Jacopo Bellazzini

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Dynamical collapse of cylindrical symmetric dipolar Bose–Einstein condensates. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	4
2	Asymptotic dynamic for Dipolar Quantum Gases below the ground state energy threshold. Journal of Functional Analysis, 2019, 277, 1958-1998.	1.4	16
3	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
4	Sharp Gagliardo–Nirenberg inequalities in fractional Coulomb–Sobolev spaces. Transactions of the American Mathematical Society, 2018, 370, 8285-8310.	0.9	31
5	Long time dynamics for semi-relativistic NLS and half wave in arbitrary dimension. Mathematische Annalen, 2018, 371, 707-740.	1.4	20
6	Existence and Stability of Standing Waves for Supercritical NLS with a Partial Confinement. Communications in Mathematical Physics, 2017, 353, 229-251.	2.2	59
7	Ground States for Semi-Relativistic Schrödinger-Poisson-Slater Energy. Funkcialaj Ekvacioj, 2017, 60, 353-369.	0.3	5
8	On Dipolar Quantum Gases in the Unstable Regime. SIAM Journal on Mathematical Analysis, 2016, 48, 2028-2058.	1.9	81
9	Sharp lower bounds for Coulomb energy. Mathematical Research Letters, 2016, 23, 621-632.	0.5	10
10	EXISTENCE OF GROUND STATES FOR NEGATIVE IONS AT THE BINDING THRESHOLD. Reviews in Mathematical Physics, 2014, 26, 1350021.	1.7	11
11	Maximizers for Gagliardo–Nirenberg inequalities and related non-local problems. Mathematische Annalen, 2014, 360, 653-673.	1.4	60
12	Multi-Solitary Waves for the Nonlinear Klein-Gordon Equation. Communications in Partial Differential Equations, 2014, 39, 1479-1522.	2.2	21
13	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
14	Scaling properties of functionals and existence of constrained minimizers. Journal of Functional Analysis, 2011, 261, 2486-2507.	1.4	64
15	Stable standing waves for a class of nonlinear Schrödinger-Poisson equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2011, 62, 267-280.	1.4	54
16	On the orbital stability for a class of nonautonomous NLS. Indiana University Mathematics Journal, 2010, 59, 1211-1230.	0.9	13
17	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
18	Existence of solutions for semilinear elliptic problems in exterior of ball. Comptes Rendus Mathematique, 2010, 348, 545-548.	0.3	0

#	Article	IF	Citations
19	Nonlinear Schrödinger equations with strongly singular potentials. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 707-721.	1.2	9
20	Magneto-Static Vortices in Two Dimensional Abelian Gauge Theories. Mediterranean Journal of Mathematics, 2009, 6, 347-366.	0.8	8
21	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
22	Periodic orbits of a one-dimensional non-autonomous Hamiltonian system. Journal of Differential Equations, 2006, 230, 275-294.	2.2	1
23	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
24	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
25	Random walks and coupling in complex systems. Chaos, Solitons and Fractals, 2004, 20, 159-163.	5.1	1
26	Vortex dynamics in evolutive flows: A weakly chaotic phenomenon. Physical Review E, 2003, 68, 026126.	2.1	10
27	Anisotropic diffusion and correlation analysis. Physical Review E, 2002, 66, 021102.	2.1	1