

Chunjing Xie

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Existence and Asymptotic Behavior of Large Axisymmetric Solutions for Steady Navier–Stokes System in a Pipe. <i>Archive for Rational Mechanics and Analysis</i> , 2022, 243, 1325-1360.	2.4	8
2	Uniform Structural Stability of Hagen–Poiseuille Flows in a Pipe. <i>Communications in Mathematical Physics</i> , 2022, 393, 1347-1410.	2.2	10
3	Structural Stability of Supersonic Solutions to the Euler–Poisson System. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 679-731.	2.4	16
4	Structural Stability of the Transonic Shock Problem in a Divergent Three-Dimensional Axisymmetric Perturbed Nozzle. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 279-308.	1.9	10
5	Global Strong Solutions to the Inhomogeneous Incompressible Navier–Stokes System in the Exterior of a Cylinder. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 6804-6821.	1.9	2
6	Existence and optimal convergence rates of multi-dimensional subsonic potential flows through an infinitely long nozzle with an obstacle inside. <i>Journal of Mathematical Physics</i> , 2020, 61, 071514.	1.1	3
7	Subsonic Flow for the Multidimensional Euler–Poisson System. <i>Archive for Rational Mechanics and Analysis</i> , 2016, 220, 155-191.	2.4	30
8	Non-uniqueness of admissible weak solutions to compressible Euler systems with source terms. <i>Advances in Mathematics</i> , 2016, 291, 542-583.	1.1	19
9	Two Dimensional Subsonic Euler Flows Past a Wall or a Symmetric Body. <i>Archive for Rational Mechanics and Analysis</i> , 2016, 221, 559-602.	2.4	30
10	Two-dimensional subsonic flows with self-gravitation in bounded domain. <i>Mathematical Models and Methods in Applied Sciences</i> , 2015, 25, 2721-2747.	3.3	8
11	On subsonic Euler flows with stagnation points in two-dimensional nozzles. <i>Indiana University Mathematics Journal</i> , 2014, 63, 1499-1523.	0.9	30
12	Subsonic Solutions for Steady Euler–Poisson System in Two-Dimensional Nozzles. <i>SIAM Journal on Mathematical Analysis</i> , 2014, 46, 3455-3480.	1.9	27
13	Three dimensional steady subsonic Euler flows in bounded nozzles. <i>Journal of Differential Equations</i> , 2014, 256, 3684-3708.	2.2	17
14	Steady Subsonic Ideal Flows Through an Infinitely Long Nozzle with Large Vorticity. <i>Communications in Mathematical Physics</i> , 2014, 328, 327-354.	2.2	64
15	Asymptotic Behavior of Massless Dirac Waves in Schwarzschild Geometry. <i>Annales Henri Poincare</i> , 2012, 13, 943-989.	1.7	5
16	Existence of steady subsonic Euler flows through infinitely long periodic nozzles. <i>Journal of Differential Equations</i> , 2012, 252, 4315-4331.	2.2	25
17	Stability of Transonic Shock Solutions for One-Dimensional Euler–Poisson Equations. <i>Archive for Rational Mechanics and Analysis</i> , 2011, 202, 787-827.	2.4	42
18	On the classical solutions of two dimensional inviscid rotating shallow water system. <i>Journal of Differential Equations</i> , 2011, 250, 690-709.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Global subsonic and subsonic-sonic flows through infinitely long axially symmetric nozzles. Journal of Differential Equations, 2010, 248, 2657-2683.	2.2	73
20	Existence of Global Steady Subsonic Euler Flows Through Infinitely Long Nozzles. SIAM Journal on Mathematical Analysis, 2010, 42, 751-784.	1.9	85
21	Global subsonic and subsonic-sonic flows through infinitely long nozzles. Indiana University Mathematics Journal, 2007, 56, 2991-3024.	0.9	104