Luca Scarpa

List of Publications by Year
in descending order

31 papers	260 citations	933447 10 h-index	1058476 14 g-index
33 all docs	33 docs citations	33 times ranked	59 citing authors

#	ARTICLE	IF	CITATIONS
1	Doubly nonlinear stochastic evolution equations II. Stochastics and Partial Differential Equations: Analysis and Computations, 2023, 11, 307-347.	0.9	3
2	The Cahn--Hilliard Equation with Forward-Backward Dynamic Boundary Condition via Vanishing Viscosity. SIAM Journal on Mathematical Analysis, 2022, 54, 3292-3315.	1.9	2
3	The Stochastic Viscous Cahn–Hilliard Equation: Well-Posedness, Regularity and Vanishing Viscosity Limit. Applied Mathematics and Optimization, 2021, 84, 487-533.	1.6	10
4	Nonlocal-to-Local Convergence of Cahn–Hilliard Equations: Neumann Boundary Conditions and Viscosity Terms. Archive for Rational Mechanics and Analysis, 2021, 239, 117-149.	2.4	15
5	Stochastic PDEs via convex minimization. Communications in Partial Differential Equations, 2021, 46, 66-97.	2.2	4
6	Analysis and Optimal Velocity Control of a Stochastic Convective Cahn–Hilliard Equation. Journal of Nonlinear Science, 2021, 31, 45.	2.1	4
7	On a class of non-local phase-field models for tumor growth with possibly singular potentials, chemotaxis, and active transport. Nonlinearity, 2021, 34, 3199-3250.	1.4	17
8	The stochastic Cahn–Hilliard equation with degenerate mobility and logarithmic potential. Nonlinearity, 2021, 34, 3813-3857.	1.4	11
9	Local asymptotics for nonlocal convective Cahn-Hilliard equations with W1,1 kernel and singular potential. Journal of Differential Equations, 2021, 289, 35-58.	2.2	10
10	An Extended Variational Theory for Nonlinear Evolution Equations via Modular Spaces. SIAM Journal on Mathematical Analysis, 2021, 53, 4865-4907.	1.9	2
11	Parameter identification for nonlocal phase field models for tumor growth via optimal control and asymptotic analysis. Mathematical Models and Methods in Applied Sciences, 2021, 31, 2643-2694.	3.3	6
12	Ergodicity and Kolmogorov Equations for Dissipative SPDEs with Singular Drift: a Variational Approach. Potential Analysis, 2020, 52, 69-103.	0.9	8
13	Fréchet differentiability of mild solutions to SPDEs with respect to the initial datum. Journal of Evolution Equations, 2020, 20, 1093-1130.	1.1	2
14	Degenerate nonlocal Cahn-Hilliard equations: Well-posedness, regularity and local asymptotics. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2020, 37, 627-651.	1.4	12
15	An order approach to SPDEs with antimonotone terms. Stochastics and Partial Differential Equations: Analysis and Computations, 2020, 8, 819-832.	0.9	1
16	Doubly nonlinear stochastic evolution equations. Mathematical Models and Methods in Applied Sciences, 2020, 30, 991-1031.	3.3	7
17	Bounded solutions and their asymptotics for a doubly nonlinear Cahn–Hilliard system. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	9
18	Optimal control of stochastic phase-field models related to tumor growth. ESAIM - Control, Optimisation and Calculus of Variations, 2020, 26, 104.	1.3	10

#	Article	IF	Citations
19	Refined existence and regularity results for a class of semilinear dissipative SPDEs. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2020, 23, 2050014.	0.5	9
20	Optimal Distributed Control of a Stochastic Cahn--Hilliard Equation. SIAM Journal on Control and Optimization, 2019, 57, 3571-3602.	2.1	8
21	Singular stochastic Allen–Cahn equations with dynamic boundary conditions. Journal of Differential Equations, 2019, 266, 4624-4667.	2.2	14
22	Existence and uniqueness of solutions to singular Cahn–Hilliard equations with nonlinear viscosity terms and dynamic boundary conditions. Journal of Mathematical Analysis and Applications, 2019, 469, 730-764.	1.0	11
23	A variational approach to dissipative SPDEs with singular drift. Annals of Probability, 2018, 46, .	1.8	21
24	Strong solutions to SPDEs with monotone drift in divergence form. Stochastics and Partial Differential Equations: Analysis and Computations, 2018, 6, 364-396.	0.9	2
25	On the stochastic Cahn–Hilliard equation with a singular double-well potential. Nonlinear Analysis: Theory, Methods & Applications, 2018, 171, 102-133.	1.1	20
26	A note on doubly nonlinear SPDEs with singular drift in divergence form. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2018, 29, 619-633.	0.6	7
27	On the Well-Posedness of SPDEs with Singular Drift in Divergence Form. Springer Proceedings in Mathematics and Statistics, 2018, , 225-235.	0.2	2
28	A doubly nonlinear Cahn-Hilliard system with nonlinear viscosity. Communications on Pure and Applied Analysis, 2018, 17, 1001-1022.	0.8	10
29	Well-posedness for a class of doubly nonlinear stochastic PDEs of divergence type. Journal of Differential Equations, 2017, 263, 2113-2156.	2.2	10
30	From the viscous Cahn–Hilliard equation to a regularized forward-backward parabolic equation. Asymptotic Analysis, 2016, 99, 183-205.	0.5	12
31	Existence of solutions for a model of microwave heating. Discrete and Continuous Dynamical Systems, 2015, 36, 3011-3034.	0.9	1