

Luca Scarpa

List of Publications by Year in descending order

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papers

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citations

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all docs

33
docs citations

33
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	A variational approach to dissipative SPDEs with singular drift. <i>Annals of Probability</i> , 2018, 46, .	1.8	21
2	On the stochastic Cahn-Hilliard equation with a singular double-well potential. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2018, 171, 102-133.	1.1	20
3	On a class of non-local phase-field models for tumor growth with possibly singular potentials, chemotaxis, and active transport. <i>Nonlinearity</i> , 2021, 34, 3199-3250.	1.4	17
4	Nonlocal-to-Local Convergence of Cahn-Hilliard Equations: Neumann Boundary Conditions and Viscosity Terms. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 117-149.	2.4	15
5	Singular stochastic Allen-Cahn equations with dynamic boundary conditions. <i>Journal of Differential Equations</i> , 2019, 266, 4624-4667.	2.2	14
6	From the viscous Cahn-Hilliard equation to a regularized forward-backward parabolic equation. <i>Asymptotic Analysis</i> , 2016, 99, 183-205.	0.5	12
7	Degenerate nonlocal Cahn-Hilliard equations: Well-posedness, regularity and local asymptotics. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2020, 37, 627-651.	1.4	12
8	Existence and uniqueness of solutions to singular Cahn-Hilliard equations with nonlinear viscosity terms and dynamic boundary conditions. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 469, 730-764.	1.0	11
9	The stochastic Cahn-Hilliard equation with degenerate mobility and logarithmic potential. <i>Nonlinearity</i> , 2021, 34, 3813-3857.	1.4	11
10	Well-posedness for a class of doubly nonlinear stochastic PDEs of divergence type. <i>Journal of Differential Equations</i> , 2017, 263, 2113-2156.	2.2	10
11	The Stochastic Viscous Cahn-Hilliard Equation: Well-Posedness, Regularity and Vanishing Viscosity Limit. <i>Applied Mathematics and Optimization</i> , 2021, 84, 487-533.	1.6	10
12	Local asymptotics for nonlocal convective Cahn-Hilliard equations with $W_{1,1}$ kernel and singular potential. <i>Journal of Differential Equations</i> , 2021, 289, 35-58.	2.2	10
13	Optimal control of stochastic phase-field models related to tumor growth. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2020, 26, 104.	1.3	10
14	A doubly nonlinear Cahn-Hilliard system with nonlinear viscosity. <i>Communications on Pure and Applied Analysis</i> , 2018, 17, 1001-1022.	0.8	10
15	Bounded solutions and their asymptotics for a doubly nonlinear Cahn-Hilliard system. <i>Calculus of Variations and Partial Differential Equations</i> , 2020, 59, 1.	1.7	9
16	Refined existence and regularity results for a class of semilinear dissipative SPDEs. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2020, 23, 2050014.	0.5	9
17	Optimal Distributed Control of a Stochastic Cahn-Hilliard Equation. <i>SIAM Journal on Control and Optimization</i> , 2019, 57, 3571-3602.	2.1	8
18	Ergodicity and Kolmogorov Equations for Dissipative SPDEs with Singular Drift: a Variational Approach. <i>Potential Analysis</i> , 2020, 52, 69-103.	0.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	Doubly nonlinear stochastic evolution equations. Mathematical Models and Methods in Applied Sciences, 2020, 30, 991-1031.	3.3	7
21	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
22	Stochastic PDEs via convex minimization. Communications in Partial Differential Equations, 2021, 46, 66-97.	2.2	4
23	Analysis and Optimal Velocity Control of a Stochastic Convective Cahn–Hilliard Equation. Journal of Nonlinear Science, 2021, 31, 45.	2.1	4
24	Doubly nonlinear stochastic evolution equations II. Stochastics and Partial Differential Equations: Analysis and Computations, 2023, 11, 307-347.	0.9	3
25	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
26	On the Well-Posedness of SPDEs with Singular Drift in Divergence Form. Springer Proceedings in Mathematics and Statistics, 2018, , 225-235.	0.2	2
27	Fréchet differentiability of mild solutions to SPDEs with respect to the initial datum. Journal of Evolution Equations, 2020, 20, 1093-1130.	1.1	2
28	An Extended Variational Theory for Nonlinear Evolution Equations via Modular Spaces. SIAM Journal on Mathematical Analysis, 2021, 53, 4865-4907.	1.9	2
29	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
30	An order approach to SPDEs with antimonotone terms. Stochastics and Partial Differential Equations: Analysis and Computations, 2020, 8, 819-832.	0.9	1
31	Existence of solutions for a model of microwave heating. Discrete and Continuous Dynamical Systems, 2015, 36, 3011-3034.	0.9	1