Lia Siegelman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8774761/publications.pdf

Version: 2024-02-01

18	476	758635 12	839053 18
papers	citations	h-index	g-index

20	20	20	682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Moist convection drives an upscale energy transfer at Jovian high latitudes. Nature Physics, 2022, 18, 357-361.	6.5	18
2	Separating Energetic Internal Gravity Waves and Smallâ€Scale Frontal Dynamics. Geophysical Research Letters, 2022, 49, .	1.5	6
3	Polar vortex crystals: Emergence and structure. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120486119.	3.3	8
4	A Deep Learning Approach to Spatiotemporal Sea Surface Height Interpolation and Estimation of Deep Currents in Geostrophic Ocean Turbulence. Journal of Advances in Modeling Earth Systems, 2021, 13, e2019MS001965.	1.3	23
5	GeophysicalFlows.jl: Solvers for geophysical fluid dynamics problems in periodic domains on CPUs GPUs. Journal of Open Source Software, 2021, 6, 3053.	2.0	10
6	Energetic Submesoscale Dynamics in the Ocean Interior. Journal of Physical Oceanography, 2020, 50, 727-749.	0.7	30
7	Enhanced upward heat transport at deep submesoscale ocean fronts. Nature Geoscience, 2020, 13, 50-55.	5.4	84
8	Altimetry-Based Diagnosis of Deep-Reaching Sub-Mesoscale Ocean Fronts. Fluids, 2020, 5, 145.	0.8	9
9	Highâ€Frequency Submesoscale Motions Enhance the Upward Vertical Heat Transport in the Global Ocean. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016544.	1.0	35
10	Observations of Submesoscale Variability and Frontal Subduction within the Mesoscale Eddy Field of the Tasman Sea. Journal of Physical Oceanography, 2020, 50, 1509-1529.	0.7	23
11	Diagnosing Oceanâ€Waveâ€Turbulence Interactions From Space. Geophysical Research Letters, 2019, 46, 8933-8942.	1.5	8
12	Correction and Accuracy of High- and Low-Resolution CTD Data from Animal-Borne Instruments. Journal of Atmospheric and Oceanic Technology, 2019, 36, 745-760.	0.5	31
13	Submesoscale ocean fronts act as biological hotspot for southern elephant seal. Scientific Reports, 2019, 9, 5588.	1.6	42
14	Oceanâ€Scale Interactions From Space. Earth and Space Science, 2019, 6, 795-817.	1.1	90
15	Subâ€mesoscale fronts modify elephant seals foraging behavior. Limnology and Oceanography Letters, 2019, 4, 193-204.	1.6	14
16	Physical forcing on fish abundance in the southern California Current System. Fisheries Oceanography, 2018, 27, 475-488.	0.9	3
17	A Correction for the Thermal Massâ€“Induced Errors of CTD Tags Mounted on Marine Mammals. Journal of Atmospheric and Oceanic Technology, 2018, 35, 1237-1252.	0.5	17
18	Abundant mesopelagic fauna at oceanic high latitudes. Marine Ecology - Progress Series, 2016, 546, 277-282.	0.9	21