Pierpaolo Esposito

List of Publications by Year
in descending order

37 papers	946 citations	535685 17 h-index	511568 30 g-index
38 all docs	38 docs citations	38 times ranked	255 citing authors

#	Article	IF	Citations
1	Sign-changing solutions for critical equations with Hardy potential. Analysis and PDE, 2021, 14, 533-566.	0.6	6
2	Isolated singularities for the n-Liouville equation. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	0.9	2
3	On the mean field equation with variable intensities on pierced domains. Nonlinear Analysis: Theory, Methods & Applications, 2020, 190, 111597.	0.6	5
4	A classification result for the quasi-linear Liouville equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2018, 35, 781-801.	0.7	8
5	Nontopological Condensates for the Selfâ€Dual Chernâ€Simonsâ€Higgs Model. Communications on Pure and Applied Mathematics, 2015, 68, 1191-1283.	1.2	12
6	On a quasilinear mean field equation with an exponential nonlinearity. Journal Des Mathematiques Pures Et Appliquees, 2015, 104, 354-382.	0.8	3
7	Blowing-up solutions for the Yamabe equation. Portugaliae Mathematica, 2014, 71, 249-276.	0.4	10
8	The effect of linear perturbations on the Yamabe problem. Mathematische Annalen, 2014, 358, 511-560.	0.7	43
9	Singular mean field equations on compact Riemann surfaces. Nonlinear Analysis: Theory, Methods & Applications, 2014, 111, 33-65.	0.6	11
10	Some remarks concerning symmetry-breaking for the Ginzburgâ€"Landau equation. Journal of Functional Analysis, 2013, 265, 2189-2203.	0.7	1
11	Blow-up Solutions for Linear Perturbations of the Yamabe Equation. , 2013, , 29-47.		1
12	Nondegeneracy of entire solutions of a singular Liouvillle equation. Proceedings of the American Mathematical Society, 2012, 140, 581-588.	0.4	32
13	Symmetries and blow-up phenomena for a Dirichlet problem with a large parameter. Communications on Pure and Applied Analysis, 2012, 11, 1935-1957.	0.4	0
14	Spectral theory for linearized -Laplace equations. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3606-3613.	0.6	10
15	Pointwise Blow-Up Phenomena for a Dirichlet Problem. Communications in Partial Differential Equations, 2011, 36, 1654-1682.	1.0	5
16	The Critical Dimension for a Fourth Order Elliptic Problem with Singular Nonlinearity. Archive for Rational Mechanics and Analysis, 2010, 198, 763-787.	1.1	34
17	Two-dimensional Euler flows with concentrated vorticities. Transactions of the American Mathematical Society, 2010, 362, 6381-6381.	0.5	27
18	Regularity of extremal solutions in fourth order nonlinear eigenvalue problems on general domains. Discrete and Continuous Dynamical Systems, 2010, 28, 1033-1050.	0.5	30

#	Article	IF	Citations
19	Degenerate elliptic equations with singular nonlinearities. Calculus of Variations and Partial Differential Equations, 2009, 34, 279-306.	0.9	21
20	Non-simple blow-up solutions for the Neumann two-dimensional sinh-Gordon equation. Calculus of Variations and Partial Differential Equations, 2009, 34, 341-375.	0.9	25
21	Low dimensional instability for semilinear and quasilinear problems in $\mathbb{R}^N$. Communications on Pure and Applied Analysis, 2009, 8, 1779-1793.	0.4	18
22	Linear instability of entire solutions for a class of non-autonomous elliptic equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2008, 138, 1005-1018.	0.8	8
23	COMPACTNESS OF A NONLINEAR EIGENVALUE PROBLEM WITH A SINGULAR NONLINEARITY. Communications in Contemporary Mathematics, 2008, 10, 17-45.	0.6	25
24	p-MEMS Equation on a Ball. Methods and Applications of Analysis, 2008, 15, 277-284.	0.1	7
25	Uniqueness of Solutions for an Elliptic Equation Modeling MEMS. Methods and Applications of Analysis, 2008, 15, 341-354.	0.1	29
26	On the existence and profile of nodal solutions for a two-dimensional elliptic problem with large exponent in nonlinearity. Proceedings of the London Mathematical Society, 2007, 94, 497-519.	0.6	24
27	Compactness along the branch of semistable and unstable solutions for an elliptic problem with a singular nonlinearity. Communications on Pure and Applied Mathematics, 2007, 60, 1731-1768.	1.2	82
28	Interior estimates for some semilinear elliptic problem with critical nonlinearity. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2007, 24, 629-644.	0.7	7
29	Asymptotic behavior of radial solutions for a semilinear elliptic problem on an annulus through Morse index. Journal of Differential Equations, 2007, 239, 1-15.	1.1	11
30	Concentrating solutions for a planar elliptic problem involving nonlinearities with large exponent. Journal of Differential Equations, 2006, 227, 29-68.	1.1	61
31	Concentrating solutions for the Hénon equation in $\mathbb{R}^2$. Journal D'Analyse Mathematique, 2006, 100, 249-280.	0.4	45
32	On the existence of blowing-up solutions for a mean field equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2005, 22, 227-257.	0.7	150
33	Blowup Solutions for a Liouville Equation with Singular Data. SIAM Journal on Mathematical Analysis, 2005, 36, 1310-1345.	0.9	39
34	BLOW UP SOLUTIONS FOR A LIOUVILLE EQUATION WITH SINGULAR DATA. , 2005, , .		5
35	On some conjectures proposed by Haïm Brezis. Nonlinear Analysis: Theory, Methods & Applications, 2004, 56, 751-759.	0.6	5
36	A prescribed scalar curvature-type equation: almost critical manifolds and multiple solutions. Journal of Functional Analysis, 2003, 205, 306-356.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Mountain pass critical points for Paneitz-Branson operators. Calculus of Variations and Partial Differential Equations, 2002, 15, 493-517.	0.9	42