Enrico Valdinoci

List of Publications by Year
in descending order

227 papers	8,984 citations	125106 35 h-index	56606 87 g-index
235 all docs	235 docs citations	235 times ranked	1875 citing authors

#	Article	IF	Citations
1	Linear theory for a mixed operator with Neumann conditions. Asymptotic Analysis, 2022, 128, 571-594.	0.2	14
2	Mixed local and nonlocal elliptic operators: regularity and maximum principles. Communications in Partial Differential Equations, 2022, 47, 585-629.	1.0	52
3	Global Gradient Estimates for a General Type of Nonlinear Parabolic Equations. Journal of Geometric Analysis, 2022, 32, 1.	0.5	3
4	The Bernstein Technique for Integro-Differential Equations. Archive for Rational Mechanics and Analysis, 2022, 243, 1597-1652.	1.1	17
5	Radial symmetry of solutions to anisotropic and weighted diffusion equations with discontinuous nonlinearities. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	0.9	6
6	A Hong-Krahn-Szegö inequality for mixed local and nonlocal operators. Mathematics in Engineering, 2022, 5, 1-25.	0.5	13
7	Non-symmetric stable operators: Regularity theory and integration by parts. Advances in Mathematics, 2022, 401, 108321.	0.5	10
8	The fractional Malmheden theorem. Mathematics in Engineering, 2022, 5, 1-28.	0.5	1
9	Semilinear elliptic equations involving mixed local and nonlocal operators. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 1611-1641.	0.8	47
10	Pointwise gradient bounds for entire solutions of elliptic equations with non-standard growth conditions and general nonlinearities. Journal of Differential Equations, 2021, 270, 435-475.	1.1	3
11	Global gradient estimates for nonlinear parabolic operators. ESAIM - Control, Optimisation and Calculus of Variations, 2021, 27, 21.	0.7	3
12	Heteroclinic connections and Dirichlet problems for a nonlocal functional of oscillation type. Annali Di Matematica Pura Ed Applicata, 2021, 200, 1999-2041.	0.5	0
13	A quantitative rigidity result for a two-dimensional Frenkel–Kontorova model. Physica D: Nonlinear Phenomena, 2021, 419, 132871.	1.3	1
14	A Serrin-type problem with partial knowledge of the domain. Nonlinear Analysis: Theory, Methods & Applications, 2021, 208, 112330.	0.6	6
15	On divergent fractional Laplace equations. Annales De La Faculté Des Sciences De Toulouse, 2021, 30, 255-265.	0.3	1
16	Description of an ecological niche for a mixed local/nonlocal dispersal: An evolution equation and a new Neumann condition arising from the superposition of Brownian and Lévy processes. Physica A: Statistical Mechanics and Its Applications, 2021, 575, 126052.	1.2	29
17	Local density of Caputo-stationary functions of any order. Complex Variables and Elliptic Equations, 2020, 65, 1115-1138.	0.4	6
18	Rigidity Results for Elliptic Boundary Value Problems: Stable Solutions for Quasilinear Equations with Neumann or Robin Boundary Conditions. International Mathematics Research Notices, 2020, 2020, 1366-1384.	0.5	7

