

Yuri V Lvov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8211893/publications.pdf>

Version: 2024-02-01

14
papers

387
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamiltonian Formalism and the Garrett-Munk Spectrum of Internal Waves in the Ocean. <i>Physical Review Letters</i> , 2001, 87, 168501.	7.8	67
2	Joint statistics of amplitudes and phases in wave turbulence. <i>Physica D: Nonlinear Phenomena</i> , 2005, 201, 121-149.	2.8	52
3	Anomalous probability of large amplitudes in wave turbulence. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 339, 361-369.	2.1	49
4	Energy Spectra of the Ocean's Internal Wave Field: Theory and Observations. <i>Physical Review Letters</i> , 2004, 92, 128501.	7.8	48
5	Resonant and Near-Resonant Internal Wave Interactions. <i>Journal of Physical Oceanography</i> , 2012, 42, 669-691.	1.7	40
6	Probability densities and preservation of randomness in wave turbulence. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 332, 230-238.	2.1	37
7	Oceanic Internal-Wave Field: Theory of Scale-Invariant Spectra. <i>Journal of Physical Oceanography</i> , 2010, 40, 2605-2623.	1.7	31
8	A Hamiltonian formulation for long internal waves. <i>Physica D: Nonlinear Phenomena</i> , 2004, 195, 106-122.	2.8	25
9	Nonlinear wave-wave interactions in stratified flows: Direct numerical simulations. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 803-815.	2.8	13
10	Downscale energy fluxes in scale-invariant oceanic internal wave turbulence. <i>Journal of Fluid Mechanics</i> , 2021, 915, .	3.4	11
11	On the Origins of the Oceanic Ultraviolet Catastrophe. <i>Journal of Physical Oceanography</i> , 2022, 52, 597-616.	1.7	6
12	An Oceanic Ultra-Violet Catastrophe, Wave-Particle Duality and a Strongly Nonlinear Concept for Geophysical Turbulence. <i>Fluids</i> , 2017, 2, 36.	1.7	4
13	Excitation of interfacial waves via surface interfacial wave interactions. <i>Journal of Fluid Mechanics</i> , 2020, 887, .	3.4	4
14	Generalized Clebsch Variables for Compressible Ideal Fluids: Initial Conditions and Approximations of the Hamiltonian. <i>Fluids</i> , 2022, 7, 122.	1.7	0