

Angela Pistoia

List of Publications by Year in descending order

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65
papers

1,199
citations

448610

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66
all docs

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docs citations

66
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Solutions to a cubic Schrödinger system with mixed attractive and repulsive forces in a critical regime. <i>Mathematics in Engineering</i> , 2022, 4, 1-21.	0.5	5
2	Fully nontrivial solutions to elliptic systems with mixed couplings. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2022, 216, 112694.	0.6	9
3	Nondegeneracy of the bubble for the critical p-Laplace equation. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2021, 151, 151-168.	0.8	4
4	Bubbling nodal solutions for a large perturbation of the Moser-Trudinger equation on planar domains. <i>Mathematische Annalen</i> , 2021, 380, 643-686.	0.7	1
5	A solution to a slightly subcritical elliptic problem with non-power nonlinearity. <i>Journal of Differential Equations</i> , 2021, 275, 418-446.	1.1	8
6	Sign-changing solutions for critical equations with Hardy potential. <i>Analysis and PDE</i> , 2021, 14, 533-566.	0.6	6
7	The fractional Brezis-Nirenberg problems on lower dimensions. <i>Journal of Differential Equations</i> , 2021, 286, 284-331.	1.1	7
8	Singular Yamabe Metrics by Equivariant Reduction. <i>Journal of Geometric Analysis</i> , 2021, 31, 12525-12547.	0.5	0
9	Large conformal metrics with prescribed Gaussian and geodesic curvatures. <i>Calculus of Variations and Partial Differential Equations</i> , 2021, 60, 1.	0.9	7
10	Yamabe systems and optimal partitions on manifolds with symmetries. <i>Electronic Research Archive</i> , 2021, 29, 4327-4338.	0.4	3
11	A fountain of positive bubbles on a Coron's problem for a competitive weakly coupled gradient system. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2020, 135, 159-198.	0.8	11
12	On the mean field equation with variable intensities on pierced domains. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 190, 111597.	0.6	5
13	Sign-Changing Solutions for the One-Dimensional Non-Local sinh-Poisson Equation. <i>Advanced Nonlinear Studies</i> , 2020, 20, 739-767.	0.7	0
14	Non-uniqueness of blowing-up solutions to the Gelfand problem. <i>Calculus of Variations and Partial Differential Equations</i> , 2019, 58, 1.	0.9	4
15	Maximal solution of the Liouville equation in doubly connected domains. <i>Journal of Functional Analysis</i> , 2019, 277, 2997-3050.	0.7	2
16	Clustering Phenomena for Linear Perturbation of the Yamabe Equation. , 2019, , 311-331.		4
17	Blow-up phenomena for linearly perturbed Yamabe problem on manifolds with umbilic boundary. <i>Journal of Differential Equations</i> , 2019, 267, 587-618.	1.1	9
18	Existence and phase separation of entire solutions to a pure critical competitive elliptic system. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 1.	0.9	23

#	ARTICLE	IF	CITATIONS
19	Linear Perturbation of the Yamabe Problem on Manifolds with Boundary. <i>Journal of Geometric Analysis</i> , 2018, 28, 1315-1340.	0.5	11
20	On Coron's problem for weakly coupled elliptic systems. <i>Proceedings of the London Mathematical Society</i> , 2018, 116, 33-67.	0.6	18
21	Infinitely many non-radial solutions to a critical equation on annulus. <i>Journal of Differential Equations</i> , 2018, 265, 4076-4100.	1.1	5
22	Generic Properties of Critical Points of the Weyl Tensor. <i>Advanced Nonlinear Studies</i> , 2017, 17, 99-109.	0.7	2
23	Towering Phenomena for the Yamabe Equation on Symmetric Manifolds. <i>Potential Analysis</i> , 2017, 47, 53-102.	0.4	16
24	Boundary-layers for a Neumann problem at higher critical exponents. <i>Bolletino Dell Unione Matematica Italiana</i> , 2017, 10, 355-368.	0.6	1
25	Large conformal metrics with prescribed scalar curvature. <i>Journal of Differential Equations</i> , 2017, 263, 5902-5938.	1.1	0
26	Spiked solutions for Schrödinger systems with Sobolev critical exponent: the cases of competitive and weakly cooperative interactions. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 407-446.	0.6	20
27	Sign-changing tower of bubbles for a sinh-Poisson equation with asymmetric exponents. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 5651-5692.	0.5	10
28	On Yamabe-type problems on Riemannian manifolds with boundary. <i>Pacific Journal of Mathematics</i> , 2016, 284, 79-102.	0.2	9
29	Concentration on minimal submanifolds for a Yamabe-type problem. <i>Communications in Partial Differential Equations</i> , 2016, 41, 1379-1425.	1.0	3
30	Large mass boundary condensation patterns in the stationary Keller-Segel system. <i>Journal of Differential Equations</i> , 2016, 261, 3414-3462.	1.1	21
31	Concentration along Geodesics for a Nonlinear Steklov Problem Arising in Corrosion Modeling. <i>SIAM Journal on Mathematical Analysis</i> , 2016, 48, 1085-1108.	0.9	1
32	Boundary concentration phenomena for the higher-dimensional Keller-Segel system. <i>Calculus of Variations and Partial Differential Equations</i> , 2016, 55, 1.	0.9	4
33	Ground states of critical and supercritical problems of Brezis-Nirenberg type. <i>Annali Di Matematica Pura Ed Applicata</i> , 2016, 195, 1787-1802.	0.5	3
34	Concentrating solutions for a Liouville type equation with variable intensities in 2D-turbulence. <i>Nonlinearity</i> , 2016, 29, 271-297.	0.6	19
35	Bubbling solutions for supercritical problems on manifolds. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2015, 103, 1410-1440.	0.8	8
36	On the supercritical mean field equation on pierced domains. <i>Proceedings of the American Mathematical Society</i> , 2015, 143, 3969-3984.	0.4	5