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19	One-Dimensional Symmetry for the Solutions of a Three-Dimensional Water Wave Problem. Journal of Geometric Analysis, 2020, 30, 1804-1835.	0.5	2
20	Improvement of Flatness for Nonlocal Phase Transitions. American Journal of Mathematics, 2020, 142, 1083-1160.	0.5	11
21	Singularity Formation in Fractional Burgers' Equations. Journal of Nonlinear Science, 2020, 30, 1285-1305.	1.0	16
22	Decay Estimates in Time for Classical and Anomalous Diffusion. MATRIX Book Series, 2020, , 167-182.	0.2	2
23	Nonlocal Minimal Graphs in the Plane are Generically Sticky. Communications in Mathematical Physics, 2020, 376, 2005-2063.	1.0	10
24	Energy asymptotics of a Dirichlet to Neumann problem related to water waves. Nonlinearity, 2020, 33, 5997-6025.	0.6	1
25	Boundary properties of fractional objects: Flexibility of linear equations and rigidity of minimal graphs. Journal Fur Die Reine Und Angewandte Mathematik, 2020, 2020, 121-164.	0.4	9
26	A free boundary problem driven by the biharmonic operator. Pure and Applied Analysis, 2020, 2, 875-942.	0.4	2
27	A symmetry result for cooperative elliptic systems with singularities. Publicacions Matematiques, 2020, 64, 621-652.	0.2	5
28	Minimisers of a fractional seminorm and nonlocal minimal surfaces. Interfaces and Free Boundaries, 2020, 22, 465-464.	0.2	4
29	On the mean value property of fractional harmonic functions. Nonlinear Analysis: Theory, Methods & Applications, 2020, 201, 112112.	0.6	5
30	Symmetry results for the solutions of a partial differential equation arising in water waves. MATRIX Book Series, 2020, , 229-248.	0.2	1
31	Convex sets evolving by volume-preserving fractional mean curvature flows. Analysis and PDE, 2020, 13, 2149-2171.	0.6	5
32	Rigidity results in diffusion Markov triples. Journal of Functional Analysis, 2019, 276, 785-814.	0.7	1
33	Local Approximation of Arbitrary Functions by Solutions of Nonlocal Equations. Journal of Geometric Analysis, 2019, 29, 1428-1455.	0.5	24
34	On a Minkowski geometric flow in the plane: Evolution of curves with lack of scale invariance. Journal of the London Mathematical Society, 2019, 99, 31-51.	0.5	2
35	Definition of fractional Laplacian for functions with polynomial growth. Revista Matematica Iberoamericana, 2019, 35, 1079-1122.	0.4	15
36	Quantitative flatness results and BV-estimates for stable nonlocal minimal surfaces. Journal of Differential Geometry, 2019, 112, .	0.5	27

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37	Getting Acquainted with the Fractional Laplacian. Springer INdAM Series, 2019, , 1-105.	0.4	42
38	Gradient estimates for a class of anisotropic nonlocal operators. Nonlinear Differential Equations and Applications, 2019, 26, 1.	0.4	1
39	Limit Behaviour of a Singular Perturbation Problem for the Biharmonic Operator. Applied Mathematics and Optimization, 2019, 80, 679-713.	0.8	4
40	Decay estimates for evolutionary equations with fractional time-diffusion. Journal of Evolution Equations, 2019, 19, 435-462.	0.6	29
41	Liouville type results for a nonlocal obstacle problem. Proceedings of the London Mathematical Society, 2019, 119, 291-328.	0.6	10
42	Heteroclinic connections for nonlocal equations. Mathematical Models and Methods in Applied Sciences, 2019, 29, 2585-2636.	1.7	6
43	Overdetermined problems for the fractional Laplacian in exterior and annular sets. Journal D'Analyse Mathematique, 2019, 137, 101-134.	0.4	15
44	Wellposedness of a nonlinear peridynamic model. Nonlinearity, 2019, 32, 1-21.	0.6	22
45	On stationary fractional mean field games. Journal Des Mathematiques Pures Et Appliquees, 2019, 122, 1-22.	0.8	13
46	Fattening and nonfattening phenomena for planar nonlocal curvature flows. Mathematische Annalen, 2019, 375, 687-736.	0.7	10
47	Decay estimates for evolution equations with classical and fractional time-derivatives. Journal of Differential Equations, 2019, 266, 4027-4060.	1.1	23
48	Complete stickiness of nonlocal minimal surfaces for small values of the fractional parameter. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2019, 36, 655-703.	0.7	11
49	Local Density of Solutions to Fractional Equations. , 2019, , .		23
50	A symmetry result for elliptic systems in punctured domains. Communications on Pure and Applied Analysis, 2019, 18, 2819-2833.	0.4	4
51	Minimizers of the <inline-formula><tex-math id="M1">egin{document}$ p $end{document}</tex-math></inline-formula>-oscillation functional. Discrete and Continuous Dynamical Systems, 2019, 39, 6785-6799.	0.5	1
52	On the evolution by fractional mean curvature. Communications in Analysis and Geometry, 2019, 27, 211-249.	0.2	16
53	Flatness results for nonlocal minimal cones and subgraphs. Annali Della Scuola Normale Superiore Di Pisa Classe Di Scienze, 2019, , 1281-1301.	0.1	3
54	A three-dimensional symmetry result for a phase transition equation in the genuinely nonlocal regime. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	0.9	17

