Laura V Spinolo

List of Publications by Year
in descending order

25 papers	**225** citations	1163117 **8** h-index	996975 **15** g-index
26 all docs	**26** docs citations	**26** times ranked	**117** citing authors

#	Article	IF	Citations
1	Initial–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
2	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
3	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
4	Characteristic Boundary Layers for Mixed Hyperbolic–Parabolic Systems in One Space Dimension and Applications to the Navier–Stokes and MHD Equations. Communications on Pure and Applied Mathematics, 2020, 73, 2180-2247.	3.1	0
5	On the Singular Local Limit for Conservation Laws with Nonlocal Fluxes. Archive for Rational Mechanics and Analysis, 2019, 233, 1131-1167.	2.4	30
6	A mathematical model for piracy control through police response. Nonlinear Differential Equations and Applications, 2017, 24, 1.	0.8	7
7	Initial-boundary value problems for nearly incompressible vector fields, and applications to the Keyfitz and Kranzer system. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	2
8	Optimality of integrability estimates for advection–diffusion equations. Nonlinear Differential Equations and Applications, 2017, 24, 1.	0.8	11
9	Schaeffer's regularity theorem for scalar conservation laws does not extend to systems. Indiana University Mathematics Journal, 2017, 66, 101-160.	0.9	2
10	An overview on the approximation of boundary Riemann problems through physical viscosity. Bulletin of the Brazilian Mathematical Society, 2016, 47, 131-142.	0.8	0
11	New interaction estimates for the Baiti-Jenssen system. Networks and Heterogeneous Media, 2016, 11, 263-280.	1.1	0
12	A counter-example concerning regularity properties for systems of conservation laws. Proceedings in Applied Mathematics and Mechanics, 2015, 15, 625-626.	0.2	0
13	Accurate numerical schemes for approximating initial-boundary value problems for systems of conservation laws. Journal of Hyperbolic Differential Equations, 2015, 12, 61-86.	0.5	7
14	On the extension property of Reifenberg-flat domains. Annales Academiae Scientiarum Fennicae Mathematica, 2014, 39, 51-71.	0.7	39
15	Initial–boundary value problems for continuity equations with BV coefficients. Journal Des Mathematiques Pures Et Appliquees, 2014, 102, 79-98.	1.6	10
16	Spectral stability estimates for the Dirichlet and Neumann Laplacian in rough domains. Journal of Functional Analysis, 2013, 264, 2097-2135.	1.4	11
17	Boundary layers for self-similar viscous approximations of nonlinear hyperbolic systems. Quarterly of Applied Mathematics, 2013, 71, 433-453.	0.7	1
18	Invariant manifolds for a singular ordinary differential equation. Journal of Differential Equations, 2011, 250, 1788-1827.	2.2	5

#	Article	IF	Citations
19	A UNIQUENESS CRITERION FOR VISCOUS LIMITS OF BOUNDARY RIEMANN PROBLEMS. Journal of Hyperbolic Differential Equations, 2011, 08, 507-544.	0.5	7
20	Existence and Uniqueness Results for the Continuity Equation and Applications to the Chromatography System. The IMA Volumes in Mathematics and Its Applications, 2011, , 195-204.	0.5	2
21	An overview on some results concerning the transport equation and its applications to conservation laws. Communications on Pure and Applied Analysis, 2010, 9, 1283-1293.	0.8	3
22	The Boundary Riemann Solver Coming from the Real Vanishing Viscosity Approximation. Archive for Rational Mechanics and Analysis, 2009, 191, 1-96.	2.4	26
23	Some New Well-Posedness Results for Continuity and Transport Equations, and Applications to the Chromatography System. SIAM Journal on Mathematical Analysis, 2009, 41, 1890-1920.	1.9	35
24	Vanishing viscosity solutions of a 2 imes 2 triangular hyperbolic system with Dirichlet conditions on two boundaries. Indiana University Mathematics Journal, 2007, 56, 279-364.	0.9	6
25	On the role of numerical viscosity in the study of the local limit of nonlocal conservation laws. ESAIM: Mathematical Modelling and Numerical Analysis, 0, , .	1.9	4