# Yinghui Zhang

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 22 papers | 173 citations | 1478505<br>6 h-index | 1125743<br>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 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Decay of the 3D inviscid liquid–gas two-phase flow model. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1. | 1.4 | 6 |
| 8 | 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 |
| 9 | 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 |
| 10 | Global analysis of smooth solutions to a hyperbolic-parabolic coupled system. Frontiers of Mathematics in China, 2013, 8, 1437-1460. | 0.7 | 4 |
| 11 | 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 |
| 12 | Decay of the 3D Quasilinear Hyperbolic Equations with Nonlinear Damping. Advances in Mathematical Physics, 2017, 2017, 1-13. | 0.8 | 4 |
| 13 | Initial boundary value problem for the 3D quasilinear hyperbolic equations with nonlinear damping. Applicable Analysis, 2019, 98, 2048-2063. | 1.3 | 3 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | The automorphism and simple quality of the generalized Virasoro-like Lie algebra. , 2011, , . | | 0 |
| 20 | Schur convexity for two classes of symmetric functions and their applications. Chinese Annals of Mathematics Series B, 2014, 35, 969-990. | 0.4 | 0 |
| 21 | 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 |
| 22 | Decay of a 3-D hyperbolic-parabolic system modeling chemotaxis. Journal of Information and Optimization Sciences, 2018, 39, 1505-1525. | 0.3 | 0 |