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55	A Simple Mathematical Model Inspired by the Purkinje Cells: From Delayed Travelling Waves to Fractional Diffusion. Bulletin of Mathematical Biology, 2018, 80, 1849-1870.	0.9	16
56	Prescribed conditions at infinity for fractional parabolic and elliptic equations with unbounded coefficients. ESAIM - Control, Optimisation and Calculus of Variations, 2018, 24, 105-127.	0.7	2
57	ON STABLE SOLUTIONS OF BOUNDARY REACTION-DIFFUSION EQUATIONS AND APPLICATIONS TO NONLOCAL PROBLEMS WITH NEUMANN DATA. Indiana University Mathematics Journal, 2018, 67, 429-469.	0.4	6
58	Density Estimates for Degenerate Double-Well Potentials. SIAM Journal on Mathematical Analysis, 2018, 50, 6333-6347.	0.9	5
59	Planelike minimizers of nonlocal Ginzburgâ€"Landau energies and fractional perimeters in periodic media. Nonlinearity, 2018, 31, 3013-3056.	0.6	2
60	Optimizing the Fractional Power in a Model with Stochastic PDE Constraints. Advanced Nonlinear Studies, 2018, 18, 649-669.	0.7	6
61	Partial Differential Equations and Geometric Measure Theory. Lecture Notes in Mathematics, 2018, , .	0.1	1
62	Neckpinch singularities in fractional mean curvature flows. Proceedings of the American Mathematical Society, 2018, 146, 2637-2646.	0.4	16
63	Minimizers for nonlocal perimeters of Minkowski type. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	0.9	4
64	THE PHILLIP ISLAND PENGUIN PARADE (AÂMATHEMATICAL TREATMENT). ANZIAM Journal, 2018, 60, 27-54.	0.3	0
65	Classification of stable solutions for boundary value problems with nonlinear boundary conditions on Riemannian manifolds with nonnegative Ricci curvature. Advances in Nonlinear Analysis, 2018, 8, 1035-1042.	1.3	7
66	All Functions Are (Locally) s-Harmonic (up to a Small Error)â€"and Applications. Lecture Notes in Mathematics, 2018, , 197-214.	0.1	4
67	(Non)local and (non)linear free boundary problems. Discrete and Continuous Dynamical Systems - Series S, 2018, 11, 465-476.	0.6	1
68	Classification of irregular free boundary points for non-divergence type equations with discontinuous coefficients. Discrete and Continuous Dynamical Systems, 2018, 38, 6073-6090.	0.5	0
69	A nonlocal concave-convex problem with nonlocal mixed boundary data. Communications on Pure and Applied Analysis, 2018, 17, 1103-1120.	0.4	3
70	Regularity and Bernstein-type results for nonlocal minimal surfaces. Journal Fur Die Reine Und Angewandte Mathematik, 2017, 2017, .	0.4	36
71	Is a nonlocal diffusion strategy convenient for biological populations in competition?. Journal of Mathematical Biology, 2017, 74, 113-147.	0.8	40
72	A one-dimensional symmetry result for a class of nonlocal semilinear equations in the plane. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2017, 34, 469-482.	0.7	13

