# Isabella Ianni

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 23 papers | 406 citations | 840776<br>11 h-index | 752698<br>20 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 144 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Non-degeneracy and local uniqueness of positive solutions to the Lane-Emden problem in dimension two. Journal Des Mathematiques Pures Et Appliquees, 2022, 157, 145-210. | 1.6 | 2 |
| 2 | Morse index computation for radial solutions of the Hénon problem in the disk. Nonlinear Analysis: Theory, Methods & Applications, 2022, 215, 112645. | 1.1 | 2 |
| 3 | Sharp asymptotic behavior of radial solutions of some planar semilinear elliptic problems. Journal of Differential Equations, 2021, 304, 102-164. | 2.2 | 2 |
| 4 | Quasi-radial solutions for the Lane–Emden problem in the ball. Nonlinear Differential Equations and Applications, 2020, 27, 1. | 0.8 | 6 |
| 5 | Asymptotic Analysis for the Lane–Emden Problem in Dimension Two. , 2019, , 215-252. | | 1 |
| 6 | Morse index and uniqueness of positive solutions of the Lane-Emden problem in planar domains. Journal Des Mathematiques Pures Et Appliquees, 2019, 128, 339-378. | 1.6 | 16 |
| 7 | Prescribed Gauss curvature problem on singular surfaces. Calculus of Variations and Partial Differential Equations, 2018, 57, 1. | 1.7 | 1 |
| 8 | Exact Morse index computation for nodal radial solutions of Lane–Emden problems. Mathematische Annalen, 2017, 367, 185-227. | 1.4 | 15 |
| 9 | On the Cauchy Problem and the Black Solitons of a Singularly Perturbed Gross--Pitaevskii Equation. SIAM Journal on Mathematical Analysis, 2017, 49, 1060-1099. | 1.9 | 5 |
| 10 | A Morse index formula for radial solutions of Lane–Emden problems. Advances in Mathematics, 2017, 322, 682-737. | 1.1 | 21 |
| 11 | Asymptotic profile of positive solutions of Lane–Emden problems in dimension two. Journal of Fixed Point Theory and Applications, 2017, 19, 889-916. | 1.1 | 15 |
| 12 | Blow-up for sign-changing solutions of the critical heat equation in domains with a small hole. Communications in Contemporary Mathematics, 2016, 18, 1550017. | 1.2 | 3 |
| 13 | Morse index and sign-changing bubble towers for Lane–Emden problems. Annali Di Matematica Pura Ed Applicata, 2016, 195, 357-369. | 1.0 | 6 |
| 14 | Asymptotic analysis and sign-changing bubble towers for Lane–Emden problems. Journal of the European Mathematical Society, 2015, 17, 2037-2068. | 1.4 | 16 |
| 15 | Non-radial sign-changing solutions for the Schrödinger–Poisson problem in the semiclassical limit. Nonlinear Differential Equations and Applications, 2015, 22, 741-776. | 0.8 | 15 |
| 16 | Blow up of solutions of semilinear heat equations in non radial domains of $\mathbb{R}^2$. Discrete and Continuous Dynamical Systems, 2015, 35, 891-907. | 0.9 | 4 |
| 17 | Multi-speed solitary wave solutions for nonlinear Schrödinger systems. Journal of the London Mathematical Society, 2014, 89, 623-639. | 1.0 | 12 |
| 18 | Sign-changing solutions of Lane Emden problems with interior nodal line and semilinear heat equations. Journal of Differential Equations, 2013, 254, 3596-3614. | 2.2 | 11 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | GROUND AND BOUND STATES FOR A STATIC SCHRÃ—DINGERâ€"POISSONâ€"SLATER PROBLEM. Communications in Contemporary Mathematics, 2012, 14, 1250003. | 1.2 | 59 |
| 20 | Local and global solutions for some parabolic nonlocal problems. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 4904-4913. | 1.1 | 2 |
| 21 | SOLUTIONS OF THE SCHRÃ—DINGERâ€"POISSON PROBLEM CONCENTRATING ON SPHERES, PART II: EXISTENCE. Mathematical Models and Methods in Applied Sciences, 2009, 19, 877-910. | 3.3 | 41 |
| 22 | SOLUTIONS OF THE SCHRÃ—DINGERâ€"POISSON PROBLEM CONCENTRATING ON SPHERES, PART I: NECESSARY CONDITIONS. Mathematical Models and Methods in Applied Sciences, 2009, 19, 707-720. | 3.3 | 37 |
| 23 | On Concentration of Positive Bound States for the SchrÃ¶dinger-Poisson Problem with Potentials. Advanced Nonlinear Studies, 2008, 8, 573-595. | 1.7 | 114 |