Junping Shi

List of Publications by Year
in descending order

160 papers	6,115 citations	66343 42 h-index	79698 73 g-index
167 all docs	167 docs citations	167 times ranked	1576 citing authors

#	Article	IF	Citations
1	Effect of Spatial Average on the Spatiotemporal Pattern Formation of Reaction-Diffusion Systems. Journal of Dynamics and Differential Equations, 2022, 34, 2123-2156.	1.9	13
2	Spatiotemporal dynamics of a diffusive consumer–resource model with explicit spatial memory. Studies in Applied Mathematics, 2022, 148, 373-395.	2.4	31
3	A degenerate bifurcation from simple eigenvalue theorem. Electronic Research Archive, 2022, 30, 116-125.	0.9	0
4	Pattern formation in marsh ecosystems modeled through the interaction of marsh vegetation, mussels and sediment. Journal of Theoretical Biology, 2022, 543, 111102.	1.7	1
5	Global dynamics of a Lotka–Volterra competition patch model*. Nonlinearity, 2022, 35, 817-842.	1.4	17
6	Two Novel proofs of Spectral Monotonicity of Perturbed Essentially Nonnegative Matrices with Applications in Population Dynamics. SIAM Journal on Applied Mathematics, 2022, 82, 654-676.	1.8	13
7	Spatial modeling and dynamics of organic matter biodegradation in the absence or presence of bacterivorous grazing. Mathematical Biosciences, 2021, 331, 108501.	1.9	3
8	Bifurcation and pattern formation in diffusive Klausmeier-Gray-Scott model of water-plant interaction. Journal of Mathematical Analysis and Applications, 2021, 497, 124860.	1.0	6
9	Spatial pattern formation in activator-inhibitor models with nonlocal dispersal. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 1843-1866.	0.9	6
10	Pattern formation in diffusive predator-prey systems with predator-taxis and prey-taxis. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 1273-1289.	0.9	9
11	Existence and stability of steady-state solutions of reaction–diffusion equations with nonlocal delay effect. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	13
12	Phytoplankton Competition for Nutrients and Light in a Stratified Lake: A Mathematical Model Connecting Epilimnion and Hypolimnion. Journal of Nonlinear Science, 2021, 31, 1.	2.1	10
13	Spatial movement with distributed memory. Journal of Mathematical Biology, 2021, 82, 33.	1.9	34
14	Global stability of spatially nonhomogeneous steady state solution in a diffusive Holling-Tanner predator-prey model. Proceedings of the American Mathematical Society, 2021, 149, 3781-3794.	0.8	5
15	A model of algal growth depending on nutrients and inorganic carbon in a poorly mixed water column. Journal of Mathematical Biology, 2021, 83, 15.	1.9	6
16	Modeling Oyster Reef Restoration: Larval Supply and Reef Geometry Jointly Determine Population Resilience and Performance. Frontiers in Marine Science, 2021, 8, .	2.5	7
17	Spatial movement with diffusion and memory-based self-diffusion and cross-diffusion. Journal of Differential Equations, 2021, 305, 242-269.	2.2	27
18	Minimum number of non-zero-entries in a stable matrix exhibiting Turing instability. Discrete and Continuous Dynamical Systems - Series S, 2021, .	1.1	1

