

Adelino Paiva

List of Publications by Year in descending order

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10
papers

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citations

1478505

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1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	Delta Shock Waves in the Shallow Water System. Journal of Dynamics and Differential Equations, 2018, 30, 1187-1198.	1.9	23
2	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
3	Interaction of Dirac $\hat{\Gamma}$ -waves in the nonlinear Klein-Gordon equation. Journal of Differential Equations, 2021, 270, 1196-1217.	2.2	12
4	Products of distributions and collision of a $\hat{\Gamma}$ -wave with a $\hat{\Gamma} \in \mathbb{R}^2$ -wave in a turbulent model. Journal of Nonlinear Mathematical Physics, 2015, 22, 381.	1.3	11
5	Newton's second law and the multiplication of distributions. Journal of Mathematical Physics, 2018, 59, 013505.	1.1	9
6	New $\hat{\Gamma}$ -shock waves in the p-system: a distributional product approach. Mathematics and Mechanics of Solids, 2020, 25, 619-629.	2.4	9
7	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
8	Formation of δ -shock waves in isentropic fluids. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	1.4	6
9	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
10	Rigidity index preservation of regular holonomic \mathcal{D} -modules under Fourier transform. Portugaliae Mathematica, 2013, 70, 269-293.	0.4	0