Zhengce Zhang

List of Publications by Year
in descending order

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32	314	933447 10	888059 17
papers	citations	h-index	g-index

32	32	32	83
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-autonomous nonlocal partial differential equations with delay and memory. Journal of Differential Equations, 2021, 270, 505-546.	2.2	43
2	Bifurcation for a free-boundary tumor model with angiogenesis. Nonlinear Analysis: Real World Applications, 2017, 35, 483-502.	1.7	42
3	Rate estimates of gradient blowup for a heat equation with exponential nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 4594-4601.	1.1	26
4	Mild Solutions to Time Fractional Stochastic 2D-Stokes Equations with Bounded and Unbounded Delay. Journal of Dynamics and Differential Equations, 2022, 34, 583-603.	1.9	24
5	Gradient blowup rate for a semilinear parabolic equation. Discrete and Continuous Dynamical Systems, 2010, 26, 767-779.	0.9	20
6	Linear stability for a free boundary tumor model with a periodic supply of external nutrients. Mathematical Methods in the Applied Sciences, 2019, 42, 1039-1054.	2.3	15
7	Classification of blowup solutions for a parabolic p-Laplacian equation with nonlinear gradient terms. Journal of Mathematical Analysis and Applications, 2016, 436, 1266-1283.	1.0	14
8	Classification of certain qualitative properties of solutions for the quasilinear parabolic equations. Science China Mathematics, 2018, 61, 855-868.	1.7	14
9	Gradient blowup solutions of a semilinear parabolic equation with exponential source. Communications on Pure and Applied Analysis, 2012, 12, 269-280.	0.8	11
10	A note on gradient blowup rate of the inhomogeneous hamilton-jacobi equations. Acta Mathematica Scientia, 2013, 33, 678-686.	1.0	11
11	Mutual inclusion in a nonlocal competitive Lotka Volterra system. Japan Journal of Industrial and Applied Mathematics, 2014, 31, 87-110.	0.9	11
12	Influence of the Fear Effect on a Holling Type II Preyâ€“Predator System with a Michaelisâ€“Menten Type Harvesting. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, .	1.7	11
13	Gradient blowup rate for a viscous Hamiltonâ€“Jacobi equation with degenerate diffusion. Archiv Der Mathematik, 2013, 100, 361-367.	0.5	10
14	A universal bound for radial solutions of the quasilinear parabolic equation with p-Laplace operator. Journal of Mathematical Analysis and Applications, 2012, 385, 125-134.	1.0	8
15	Well-posedness and dynamics of impulsive fractional stochastic evolution equations with unbounded delay. Communications in Nonlinear Science and Numerical Simulation, 2019, 75, 121-139.	3.3	8
16	Boundedness of Global Solutions for a Heat Equation with Exponential Gradient Source. Abstract and Applied Analysis, 2012, 2012, 1-10.	0.7	7
17	Symmetry and nonexistence of positive solutions for fully nonlinear nonlocal systems. Applied Mathematics Letters, 2022, 124, 107674.	2.7	7
18	Structure of nontrivial nonnegative solutions of singularly perturbed quasilinear Dirichlet problems. Mathematische Nachrichten, 2007, 280, 1620-1639.	0.8	5

#	Article	IF	Citations
19	Dead-core rates for the heat equation with a spatially dependent strong absorption. Discrete and Continuous Dynamical Systems - Series B, 2013, 18, 2203-2210.	0.9	4
20	Blowup time estimates for a parabolic p-Laplacian equation with nonlinear gradient terms. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	1.4	4
21	An optimal Liouville-type theorem of the quasilinear parabolic equation with a -Laplace operator. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 5735-5744.	1.1	3
22	Spatial Profile of the Dead Core for the Fast Diffusion Equation with Dependent Coefficient. International Journal of Differential Equations, 2011, 2011, 1-9.	0.8	3
23	Stability of blowup for a parabolic p-Laplace equation with nonlinear source. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 483-491.	1.4	3
24	Asymptotic behavior of solutions for a free boundary problem with a nonlinear gradient absorption. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	3
25	Asymptotic behavior of global solutions to a class of heat equations with gradient nonlinearity. Discrete and Continuous Dynamical Systems, 2020, 40, 5991-6014.	0.9	3
26	Blowup time estimates for the heat equation with a nonlocal boundary condition. Zeitschrift Fur Angewandte Mathematik Und Physik, 2022, 73, 1.	1.4	2
27	Gradient blowup rate for a heat equation with general gradient nonlinearity. Applicable Analysis, 2016, 95, 1635-1644.	1.3	1
28	Liouville-type theorems and existence of solutions for quasilinear elliptic equations with nonlinear gradient terms. Nonlinear Analysis: Theory, Methods & Applications, 2022, 220, 112873.	1.1	1
29	Structure of least-energy solutions for quasilinear elliptic equations on convex domains. Nonlinear Analysis: Theory, Methods & Applications, 2008, 68, 2349-2356.	1.1	0
30	Non-Self-Similar Dead-Core Rate for the Fast Diffusion Equation with Dependent Coefficient. Abstract and Applied Analysis, 2014, 2014, 1-5.	0.7	0
31	Single blowup point for a semilinear reactionâ€diffusion system. Mathematische Nachrichten, 2018, 291, 2709-2722.	0.8	0
32	Asymptotic behavior of positive solutions for quasilinear elliptic equations. Nonlinear Differential Equations and Applications, 2022, 29, .	0.8	0