#	ARTICLE	IF	CITATIONS
19	Bistable and oscillatory dynamics of Nicholson's blowflies equation with Allee effect. Discrete and Continuous Dynamical Systems - Series B, 2021, .	0.9	2
20	Diffusive Spatial Movement with Memory. Journal of Dynamics and Differential Equations, 2020, 32, 979-1002.	1.9	49
21	Coexistence of Competing Species for Intermediate Dispersal Rates in a Reaction–Diffusion Chemostat Model. Journal of Dynamics and Differential Equations, 2020, 32, 1085-1112.	1.9	11
22	Model of pattern formation in marsh ecosystems with nonlocal interactions. Journal of Mathematical Biology, 2020, 80, 655-686.	1.9	9
23	Formulation of the normal form of Turing-Hopf bifurcation in partial functional differential equations. Journal of Differential Equations, 2020, 268, 6067-6102.	2.2	50
24	Global stability of nonhomogeneous equilibrium solution for the diffusive Lotka–Volterra competition model. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	13
25	Asymptotic profiles of the steady states for an SIS epidemic patch model with asymmetric connectivity matrix. Journal of Mathematical Biology, 2020, 80, 2327-2361.	1.9	25
26	Asymptotic Profiles of Basic Reproduction Number for Epidemic Spreading in Heterogeneous Environment. SIAM Journal on Applied Mathematics, 2020, 80, 1247-1271.	1.8	20
27	Analysis of a reaction-diffusion benthic-drift model with strong Allee effect growth. Journal of Differential Equations, 2020, 269, 7605-7642.	2.2	14
28	Stability of synchronized steady state solution of diffusive Lotka–Volterra predator–prey model. Applied Mathematics Letters, 2020, 105, 106331.	2.7	5
29	Global dynamics of the diffusive Lotka–Volterra competition model with stage structure. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	15
30	Persistence and Extinction of Population in Reaction-Diffusion-Advection Model with Weak Allee Effect Growth. SIAM Journal on Applied Mathematics, 2019, 79, 1293-1313.	1.8	25
31	Spatiotemporal dynamics of a reaction-diffusion model of pollen tube tip growth. Journal of Mathematical Biology, 2019, 79, 1319-1355.	1.9	13
32	Diffusive spatial movement with memory and maturation delays. Nonlinearity, 2019, 32, 3188-3208.	1.4	46
33	Population Dynamics in River Networks. Journal of Nonlinear Science, 2019, 29, 2501-2545.	2.1	28
34	Threshold dynamics of a diffusive nonlocal phytoplankton model with age structure. Nonlinear Analysis: Real World Applications, 2019, 50, 55-66.	1.7	6
35	Persistence and extinction of population in reaction–diffusion–advection model with strong Allee effect growth. Journal of Mathematical Biology, 2019, 78, 2093-2140.	1.9	43
36	Minimum number of non-zero-entries in a 7×7 stable matrix. Linear Algebra and Its Applications, 2019, 572, 135-152.	0.9	2

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37	The existence of constrained minimizers for a class of nonlinear Kirchhoff–Schrödinger equations with doubly critical exponents in dimension four. Nonlinear Analysis: Theory, Methods & Applications, 2019, 186, 99-112.	1.1	12
38	Stability and asymptotic profile of steady state solutions to a reaction-diffusion pelagic-benthic algae growth model. Communications on Pure and Applied Analysis, 2019, 18, 2325-2347.	0.8	4
39	Ground state solutions of Nehari-Pohozaev type for the planar Schrödinger-Poisson system with general nonlinearity. Discrete and Continuous Dynamical Systems, 2019, 39, 5867-5889.	0.9	34
40	Hopf bifurcation and pattern formation in a delayed diffusive logistic model with spatial heterogeneity. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 467-486.	0.9	3
41	Uniqueness of positive solutions to some coupled cooperative variational elliptic systems. Transactions of the American Mathematical Society, 2018, 370, 5209-5243.	0.9	1
42	Global stability and pattern formation in a nonlocal diffusive Lotka–Volterra competition model. Journal of Differential Equations, 2018, 264, 6891-6932.	2.2	39
43	Bifurcation of positive solutions to scalar reaction–diffusion equations with nonlinear boundary condition. Journal of Differential Equations, 2018, 264, 425-454.	2.2	11
44	A mathematical model of algae growth in a pelagic–benthic coupled shallow aquatic ecosystem. Journal of Mathematical Biology, 2018, 76, 1159-1193.	1.9	12
45	Existence and concentration of nontrivial nonnegative ground state solutions to Kirchhoff-type system with Hartree-type nonlinearity. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	2
46	Dynamics of a Scalar Population Model with Delayed Allee Effect. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850153.	1.7	5
47	Dynamics and pattern formation of a diffusive predator–prey model with predator-taxis. Mathematical Models and Methods in Applied Sciences, 2018, 28, 2275-2312.	3.3	82
48	Ground states of nonlinear Schrödinger equation on star metric graphs. Journal of Mathematical Analysis and Applications, 2018, 459, 661-685.	1.0	12
49	Role of white-tailed deer in geographic spread of the black-legged tick <i>Ixodes scapularis</i> : Analysis of a spatially nonlocal model. Mathematical Biosciences and Engineering, 2018, 15, 1033-1054.	1.9	6
50	Stability Switches in a Logistic Population Model with Mixed Instantaneous and Delayed Density Dependence. Journal of Dynamics and Differential Equations, 2017, 29, 113-130.	1.9	12
51	Bistability in a model of grassland and forest transition. Journal of Mathematical Analysis and Applications, 2017, 451, 1165-1178.	1.0	2
52	Existence and multiplicity of positive solutions to Schrödinger–Poisson type systems with critical nonlocal term. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	25
53	Hopf bifurcation in a reaction–diffusion equation with distributed delay and Dirichlet boundary condition. Journal of Differential Equations, 2017, 263, 6537-6575.	2.2	33
54	Standing waves for a coupled nonlinear Hartree equations with nonlocal interaction. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	34

