell–Proca system. Mathematical Research Letters, 2012, 19, 953-967.	0.5	17
125	Critical Threshold and Stability of Cluster Solutions for Large Reaction-Diffusion Systems inR1. SIAM Journal on Mathematical Analysis, 2002, 33, 1058-1089.	1.9	16
126	Non-compactness of the prescribed Q-curvature problem in large dimensions. Calculus of Variations and Partial Differential Equations, 2013, 46, 123-164.	1.7	16

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127	Global minimizers of the Allen–Cahn equation in dimension n≥ 8. Journal Des Mathematiques Pures Et Appliquees, 2017, 108, 818-840.	1.6	16
128	ON THE GIERER–MEINHARDT SYSTEM WITH SATURATION. Communications in Contemporary Mathematics, 2004, 06, 259-277.	1.2	15
129	Stable spike clusters for the precursor Gierer–Meinhardt system in \$\$mathbb {R}^2\$\$ R 2. Calculus of Variations and Partial Differential Equations, 2017, 56, 142.	1.7	15
130	Degree counting and Shadow system for Toda system of rank two: One bubbling. Journal of Differential Equations, 2018, 264, 4343-4401.	2.2	15
131	Conditions for two-peaked solutions of singularly perturbed elliptic equations. Manuscripta Mathematica, 1998, 96, 113-131.	0.6	14
132	Asymptotic behavior of SU(3) Toda system in a bounded domain. Manuscripta Mathematica, 2012, 137, 1-18.	0.6	14
133	On the location of spikes and profile of nodalsolutions for a singularly perturbed neumann problem. Communications in Partial Differential Equations, 1998, 23, 793-816.	2.2	13
134	On Ambrosetti–Malchiodi–Ni Conjecture for General Hypersurfaces. Communications in Partial Differential Equations, 2011, 36, 2117-2161.	2.2	13
135	Point Ruptures for a MEMS Equation with Fringing Field. Communications in Partial Differential Equations, 2012, 37, 1462-1493.	2.2	13
136	Estimates for Liouville equation with quantized singularities. Advances in Mathematics, 2021, 380, 107606.	1.1	13
137	Excited states of Bose–Einstein condensates with degenerate attractive interactions. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	13
138	On least energy solutions to a semilinear elliptic equation in a strip. Discrete and Continuous Dynamical Systems, 2010, 28, 1083-1099.	0.9	13
139	Sign-changing solutions for supercritical elliptic problems in domains with small holes. Manuscripta Mathematica, 2007, 123, 493-511.	0.6	12
140	Spikes for the Gierer–Meinhardt System withÂDiscontinuous DiffusionÂCoefficients. Journal of Nonlinear Science, 2009, 19, 301-339.	2.1	12
141	On large ring solutions for Giererat "Meinhardt system in < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> < mml:msup> < mml:mrow> < mml:mi mathvariant="double-struck"> R  < mml:mrow> < mml:mrow> <td>2.2 nl:msup&gt;∢</td> <td>12 :/mml:math&gt;</td>	2.2 nl:msup>∢	12 :/mml:math>
142	Journal of Offerential Equations, 2010, 205, 1406-1496. Double tori solution to an equation of mean curvature and Newtonian potential. Calculus of Variations and Partial Differential Equations, 2014, 49, 987-1018.	1.7	12
143	Logarithmic Expansions and the Stability of Periodic Patterns of Localized Spots for Reaction–Diffusion Systems in \$\${mathbb {R}}^2\$\$ R 2. Journal of Nonlinear Science, 2014, 24, 857-912.	2.1	12
144	End-to-end construction for the Allen–Cahn equation in the plane. Calculus of Variations and Partial Differential Equations, 2015, 52, 281-302.	1.7	12

