Alexandre Chiapolino

List of Publications by Year
in descending order

9 papers	188 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	124 citing authors

#	Article	IF	Citations
1	A Method to Solve Hamilton–Jacobi Type Equation on Unstructured Meshes. Journal of Scientific Computing, 2021, 88, 1.	2.3	1
2	Modeling Heavy-Gas Dispersion in Air with Two-Layer Shallow Water Equations. Fluids, 2021, 6, 2.	1.7	1
3	Riemann solver with internal reconstruction (RSIR) for compressible single-phase and non-equilibrium two-phase flows. Journal of Computational Physics, 2020, 408, 109176.	3.8	7
4	Numerical investigations of two-phase finger-like instabilities. Computers and Fluids, 2020, 206, 104585.	2.5	5
5	Extended Noble–Abel Stiffened-Gas Equation of State for Sub-and-Supercritical Liquid-Gas Systems Far from the Critical Point. Fluids, 2018, 3, 48.	1.7	11
6	Models and methods for two-layer shallow water flows. Journal of Computational Physics, 2018, 371, 1043-1066.	3.8	21
7	Sharpening diffuse interfaces with compressible fluids on unstructured meshes. Journal of Computational Physics, 2017, 340, 389-417.	3.8	60
8	A simple and fast phase transition relaxation solver for compressible multicomponent two-phase flows. Computers and Fluids, 2017, 150, 31-45.	2.5	47
9	A simple phase transition relaxation solver for liquid–vapor flows. International Journal for Numerical Methods in Fluids, 2017, 83, 583-605.	1.6	35