Angela Pistoia

List of Publications by Year
in descending order

65 papers	**1,199** citations	394421 **19** h-index	395702 **33** g-index
66 all docs	**66** docs citations	**66** times ranked	**188** citing authors

#	Article	IF	Citations
1	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.	1.4	150
2	Existence of multipeak solutions for a semilinear Neumann problem via nonsmooth critical point theory. Calculus of Variations and Partial Differential Equations, 2000, 11, 143-175.	1.7	75
3	Large energy entire solutions for the Yamabe equation. Journal of Differential Equations, 2011, 251, 2568-2597.	2.2	70
4	Concentrating solutions for a planar elliptic problem involving nonlinearities with large exponent. Journal of Differential Equations, 2006, 227, 29-68.	2.2	61
5	Multispike solutions for a nonlinear elliptic problem involving critical Sobolev exponent. Indiana University Mathematics Journal, 2002, 51, 0-0.	0.9	57
6	Tower of bubbles for almost critical problems in general domains. Journal Des Mathematiques Pures Et Appliquees, 2010, 93, 1-40.	1.6	46
7	Concentrating solutions for the HÃ©non equation in â‚‚. Journal D'Analyse Mathematique, 2006, 100, 249-280.	0.8	45
8	The effect of linear perturbations on the Yamabe problem. Mathematische Annalen, 2014, 358, 511-560.	1.4	43
9	Super-critical boundary bubbling in a semilinear Neumann problem. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2005, 22, 45-82.	1.4	42
10	On the Existence and the Profile of Nodal solutions of Elliptic Equations Involving Critical Growth. Calculus of Variations and Partial Differential Equations, 2006, 26, 265-282.	1.7	42
11	Blow-up solutions for asymptotically critical elliptic equations on Riemannian manifolds. Indiana University Mathematics Journal, 2009, 58, 1719-1746.	0.9	40
12	The role of the scalar curvature in a nonlinear elliptic problem on Riemannian manifolds. Calculus of Variations and Partial Differential Equations, 2009, 34, 233-265.	1.7	39
13	N-Vortex Equilibria for Ideal Fluids in Bounded Planar Domains and New Nodal Solutions of the sinh-Poisson and the Lane-Emden-Fowler Equations. Communications in Mathematical Physics, 2010, 297, 653-686.	2.2	35
14	Sign Changing Tower of Bubbles for an Elliptic Problem at the Critical Exponent in Pierced Non-Symmetric Domains. Communications in Partial Differential Equations, 2010, 35, 1419-1457.	2.2	34
15	Multiple Blow-Up Phenomena for the Sinh-Poisson Equation. Archive for Rational Mechanics and Analysis, 2013, 209, 287-320.	2.4	26
16	Existence and phase separation of entire solutions to a pure critical competitive elliptic system. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	23
17	Large mass boundary condensation patterns in the stationary Kellerâ€"Segel system. Journal of Differential Equations, 2016, 261, 3414-3462.	2.2	21
18	On the effect of the domain geometry on the existence of sign changing solutions to elliptic problems with critical and supercritical growth. Nonlinearity, 2004, 17, 851-866.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Spiked solutions for Schrödinger systems with Sobolev critical exponent: the cases of competitive and weakly cooperative interactions. Journal of Fixed Point Theory and Applications, 2017, 19, 407-446.	1.1	20
20	Concentrating solutions for a Liouville type equation with variable intensities in 2D-turbulence. Nonlinearity, 2016, 29, 271-297.	1.4	19
21	Nonexistence and multiplicity of solutions to elliptic problems with supercritical exponents. Calculus of Variations and Partial Differential Equations, 2013, 48, 611-623.	1.7	18
22	On Coron's problem for weakly coupled elliptic systems. Proceedings of the London Mathematical Society, 2018, 116, 33-67.	1.3	18
23	Multipeak solutions to the Bahri–Coron problem in domains with a shrinking hole. Journal of Functional Analysis, 2009, 256, 275-306.	1.4	17
24	Non Degeneracy of Critical Points of the Robin Function with Respect to Deformations of the Domain. Potential Analysis, 2014, 40, 103-116.	0.9	16
25	Towering Phenomena for the Yamabe Equation on Symmetric Manifolds. Potential Analysis, 2017, 47, 53-102.	0.9	16
26	Steady states with unbounded mass of the Keller–Segel system. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2015, 145, 203-222.	1.2	14
27	Linear Perturbation of the Yamabe Problem on Manifolds with Boundary. Journal of Geometric Analysis, 2018, 28, 1315-1340.	1.0	11
28	A fountain of positive bubbles on a Coron's problem for a competitive weakly coupled gradient system. Journal Des Mathematiques Pures Et Appliquees, 2020, 135, 159-198.	1.6	11
29	Blowing-up solutions for the Yamabe equation. Portugaliae Mathematica, 2014, 71, 249-276.	0.4	10
30	Sign-changing tower of bubbles for a sinh-Poisson equation with asymmetric exponents. Discrete and Continuous Dynamical Systems, 2017, 37, 5651-5692.	0.9	10
31	On Yamabe-type problems on Riemannian manifolds with boundary. Pacific Journal of Mathematics, 2016, 284, 79-102.	0.5	9
32	Blow-up phenomena for linearly perturbed Yamabe problem on manifolds with umbilic boundary. Journal of Differential Equations, 2019, 267, 587-618.	2.2	9
33	Fully nontrivial solutions to elliptic systems with mixed couplings. Nonlinear Analysis: Theory, Methods & Applications, 2022, 216, 112694.	1.1	9
34	Bubbling solutions for supercritical problems on manifolds. Journal Des Mathematiques Pures Et Appliquees, 2015, 103, 1410-1440.	1.6	8
35	A solution to a slightly subcritical elliptic problem with non-power nonlinearity. Journal of Differential Equations, 2021, 275, 418-446.	2.2	8
36	The fractional Brezis-Nirenberg problems on lower dimensions. Journal of Differential Equations, 2021, 286, 284-331.	2.2	7

