Jiashan

List of Publications by Year in descending order

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47 papers	722 citations	516710 16 h-index	552781 26 g-index
47 all docs	47 docs citations	47 times ranked	120 citing authors

#	Article	IF	Citations
1	Eventual smoothness and stabilization in a three-dimensional Kellerâ€“Segelâ€“Navierâ€“Stokes system with rotational flux. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	22
2	Boundedness and stabilization of a three-dimensional parabolic-elliptic Keller-Segel-Stokes system. Discrete and Continuous Dynamical Systems, 2022, 42, 4095.	0.9	1
3	Eventual smoothness and stabilization in a three-dimensional Keller-Segel-Navier-Stokes system modeling coral fertilization. Journal of Differential Equations, 2022, 328, 228-260.	2.2	2
4	Global classical solutions of Keller-Segel-(Navier)-Stokes system with nonlinear motility functions. Journal of Mathematical Analysis and Applications, 2022, 514, 126272.	1.0	2
5	Global Existence, Regularity and Boundedness in a Higher-dimensional Chemotaxis-Navier-Stokes System with Nonlinear Diffusion and General Sensitivity. Calculus of Variations and Partial Differential Equations, 2022, 61, .	1.7	4
6	A new result for the global existence (and boundedness) and regularity of a three-dimensional Keller-Segel-Navier-Stokes system modeling coral fertilization. Journal of Differential Equations, 2021, 272, 164-202.	2.2	31
7	Global Boundedness of the Fully Parabolic Keller-Segel System with Signal-Dependent Motilities. Acta Applicandae Mathematicae, 2021, 171, 1.	1.0	13
8	A new result for the global existence and boundedness of weak solutions to a chemotaxis-Stokes system with rotational flux term. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	2
9	Global bounded weak solutions for a chemotaxis-Stokes system with nonlinear diffusion and rotation. Journal of Differential Equations, 2021, 289, 182-235.	2.2	14
10	Global Classical Solutions and Stabilization in a Two-Dimensional Parabolic-Elliptic Kellerâ€“Segelâ€“Stokes System. Journal of Mathematical Fluid Mechanics, 2021, 23, 1.	1.0	4
11	A new result on existence of global bounded classical solution to a attraction-repulsion chemotaxis system with logistic source. Journal of Differential Equations, 2021, 298, 159-181.	2.2	8
12	A new result for boundedness in the quasilinear parabolicâ€“parabolic Kellerâ€“Segel model (with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	3
13	Blow-up prevention by nonlinear diffusion in a 2D Keller-Segel-Navier-Stokes system with rotational flux. Journal of Differential Equations, 2020, 268, 7092-7120.	2.2	20
14	A new (and optimal) result for the boundedness of a solution of a quasilinear chemotaxisâ€“haptotaxis model (with a logistic source). Journal of Mathematical Analysis and Applications, 2020, 491, 124231.	1.0	6
15	Large time behavior of solutions to a fully parabolic chemotaxisâ€“haptotaxis model in N dimensions. Journal of Differential Equations, 2019, 266, 1969-2018.	2.2	27
16	An optimal result for global existence in a three-dimensional Kellerâ€“Segelâ€“Navierâ€“Stokes system involving tensor-valued sensitivity with saturation. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	39
17	A new result for global solvability and boundedness in the N-dimensional quasilinear chemotaxis model with logistic source and consumption of chemoattractant. Journal of Mathematical Analysis and Applications, 2019, 475, 895-917.	1.0	3
18	An optimal result for global existence and boundedness in a three-dimensional Keller-Segel-Stokes system with nonlinear diffusion. Journal of Differential Equations, 2019, 267, 2385-2415.	2.2	57