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73	Boundary behavior of nonlocal minimal surfaces. Journal of Functional Analysis, 2017, 272, 1791-1851.	0.7	32
74	Regularity and rigidity theorems for a class of anisotropic nonlocal operators. Manuscripta Mathematica, 2017, 153, 53-70.	0.3	15
75	Rigidity of critical points for a nonlocal Ohta–Kawasaki energy. Nonlinearity, 2017, 30, 1523-1535.	0.6	2
76	New Trends in Free Boundary Problems. Advanced Nonlinear Studies, 2017, 17, 319-332.	0.7	4
77	A rigidity result for non-local semilinear equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2017, 147, 1009-1018.	0.8	3
78	Asymptotic Expansions of the Contact Angle in Nonlocal Capillarity Problems. Journal of Nonlinear Science, 2017, 27, 1531-1550.	1.0	4
79	Planelike Interfaces in Long-Range Ising Models and Connections with Nonlocal Minimal Surfaces. Journal of Statistical Physics, 2017, 167, 1401-1451.	0.5	8
80	Fractional Elliptic Problems with Critical Growth in the Whole of $\mathbb{R}^n$. , 2017, , .		59
81	A New Type of Identification Problems: Optimizing the Fractional Order in a Nonlocal Evolution Equation. SIAM Journal on Control and Optimization, 2017, 55, 70-93.	1.1	37
82	Long-time behavior for crystal dislocation dynamics. Mathematical Models and Methods in Applied Sciences, 2017, 27, 2185-2228.	1.7	13
83	Capillarity problems with nonlocal surface tension energies. Communications in Partial Differential Equations, 2017, 42, 1403-1446.	1.0	8
84	A nonlinear free boundary problem with a self-driven Bernoulli condition. Journal of Functional Analysis, 2017, 273, 3549-3615.	0.7	3
85	Pohozaev identities for anisotropic integrodifferential operators. Communications in Partial Differential Equations, 2017, 42, 1290-1321.	1.0	13
86	A class of unstable free boundary problems. Analysis and PDE, 2017, 10, 1317-1359.	0.6	3
87	On fractional elliptic equations in Lipschitz sets and epigraphs: regularity, monotonicity and rigidity results. Mathematische Annalen, 2017, 369, 1283-1326.	0.7	47
88	Continuity and density results for a one-phase nonlocal free boundary problem. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2017, 34, 1387-1428.	0.7	6
89	Nonlocal phase transitions in homogeneous and periodic media. Journal of Fixed Point Theory and Applications, 2017, 19, 387-405.	0.6	8
90	Bifurcation results for a fractional elliptic equation with critical exponent in $$\mathbb {R}^n$$ R n. Manuscripta Mathematica, 2017, 153, 183-230.	0.3	37

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91	Chaotic Orbits for Systems of Nonlocal Equations. Communications in Mathematical Physics, 2017, 349, 583-626.	1.0	12
92	The Effect on Fisher-KPP Propagation in a Cylinder with Fast Diffusion on the Boundary. SIAM Journal on Mathematical Analysis, 2017, 49, 4595-4624.	0.9	10
93	Nonlocal Minimal Surfaces: Interior Regularity, Quantitative Estimates and Boundary Stickiness. , 2017, , 165-209.		9
94	All functions are locally s-harmonic up to a small error. Journal of the European Mathematical Society, 2017, 19, 957-966.	0.7	50
95	Nonlocal problems with Neumann boundary conditions. Revista Matematica Iberoamericana, 2017, 33, 377-416.	0.4	138
96	The problem studied in this monograph. , 2017, , 15-27.		9
97	A logistic equation with nonlocal interactions. Kinetic and Related Models, 2017, 10, 141-170.	0.5	25
98	Regularity and positivity of the solution. , 2017, , 67-73.		0
99	Existence of a second solution and proof of Theorem 2.2.4. , 2017, , 75-148.		0
100	Extension Problems. Lecture Notes of the Unione Matematica Italiana, 2016, , 39-65.	0.4	0
101	Nonlocal Phase Transitions. Lecture Notes of the Unione Matematica Italiana, 2016, , 67-95.	0.4	0
102	Nonlocal Minimal Surfaces. Lecture Notes of the Unione Matematica Italiana, 2016, , 97-126.	0.4	1
103	A Probabilistic Motivation. Lecture Notes of the Unione Matematica Italiana, 2016, , 1-5.	0.4	3
104	Nonlocal Diffusion and Applications. Lecture Notes of the Unione Matematica Italiana, 2016, , .	0.4	270
105	An Introduction to the Fractional Laplacian. Lecture Notes of the Unione Matematica Italiana, 2016, , 7-37.	0.4	0
106	A Nonlocal Nonlinear Stationary Schrödinger Type Equation. Lecture Notes of the Unione Matematica Italiana, 2016, , 127-138.	0.4	0
107	Graph properties for nonlocal minimal surfaces. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	0.9	19
108	Relaxation times for atom dislocations in crystals. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	0.9	16

