# Jacopo Bellazzini

List of Publications by Year
in descending order

| | | 687363 | 552781 |
|---|---|---|---|
| **27**<br>papers | **688**<br>citations | **13**<br>h-index | **26**<br>g-index |
| **30**<br>all docs | **30**<br>docs citations | **30**<br>times ranked | **227**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Existence and instability of standing waves with prescribed norm for a class of Schrödinger-Poisson equations. Proceedings of the London Mathematical Society, 2013, 107, 303-339. | 1.3 | 126 |
| 2 | On Dipolar Quantum Gases in the Unstable Regime. SIAM Journal on Mathematical Analysis, 2016, 48, 2028-2058. | 1.9 | 81 |
| 3 | Scaling properties of functionals and existence of constrained minimizers. Journal of Functional Analysis, 2011, 261, 2486-2507. | 1.4 | 64 |
| 4 | Maximizers for Gagliardo–Nirenberg inequalities and related non-local problems. Mathematische Annalen, 2014, 360, 653-673. | 1.4 | 60 |
| 5 | Existence and Stability of Standing Waves for Supercritical NLS with a Partial Confinement. Communications in Mathematical Physics, 2017, 353, 229-251. | 2.2 | 59 |
| 6 | Stable standing waves for a class of nonlinear Schrödinger-Poisson equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2011, 62, 267-280. | 1.4 | 54 |
| 7 | On the analysis of fluctuating velocity signals through methods based on the wavelet and Hilbert transforms. Chaos, Solitons and Fractals, 2004, 20, 149-158. | 5.1 | 31 |
| 8 | Sharp Gagliardo–Nirenberg inequalities in fractional Coulomb–Sobolev spaces. Transactions of the American Mathematical Society, 2018, 370, 8285-8310. | 0.9 | 31 |
| 9 | On the Existence of the Fundamental Eigenvalue of an Elliptic Problem in $\mathbb{R}^N$. Advanced Nonlinear Studies, 2007, 7, 439-458. | 1.7 | 28 |
| 10 | Multi-Solitary Waves for the Nonlinear Klein-Gordon Equation. Communications in Partial Differential Equations, 2014, 39, 1479-1522. | 2.2 | 21 |
| 11 | Long time dynamics for semi-relativistic NLS and half wave in arbitrary dimension. Mathematische Annalen, 2018, 371, 707-740. | 1.4 | 20 |
| 12 | Asymptotic dynamic for Dipolar Quantum Gases below the ground state energy threshold. Journal of Functional Analysis, 2019, 277, 1958-1998. | 1.4 | 16 |
| 13 | On Traveling Solitary Waves and Absence of Small Data Scattering for Nonlinear Half-Wave Equations. Communications in Mathematical Physics, 2019, 372, 713-732. | 2.2 | 14 |
| 14 | On the orbital stability for a class of nonautonomous NLS. Indiana University Mathematics Journal, 2010, 59, 1211-1230. | 0.9 | 13 |
| 15 | EXISTENCE OF GROUND STATES FOR NEGATIVE IONS AT THE BINDING THRESHOLD. Reviews in Mathematical Physics, 2014, 26, 1350021. | 1.7 | 11 |
| 16 | Vortex dynamics in evolutive flows: A weakly chaotic phenomenon. Physical Review E, 2003, 68, 026126. | 2.1 | 10 |
| 17 | Sharp lower bounds for Coulomb energy. Mathematical Research Letters, 2016, 23, 621-632. | 0.5 | 10 |
| 18 | Nonlinear Schrödinger equations with strongly singular potentials. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 707-721. | 1.2 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Magneto-Static Vortices in Two Dimensional Abelian Gauge Theories. Mediterranean Journal of Mathematics, 2009, 6, 347-366. | 0.8 | 8 |
| 20 | Ground States for Semi-Relativistic Schrödinger-Poisson-Slater Energy. Funkcialaj Ekvacioj, 2017, 60, 353-369. | 0.3 | 5 |
| 21 | Max-Min characterization of the mountain pass energy level for a class of variational problems. Proceedings of the American Mathematical Society, 2010, 138, 3335-3335. | 0.8 | 4 |
| 22 | Dynamical collapse of cylindrical symmetric dipolar Bose–Einstein condensates. Calculus of Variations and Partial Differential Equations, 2021, 60, 1. | 1.7 | 4 |
| 23 | Anisotropic diffusion and correlation analysis. Physical Review E, 2002, 66, 021102. | 2.1 | 1 |
| 24 | Random walks and coupling in complex systems. Chaos, Solitons and Fractals, 2004, 20, 159-163. | 5.1 | 1 |
| 25 | Periodic orbits of a one-dimensional non-autonomous Hamiltonian system. Journal of Differential Equations, 2006, 230, 275-294. | 2.2 | 1 |
| 26 | Rigidity of the anomalous transport of the standard map to time dependent perturbation. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 273-280. | 3.3 | 0 |
| 27 | Existence of solutions for semilinear elliptic problems in exterior of ball. Comptes Rendus Mathematique, 2010, 348, 545-548. | 0.3 | 0 |