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37	Large conformal metrics with prescribed Gaussian and geodesic curvatures. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	7
38	Sign-changing solutions for critical equations with Hardy potential. Analysis and PDE, 2021, 14, 533-566.	1.4	6
39	Generic Properties of Singularly Perturbed Nonlinear Elliptic Problems on Riemannian Manifold. Advanced Nonlinear Studies, 2009, 9, 803-813.	1.7	5
40	Blow-up solutions for Paneitzâ€"Branson type equations with critical growth. Asymptotic Analysis, 2011, 73, 225-248.	0.5	5
41	On the Stability for Paneitz-Type Equations. International Mathematics Research Notices, 2013, 2013, 3133-3158.	1.0	5
42	On the supercritical mean field equation on pierced domains. Proceedings of the American Mathematical Society, 2015, 143, 3969-3984.	0.8	5
43	Infinitely many non-radial solutions to a critical equation on annulus. Journal of Differential Equations, 2018, 265, 4076-4100.	2.2	5
44	On the mean field equation with variable intensities on pierced domains. Nonlinear Analysis: Theory, Methods & Applications, 2020, 190, 111597.	1.1	5
45	Solutions to a cubic SchrÃ¶dinger system with mixed attractive and repulsive forces in a critical regime. Mathematics in Engineering, 2022, 4, 1-21.	0.9	5
46	Boundary concentration phenomena for the higher-dimensional Kellerâ€"Segel system. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	4
47	Non-uniqueness of blowing-up solutions to the Gelfand problem. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	4
48	Clustering Phenomena for Linear Perturbation of the Yamabe Equation. , 2019, , 311-331.		4
49	Nondegeneracy of the bubble for the critical p-Laplace equation. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 151-168.	1.2	4
50	Supercritical problems in domains with thin toroidal holes. Discrete and Continuous Dynamical Systems, 2014, 34, 4671-4688.	0.9	4
51	Blow-up solutions concentrated along minimal submanifolds for some supercritical elliptic problems on Riemannian manifolds. Journal of Fixed Point Theory and Applications, 2013, 14, 503-525.	1.1	3
52	Concentration on minimal submanifolds for a Yamabe-type problem. Communications in Partial Differential Equations, 2016, 41, 1379-1425.	2.2	3
53	Ground states of critical and supercritical problems of Brezisâ€"Nirenberg type. Annali Di Matematica Pura Ed Applicata, 2016, 195, 1787-1802.	1.0	3
54	The Ljapunovâ€"Schmidt Reduction for Some Critical Problems. , 2013, , 69-83.		3

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55	Yamabe systems and optimal partitions on manifolds with symmetries. Electronic Research Archive, 2021, 29, 4327-4338.	0.9	3
56	Generic Properties of Critical Points of the Weyl Tensor. Advanced Nonlinear Studies, 2017, 17, 99-109.	1.7	2
57	Maximal solution of the Liouville equation in doubly connected domains. Journal of Functional Analysis, 2019, 277, 2997-3050.	1.4	2
58	Concentration along Geodesics for a Nonlinear Steklov Problem Arising in Corrosion Modeling. SIAM Journal on Mathematical Analysis, 2016, 48, 1085-1108.	1.9	1
59	Boundary-layers for a Neumann problem at higher critical exponents. Bolletino Dell Unione Matematica Italiana, 2017, 10, 355-368.	1.0	1
60	Bubbling nodal solutions for a large perturbation of the Moser–Trudinger equation on planar domains. Mathematische Annalen, 2021, 380, 643-686.	1.4	1
61	Blow-up Solutions for Linear Perturbations of the Yamabe Equation. , 2013, , 29-47.		1
62	From periodic ODE's to supercritical PDE's. Nonlinear Analysis: Theory, Methods & Applications, 2015, 119, 330-340.	1.1	0
63	Large conformal metrics with prescribed scalar curvature. Journal of Differential Equations, 2017, 263, 5902-5938.	2.2	0
64	Singular Yamabe Metrics by Equivariant Reduction. Journal of Geometric Analysis, 2021, 31, 12525-12547.	1.0	0
65	Sign-Changing Solutions for the One-Dimensional Non-Local sinh-Poisson Equation. Advanced Nonlinear Studies, 2020, 20, 739-767.	1.7	0