

Maura Brunetti

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

742
citations

643344

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591227

27
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36
all docs

36
docs citations

36
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness of Competing Climatic States. <i>Journal of Climate</i> , 2022, 35, 2769-2784.	1.2	8
2	Non-homogeneous analysis of rogue wave probability evolution over a shoal. <i>Journal of Fluid Mechanics</i> , 2022, 939, .	1.4	18
3	Stabilization of Unsteady Nonlinear Waves by Phase-Space Manipulation. <i>Physical Review Letters</i> , 2021, 126, 174501.	2.9	11
4	Stabilization of uni-directional water wave trains over an uneven bottom. <i>Nonlinear Dynamics</i> , 2020, 101, 1131-1145.	2.7	6
5	Separatrix crossing and symmetry breaking in NLSE-like systems due to forcing and damping. <i>Nonlinear Dynamics</i> , 2020, 102, 2385-2398.	2.7	6
6	Reconciling different formulations of viscous water waves and their mass conservation. <i>Wave Motion</i> , 2020, 97, 102610.	1.0	3
7	Single-spectrum prediction of kurtosis of water waves in a nonconservative model. <i>Physical Review E</i> , 2019, 100, 013102.	0.8	7
8	Co-existing climate attractors in a coupled aquaplanet. <i>Climate Dynamics</i> , 2019, 53, 6293-6308.	1.7	27
9	Quantitative analysis of self-organized patterns in ombrotrophic peatlands. <i>Scientific Reports</i> , 2019, 9, 1499.	1.6	1
10	Nonlinear stage of Benjamin-Feir instability in forced/damped deep-water waves. <i>Physics of Fluids</i> , 2018, 30, .	1.6	16
11	How to reduce long-term drift in present-day and deep-time simulations?. <i>Climate Dynamics</i> , 2018, 50, 4425-4436.	1.7	8
12	Viscous damping of gravity-capillary waves: Dispersion relations and nonlinear corrections. <i>Physical Review Fluids</i> , 2018, 3, .	1.0	6
13	Recurrence in the high-order nonlinear Schrödinger equation: A low-dimensional analysis. <i>Physical Review E</i> , 2017, 96, 012222.	0.8	14
14	Spectral up- and downshifting of Akhmediev breathers under wind forcing. <i>Physics of Fluids</i> , 2017, 29, .	1.6	26
15	Triggering filamentation using turbulence. <i>Physical Review A</i> , 2016, 94, .	1.0	8
16	Modeling the Middle Jurassic ocean circulation. <i>Journal of Palaeogeography</i> , 2015, 4, 371-383.	0.9	23
17	Nonlinear fast growth of water waves under wind forcing. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 1025-1030.	0.9	51
18	Modulational instability in wind-forced waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 3626-3630.	0.9	28

#	ARTICLE	IF	CITATIONS
19	Stellar diffusion in barred spiral galaxies. <i>Astronomy and Astrophysics</i> , 2011, 534, A75.	2.1	77
20	Modeling proper motions beyond the Galactic bulge. <i>Astronomy and Astrophysics</i> , 2010, 510, A34.	2.1	3
21	Beyond scale separation in gyrokinetic turbulence. <i>Nuclear Fusion</i> , 2007, 47, 1206-1212.	1.6	16
22	A drift-kinetic Semi-Lagrangian 4D code for ion turbulence simulation. <i>Journal of Computational Physics</i> , 2006, 217, 395-423.	1.9	145
23	Fine-scale Structures and Negative-density Regions: Comparison of Numerical Methods for Solving the Advection Equation. <i>Transport Theory and Statistical Physics</i> , 2005, 34, 261-274.	0.4	2
24	Full radius linear and nonlinear gyrokinetic simulations for tokamaks and stellarators: zonal flows, applied B-flows, trapped electrons and finite beta. <i>Nuclear Fusion</i> , 2004, 44, 172-180.	1.6	60
25	A semi-Lagrangian code for nonlinear global simulations of electrostatic drift-kinetic ITC modes. <i>Computer Physics Communications</i> , 2004, 163, 1-21.	3.0	17
26	Vlasov-Poisson Numerical Simulations of Wave-Particle Interactions in the Relativistic Regime. <i>Physica Scripta</i> , 2000, T84, 168.	1.2	1
27	Motion of extended vortices in an inhomogeneous pure electron plasma. <i>Physics of Plasmas</i> , 2000, 7, 2856-2865.	0.7	12
28	Asymptotic evolution of nonlinear Landau damping. <i>Physical Review E</i> , 2000, 62, 4109-4114.	0.8	67
29	Gravitational wave radiation from compact binary systems in the Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 1999, 59, .	1.6	43
30	Cross section of a resonant-mass detector for scalar gravitational waves. <i>Physical Review D</i> , 1998, 57, 4525-4534.	1.6	32