

Hirokazu Ninomiya

List of Publications by Year in descending order

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22
papers

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1163117

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22
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Entire Solutions with Merging Fronts to Reaction–Diffusion Equations. Journal of Dynamics and Differential Equations, 2006, 18, 841-861.	1.9	100
2	Diffusion, Cross-diffusion and Competitive Interaction. Journal of Mathematical Biology, 2006, 53, 617-641.	1.9	89
3	SOME ENTIRE SOLUTIONS OF THE ALLEN–CAHN EQUATION. Taiwanese Journal of Mathematics, 2004, 8, 15.	0.4	76
4	Entire solutions of reaction–diffusion equations with balanced bistable nonlinearities. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2006, 136, 1207-1237.	1.2	53
5	A competition-diffusion system approximation to the classical two-phase Stefan problem. Japan Journal of Industrial and Applied Mathematics, 2001, 18, 161-180.	0.9	51
6	Diffusion-Induced Blowup in a Nonlinear Parabolic System. Journal of Dynamics and Differential Equations, 1998, 10, 619-638.	1.9	30
7	Reaction, diffusion and non-local interaction. Journal of Mathematical Biology, 2017, 75, 1203-1233.	1.9	24
8	Entire solutions originating from monotone fronts to the Allen–Cahn equation. Physica D: Nonlinear Phenomena, 2018, 378-379, 1-19.	2.8	12
9	A review on reaction–diffusion approximation. Journal of Elliptic and Parabolic Equations, 2018, 4, 565-600.	0.9	8
10	Traveling Curved Waves in Two-Dimensional Excitable Media. SIAM Journal on Mathematical Analysis, 2017, 49, 777-817.	1.9	7
11	Reaction–diffusion approximation of nonlocal interactions using Jacobi polynomials. Japan Journal of Industrial and Applied Mathematics, 2018, 35, 613-651.	0.9	5
12	Traveling Spots on Multi-Dimensional Excitable Media. Journal of Elliptic and Parabolic Equations, 2015, 1, 281-305.	0.9	4
13	Mathematical approach to nonlocal interactions using a reaction–diffusion system. Development Growth and Differentiation, 2017, 59, 388-395.	1.5	4
14	Comparative analysis of continuum angiogenesis models. Journal of Mathematical Biology, 2021, 82, 21.	1.9	4
15	A REACTION-DIFFUSION APPROXIMATION TO A CROSS-DIFFUSION SYSTEM. , 2006, , .		4
16	Traveling curved fronts of anisotropic curvature flows. Japan Journal of Industrial and Applied Mathematics, 2006, 23, 83-104.	0.9	3
17	A reaction diffusion model for understanding phyllotactic formation. Japan Journal of Industrial and Applied Mathematics, 2016, 33, 183-205.	0.9	2
18	Global Dynamics on One-Dimensional Excitable Media. SIAM Journal on Mathematical Analysis, 2021, 53, 7081-7112.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Dynamics of interfaces in the Fisher-KPP equation for slowly decaying initial data. Journal of Differential Equations, 2019, 267, 4922-4947.	2.2	1
20	A reaction-diffusion approximation of a semilinear wave equation. Journal of Differential Equations, 2021, 272, 289-309.	2.2	1
21	Global existence and uniqueness of solutions for one-dimensional reaction-interface systems. Journal of Differential Equations, 2022, 324, 102-130.	2.2	1
22	FUNDAMENTAL PROPERTIES OF SOLUTIONS TO A SCALAR-FIELD TYPE EQUATION ON THE UNIT SPHERE. , 2008, , .		0