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55	Positive solutions of Kirchhoff-type non-local elliptic equation: a bifurcation approach. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2017, 147, 875-894.	1.2	19
56	Global existence of solutions to an attraction-repulsion chemotaxis model with growth. Communications on Pure and Applied Analysis, 2017, 16, 1037-1058.	0.8	10
57	Effect of harvesting quota and protection zone in a reaction-diffusion model arising from fishery management. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 791-807.	0.9	5
58	Effect of rotational grazing on plant and animal production. Mathematical Biosciences and Engineering, 2017, 15, 393-406.	1.9	5
59	Interaction between water and plants: Rich dynamics in a simple model. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 2971-3006.	0.9	3
60	Global existence of solutions and uniform persistence of a diffusive predator–prey model with prey-taxis. Journal of Differential Equations, 2016, 260, 5847-5874.	2.2	162
61	Global bifurcation analysis and pattern formation in homogeneous diffusive predator–prey systems. Journal of Differential Equations, 2016, 260, 3495-3523.	2.2	83
62	Exact multiplicity of positive solutions for a p-Laplacian equation with positive convex nonlinearity. Journal of Differential Equations, 2016, 260, 2091-2118.	2.2	9
63	Standing waves of a weakly coupled Schrödinger system with distinct potential functions. Journal of Differential Equations, 2016, 260, 1830-1864.	2.2	15
64	On the existence and uniqueness of a limit cycle for a Liénard system with a discontinuity line. Communications on Pure and Applied Analysis, 2016, 15, 2509-2526.	0.8	6
65	On the Number of Limit Cycles for Discontinuous Generalized Liénard Polynomial Differential Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550131.	1.7	2
66	Higher dimensional solitary waves generated by second-harmonic generation in quadratic media. Calculus of Variations and Partial Differential Equations, 2015, 54, 2657-2691.	1.7	30
67	Pattern formation in a general glycolysis reaction-diffusion system. IMA Journal of Applied Mathematics, 2015, 80, 1703-1738.	1.6	30
68	Existence of positive solutions to a Laplace equation with nonlinear boundary condition. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 3061-3083.	1.4	8
69	Dynamics of a host-pathogen system on a bounded spatial domain. Communications on Pure and Applied Analysis, 2015, 14, 2535-2560.	0.8	33
70	Traveling waves of a mutualistic model of mistletoes and birds. Discrete and Continuous Dynamical Systems, 2015, 35, 1743-1765.	0.9	10
71	Bifurcation analysis of the Gierer–Meinhardt system with a saturation in the activator production. Applicable Analysis, 2014, 93, 1115-1134.	1.3	25
72	Qualitative analysis of an autocatalytic chemical reaction model with decay. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2014, 144, 427-446.	1.2	6

