Elio Marconi

List of Publications by Year
in descending order

14 papers	**67** citations	1937685 **4** h-index	1588992 **8** g-index
14 all docs	**14** docs citations	**14** times ranked	**32** citing authors

#	Article	IF	Citations
1	Local limit of nonlocal traffic models: Convergence results and total variation blow-up. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 1653-1666.	1.4	15
2	On the Structure of $${L^\infty}$$ L $\hat{ }$ž -Entropy Solutions to Scalar Conservation Laws in One-Space Dimension. Archive for Rational Mechanics and Analysis, 2017, 226, 441-493.	2.4	13
3	Regularity estimates for scalar conservation laws in one space dimension. Journal of Hyperbolic Differential Equations, 2018, 15, 623-691.	0.5	12
4	Characterization of Minimizers of Avilesâ€"Giga Functionals in Special Domains. Archive for Rational Mechanics and Analysis, 2021, 242, 1289-1316.	2.4	6
5	Rectifiability of entropy defect measures in a micromagnetics model. Advances in Calculus of Variations, 2023, 16, 233-257.	1.2	5
6	Regularity estimates for the flow of BV autonomous divergence-free vector fields in â"2. Communications in Partial Differential Equations, 0, , 1-33.	2.2	3
7	On the concentration of entropy for scalar conservation laws. Discrete and Continuous Dynamical Systems - Series S, 2016, 9, 73-88.	1.1	3
8	The rectifiability of the entropy defect measure for Burgers equation. Journal of Functional Analysis, 2022, 283, 109568.	1.4	3
9	Differentiability properties of the flow of 2d autonomous vector fields. Journal of Differential Equations, 2021, 301, 330-352.	2.2	2
10	Initialâ€"boundary value problems for merely bounded nearly incompressible vector fields in one space dimension. Journal of Differential Equations, 2022, 307, 250-296.	2.2	2
11	On the structure of weak solutions to scalar conservation laws with finite entropy production. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	2
12	Generalized characteristics for finite entropy solutions of Burgersâ€™ equation. Nonlinear Analysis: Theory, Methods & Applications, 2022, 219, 112804.	1.1	1
13	A Lagrangian Approach to Scalar Conservation Laws. Springer Proceedings in Mathematics and Statistics, 2018, , 179-190.	0.2	0
14	New Regularity Results for Scalar Conservation Laws, and Applications to a Source-Destination Model for Traffic Flows on Networks. SIAM Journal on Mathematical Analysis, 2022, 54, 3019-3053.	1.9	0