Maria Del Mar Gonzalez Nogueras

List of Publications by Year
in descending order

39 papers	833 citations	623734 14 h-index	501196 28 g-index
39 all docs	39 docs citations	39 times ranked	312 citing authors

#	Article	IF	Citations
1	Fractional Laplacian in conformal geometry. Advances in Mathematics, 2011, 226, 1410-1432.	1.1	242
2	Fractional conformal Laplacians and fractional Yamabe problems. Analysis and PDE, 2013, 6, 1535-1576.	1.4	76
3	Singular Solutions of Fractional Order Conformal Laplacians. Journal of Geometric Analysis, 2012, 22, 845-863.	1.0	67
4	Classical Solutions for a Nonlinear Fokker-Planck Equation Arising in Computational Neuroscience. Communications in Partial Differential Equations, 2013, 38, 385-409.	2.2	39
5	An extension problem for the CR fractional Laplacian. Advances in Mathematics, 2015, 270, 97-137.	1.1	39
6	Slow motion of particle systems as a limit of a reaction-diffusion equation with half-Laplacian in dimension one. Discrete and Continuous Dynamical Systems, 2012, 32, 1255-1286.	0.9	39
7	Gamma convergence of an energy functional related to the fractional Laplacian. Calculus of Variations and Partial Differential Equations, 2009, 36, 173-210.	1.7	35
8	Delaunay-type singular solutions for the fractional Yamabe problem. Mathematische Annalen, 2017, 369, 597-626.	1.4	33
9	Some constructions for the fractional Laplacian on noncompact manifolds. Revista Matematica Iberoamericana, 2015, 31, 681-712.	0.9	25
10	On higher-dimensional singularities for the fractional Yamabe problem: A nonlocal Mazzeoâ€“Pacard program. Duke Mathematical Journal, 2019, 168, .	1.5	21
11	Singular sets of a class of locally conformally flat manifolds. Duke Mathematical Journal, 2005, 129, 551.	1.5	20
12	Global Existence and Uniqueness of Solutions to a Model of Price Formation. SIAM Journal on Mathematical Analysis, 2009, 41, 2107-2135.	1.9	18
13	Further Results on the Fractional Yamabe Problem: The Umbilic Case. Journal of Geometric Analysis, 2018, 28, 22-60.	1.0	17
14	Removability of singularities for a class of fully non-linear elliptic equations. Calculus of Variations and Partial Differential Equations, 2006, 27, 439-466.	1.7	16
15	Isolated singularities for a semilinear equation for the fractional Laplacian arising in conformal geometry. Revista Matematica Iberoamericana, 2018, 34, 1645-1678.	0.9	14
16	Existence of positive weak solutions for fractional Laneâ€“Emden equations with prescribed singular sets. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	12
17	A gluing approach for the fractional Yamabe problem with isolated singularities. Journal Fur Die Reine Und Angewandte Mathematik, 2020, 2020, 25-78.	0.9	12
18	Asymptotics for a Symmetric Equation in Price Formation. Applied Mathematics and Optimization, 2009, 59, 233-246.	1.6	11

#	Article	IF	Citations
19	Uniqueness of entire ground states for the fractional plasma problem. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	11
20	Classification of singularities for a subcritical fully nonlinear problem. Pacific Journal of Mathematics, 2006, 226, 83-102.	0.5	10
21	Asymptotics for a free boundary model in price formation. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3269-3294.	1.1	9
22	Existence and Uniqueness to a Fully Nonlinear Version of the Loewnerâ€“Nirenberg Problem. Communications in Mathematics and Statistics, 2018, 6, 269-288.	1.5	9
23	Asymptotic behavior of Palaisâ€“Smale sequences associated with fractional Yamabe-type equations. Pacific Journal of Mathematics, 2015, 278, 369-405.	0.5	8
24	Bound state solutions for the supercritical fractional SchrÃ¶dinger equation. Nonlinear Analysis: Theory, Methods & Applications, 2020, 193, 111448.	1.1	7
25	Admissible surfaces in progressive addition lenses. Optics Letters, 2020, 45, 5656.	3.3	7
26	A Perturbation Argument for a Mongeâ€“AmpÃ¨re Type Equation Arising in Optimal Transportation. Archive for Rational Mechanics and Analysis, 2014, 212, 359-414.	2.4	6
27	Fractional powers of the wave operator via Dirichlet-to-Neumann maps in anti-de Sitter spaces. Journal of Functional Analysis, 2017, 273, 2144-2166.	1.4	6
28	Recent Progress on the Fractional Laplacian in Conformal Geometry. , 2017, , 236-273.		5
29	Layer solutions for the fractional Laplacian on hyperbolic space: existence, uniqueness and qualitative properties. Annali Di Matematica Pura Ed Applicata, 2014, 193, 1823-1850.	1.0	4
30	Some Non-standard Sobolev Spaces, Interpolation and Its Application to PDE. Acta Applicandae Mathematicae, 2012, 121, 57-67.	1.0	3
31	Instability and Bifurcation in a Trend Depending Price Formation Model. Acta Applicandae Mathematicae, 2016, 144, 121-136.	1.0	3
32	A nonlocal diffusion problem on manifolds. Communications in Partial Differential Equations, 2018, 43, 652-676.	2.2	3
33	Symmetry and symmetry breaking for the fractional Caffarelli-Kohn-Nirenberg inequality. Journal of Functional Analysis, 2022, 282, 109438.	1.4	2
34	$$Gamma $$ Î“ -Convergence of variational functionals with boundary terms in Stein manifolds. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	1
35	Fractional Laplacians and extension problems: The higher rank case. Transactions of the American Mathematical Society, 2018, 370, 8171-8213.	0.9	1
36	Concentration phenomena for the fractional Qâ€curvature equation in dimension 3 and fractional Poisson formulas. Journal of the London Mathematical Society, 2021, 104, 423-451.	1.0	1

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37	Renormalized weighted volume and conformal fractional Laplacians. Pacific Journal of Mathematics, 2012, 257, 379-394.	0.5	1
38	Boundary Connected Sum of Escobar Manifolds. Journal of Geometric Analysis, 2020, 30, 4092-4109.	1.0	0
39	Optimal configuration and symmetry breaking phenomena in the composite membrane problem with fractional Laplacian. Journal of Differential Equations, 2021, 274, 1165-1208.	2.2	0