#	ARTICLE	IF	CITATIONS
37	Steady states with unbounded mass of the Keller–Segel system. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2015, 145, 203-222.	0.8	14
38	From periodic ODEs to supercritical PDEs. Nonlinear Analysis: Theory, Methods & Applications, 2015, 119, 330-340.	0.6	0
39	Blowing-up solutions for the Yamabe equation. Portugaliae Mathematica, 2014, 71, 249-276.	0.4	10
40	Non Degeneracy of Critical Points of the Robin Function with Respect to Deformations of the Domain. Potential Analysis, 2014, 40, 103-116.	0.4	16
41	The effect of linear perturbations on the Yamabe problem. Mathematische Annalen, 2014, 358, 511-560.	0.7	43
42	Supercritical problems in domains with thin toroidal holes. Discrete and Continuous Dynamical Systems, 2014, 34, 4671-4688.	0.5	4
43	Multiple Blow-Up Phenomena for the Sinh-Poisson Equation. Archive for Rational Mechanics and Analysis, 2013, 209, 287-320.	1.1	26
44	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.	0.6	3
45	On the Stability for Paneitz-Type Equations. International Mathematics Research Notices, 2013, 2013, 3133-3158.	0.5	5
46	Nonexistence and multiplicity of solutions to elliptic problems with supercritical exponents. Calculus of Variations and Partial Differential Equations, 2013, 48, 611-623.	0.9	18
47	Blow-up Solutions for Linear Perturbations of the Yamabe Equation. , 2013, , 29-47.		1
48	The Ljapunov–Schmidt Reduction for Some Critical Problems. , 2013, , 69-83.		3
49	Large energy entire solutions for the Yamabe equation. Journal of Differential Equations, 2011, 251, 2568-2597.	1.1	70
50	Blow-up solutions for Paneitz–Branson type equations with critical growth. Asymptotic Analysis, 2011, 73, 225-248.	0.2	5
51	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.	1.0	35
52	Tower of bubbles for almost critical problems in general domains. Journal Des Mathematiques Pures Et Appliquees, 2010, 93, 1-40.	0.8	46
53	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.	1.0	34
54	Blow-up solutions for asymptotically critical elliptic equations on Riemannian manifolds. Indiana University Mathematics Journal, 2009, 58, 1719-1746.	0.4	40

#	ARTICLE	IF	CITATIONS
55	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.	0.9	39
56	Multipeak solutions to the Bahri-Coron problem in domains with a shrinking hole. Journal of Functional Analysis, 2009, 256, 275-306.	0.7	17
57	Generic Properties of Singularly Perturbed Nonlinear Elliptic Problems on Riemannian Manifold. Advanced Nonlinear Studies, 2009, 9, 803-813.	0.7	5
58	Concentrating solutions for a planar elliptic problem involving nonlinearities with large exponent. Journal of Differential Equations, 2006, 227, 29-68.	1.1	61
59	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.	0.9	42
60	Concentrating solutions for the Hénon equation in \mathbb{R}^2 . Journal D'Analyse Mathématique, 2006, 100, 249-280.	0.4	45
61	Super-critical boundary bubbling in a semilinear Neumann problem. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2005, 22, 45-82.	0.7	42
62	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
63	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.	0.6	20
64	Multispikes solutions for a nonlinear elliptic problem involving critical Sobolev exponent. Indiana University Mathematics Journal, 2002, 51, 0-0.	0.4	57
65	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.	0.9	75