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73	Strong Allee effect in a diffusive predator–prey system with a protection zone. Journal of Differential Equations, 2014, 256, 108-129.	2.2	60
74	Spatiotemporal mutualistic model of mistletoes and birds. Journal of Mathematical Biology, 2014, 68, 1479-1520.	1.9	12
75	Bifurcation Analysis of a Generic Reaction–Diffusion Turing Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450042.	1.7	7
76	Existence of positive solutions to Kirchhoff type problems with zero mass. Journal of Mathematical Analysis and Applications, 2014, 410, 361-374.	1.0	39
77	Existence of positive solutions to Schrödinger–Poisson type systems with critical exponent. Communications in Contemporary Mathematics, 2014, 16, 1450036.	1.2	51
78	Profile of the unique limit cycle in a class of general predator–prey systems. Applied Mathematics and Computation, 2014, 242, 397-406.	2.2	4
79	Positive solutions to Kirchhoff type equations with nonlinearity having prescribed asymptotic behavior. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2014, 31, 155-167.	1.4	90
80	Positive steady state solutions of a diffusive Leslie-Gower predator-prey model with Holling type II functional response and cross-diffusion. Discrete and Continuous Dynamical Systems, 2014, 34, 3875-3899.	0.9	15
81	Further studies of a reaction-diffusion system for an unstirred chemostat with internal storage. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 3169-3189.	0.9	7
82	Existence and Multiplicity of Positive Solutions to a Quasilinear Elliptic Equation with Strong Allee Effect Growth Rate. Results in Mathematics, 2013, 64, 165-173.	0.8	6
83	Existence and uniqueness of steady state solutions of a nonlocal diffusive logistic equation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 1267-1278.	1.4	23
84	Global attractivity of equilibrium in Gierer–Meinhardt system with activator production saturation and gene expression time delays. Nonlinear Analysis: Real World Applications, 2013, 14, 1871-1886.	1.7	19
85	Pattern formation of the attraction-repulsion Keller-Segel system. Discrete and Continuous Dynamical Systems - Series B, 2013, 18, 2597-2625.	0.9	90
86	Time Delay-Induced Instabilities and Hopf Bifurcations in General Reaction–Diffusion Systems. Journal of Nonlinear Science, 2013, 23, 1-38.	2.1	61
87	Uniqueness of the positive solution for a non-cooperative model of nuclear reactors. Applied Mathematics Letters, 2013, 26, 1005-1007.	2.7	2
88	Bifurcation from a degenerate simple eigenvalue. Journal of Functional Analysis, 2013, 264, 2269-2299.	1.4	16
89	The existence, bifurcation and stability of positive stationary solutions of a diffusive Leslie–Gower predator–prey model with Holling-type II functional responses. Journal of Mathematical Analysis and Applications, 2013, 405, 618-630.	1.0	31
90	Bifurcation analysis of reaction–diffusion Schnakenberg model. Journal of Mathematical Chemistry, 2013, 51, 2001-2019.	1.5	57

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91	Bifurcations of patterned solutions in the diffusive Lengyel-Epstein system of Cima chemical reactions. Rocky Mountain Journal of Mathematics, 2013, 43, .	0.4	44
92	Absolute Stability and Conditional Stability in General Delayed Differential Equations. , 2013, , 117-131.		7
93	A double saddle-node bifurcation theorem. Communications on Pure and Applied Analysis, 2013, 12, 2923-2933.	0.8	15
94	GLOBAL STABILITY AND HOPF BIFURCATION IN A DELAYED DIFFUSIVE LESLIEâ€"GOWER PREDATORâ€"PREY SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250061.	1.7	60
95	Hopf Bifurcation in a Diffusive Logistic Equation with Mixed Delayed and Instantaneous Density Dependence. Journal of Dynamics and Differential Equations, 2012, 24, 897-925.	1.9	54
96	The effect of delay on a diffusive predator-prey system with Holling Type-II predator functional response. Communications on Pure and Applied Analysis, 2012, 12, 481-501.	0.8	32
97	Stability and Hopf bifurcation in a diffusive logistic population model with nonlocal delay effect. Journal of Differential Equations, 2012, 253, 3440-3470.	2.2	134
98	Bifurcation diagrams of coupled SchrÃ¶dinger equations. Applied Mathematics and Computation, 2012, 219, 3646-3654.	2.2	5
99	Global stability in a diffusive Hollingâ€"Tanner predatorâ€"prey model. Applied Mathematics Letters, 2012, 25, 614-618.	2.7	59
100	Steady states and dynamics of an autocatalytic chemical reaction model with decay. Journal of Differential Equations, 2012, 253, 533-552.	2.2	18
101	Existence of a positive solution to Kirchhoff type problems without compactness conditions. Journal of Differential Equations, 2012, 253, 2285-2294.	2.2	288
102	Bistability in a differential equation model of oyster reef height and sediment accumulation. Journal of Theoretical Biology, 2011, 289, 1-11.	1.7	37
103	Global stability of multigroup epidemic model with group mixing and nonlinear incidence rates. Applied Mathematics and Computation, 2011, 218, 280-286.	2.2	68
104	A note on Hopf bifurcations in a delayed diffusive Lotkaâ€"Volterra predatorâ€"prey system. Computers and Mathematics With Applications, 2011, 62, 2240-2245.	2.7	23
105	Existence and uniqueness of positive solutions for a class of semilinear elliptic systems. Acta Mathematica Sinica, English Series, 2011, 27, 1079-1090.	0.6	1
106	Predatorâ€"prey system with strong Allee effect in prey. Journal of Mathematical Biology, 2011, 62, 291-331.	1.9	241
107	Stability of impulsive stochastic differential delay systems and its application to impulsive stochastic neural networks. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3099-3111.	1.1	67
108	Dynamics and pattern formation in a diffusive predatorâ€"prey system with strong Allee effect in prey. Journal of Differential Equations, 2011, 251, 1276-1304.	2.2	191

