

Jiashan

List of Publications by Year in descending order

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papers

722
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516710

16
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all docs

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47
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundedness of solutions to a quasilinear parabolic-elliptic Keller-Segel system with logistic source. <i>Journal of Differential Equations</i> , 2015, 259, 120-140.	2.2	101
2	An optimal result for global existence and boundedness in a three-dimensional Keller-Segel-Stokes system with nonlinear diffusion. <i>Journal of Differential Equations</i> , 2019, 267, 2385-2415.	2.2	57
3	Boundedness of solutions to a quasilinear parabolic-parabolic Keller-Segel system with a logistic source. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 431, 867-888.	1.0	43
4	An optimal result for global existence in a three-dimensional Keller-Segel-Navier-Stokes system involving tensor-valued sensitivity with saturation. <i>Calculus of Variations and Partial Differential Equations</i> , 2019, 58, 1.	1.7	39
5	A note on boundedness of solutions to a higher-dimensional quasi-linear chemotaxis system with logistic source. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2017, 97, 414-421.	1.6	36
6	A new result for global existence and boundedness of solutions to a parabolic-parabolic Keller-Segel system with logistic source. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 462, 1-25.	1.0	36
7	A new result for the global existence (and boundedness) and regularity of a three-dimensional Keller-Segel-Navier-Stokes system modeling coral fertilization. <i>Journal of Differential Equations</i> , 2021, 272, 164-202.	2.2	31
8	Global weak solutions in a three-dimensional Keller-Segel-Navier-Stokes system with nonlinear diffusion. <i>Journal of Differential Equations</i> , 2017, 263, 2606-2629.	2.2	30
9	Large time behavior of solutions to a fully parabolic chemotaxis-haptotaxis model in N dimensions. <i>Journal of Differential Equations</i> , 2019, 266, 1969-2018.	2.2	27
10	Eventual smoothness and stabilization in a three-dimensional Keller-Segel-Navier-Stokes system with rotational flux. <i>Calculus of Variations and Partial Differential Equations</i> , 2022, 61, 1.	1.7	22
11	Blow-up prevention by nonlinear diffusion in a 2D Keller-Segel-Navier-Stokes system with rotational flux. <i>Journal of Differential Equations</i> , 2020, 268, 7092-7120.	2.2	20
12	Boundedness and decay behavior in a higher-dimensional quasilinear chemotaxis system with nonlinear logistic source. <i>Computers and Mathematics With Applications</i> , 2016, 72, 2604-2619.	2.7	19
13	Boundedness of the solution of a higher-dimensional parabolic-ODE-parabolic chemotaxis-haptotaxis model with generalized logistic source. <i>Nonlinearity</i> , 2017, 30, 1987-2009.	1.4	19
14	A new result for 2D boundedness of solutions to a chemotaxis-haptotaxis model with/without sub-logistic source. <i>Nonlinearity</i> , 2019, 32, 4890-4911.	1.4	19
15	Boundedness and global asymptotic stability of constant equilibria in a fully parabolic chemotaxis system with nonlinear logistic source. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 450, 1047-1061.	1.0	18
16	A note for global existence of a two-dimensional chemotaxis-haptotaxis model with remodeling of non-diffusible attractant. <i>Nonlinearity</i> , 2018, 31, 4602-4620.	1.4	18
17	Boundedness of solutions to a quasilinear higher-dimensional chemotaxis-haptotaxis model with nonlinear diffusion. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 627-643.	0.9	18
18	Boundedness in a quasilinear chemotaxis-haptotaxis system with logistic source. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2016, 67, 1.	1.4	15