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109	Nonlocal Delaunay surfaces. Nonlinear Analysis: Theory, Methods & Applications, 2016, 137, 357-380.	0.6	23
110	1D symmetry for semilinear PDEs from the limit interface of the solution. Communications in Partial Differential Equations, 2016, 41, 665-682.	1.0	9
111	Monotonicity formulae and classification results for singular, degenerate, anisotropic PDEs. Advances in Mathematics, 2016, 293, 343-381.	0.5	21
112	The Dirichlet problem for nonlocal operators with singular kernels: Convex and nonconvex domains. Advances in Mathematics, 2016, 288, 732-790.	0.5	20
113	The Brezis-Nirenberg result for the fractional Laplacian. Transactions of the American Mathematical Society, 2015, 367, 67-102.	0.5	362
114	Concentration phenomena for the nonlocal Schrödinger equation with Dirichlet datum. Analysis and PDE, 2015, 8, 1165-1235.	0.6	91
115	A density property for fractional weighted Sobolev spaces. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2015, 26, 397-422.	0.3	22
116	Gevrey regularity for integro-differential operators. Journal of Mathematical Analysis and Applications, 2015, 428, 1225-1238.	0.5	8
117	Contemporary PDEs between theory and applications. Discrete and Continuous Dynamical Systems, 2015, 35, .	0.5	0
118	Fractional Laplacian equations with critical Sobolev exponent. Revista Matematica Complutense, 2015, 28, 655-676.	0.7	51
119	Preface: Special issue on rate-independent evolutions and hysteresis modelling. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, i-i.	0.6	0
120	Density properties for fractional Sobolev spaces. Annales Academiae Scientiarum Fennicae Mathematica, 2015, 40, 235-253.	0.7	111
121	A Nonlocal Free Boundary Problem. SIAM Journal on Mathematical Analysis, 2015, 47, 4559-4605.	0.9	12
122	Dislocation Dynamics in Crystals: A Macroscopic Theory in a Fractional Laplace Setting. Communications in Mathematical Physics, 2015, 333, 1061-1105.	1.0	54
123	Crystal Dislocations with Different Orientations and Collisions. Archive for Rational Mechanics and Analysis, 2015, 217, 231-261.	1.1	18
124	Nonlocal quantitative isoperimetric inequalities. Calculus of Variations and Partial Differential Equations, 2015, 54, 2421-2464.	0.9	25
125	Ground states and concentration phenomena for the fractional Schrödinger equation. Nonlinearity, 2015, 28, 1937-1961.	0.6	90
126	Asymptotically linear problems driven by fractional Laplacian operators. Mathematical Methods in the Applied Sciences, 2015, 38, 3551-3563.	1.2	13

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127	Homogenization and Orowanâ€™s law for anisotropic fractional operators of any order. Nonlinear Analysis: Theory, Methods & Applications, 2015, 119, 3-36.	0.6	8
128	On a fractional harmonic replacement. Discrete and Continuous Dynamical Systems, 2015, 35, 3377-3392.	0.5	5
129	Uniqueness in weighted Lebesgue spaces for a class of fractional parabolic and elliptic equations. Journal of Differential Equations, 2015, 258, 555-587.	1.1	8
130	Minimization of a fractional perimeter-Dirichlet integral functional. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2015, 32, 901-924.	0.7	13
131	On the spectrum of two different fractional operators. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2014, 144, 831-855.	0.8	203
132	A Notion of Nonlocal Curvature. Numerical Functional Analysis and Optimization, 2014, 35, 793-815.	0.6	49
133	Strongly Nonlocal Dislocation Dynamics in Crystals. Communications in Partial Differential Equations, 2014, 39, 2351-2387.	1.0	37
134	Gradient bounds for anisotropic partial differential equations. Calculus of Variations and Partial Differential Equations, 2014, 49, 923-936.	0.9	17
135	Uniqueness and Nondegeneracy of Positive Solutions of $$\{(-Delta)^s u + u = u^p , \{m in\} , mathbb\{R\}^N\}$$ (- Î") s u + u = u p in R N when s is Close to 1. Communications in Mathematical Physics, 2014, 329, 383-404.	1.0	44
136	Gradient Bounds and Rigidity Results for Singular, Degenerate, Anisotropic Partial Differential Equations. Communications in Mathematical Physics, 2014, 331, 189-214.	1.0	34
137	A Widderâ€™s Type Theorem for the Heat Equation with Nonlocal Diffusion. Archive for Rational Mechanics and Analysis, 2014, 213, 629-650.	1.1	51
138	Density estimates for a variational model driven by the Gagliardo norm. Journal Des Mathematiques Pures Et Appliquees, 2014, 101, 1-26.	0.8	49
139	A critical Kirchhoff type problem involving a nonlocal operator. Nonlinear Analysis: Theory, Methods & Applications, 2014, 94, 156-170.	0.6	313
140	Bootstrap regularity for integro-differential operators and its application to nonlocal minimal surfaces. Annali Della Scuola Normale Superiore Di Pisa Classe Di Scienze, 2014, , 609-639.	0.1	25
141	A symmetry result for the Ornstein-Uhlenbeck operator. Discrete and Continuous Dynamical Systems, 2014, 34, 2451-2467.	0.5	9
142	Correction of a technical point and some remarks about the paper appeared in Arch. Ration. Mech. Anal. 195(2010), no. 3, 1025â€"1058. Archive for Rational Mechanics and Analysis, 2013, 207, 347-351.	1.1	1
143	Local and global minimizers for a variational energy involving a fractional norm. Annali Di Matematica Pura Ed Applicata, 2013, 192, 673-718.	0.5	102
144	Regularity of nonlocal minimal cones in dimension 2. Calculus of Variations and Partial Differential Equations, 2013, 48, 33-39.	0.9	60