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109	Existence, uniqueness and stability of positive solutions to sublinear elliptic systems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2011, 141, 45-64.	1.2	5
110	CROSS-DIFFUSION INDUCED INSTABILITY AND STABILITY IN REACTION-DIFFUSION SYSTEMS. Journal of Applied Analysis and Computation, 2011, 1, 95-119.	0.5	11
111	On the uniqueness and structure of solutions to a coupled elliptic system. Journal of Differential Equations, 2010, 249, 3419-3442.	2.2	11
112	Classification of four-body central configurations with three equal masses. Journal of Mathematical Analysis and Applications, 2010, 363, 512-524.	1.0	23
113	Periodic solutions of a logistic type population model with harvesting. Journal of Mathematical Analysis and Applications, 2010, 369, 730-735.	1.0	10
114	Bifurcation analysis in a delayed diffusive Nicholson's blowflies equation. Nonlinear Analysis: Real World Applications, 2010, 11, 1692-1703.	1.7	45
115	Complete controllability of impulsive stochastic integro-differential systems. Automatica, 2010, 46, 1068-1073.	5.0	42
116	Exact multiplicity of solutions to a diffusive logistic equation with harvesting. Applied Mathematics and Computation, 2010, 216, 1531-1537.	2.2	5
117	Existence and nonexistence of positive solutions of semilinear elliptic equation with inhomogeneous strong Allee effect. Applied Mathematics and Mechanics (English Edition), 2009, 30, 1461-1468.	3.6	8
118	Global asymptotical behavior of the Lengyel–Epstein reaction–diffusion system. Applied Mathematics Letters, 2009, 22, 52-55.	2.7	49
119	Bifurcation in infinite dimensional spaces and applications in spatiotemporal biological and chemical models. Frontiers of Mathematics in China, 2009, 4, 407-424.	0.7	18
120	On global bifurcation for quasilinear elliptic systems on bounded domains. Journal of Differential Equations, 2009, 246, 2788-2812.	2.2	246
121	Bifurcation and spatiotemporal patterns in a homogeneous diffusive predator–prey system. Journal of Differential Equations, 2009, 246, 1944-1977.	2.2	419
122	Non-existence of non-constant positive steady states of two Holling type-II predator–prey systems: Strong interaction case. Journal of Differential Equations, 2009, 247, 866-886.	2.2	84
123	Hopf bifurcations in a reaction–diffusion population model with delay effect. Journal of Differential Equations, 2009, 247, 1156-1184.	2.2	152
124	Bistability Dynamics in Structured Ecological Models. Chapman & Hall/CRC Mathematical and Computational Biology Series, 2009, , 33-61.	0.1	4
125	The role of higher vorticity moments in a variational formulation of Barotropic flows on a rotating sphere. Discrete and Continuous Dynamical Systems - Series B, 2009, 11, 717-740.	0.9	2
126	Relaxation oscillation profile of limit cycle in predator-prey system. Discrete and Continuous Dynamical Systems - Series B, 2009, 11, 893-911.	0.9	33