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145	A bifurcation diagram of solutions to an elliptic equation with exponential nonlinearity in higher dimensions. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2018, 148, 101-122.	1.2	12
146	Existence of positive weak solutions for fractional Lane–Emden equations with prescribed singular sets. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	12
147	A gluing approach for the fractional Yamabe problem with isolated singularities. Journal Fur Die Reine Und Angewandte Mathematik, 2020, 2020, 25-78.	0.9	12
148	Singular Limits of a Two-Dimensional Boundary Value Problem Arising in Corrosion Modelling. Archive for Rational Mechanics and Analysis, 2006, 182, 181-221.	2.4	11
149	Stability of spikes in the shadow Gierer-Meinhardt system with Robin boundary conditions. Chaos, 2007, 17, 037106.	2.5	11
150	Solutions with multiple catenoidal ends to the Allena Cann equation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"&gt;<mml:msup><mml:mrow><mml:mi mathvariant="double-struck"&gt;R</mml:mi </mml:mrow><mml:mi lournal Des Mathematiques Pures Et Appliquess 2015, 103, 142-218</mml:mi </mml:msup></mml:math 	1.6 nl:msup><	11 /mml:math>
151	Nonhexagonal Lattices From a Two Species Interacting System. SIAM Journal on Mathematical Analysis, 2020, 52, 1903-1942.	1.9	11
152	On nonlinear Schrödinger equations with totally degenerate potentials. Comptes Rendus Mathematique, 1998, 326, 691-696.	0.5	10
153	On a two-dimensional reaction-diffusion system with hypercyclical structure. Nonlinearity, 2000, 13, 2005-2032.	1.4	10
154	On conformally invariant equation \$\$( - Delta )^p u - K(x)u^{frac{{N + 2p}}{N - 2p}} = 0\$\$ and its generalizationsand its generalizations. Annali Di Matematica Pura Ed Applicata, 2001, 179, 309-329.	1.0	10
155	Stability of cluster solutions in a cooperative consumer chain model. Journal of Mathematical Biology, 2014, 68, 1-39.	1.9	10
156	Desingularization of Clifford torus and nonradial solutions to the Yamabe problem with maximal rank. Journal of Functional Analysis, 2019, 276, 2470-2523.	1.4	10
157	Infinite time blow-up for the fractional heat equation with critical exponent. Mathematische Annalen, 2019, 375, 361-424.	1.4	10
158	Symmetric and asymmetric multiple clusters in a reaction-diffusion system. Nonlinear Differential Equations and Applications, 2007, 14, 787-823.	0.8	9
159	Bubble accumulations in an elliptic Neumann problem with critical Sobolev exponent. Calculus of Variations and Partial Differential Equations, 2007, 30, 153-182.	1.7	9
160	Analysis of boundary bubbling solutions for an anisotropic Emden–Fowler equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2008, 25, 425-447.	1.4	9
161	Multiple Clustered Layer Solutions for Semilinear Elliptic Problems on <i>S</i> <sup><i>n</i></sup> . Communications in Partial Differential Equations, 2008, 33, 613-635.	2.2	9
162	Vortex rings for the Grossa Pitaevskii equation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"&gt; <mml:msup> <mml:mrow> <mml:mi mathvariant="double-struck"&gt; R</mml:mi </mml:mrow> <mml:mi Journal Des Mathematiques Pures Et Appliquees, 2013, 100, 69-112.</mml:mi </mml:msup></mml:math 	1.6 nl:msup><	9 /mml:math>

#	Article	IF	CITATIONS
163	Solutions without any symmetry for semilinear elliptic problems. Journal of Functional Analysis, 2016, 270, 884-956.	1.4	9
164	Stabilizing a homoclinic stripe. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20180110.	3.4	9
165	Cops-on-the-dots: The linear stability of crime hotspots for a 1-D reaction-diffusion model of urban crime. European Journal of Applied Mathematics, 2020, 31, 871-917.	2.9	9
166	Existence and stability of infinite time bubble towers in the energy critical heat equation. Analysis and PDE, 2021, 14, 1557-1598.	1.4	9
167	A Nonlocal Eigenvalue Problem and the Stability of Spikes for Reaction–Diffusion Systems with Fractional Reaction Rates. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 1529-1543.	1.7	8
168	BOUNDARY CONCENTRATION IN RADIAL SOLUTIONS TO A SYSTEM OF SEMILINEAR ELLIPTIC EQUATIONS. Journal of the London Mathematical Society, 2006, 74, 415-440.	1.0	8
169	Positive clustered layered solutions for the Gierer–Meinhardt system. Journal of Differential Equations, 2008, 245, 964-993.	2.2	8
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for fully bubbling solutions to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mi</pre>

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