

Cleopatra C Christoforou

List of Publications by Year in descending order

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papers

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citations

1039880

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23
all docs

23
docs citations

23
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	The relative entropy method for inhomogeneous systems of balance laws. Quarterly of Applied Mathematics, 2021, 79, 201-227.	0.5	1
2	A discrete variational scheme for isentropic processes in polyconvex thermoelasticity. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	0.9	2
3	Measure-valued solutions for the equations of polyconvex adiabatic thermoelasticity. Discrete and Continuous Dynamical Systems, 2019, 39, 6175-6206.	0.5	6
4	Relative Entropy for Hyperbolic-Parabolic Systems and Application to the Constitutive Theory of Thermoelastocoeasticity. Archive for Rational Mechanics and Analysis, 2018, 229, 1-52.	1.1	23
5	A symmetrizable extension of polyconvex thermoelasticity and applications to zero-viscosity limits and weak-strong uniqueness. Communications in Partial Differential Equations, 2018, 43, 1019-1050.	1.0	4
6	On The Relative Entropy Method For Hyperbolic-Parabolic Systems. Springer Proceedings in Mathematics and Statistics, 2018, , 363-374.	0.1	0
7	On Hyperbolic Balance Laws and Applications. Springer INdAM Series, 2017, , 141-166.	0.4	0
8	On the decay rate of the Gauss curvature for isometric immersions. Bulletin of the Brazilian Mathematical Society, 2016, 47, 255-265.	0.3	2
9	Isometric immersions via compensated compactness for slowly decaying negative Gauss curvature and rough data. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 3109-3122.	0.7	5
10	A remark on the Glimm scheme for inhomogeneous hyperbolic systems of balance laws. Journal of Hyperbolic Differential Equations, 2015, 12, 787-797.	0.3	3
11	Boundary layers for self-similar viscous approximations of nonlinear hyperbolic systems. Quarterly of Applied Mathematics, 2013, 71, 433-453.	0.5	1
12	BV weak solutions to Gauss-Codazzi system for isometric immersions. Journal of Differential Equations, 2012, 252, 2845-2863.	1.1	10
13	Decay of Positive Waves of Hyperbolic Balance Laws. Acta Mathematica Scientia, 2012, 32, 352-366.	0.5	2
14	Existence and uniqueness analysis of a detached shock problem for the potential flow. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 705-720.	0.6	3
15	Rate of Convergence for Vanishing Viscosity Approximations to Hyperbolic Balance Laws. SIAM Journal on Mathematical Analysis, 2011, 43, 2307-2336.	0.9	5
16	A UNIQUENESS CRITERION FOR VISCOUS LIMITS OF BOUNDARY RIEMANN PROBLEMS. Journal of Hyperbolic Differential Equations, 2011, 08, 507-544.	0.3	7
17	Sharp decay estimates for hyperbolic balance laws. Journal of Differential Equations, 2009, 247, 401-423.	1.1	12
18	Continuous Dependence of Entropy Solutions to the Euler Equations on the Adiabatic Exponent and Mach Number. Archive for Rational Mechanics and Analysis, 2008, 189, 97-130.	1.1	17

#	ARTICLE	IF	CITATIONS
19	SYSTEMS OF HYPERBOLIC CONSERVATION LAWS WITH MEMORY. Journal of Hyperbolic Differential Equations, 2007, 04, 435-478.	0.3	10
20	Solutions for a nonlocal conservation law with fading memory. Proceedings of the American Mathematical Society, 2007, 135, 3905-3916.	0.4	13
21	Dependence of entropy solutions in the large for the Euler equations on nonlinear flux functions. Indiana University Mathematics Journal, 2007, 56, 2535-2568.	0.4	13
22	Uniqueness and Sharp Estimates on Solutions to Hyperbolic Systems with Dissipative Source. Communications in Partial Differential Equations, 2006, 31, 1825-1839.	1.0	18
23	Hyperbolic systems of balance laws via vanishing viscosity. Journal of Differential Equations, 2006, 221, 470-541.	1.1	33