

# Laura V Spinolo

## List of Publications by Year in descending order

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25  
papers

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citations

1163117

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26  
docs citations

26  
times ranked

117  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | On the extension property of Reifenberg-flat domains. <i>Annales Academiae Scientiarum Fennicae Mathematica</i> , 2014, 39, 51-71.  | 0.7 | 39        |
| 2  | Some New Well-Posedness Results for Continuity and Transport Equations, and Applications to the Chromatography System. <i>SIAM Journal on Mathematical Analysis</i> , 2009, 41, 1890-1920.          | 1.9 | 35        |
| 3  | On the Singular Local Limit for Conservation Laws with Nonlocal Fluxes. <i>Archive for Rational Mechanics and Analysis</i> , 2019, 233, 1131-1167.  | 2.4 | 30        |
| 4  | The Boundary Riemann Solver Coming from the Real Vanishing Viscosity Approximation. <i>Archive for Rational Mechanics and Analysis</i> , 2009, 191, 1-96.   | 2.4 | 26        |
| 5  | 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        |
| 6  | Spectral stability estimates for the Dirichlet and Neumann Laplacian in rough domains. <i>Journal of Functional Analysis</i> , 2013, 264, 2097-2135.  | 1.4 | 11        |
| 7  | Optimality of integrability estimates for advection-diffusion equations. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.  | 0.8 | 11        |
| 8  | Initial-boundary value problems for continuity equations with BV coefficients. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2014, 102, 79-98.   | 1.6 | 10        |
| 9  | A UNIQUENESS CRITERION FOR VISCOUS LIMITS OF BOUNDARY RIEMANN PROBLEMS. <i>Journal of Hyperbolic Differential Equations</i> , 2011, 08, 507-544.  | 0.5 | 7         |
| 10 | Accurate numerical schemes for approximating initial-boundary value problems for systems of conservation laws. <i>Journal of Hyperbolic Differential Equations</i> , 2015, 12, 61-86.               | 0.5 | 7         |
| 11 | A mathematical model for piracy control through police response. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.  | 0.8 | 7         |
| 12 | Vanishing viscosity solutions of a 2 times 2 triangular hyperbolic system with Dirichlet conditions on two boundaries. <i>Indiana University Mathematics Journal</i> , 2007, 56, 279-364.           | 0.9 | 6         |
| 13 | Invariant manifolds for a singular ordinary differential equation. <i>Journal of Differential Equations</i> , 2011, 250, 1788-1827.   | 2.2 | 5         |
| 14 | On the role of numerical viscosity in the study of the local limit of nonlocal conservation laws. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 0, , .                              | 1.9 | 4         |
| 15 | An overview on some results concerning the transport equation and its applications to conservation laws. <i>Communications on Pure and Applied Analysis</i> , 2010, 9, 1283-1293.                   | 0.8 | 3         |
| 16 | Initial-boundary value problems for nearly incompressible vector fields, and applications to the Keyfitz and Kranzer system. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017, 68, 1. | 1.4 | 2         |
| 17 | Existence and Uniqueness Results for the Continuity Equation and Applications to the Chromatography System. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2011, , 195-204.           | 0.5 | 2         |
| 18 | Schaeffer's regularity theorem for scalar conservation laws does not extend to systems. <i>Indiana University Mathematics Journal</i> , 2017, 66, 101-160.  | 0.9 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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         |
| 20 | Boundary layers for self-similar viscous approximations of nonlinear hyperbolic systems. <i>Quarterly of Applied Mathematics</i> , 2013, 71, 433-453.  | 0.7 | 1         |
| 21 | A counter-example concerning regularity properties for systems of conservation laws. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 625-626.  | 0.2 | 0         |
| 22 | An overview on the approximation of boundary Riemann problems through physical viscosity. <i>Bulletin of the Brazilian Mathematical Society</i> , 2016, 47, 131-142.   | 0.8 | 0         |
| 23 | Characteristic Boundary Layers for Mixed Hyperbolic-Parabolic Systems in One Space Dimension and Applications to the Navier-Stokes and MHD Equations. <i>Communications on Pure and Applied Mathematics</i> , 2020, 73, 2180-2247. | 3.1 | 0         |
| 24 | New interaction estimates for the Baiti-Jenssen system. <i>Networks and Heterogeneous Media</i> , 2016, 11, 263-280.   | 1.1 | 0         |
| 25 | 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         |