#	Article	IF	Citations
19	A new result for 2D boundedness of solutions to a chemotaxisâ€“haptotaxis model with/without sub-logistic source. Nonlinearity, 2019, 32, 4890-4911.	1.4	19
20	Mathematical Research for Models Which is Related to Chemotaxis System. , 2019, , 351-444.		2
21	A new result for global existence and boundedness of solutions to a parabolicâ€“parabolic Kellerâ€“Segel system with logistic source. Journal of Mathematical Analysis and Applications, 2018, 462, 1-25.	1.0	36
22	A note for global existence of a two-dimensional chemotaxisâ€“haptotaxis model with remodeling of non-diffusible attractant. Nonlinearity, 2018, 31, 4602-4620.	1.4	18
23	Boundedness and global asymptotic stability of constant equilibria in a fully parabolic chemotaxis system with nonlinear logistic source. Journal of Mathematical Analysis and Applications, 2017, 450, 1047-1061.	1.0	18
24	Global weak solutions in a three-dimensional Kellerâ€“Segelâ€“Navierâ€“Stokes system with nonlinear diffusion. Journal of Differential Equations, 2017, 263, 2606-2629.	2.2	30
25	Boundedness of the solution of a higher-dimensional parabolicâ€“ODEâ€“parabolic chemotaxisâ€“haptotaxis model with generalized logistic source. Nonlinearity, 2017, 30, 1987-2009.	1.4	19
26	A note on boundedness of solutions to a higherâ€dimensional quasiâ€“linear chemotaxis system with logistic source. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2017, 97, 414-421.	1.6	36
27	Boundedness of solutions to a quasilinear higher-dimensional chemotaxis-haptotaxis model with nonlinear diffusion. Discrete and Continuous Dynamical Systems, 2017, 37, 627-643.	0.9	18
28	A note on global existence to a higher-dimensional quasilinear chemotaxis system with consumption of chemoattractant. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 669-686.	0.9	5
29	The Bang-bang principle of time optimal controls for the Kuramoto-Sivashinsky-KdV equation with internal control. International Journal of Robust and Nonlinear Control, 2016, 26, 1667-1685.	3.7	6
30	Periodic solutions to the Cahnâ€“Hilliard equation with constraint. Mathematical Methods in the Applied Sciences, 2016, 39, 649-660.	2.3	3
31	Boundedness and decay behavior in a higher-dimensional quasilinear chemotaxis system with nonlinear logistic source. Computers and Mathematics With Applications, 2016, 72, 2604-2619.	2.7	19
32	Boundedness in a three-dimensional chemotaxisâ€“fluid system involving tensor-valued sensitivity with saturation. Journal of Mathematical Analysis and Applications, 2016, 442, 353-375.	1.0	14
33	Boundedness of solutions to a quasilinear chemotaxisâ€“haptotaxis model. Computers and Mathematics With Applications, 2016, 71, 1898-1909.	2.7	9
34	Boundedness in a quasilinear chemotaxisâ€“haptotaxis system with logistic source. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	1.4	15
35	Periodic solutions to a class of biological diffusion models with hysteresis effect. Nonlinear Analysis: Real World Applications, 2016, 27, 297-311.	1.7	2
36	Boundedness in a two-species quasi-linear chemotaxis system with two chemicals. Topological Methods in Nonlinear Analysis, 2016, 48, 1.	0.2	5

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37	Critical blow-up exponents for a nonlocal reaction-diffusion equation with nonlocal source and interior absorption. Nonlinear Analysis: Modelling and Control, 2016, 21, 600-613.	1.6	0
38	Boundedness of solutions to a quasilinear parabolicâ€“parabolic Kellerâ€“Segel system with a logistic source. Journal of Mathematical Analysis and Applications, 2015, 431, 867-888.	1.0	43
39	Time optimal controls of the Cahn-Hilliard equation with internal control. Optimal Control Applications and Methods, 2015, 36, 566-582.	2.1	4
40	Boundedness of solutions to a quasilinear parabolicâ€“elliptic Kellerâ€“Segel system with logistic source. Journal of Differential Equations, 2015, 259, 120-140.	2.2	101
41	Optimal Control Problem for Cahnâ€“Hilliard Equations with State Constraint. Journal of Dynamical and Control Systems, 2015, 21, 257-272.	0.8	12
42	Periodic solutions of non-isothermal phase separation models with constraint. Journal of Mathematical Analysis and Applications, 2015, 432, 1018-1038.	1.0	0
43	Optimal controls of multidimensional modified Swiftâ€“Hohenberg equation. International Journal of Control, 2015, 88, 2117-2125.	1.9	10
44	Well-posedness for a class of biological diffusion models with hysteresis effect. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 771-783.	1.4	2
45	Time Optimal Controls of the Lengyelâ€“Epstein Model with Internal Control. Applied Mathematics and Optimization, 2014, 70, 345-371.	1.6	3
46	Time Optimal Controls of the Fitzhughâ€“Nagumo Equation with Internal Control. Journal of Dynamical and Control Systems, 2013, 19, 483-501.	0.8	7
47	Global existence and boundedness in a three-dimensional chemotaxis-Stokes system with nonlinear diffusion and general sensitivity. Annali Di Matematica Pura Ed Applicata, 0, , 1.	1.0	8