Yong-Jung Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7644890/publications.pdf

Version: 2024-02-01

23	446	933447	713466
papers	citations	10	21
		h-index	g-index

23	23	23	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of dietary diversity and a starvation driven cross-diffusion system as its singular limit. Journal of Mathematical Biology, 2021, 83, 58.	1.9	2
2	Chemotactic traveling waves with compact support. Journal of Mathematical Analysis and Applications, 2020, 488, 124090.	1.0	8
3	Discontinuous Nonlinearity and Finite Time Extinction. SIAM Journal on Mathematical Analysis, 2020, 52, 894-926.	1.9	2
4	Diffusion of Biological Organisms: Fickian and Fokker--Planck Type Diffusions. SIAM Journal on Applied Mathematics, 2019, 79, 1501-1527.	1.8	8
5	A logarithmic chemotaxis model featuring global existence and aggregation. Nonlinear Analysis: Real World Applications, 2019, 50, 562-582.	1.7	40
6	Dispersal towards food: the singular limit of an Allenâ€“Cahn equation. Journal of Mathematical Biology, 2018, 76, 531-565.	1.9	5
7	Predatorâ€“prey equations with constant harvesting and planting. Journal of Theoretical Biology, 2018, 458, 47-57.	1.7	4
8	Boundedness, Stabilization, and Pattern Formation Driven by Density-Suppressed Motility. SIAM Journal on Applied Mathematics, 2018, 78, 1632-1657.	1.8	99
9	A Discrete Velocity Kinetic Model with Food Metric: Chemotaxis Traveling Waves. Bulletin of Mathematical Biology, 2017, 79, 277-302.	1.9	5
10	Inviscid traveling waves of monostable nonlinearity. Applied Mathematics Letters, 2017, 71, 51-58.	2.7	1
11	Global Existence and Aggregation in a Kellerâ€“Segel Model with Fokkerâ€“Planck Diffusion. Acta Applicandae Mathematicae, 2017, 149, 101-123.	1.0	86
12	Orthotropic conductivity reconstruction with virtualâ€resistive network and Faraday's law. Mathematical Methods in the Applied Sciences, 2016, 39, 1183-1196.	2.3	3
13	Dynamics in the fundamental solution of a non-convex conservation law. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2016, 146, 169-193.	1.2	1
14	Diffusive and inviscid traveling waves of the Fisher equation and nonuniqueness of wave speed. Applied Mathematics Letters, 2016, 60, 28-35.	2.7	7
15	Evolution of Dispersal with Starvation Measure and Coexistence. Bulletin of Mathematical Biology, 2016, 78, 254-279.	1.9	15
16	Thermal Creep of a Rarefied Gas on the Basis of Non-linear Korteweg-Theory. Archive for Rational Mechanics and Analysis, 2015, 215, 353-379.	2.4	6
17	Bacterial chemotaxis without gradient-sensing. Journal of Mathematical Biology, 2015, 70, 1359-1380.	1.9	13
18	Global asymptotic stability and the ideal free distribution in a starvation driven diffusion. Journal of Mathematical Biology, 2014, 68, 1341-1370.	1.9	22

#	Article	IF	Citations
19	An explicit solution of Burgers equation with stationary point source. Journal of Differential Equations, 2014, 257, 2520-2542.	2.2	5
20	Evolution of Dispersal Toward Fitness. Bulletin of Mathematical Biology, 2013, 75, 2474-2498.	1.9	23
21	Starvation Driven Diffusion as a Survival Strategy of Biological Organisms. Bulletin of Mathematical Biology, 2013, 75, 845-870.	1.9	61
22	Asymptotic agreement of moments and higher order contraction in the Burgers equation. Journal of Differential Equations, 2010, 248, 2417-2434.	2.2	14
23	On the numerical solution of a driven thin film equation. Journal of Computational Physics, 2008, 227, 7246-7263.	3.8	16