Carlo Lancellotti

List of Publications by Year
in descending order

11	145	1684188	1474206
papers	citations	5	9
		h-index	g-index

12	12	12	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Vlasov Limit for Systems of Nonlinearly Coupled Oscillators without Noise. Transport Theory and Statistical Physics, 2005, 34, 523-535.	0.4	48
2	Self-similar Gravitational Collapse in Stellar Dynamics. Astrophysical Journal, 2001, 549, L93-L96.	4.5	40
3	Time-asymptotic wave propagation in collisionless plasmas. Physical Review E, 2003, 68, 026406.	2.1	28
4	On the Fluctuations about the Vlasov Limit for N-particle Systems with Mean-Field Interactions. Journal of Statistical Physics, 2009, 136, 643-665.	1.2	11
5	On the Master–Equation Approach to Kinetic Theory: Linear and Nonlinear Fokker–Planck Equations. Transport Theory and Statistical Physics, 2004, 33, 379-401.	0.4	7
6	The Linear Fokker-Planck Equation for the Ornstein-Uhlenbeck Process as an (Almost) Nonlinear Kinetic Equation for an Isolated N-Particle System. Journal of Statistical Physics, 2006, 123, 525-546.	1.2	4
7	On the Glassey-Schaeffer Estimates for Linear Landau Damping. Journal of Computational and Theoretical Transport, 2015, 44, 198-214.	0.8	3
8	Time-Asymptotic Evolution of Spatially Uniform Gaussian Vlasov Fluctuation Fields. Journal of Statistical Physics, 2016, 163, 868-886.	1.2	3
9	Models of interacting pairs of thin, quasi-geostrophic vortices: steady-state solutions and nonlinear stability. Geophysical and Astrophysical Fluid Dynamics, 2016, 110, 491-517.	1.2	1
10	On self–similar collapsing solutions to the kinetic equations of stellar dynamics. Transport Theory and Statistical Physics, 2007, 36, 281-297.	0.4	0
11	Field-induced phases of an orientable charged particle in a dilute background of point charges. Chaos, 2008, 18, 013109.	2.5	0