

Gabriella Tarantello

List of Publications by Year in descending order

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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	Multiple condensate solutions for the Chern-Simons-Higgs theory. <i>Journal of Mathematical Physics</i> , 1996, 37, 3769-3796.	1.1	223
2	On semilinear elliptic equations with indefinite nonlinearities. <i>Calculus of Variations and Partial Differential Equations</i> , 1993, 1, 439-475.	1.7	158
3	Double vortex condensates in the Chern-Simons-Higgs theory. <i>Calculus of Variations and Partial Differential Equations</i> , 1999, 9, 31-94.	1.7	117
4	On a Sharp Sobolev-Type Inequality on Two-Dimensional Compact Manifolds. <i>Archive for Rational Mechanics and Analysis</i> , 1998, 145, 161-195.	2.4	103
5	Profile of Blow-up Solutions to Mean Field Equations with Singular Data. <i>Communications in Partial Differential Equations</i> , 2004, 29, 1241-1265.	2.2	96
6	Vortex Condensates for the SU(3) Chern-Simons Theory. <i>Communications in Mathematical Physics</i> , 2000, 213, 599-639.	2.2	89
7	Vortices in the Maxwell-Chern-Simons theory. <i>Communications on Pure and Applied Mathematics</i> , 2000, 53, 811-851.	3.1	57
8	A quantization property for blow up solutions of singular Liouville-type equations. <i>Journal of Functional Analysis</i> , 2005, 219, 368-399.	1.4	38
9	Uniqueness of selfdual periodic Chern-Simons vortices of topological-type. <i>Calculus of Variations and Partial Differential Equations</i> , 2007, 29, 191-217.	1.7	33
10	Analytical Aspects of Liouville-Type Equations with Singular Sources. <i>Handbook of Differential Equations: Stationary Partial Differential Equations</i> , 2004, 1, 491-592.	0.7	27
11	Doubly periodic self-dual vortices in a relativistic non-Abelian Chern-Simons model. <i>Calculus of Variations and Partial Differential Equations</i> , 2014, 49, 1149-1176.	1.7	20
12	Uniqueness and symmetry results for solutions of a mean field equation on S^2 via a new bubbling phenomenon. <i>Communications on Pure and Applied Mathematics</i> , 2011, 64, 1677-1730.	3.1	19
13	Chern-Simons vortices in the Gudnason model. <i>Journal of Functional Analysis</i> , 2014, 267, 678-726.	1.4	14
14	On Non-Topological Solutions for Planar Liouville Systems of Toda-Type. <i>Communications in Mathematical Physics</i> , 2016, 347, 223-270.	2.2	9
15	Selfdual Maxwell-Chern-Simons Vortices. <i>Milan Journal of Mathematics</i> , 2004, 72, 29-80.	1.1	8
16	Sharp estimates for solutions of mean field equations with collapsing singularity. <i>Communications in Partial Differential Equations</i> , 2017, 42, 1549-1597.	2.2	8
17	Bifurcation for minimal surface equation in hyperbolic 3-manifolds. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2021, 38, 243-279.	1.4	5
18	Vortex-Condensations of a Non-Relativistic Maxwell-Chern-Simons Theory. <i>Journal of Differential Equations</i> , 1997, 141, 295-309.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Solutions to the master equations governing fractional vortices. Journal of Differential Equations, 2013, 254, 1437-1463.	2.2	3
20	Analytical Issues in the Construction of Self-dual Chern-Simons Vortices. Milan Journal of Mathematics, 2016, 84, 269-298.	1.1	2
21	On Some Elliptic Problems in the Study of Selfdual Chern-Simons Vortices. Lecture Notes in Mathematics, 2009, , 117-175.	0.2	2
22	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