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145	Stable Solutions of Elliptic Equations on Riemannian Manifolds. Journal of Geometric Analysis, 2013, 23, 1158-1172.	0.5	34
146	A Fractional Framework for Perimeters and Phase Transitions. Milan Journal of Mathematics, 2013, 81, 1-23.	0.7	31
147	Regularity properties of nonlocal minimal surfaces via limiting arguments. Advances in Mathematics, 2013, 248, 843-871.	0.5	65
148	Splitting Theorems, Symmetry Results and Overdetermined Problems for Riemannian Manifolds. Communications in Partial Differential Equations, 2013, 38, 1818-1862.	1.0	36
149	Some monotonicity results for minimizers in the calculus of variations. Journal of Functional Analysis, 2013, 264, 2469-2496.	0.7	22
150	On partially and globally overdetermined problems of elliptic type. American Journal of Mathematics, 2013, 135, 1699-1726.	0.5	23
151	Pointwise estimates and rigidity results for entire solutions of nonlinear elliptic pde's. ESAIM - Control, Optimisation and Calculus of Variations, 2013, 19, 616-627.	0.7	4
152	A Priori Bounds for Solutions of a Nonlocal Evolution PDE. Springer INdAM Series, 2013, , 141-163.	0.4	6
153	A Brezis-Nirenberg result for non-local critical equations in low dimension. Communications on Pure and Applied Analysis, 2013, 12, 2445-2464.	0.4	150
154	Lewy–Stampacchia type estimates for variational inequalities driven by (non)local operators. Revista Matematica Iberoamericana, 2013, 29, 1091-1126.	0.4	143
155	A Resonance Problem for Non-Local Elliptic Operators. Zeitschrift Fur Analysis Und Ihre Anwendung, 2013, 32, 411-431.	0.8	30
156	Variational methods for non-local operators of elliptic type. Discrete and Continuous Dynamical Systems, 2013, 33, 2105-2137.	0.5	445
157	Asymptotics of the s-perimeter as $s \searrow 0$. Discrete and Continuous Dynamical Systems, 2013, 33, 2777-2790.	0.5	40
158	Partially and globally overdetermined problems of elliptic type. Advances in Nonlinear Analysis, 2012, 1, .	1.3	1
159	A geometric inequality for stable solutions of semilinear elliptic problems in the Engel group. Annales Academiae Scientiarum Fennicae Mathematica, 2012, 37, 357-373.	0.7	7
160	Some results on minimizers and stable solutions of a variational problem. Ergodic Theory and Dynamical Systems, 2012, 32, 1302-1312.	0.4	6
161	$Gamma$-convergence for nonlocal phase transitions. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2012, 29, 479-500.	0.7	89
162	A pointwise gradient estimate for solutions of singular and degenerate pde's in possibly unbounded domains with nonnegative mean curvature. Communications on Pure and Applied Analysis, 2012, 11, 1983-2003.	0.4	6

