

Yoshio Yamada

List of Publications by Year in descending order

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30
papers

920
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple coexistence states for a prey–predator system with cross-diffusion. <i>Journal of Differential Equations</i> , 2004, 197, 315-348.	2.2	120
2	Stability of Steady States for Prey–Predator Diffusion Equations with Homogeneous Dirichlet Conditions. <i>SIAM Journal on Mathematical Analysis</i> , 1990, 21, 327-345.	1.9	93
3	Existence of global solutions for the Shigesada-Kawasaki-Teramoto model with strongly coupled cross-diffusion. <i>Discrete and Continuous Dynamical Systems</i> , 2004, 10, 719-730.	0.9	85
4	On some quasilinear wave equations with dissipative terms. <i>Nagoya Mathematical Journal</i> , 1982, 87, 17-39.	0.8	67
5	Some nonlinear degenerate wave equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1987, 11, 1155-1168.	1.1	63
6	A free boundary problem in ecology. <i>Japan Journal of Industrial and Applied Mathematics</i> , 1985, 2, 151-186.	0.4	56
7	On a certain class of semilinear Volterra diffusion equations. <i>Journal of Mathematical Analysis and Applications</i> , 1982, 88, 433-451.	1.0	53
8	Asymptotic stability for some systems of semilinear Volterra diffusion equations. <i>Journal of Differential Equations</i> , 1984, 52, 295-326.	2.2	44
9	Positive solutions for Lotka–Volterra competition systems with large cross-diffusion. <i>Applicable Analysis</i> , 2010, 89, 1037-1066.	1.3	35
10	Multiple spreading phenomena for a free boundary problem of a reaction–diffusion equation with a certain class of bistable nonlinearity. <i>Journal of Differential Equations</i> , 2016, 261, 538-572.	2.2	31
11	Global solutions for quasilinear parabolic systems with cross-diffusion effects. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1995, 24, 1395-1412.	1.1	29
12	Positive Solutions for Lotka–Volterra Systems with Cross-Diffusion. <i>Handbook of Differential Equations: Stationary Partial Differential Equations</i> , 2008, 6, 411-501.	0.7	27
13	On the decay of solutions for some nonlinear evolution equations of second order. <i>Nagoya Mathematical Journal</i> , 1979, 73, 69-98.	0.8	24
14	Periodic solutions of certain nonlinear parabolic differential equations in domains with periodically moving boundaries. <i>Nagoya Mathematical Journal</i> , 1978, 70, 111-123.	0.8	21
15	Coexistence problem for a prey–predator model with density-dependent diffusion. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, e2223-e2232.	1.1	19
16	Quasilinear wave equations and related nonlinear evolution equations. <i>Nagoya Mathematical Journal</i> , 1981, 84, 31-83.	0.8	18
17	On limit systems for some population models with cross-diffusion. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2012, 17, 2745-2769.	0.9	17
18	Asymptotic behavior of solutions for semilinear volterra diffusion equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1993, 21, 227-239.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Effect of cross-diffusion in the diffusion prey-predator model with a protection zone II. Journal of Mathematical Analysis and Applications, 2018, 461, 971-992.	1.0	15
20	Asymptotic Profiles of Solutions and Propagating Terrace for a Free Boundary Problem of Nonlinear Diffusion Equation with Positive Bistable Nonlinearity. SIAM Journal on Mathematical Analysis, 2020, 52, 65-103.	1.9	14
21	Transient and asymptotic dynamics of a prey-predator system with diffusion. Mathematical Methods in the Applied Sciences, 2012, 35, 1101-1109.	2.3	13
22	Global-in-time behavior of the solution to a Gierer-Meinhardt system. Discrete and Continuous Dynamical Systems, 2013, 33, 2885-2900.	0.9	13
23	GLOBAL SOLUTIONS FOR THE SHIGESADA-KAWASAKI-TERAMOTO MODEL WITH CROSS-DIFFUSION. , 2009, , .		12
24	Remarks on Spreading and Vanishing for Free Boundary Problems of Some Reaction-Diffusion Equations. Funkcialaj Ekvacioj, 2014, 57, 449-465.	0.3	8
25	Global-in-time behavior of Lotka-Volterra system with diffusion. Indiana University Mathematics Journal, 2015, 64, 181-216.	0.9	8
26	On logistic diffusion equations with nonlocal interaction terms. Nonlinear Analysis: Theory, Methods & Applications, 2015, 118, 51-62.	1.1	8
27	Spreading speed and profiles of solutions to a free boundary problem with Dirichlet boundary conditions. Journal of Mathematical Analysis and Applications, 2018, 465, 1159-1175.	1.0	5
28	Note on certain nonlinear evolution equations of second order. Proceedings of the Japan Academy Series A: Mathematical Sciences, 1979, 55, .	0.4	5
29	A free boundary problem of nonlinear diffusion equation with positive bistable nonlinearity in high space dimensions I : Classification of asymptotic behavior. Discrete and Continuous Dynamical Systems, 2022, 42, 2719.	0.9	2
30	Lotka-Volterra Systems with Periodic Orbits. Funkcialaj Ekvacioj, 2019, 62, 129-155.	0.3	0