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127	Optimal Spatial Harvesting Strategy and Symmetry-Breaking. Applied Mathematics and Optimization, 2008, 58, 89-110.	1.6	17
128	Exact multiplicity of solutions to perturbed logistic type equations on a symmetric domain. Science in China Series A: Mathematics, 2008, 51, 1753-1762.	0.5	1
129	Structure of the solution set for a class of semilinear elliptic equations with asymptotic linear nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 2369-2378.	1.1	3
130	Diffusion-driven instability and bifurcation in the Lengyelâ€"Epstein system. Nonlinear Analysis: Real World Applications, 2008, 9, 1038-1051.	1.7	129
131	On stationary patterns of a reactionâ€"diffusion model with autocatalysis and saturation law. Nonlinearity, 2008, 21, 1471-1488.	1.4	102
132	Dynamics of a reaction-diffusion system of autocatalytic chemical reaction. Discrete and Continuous Dynamical Systems, 2008, 21, 245-258.	0.9	16
133	Stationary Pattern of a Ratio-Dependent Food Chain Model with Diffusion. SIAM Journal on Applied Mathematics, 2007, 67, 1479-1503.	1.8	75
134	Allee effect and bistability in a spatially heterogeneous predator-prey model. Transactions of the American Mathematical Society, 2007, 359, 4557-4594.	0.9	100
135	Exact multiplicity of boundary blow-up solutions for a bistable problem. Computers and Mathematics With Applications, 2007, 54, 1285-1292.	2.7	3
136	Uniqueness of the positive solution for a class of semilinear elliptic systems. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 1710-1714.	1.1	9
137	Imperfect transcritical and pitchfork bifurcations. Journal of Functional Analysis, 2007, 251, 573-600.	1.4	56
138	Exact multiplicity of solutions and S-shaped bifurcation curve for a class of semilinear elliptic equations. Journal of Mathematical Analysis and Applications, 2007, 331, 263-278.	1.0	9
139	Bifurcation diagrams of population models with nonlinear, diffusion. Journal of Computational and Applied Mathematics, 2006, 194, 357-367.	2.0	11
140	A diffusive predatorâ€"prey model with a protection zone. Journal of Differential Equations, 2006, 229, 63-91.	2.2	115
141	Hair-triggered instability of radial steady states, spread and extinction in semilinear heat equations. Journal of Differential Equations, 2006, 231, 235-251.	2.2	22
142	Persistence in reaction diffusion models with weak allee effect. Journal of Mathematical Biology, 2006, 52, 807-829.	1.9	121
143	UNIQUENESS AND NONEXISTENCE OF POSITIVE SOLUTIONS TO SEMIPOSITONE PROBLEMS. Bulletin of the London Mathematical Society, 2006, 38, 1033-1044.	0.8	29
144	A New Proof of Anti-Maximum Principle Via A Bifurcation Approach. Resultate Der Mathematik, 2005, 48, 162-167.	0.2	4

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145	Logistic equation with thep-Laplacian and constant yield harvesting. Abstract and Applied Analysis, 2004, 2004, 723-727.	0.7	29
146	Multi-parameter bifurcation and applications. , 2003, , .		8
147	Diffusive logistic equation with constant yield harvesting, I: Steady States. Transactions of the American Mathematical Society, 2002, 354, 3601-3619.	0.9	94
148	Semilinear Neumann boundary value problems on a rectangle. Transactions of the American Mathematical Society, 2002, 354, 3117-3154.	0.9	49
149	Saddle solutions of the balanced bistable diffusion equation. Communications on Pure and Applied Mathematics, 2002, 55, 815-830.	3.1	8
150	Exact multiplicity of solutions to superlinear and sublinear problems. Nonlinear Analysis: Theory, Methods & Applications, 2002, 50, 665-687.	1.1	12
151	Existence and instability of spike layer solutions to singular perturbation problems. Journal of Functional Analysis, 2002, 196, 211-264.	1.4	58
152	Saddle solutions of the balanced bistable diffusion equation. Communications on Pure and Applied Mathematics, 2002, 55, 815-830.	3.1	2
153	New exact multiplicity results with an application to a population model. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2001, 131, 1167-1182.	1.2	10
154	Exact multiplicity of solutions for classes of semipositone problems with concave-convex nonlinearity. Discrete and Continuous Dynamical Systems, 2001, 7, 559-571.	0.9	11
155	Blow up points of solution curves for a semilinear problem. Topological Methods in Nonlinear Analysis, 2000, 15, 251.	0.2	9
156	Exact multiplicity of positive solutions for a class of semilinear problem, II. Journal of Differential Equations, 1999, 158, 94-151.	2.2	138
157	Persistence and Bifurcation of Degenerate Solutions. Journal of Functional Analysis, 1999, 169, 494-531.	1.4	131
158	Morse indices and exact multiplicity of solutions to semilinear elliptic problems. Proceedings of the American Mathematical Society, 1999, 127, 3685-3695.	0.8	12
159	Exact Multiplicity of Positive Solutions for a Class of Semilinear Problems. Journal of Differential Equations, 1998, 146, 121-156.	2.2	90
160	On a singular nonlinear semilinear elliptic problem. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1998, 128, 1389-1401.	1.2	141