Roberta Bianchini

List of Publications by Year
in descending order

13 papers	50 citations	1684188 5 h-index	1720034 7 g-index
13 all docs	13 docs citations	13 times ranked	28 citing authors

#	ARTICLE	IF	CITATIONS
1	Nonresonant bilinear forms for partially dissipative hyperbolic systems violating the Shizuta–Kawashima condition. Journal of Evolution Equations, 2022, 22, .	1.1	0
2	Asymptotic behavior of 2D stably stratified fluids with a damping term in the velocity equation. ESAIM - Control, Optimisation and Calculus of Variations, 2021, 27, 43.	1.3	3
3	Near-critical reflection of internal waves. Analysis and PDE, 2021, 14, 205-249.	1.4	5
4	Soft congestion approximation to the one-dimensional constrained Euler equations. Nonlinearity, 2021, 34, 6901-6929.	1.4	5
5	Relative entropy in diffusive relaxation for a class of discrete velocities BGK models. Communications in Mathematical Sciences, 2021, 19, 39-54.	1.0	1
6	A Two-Dimensional "Flea on the Elephant" Phenomenon and its Numerical Visualization. Multiscale Modeling and Simulation, 2019, 17, 137-166.	1.6	4
7	Strong convergence of a vector-BGK model to the incompressible Navier-Stokes equations via the relative entropy method. Journal Des Mathematiques Pures Et Appliquees, 2019, 132, 280-307.	1.6	3
8	Convergence of a vector-BGK approximation for the incompressible Navier-Stokes equations. Kinetic and Related Models, 2019, 12, 133-158.	0.9	5
9	The paradifferential approach to the local well-posedness of some problems in mixture theory in two space dimensions. Communications in Partial Differential Equations, 2018, 43, 1051-1072.	2.2	1
10	A Truly Two-Dimensional Discretization of Drift-Diffusion Equations on Cartesian Grids. SIAM Journal on Numerical Analysis, 2018, 56, 2845-2870.	2.3	11
11	Uniform Asymptotic and Convergence Estimates for the Jin--Xin Model Under the Diffusion Scaling. SIAM Journal on Mathematical Analysis, 2018, 50, 1877-1899.	1.9	6
12	Well-posedness of a model of nonhomogeneous compressible–incompressible fluids. Journal of Hyperbolic Differential Equations, 2017, 14, 487-516.	0.5	1
13	Global existence and asymptotic stability of smooth solutions to a fluid dynamics model of biofilms in one space dimension. Journal of Mathematical Analysis and Applications, 2016, 434, 1909-1923.	1.0	5