Jean-Michel Ghidaglia

List of Publications by Year
in descending order

18	499	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical simulation of wave impacts with interfacial phase change: An interface reconstruction scheme. European Journal of Mechanics, B/Fluids, 2019, 76, 352-364.	2.5	3
2	Slamming: Recent Progress in the Evaluation of Impact Pressures. Annual Review of Fluid Mechanics, 2018, 50, 243-273.	25.0	89
3	Numerical simulation of wave impacts with interfacial phase change: An isothermal averaged model. European Journal of Mechanics, B/Fluids, 2018, 72, 631-644.	2.5	5
4	A REGULARIZED STIFFENED-GAS EQUATION OF STATE. Journal of Applied Analysis and Computation, 2018, 8, 675-689.	0.5	0
5	Violent flows in aqueous foam II: Simulation platform and results. European Journal of Mechanics, B/Fluids, 2015, 54, 105-124.	2.5	2
6	An Eulerian finite volume solver for multi-material fluid flows with cylindrical symmetry. Computers and Fluids, 2013, 83, 170-176.	2.5	6
7	A totally Eulerian finite volume solver for multi-material fluid flows: Enhanced Natural Interface Positioning (ENIP). European Journal of Mechanics, B/Fluids, 2012, 31, 1-11.	2.5	16
8	An optimal error estimate for upwind Finite Volume methods for nonlinear hyperbolic conservation laws. Applied Numerical Mathematics, 2011, 61, 1114-1131.	2.1	4
9	Error estimate for the upwind finite volume method for the nonlinear scalar conservation law. Journal of Computational and Applied Mathematics, 2011, 235, 5394-5410.	2.0	7
10	A two-fluid model for violent aerated flows. Computers and Fluids, 2010, 39, 283-293.	2.5	26
11	Theoretical analysis of the upwind finite volume scheme on the counter-example of Peterson. ESAIM: Mathematical Modelling and Numerical Analysis, 2010, 44, 1279-1293.	1.9	5
12	The normal flux method at the boundary for multidimensional finite volume approximations in CFD. European Journal of Mechanics, B/Fluids, 2005, 24, 1-17.	2.5	29
13	Error Estimate and the Geometric Corrector for the Upwind Finite Volume Method Applied to the Linear Advection Equation. SIAM Journal on Numerical Analysis, 2005, 43, 578-603.	2.3	29
14	On the numerical solution to two fluid models via a cell centered finite volume method. European Journal of Mechanics, B/Fluids, 2001, 20, 841-867.	2.5	71
15	Upper bounds on the Lyapunov exponents for dissipative perturbations of infinite dimensional Hamiltonian systems. , 1989, , 113-126.		0
16	Weakly damped forced Korteweg-de Vries equations behave as a finite dimensional dynamical system in the long time. Journal of Differential Equations, 1988, 74, 369-390.	2.2	131
17	Some backward uniqueness results. Nonlinear Analysis: Theory, Methods & Applications, 1986, 10, 777-790.	1.1	61
18	Long time behaviour of solutions of abstract inequalities: Applications to thermo-hydraulic and magnetohydrodynamic equations. Journal of Differential Equations, 1986, 61, 268-294.	2.2	15