

Bruno Volzone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1450566/publications.pdf>

Version: 2024-02-01

21
papers

352
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-time behavior for the porous medium equation with small initial energy. <i>Advances in Mathematics</i> , 2022, 394, 108029.	1.1	3
2	Symmetrization for fractional nonlinear elliptic problems. <i>Discrete and Continuous Dynamical Systems</i> , 2022, .	0.9	1
3	Anisotropic γ -Laplacian Evolution of Fast Diffusion Type. <i>Advanced Nonlinear Studies</i> , 2021, 21, 523-555.	1.7	16
4	Symmetrization for Fractional Elliptic Problems: A Direct Approach. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 1733-1770.	2.4	4
5	Uniqueness of entire ground states for the fractional plasma problem. <i>Calculus of Variations and Partial Differential Equations</i> , 2020, 59, 1.	1.7	11
6	Long-time asymptotics for a 1D nonlocal porous medium equation with absorption or convection. <i>Communications in Contemporary Mathematics</i> , 2020, 22, 1950015.	1.2	2
7	Nonlinear aggregation-diffusion equations: radial symmetry and long time asymptotics. <i>Inventiones Mathematicae</i> , 2019, 218, 889-977.	2.5	35
8	Ground states in the diffusion-dominated regime. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 127.	1.7	26
9	The fractional nonlocal Ornstein-Uhlenbeck equation, Gaussian symmetrization and regularity. <i>Discrete and Continuous Dynamical Systems</i> , 2018, 38, 3269-3298.	0.9	5
10	Symmetrization for fractional elliptic and parabolic equations and an isoperimetric application. <i>Chinese Annals of Mathematics Series B</i> , 2017, 38, 661-686.	0.4	12
11	Bourgain's Br \tilde{A} zizs's Mironescu formula for magnetic operators. <i>Comptes Rendus Mathematique</i> , 2016, 354, 825-831.	0.3	58
12	Symmetrization for fractional Neumann problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2016, 147, 1-25.	1.1	6
13	Fractional semilinear Neumann problems arising from a fractional Keller's Segel model. <i>Calculus of Variations and Partial Differential Equations</i> , 2015, 54, 1009-1042.	1.7	25
14	Ground States for Diffusion Dominated Free Energies with Logarithmic Interaction. <i>SIAM Journal on Mathematical Analysis</i> , 2015, 47, 1-25.	1.9	37
15	Optimal estimates for fractional fast diffusion equations. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2015, 103, 535-556.	1.6	23
16	Symmetrization for linear and nonlinear fractional parabolic equations of porous medium type. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2014, 101, 553-582.	1.6	30
17	Improved Poincaré inequalities. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 5985-6001.	1.1	11
18	Comparison and regularity results for the fractional Laplacian via symmetrization methods. <i>Journal of Differential Equations</i> , 2012, 253, 2593-2615.	2.2	29

#	ARTICLE	IF	CITATIONS
19	Semilinear elliptic equations with degenerate and singular weights related to Caffarelliâ€Kohnâ€Nirenberg inequalities. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 393, 614-631.	1.0	1
20	On Hardy inequalities with a remainder term. <i>Ricerche Di Matematica</i> , 2010, 59, 265-280.	1.0	14
21	Comparison results for solutions of nonlinear parabolic equations. <i>Complex Variables and Elliptic Equations</i> , 2010, 55, 431-443.	0.8	3