

# Elio Marconi

## List of Publications by Year in descending order

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14  
papers

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citations

1937685

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1588992

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32  
citing authors

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