

Cynthia Bluteau

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

308
citations

1163117

8
h-index

996975

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g-index

17
all docs

17
docs citations

17
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating turbulent kinetic energy dissipation using the inertial subrange method in environmental flows. <i>Limnology and Oceanography: Methods</i> , 2011, 9, 302-321.	2.0	71
2	Turbulent mixing efficiency at an energetic ocean site. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4662-4672.	2.6	45
3	Quantifying Diapycnal Mixing in an Energetic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 346-357.	2.6	37
4	Determining Mixing Rates from Concurrent Temperature and Velocity Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 2283-2293.	1.3	29
5	Estimating Turbulent Dissipation from Microstructure Shear Measurements Using Maximum Likelihood Spectral Fitting over the Inertial and Viscous Subranges. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 713-722.	1.3	26
6	Nutrient fluxes into an isolated coral reef atoll by tidally driven internal bores. <i>Limnology and Oceanography</i> , 2019, 64, 461-473.	3.1	23
7	The effects of salt exclusion during ice formation on circulation in lakes. <i>Environmental Fluid Mechanics</i> , 2017, 17, 579-590.	1.6	18
8	Dynamics of a tidally-forced stratified shear flow on the continental slope. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
9	Acquiring Long-Term Turbulence Measurements from Moored Platforms Impacted by Motion. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 2535-2551.	1.3	9
10	Observations of Diurnal Coastal-Trapped Waves with a Thermocline-Intensified Velocity Field. <i>Journal of Physical Oceanography</i> , 2019, 49, 1973-1994.	1.7	7
11	Generation and Propagation of Near-Inertial Waves in a Baroclinic Current on the Tasmanian Shelf. <i>Journal of Physical Oceanography</i> , 2019, 49, 2653-2667.	1.7	7
12	Roles of Shear and Convection in Driving Mixing in the Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL089455.	4.0	7
13	Under-ice salinity transport in low-salinity waterbodies. <i>Limnology and Oceanography</i> , 2020, 65, 247-259.	3.1	5
14	Winter observations alter the seasonal perspectives of the nutrient transport pathways into the lower St. Lawrence Estuary. <i>Ocean Science</i> , 2021, 17, 1509-1525.	3.4	5
15	Determining Near-Bottom Fluxes of Passive Tracers in Aquatic Environments. <i>Geophysical Research Letters</i> , 2018, 45, 2716-2725.	4.0	4