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163	Hitchhikerʼs guide to the fractional Sobolev spaces. Bulletin Des Sciences Mathematiques, 2012, 136, 521-573.	0.5	2,551
164	Stable solutions of elliptic equations on Riemannian manifolds with Euclidean coverings. Proceedings of the American Mathematical Society, 2012, 140, 927-930.	0.4	13
165	A weighted gradient theory of phase transitions with a possibly singular and degenerate spatial inhomogeneity. Journal of Differential Equations, 2012, 252, 3381-3402.	1.1	0
166	Mountain Pass solutions for non-local elliptic operators. Journal of Mathematical Analysis and Applications, 2012, 389, 887-898.	0.5	483
167	Density estimates for phase transitions with a trace. Interfaces and Free Boundaries, 2012, 14, 153-165.	0.2	4
168	Density Estimates for a Nonlocal Variational Model via the Sobolev Inequality. SIAM Journal on Mathematical Analysis, 2011, 43, 2675-2687.	0.9	27
169	Rigidity results for elliptic PDEs with uniform limits: an abstract framework with applications. Indiana University Mathematics Journal, 2011, 60, 121-142.	0.4	22
170	Duality Theory, Representation Formulas and Uniqueness Results for Viscosity Solutions of Hamilton–Jacobi Equations. Springer Proceedings in Mathematics, 2011, , 361-386.	0.5	3
171	Bump solutions for the mesoscopic Allen–Cahn equation in periodic media. Calculus of Variations and Partial Differential Equations, 2011, 40, 37-49.	0.9	8
172	Uniform estimates and limiting arguments for nonlocal minimal surfaces. Calculus of Variations and Partial Differential Equations, 2011, 41, 203-240.	0.9	112
173	Density estimates for a fluid jet model in the Heisenberg group. Journal of Mathematical Analysis and Applications, 2011, 382, 448-468.	0.5	4
174	Lp-bounds for quasi-geostrophic equations via functional analysis. Journal of Mathematical Physics, 2011, 52, 083101.	0.5	1
175	1D symmetry for solutions of semilinear and quasilinear elliptic equations. Transactions of the American Mathematical Society, 2011, 363, 579-579.	0.5	31
176	On the Allen-Cahn equation in the Grushin plane: A monotone entire solution that is not one-dimensional. Discrete and Continuous Dynamical Systems, 2011, 29, 823-838.	0.5	1
177	A pointwise gradient bound for elliptic equations on compact manifolds with nonnegative Ricci curvature. Discrete and Continuous Dynamical Systems, 2011, 30, 1139-1144.	0.5	10
178	Closed curves of prescribed curvature and a pinning effect. Networks and Heterogeneous Media, 2011, 6, 77-88.	0.5	6
179	Curve shortening flow in heterogeneous media. Interfaces and Free Boundaries, 2011, 13, 485-505.	0.2	9
180	Flattening Results for Elliptic PDEs in Unbounded Domains with Applications to Overdetermined Problems. Archive for Rational Mechanics and Analysis, 2010, 195, 1025-1058.	1.1	77

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181	On a Poincaré type formula for solutions of singular and degenerate elliptic equations. Manuscripta Mathematica, 2010, 132, 335-342.	0.3	15
182	Ground States and Critical Points for Aubry–Mather Theory in Statistical Mechanics. Journal of Nonlinear Science, 2010, 20, 153-218.	1.0	20
183	A symmetry result for a general class of divergence form PDEs in fibered media. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 695-703.	0.6	11
184	Semilinear PDEs in the Heisenberg group: The role of the right invariant vector fields. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 987-997.	0.6	7
185	A pointwise gradient estimate in possibly unbounded domains with nonnegative mean curvature. Advances in Mathematics, 2010, 225, 2808-2827.	0.5	21
186	Overdetermined problems in unbounded domains with Lipschitz singularities. Revista Matematica Iberoamericana, 2010, 26, 965-974.	0.4	16
187	Some elliptic PDEs on Riemannian manifolds with boundary. Pacific Journal of Mathematics, 2010, 248, 475-492.	0.2	6
188	A comparison principle for a Sobolev gradient semi-flow. Communications on Pure and Applied Analysis, 2010, 10, 69-91.	0.4	1
189	Some weighted Poincare inequalities. Indiana University Mathematics Journal, 2009, 58, 1619-1638.	0.4	11
190	Fibered nonlinearities for p(x)-Laplace equations. Advances in Calculus of Variations, 2009, 2, .	0.7	7
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