Yinghui Zhang

List of Publications by Year
in descending order

22 papers	173 citations	1478505 6 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	113 citing authors

#	Article	IF	Citations
1	Fuzzy-Model-Based Control for Singularly Perturbed Systems With Nonhomogeneous Markov Switching: A Dropout Compensation Strategy. IEEE Transactions on Fuzzy Systems, 2022, 30, 530-541.	9.8	60
2	Global existence and time decay rates for the 3D bipolar compressible Navier-Stokes-Poisson system with unequal viscosities. Science China Mathematics, 2022, 65, 731-752.	1.7	6
3	Optimal decay rate for higher–order derivatives of solution to the 3D compressible quantum magnetohydrodynamic model. Advances in Nonlinear Analysis, 2022, 11, 830-849.	2.6	2
4	Optimal Decay Rates of Higher-Order Derivatives of Solutions to the Compressible Navier–Stokes System. Bulletin of the Malaysian Mathematical Sciences Society, 2022, 45, 3067-3084.	0.9	1
5	Optimal time–decay rates for the 3D compressible Magnetohydrodynamic flows with discontinuous initial data and large oscillations. Journal of the London Mathematical Society, 2021, 103, 817-845.	1.0	13
6	Global existence and time decay rates of the two-phase fluid system in $\mathbb{R}^3$. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	3
7	Global well-posedness and large time behaviour of the viscous liquid-gas two-phase flow model in $\mathbb{R}^3$. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1999-2024.	1.2	2
8	Boundary Effect on Asymptotic Behavior of Solutions to the p-System with Time-Dependent Damping. Advances in Mathematical Physics, 2020, 2020, 1-17.	0.8	2
9	Initial boundary value problem for the 3D quasilinear hyperbolic equations with nonlinear damping. Applicable Analysis, 2019, 98, 2048-2063.	1.3	3
10	Decay of a 3-D hyperbolic-parabolic system modeling chemotaxis. Journal of Information and Optimization Sciences, 2018, 39, 1505-1525.	0.3	0
11	Singularity of the extremal solution for supercritical biharmonic equations with power-type nonlinearity. Chinese Annals of Mathematics Series B, 2017, 38, 815-826.	0.4	0
12	Decay of the 3D Quasilinear Hyperbolic Equations with Nonlinear Damping. Advances in Mathematical Physics, 2017, 2017, 1-13.	0.8	4
13	The 3D non-isentropic compressible Euler equations with damping in a bounded domain. Chinese Annals of Mathematics Series B, 2016, 37, 915-928.	0.4	4
14	Decay of the 3D inviscid liquid–gas two-phase flow model. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	1.4	6
15	Global existence and optimal convergence rates for the strong solutions in H^2 to the 3D viscous liquid–gas two-phase flow model. Journal of Differential Equations, 2015, 258, 2315-2338.	2.2	31
16	Schur convexity for two classes of symmetric functions and their applications. Chinese Annals of Mathematics Series B, 2014, 35, 969-990.	0.4	0
17	Global Existence and Asymptotic Behavior for the 3D Compressible Non–isentropic Euler Equations with Damping. Acta Mathematica Scientia, 2014, 34, 424-434.	1.0	10
18	Existence and asymptotic behavior of global smooth solution for p–system with nonlinear damping and fixed boundary effect. Mathematical Methods in the Applied Sciences, 2014, 37, 2585-2596.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Zero dissipation limit to a Riemann solution consisting of two shock waves for the 1D compressible isentropic Navier-Stokes equations. Science China Mathematics, 2013, 56, 2205-2232.	1.7	5
20	Global analysis of smooth solutions to a hyperbolic-parabolic coupled system. Frontiers of Mathematics in China, 2013, 8, 1437-1460.	0.7	4
21	The automorphism and simple quality of the generalized Virasoro-like Lie algebra. , 2011, , .		0
22	Existence and asymptotic behavior of global smooth solution for -System with damping and boundary effect. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 2499-2513.	1.1	9