Adelino Paiva

List of Publications by Year
in descending order

10 papers	**99** citations	1478505 **6** h-index	1474206 **9** g-index
10 all docs	**10** docs citations	**10** times ranked	**13** citing authors

#	Article	IF	Citations
1	Interaction of Dirac δ-waves in the nonlinear Klein-Gordon equation. Journal of Differential Equations, 2021, 270, 1196-1217.	2.2	12
2	Distributions as initial values in a triangular hyperbolic system of conservation laws. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 2757-2775.	1.2	8
3	New δ-shock waves in the p-system: a distributional product approach. Mathematics and Mechanics of Solids, 2020, 25, 619-629.	2.4	9
4	Formation of $delta$-shock waves in isentropic fluids. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	1.4	6
5	Creation, Annihilation, and Interaction of Delta-Waves in Nonlinear Models: a Distributional Product Approach. Russian Journal of Mathematical Physics, 2020, 27, 111-125.	1.5	2
6	Newton's second law and the multiplication of distributions. Journal of Mathematical Physics, 2018, 59, 013505.	1.1	9
7	Delta Shock Waves in the Shallow Water System. Journal of Dynamics and Differential Equations, 2018, 30, 1187-1198.	1.9	23
8	The Multiplication of Distributions in the Study of a Riemann Problem in Fluid Dynamics. Journal of Nonlinear Mathematical Physics, 2017, 24, 328.	1.3	19
9	Products of distributions and collision of a δ-wave with a δ'^2-wave in a turbulent model. Journal of Nonlinear Mathematical Physics, 2015, 22, 381.	1.3	11
10	Rigidity index preservation of regular holonomic $\mathcal{D}$-modules under Fourier transform. Portugaliae Mathematica, 2013, 70, 269-293.	0.4	0