Gabriella Tarantello

List of Publications by Year
in descending order

22 papers	1,035 citations	687363 13 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	189 citing authors

#	ARTICLE	IF	CITATIONS
1	Bifurcation for minimal surface equation in hyperbolic 3-manifolds. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 243-279.	1.4	5
2	Multiple solutions for the non-Abelian Chern–Simons–Higgs vortex equations. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2019, 36, 1401-1430.	1.4	0
3	Sharp estimates for solutions of mean field equations with collapsing singularity. Communications in Partial Differential Equations, 2017, 42, 1549-1597.	2.2	8
4	Analytical Issues in the Construction of Self-dual Chern–Simons Vortices. Milan Journal of Mathematics, 2016, 84, 269-298.	1.1	2
5	On Non-Topological Solutions for Planar Liouville Systems of Toda-Type. Communications in Mathematical Physics, 2016, 347, 223-270.	2.2	9
6	Doubly periodic self-dual vortices in a relativistic non-Abelian Chern–Simons model. Calculus of Variations and Partial Differential Equations, 2014, 49, 1149-1176.	1.7	20
7	Chern–Simons vortices in the Gudnason model. Journal of Functional Analysis, 2014, 267, 678-726.	1.4	14
8	Solutions to the master equations governing fractional vortices. Journal of Differential Equations, 2013, 254, 1437-1463.	2.2	3
9	Uniqueness and symmetry results for solutions of a mean field equation on $\mathbb{R}^2$ via a new bubbling phenomenon. Communications on Pure and Applied Mathematics, 2011, 64, 1677-1730.	3.1	19
10	On Some Elliptic Problems in the Study of Selfdual Chern-Simons Vortices. Lecture Notes in Mathematics, 2009, , 117-175.	0.2	2
11	Uniqueness of selfdual periodic Chern–Simons vortices of topological-type. Calculus of Variations and Partial Differential Equations, 2007, 29, 191-217.	1.7	33
12	A quantization property for blow up solutions of singular Liouville-type equations. Journal of Functional Analysis, 2005, 219, 368-399.	1.4	38
13	Selfdual Maxwell-Chern-Simons Vortices. Milan Journal of Mathematics, 2004, 72, 29-80.	1.1	8
14	Profile of Blow-up Solutions to Mean Field Equations with Singular Data. Communications in Partial Differential Equations, 2004, 29, 1241-1265.	2.2	96
15	Analytical Aspects of Liouville-Type Equations with Singular Sources. Handbook of Differential Equations: Stationary Partial Differential Equations, 2004, 1, 491-592.	0.7	27
16	Vortices in the Maxwell–Chern–Simons theory. Communications on Pure and Applied Mathematics, 2000, 53, 811-851.	3.1	57
17	Vortex Condensates for the SU(3) Chern–Simons Theory. Communications in Mathematical Physics, 2000, 213, 599-639.	2.2	89
18	Double vortex condensates in the Chern-Simons-Higgs theory. Calculus of Variations and Partial Differential Equations, 1999, 9, 31-94.	1.7	117

#	Article	IF	Citations
19	On a Sharp Sobolev-Type Inequality on Two-Dimensional Compact Manifolds. Archive for Rational Mechanics and Analysis, 1998, 145, 161-195.	2.4	103
20	Vortex-Condensations of a Non-Relativistic Maxwellâ€"Chernâ€"Simons Theory. Journal of Differential Equations, 1997, 141, 295-309.	2.2	4
21	Multiple condensate solutions for the Chernâ€"Simonsâ€"Higgs theory. Journal of Mathematical Physics, 1996, 37, 3769-3796.	1.1	223
22	On semilinear elliptic equations with indefinite nonlinearities. Calculus of Variations and Partial Differential Equations, 1993, 1, 439-475.	1.7	158