#	ARTICLE	IF	CITATIONS
19	Boundedness in a three-dimensional chemotaxis-fluid system involving tensor-valued sensitivity with saturation. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 442, 353-375.	1.0	14
20	Global bounded weak solutions for a chemotaxis-Stokes system with nonlinear diffusion and rotation. <i>Journal of Differential Equations</i> , 2021, 289, 182-235.	2.2	14
21	Global Boundedness of the Fully Parabolic Keller-Segel System with Signal-Dependent Motilities. <i>Acta Applicandae Mathematicae</i> , 2021, 171, 1.	1.0	13
22	Optimal Control Problem for Cahn-Hilliard Equations with State Constraint. <i>Journal of Dynamical and Control Systems</i> , 2015, 21, 257-272.	0.8	12
23	Optimal controls of multidimensional modified Swift-Hohenberg equation. <i>International Journal of Control</i> , 2015, 88, 2117-2125.	1.9	10
24	Boundedness of solutions to a quasilinear chemotaxis-haptotaxis model. <i>Computers and Mathematics With Applications</i> , 2016, 71, 1898-1909.	2.7	9
25	Global existence and boundedness in a three-dimensional chemotaxis-Stokes system with nonlinear diffusion and general sensitivity. <i>Annali Di Matematica Pura Ed Applicata</i> , 0, , 1.	1.0	8
26	A new result on existence of global bounded classical solution to a attraction-repulsion chemotaxis system with logistic source. <i>Journal of Differential Equations</i> , 2021, 298, 159-181.	2.2	8
27	Time Optimal Controls of the Fitzhugh-Nagumo Equation with Internal Control. <i>Journal of Dynamical and Control Systems</i> , 2013, 19, 483-501.	0.8	7
28	The Bang-bang principle of time optimal controls for the Kuramoto-Sivashinsky-KdV equation with internal control. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 1667-1685.	3.7	6
29	A new (and optimal) result for the boundedness of a solution of a quasilinear chemotaxis-haptotaxis model (with a logistic source). <i>Journal of Mathematical Analysis and Applications</i> , 2020, 491, 124231.	1.0	6
30	Boundedness in a two-species quasi-linear chemotaxis system with two chemicals. <i>Topological Methods in Nonlinear Analysis</i> , 2016, 48, 1.	0.2	5
31	A note on global existence to a higher-dimensional quasilinear chemotaxis system with consumption of chemoattractant. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2017, 22, 669-686.	0.9	5
32	Time optimal controls of the Cahn-Hilliard equation with internal control. <i>Optimal Control Applications and Methods</i> , 2015, 36, 566-582.	2.1	4
33	Global Classical Solutions and Stabilization in a Two-Dimensional Parabolic-Elliptic Keller-Segel-Stokes System. <i>Journal of Mathematical Fluid Mechanics</i> , 2021, 23, 1.	1.0	4
34	Global Existence, Regularity and Boundedness in a Higher-dimensional Chemotaxis-Navier-Stokes System with Nonlinear Diffusion and General Sensitivity. <i>Calculus of Variations and Partial Differential Equations</i> , 2022, 61, .	1.7	4
35	Time Optimal Controls of the Lengyel-Epstein Model with Internal Control. <i>Applied Mathematics and Optimization</i> , 2014, 70, 345-371.	1.6	3
36	Periodic solutions to the Cahn-Hilliard equation with constraint. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 649-660.	2.3	3

#	ARTICLE	IF	CITATIONS
37	A new result for global solvability and boundedness in the N-dimensional quasilinear chemotaxis model with logistic source and consumption of chemoattractant. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 475, 895-917.	1.0	3
38	A new result for boundedness in the quasilinear parabolic-parabolic Keller-Segel model (with Tj ETQq0 0 0 rgBT/Overlogk 10 Tf 50	2.7	10
39	Well-posedness for a class of biological diffusion models with hysteresis effect. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015, 66, 771-783.	1.4	2
40	Periodic solutions to a class of biological diffusion models with hysteresis effect. <i>Nonlinear Analysis: Real World Applications</i> , 2016, 27, 297-311.	1.7	2
41	A new result for the global existence and boundedness of weak solutions to a chemotaxis-Stokes system with rotational flux term. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2021, 72, 1.	1.4	2
42	Mathematical Research for Models Which is Related to Chemotaxis System. , 2019, , 351-444.		2
43	Eventual smoothness and stabilization in a three-dimensional Keller-Segel-Navier-Stokes system modeling coral fertilization. <i>Journal of Differential Equations</i> , 2022, 328, 228-260.	2.2	2
44	Global classical solutions of Keller-Segel-(Navier)-Stokes system with nonlinear motility functions. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 514, 126272.	1.0	2
45	Boundedness and stabilization of a three-dimensional parabolic-elliptic Keller-Segel-Stokes system. <i>Discrete and Continuous Dynamical Systems</i> , 2022, 42, 4095.	0.9	1
46	Periodic solutions of non-isothermal phase separation models with constraint. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 432, 1018-1038.	1.0	0
47	Critical blow-up exponents for a nonlocal reaction-diffusion equation with nonlocal source and interior absorption. <i>Nonlinear Analysis: Modelling and Control</i> , 2016, 21, 600-613.	1.6	0