

# Isabella Ianni

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

406  
citations

840776

11  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	On Concentration of Positive Bound States for the Schrödinger-Poisson Problem with Potentials. <i>Advanced Nonlinear Studies</i> , 2008, 8, 573-595.	1.7	114
2	GROUND AND BOUND STATES FOR A STATIC SCHRÖDINGER-POISSON-SLATER PROBLEM. <i>Communications in Contemporary Mathematics</i> , 2012, 14, 1250003.	1.2	59
3	SOLUTIONS OF THE SCHRÖDINGER-POISSON PROBLEM CONCENTRATING ON SPHERES, PART II: EXISTENCE. <i>Mathematical Models and Methods in Applied Sciences</i> , 2009, 19, 877-910.	3.3	41
4	SOLUTIONS OF THE SCHRÖDINGER-POISSON PROBLEM CONCENTRATING ON SPHERES, PART I: NECESSARY CONDITIONS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2009, 19, 707-720.	3.3	37
5	A Morse index formula for radial solutions of Lane-Emden problems. <i>Advances in Mathematics</i> , 2017, 322, 682-737.	1.1	21
6	Asymptotic analysis and sign-changing bubble towers for Lane-Emden problems. <i>Journal of the European Mathematical Society</i> , 2015, 17, 2037-2068.	1.4	16
7	Morse index and uniqueness of positive solutions of the Lane-Emden problem in planar domains. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 128, 339-378.	1.6	16
8	Non-radial sign-changing solutions for the Schrödinger-Poisson problem in the semiclassical limit. <i>Nonlinear Differential Equations and Applications</i> , 2015, 22, 741-776.	0.8	15
9	Exact Morse index computation for nodal radial solutions of Lane-Emden problems. <i>Mathematische Annalen</i> , 2017, 367, 185-227.	1.4	15
10	Asymptotic profile of positive solutions of Lane-Emden problems in dimension two. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 889-916.	1.1	15
11	Multi-speed solitary wave solutions for nonlinear Schrödinger systems. <i>Journal of the London Mathematical Society</i> , 2014, 89, 623-639.	1.0	12
12	Sign-changing solutions of Lane Emden problems with interior nodal line and semilinear heat equations. <i>Journal of Differential Equations</i> , 2013, 254, 3596-3614.	2.2	11
13	Morse index and sign-changing bubble towers for Lane-Emden problems. <i>Annali Di Matematica Pura Ed Applicata</i> , 2016, 195, 357-369.	1.0	6
14	Quasi-radial solutions for the Lane-Emden problem in the ball. <i>Nonlinear Differential Equations and Applications</i> , 2020, 27, 1.	0.8	6
15	On the Cauchy Problem and the Black Solitons of a Singularly Perturbed Gross-Pitaevskii Equation. <i>SIAM Journal on Mathematical Analysis</i> , 2017, 49, 1060-1099.	1.9	5
16	Blow up of solutions of semilinear heat equations in non radial domains of $\mathbb{R}^2$ . <i>Discrete and Continuous Dynamical Systems</i> , 2015, 35, 891-907.	0.9	4
17	Blow-up for sign-changing solutions of the critical heat equation in domains with a small hole. <i>Communications in Contemporary Mathematics</i> , 2016, 18, 1550017.	1.2	3
18	Local and global solutions for some parabolic nonlocal problems. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2012, 75, 4904-4913.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Non-degeneracy and local uniqueness of positive solutions to the Lane-Emden problem in dimension two. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2022, 157, 145-210.	1.6	2
20	Sharp asymptotic behavior of radial solutions of some planar semilinear elliptic problems. <i>Journal of Differential Equations</i> , 2021, 304, 102-164.	2.2	2
21	Morse index computation for radial solutions of the Hénon problem in the disk. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2022, 215, 112645.	1.1	2
22	Prescribed Gauss curvature problem on singular surfaces. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 1.	1.7	1
23	Asymptotic Analysis for the Lane-Emden Problem in Dimension Two. , 2019, , 215-252.		1