

# Y-D Lenn

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

968  
citations

430874

18  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	SUSTAINED MONITORING OF THE SOUTHERN OCEAN AT DRAKE PASSAGE: PAST ACHIEVEMENTS AND FUTURE PRIORITIES. <i>Reviews of Geophysics</i> , 2011, 49, .	23.0	121
2	Tide-mediated warming of Arctic halocline by Atlantic heat fluxes over rough topography. <i>Nature Geoscience</i> , 2015, 8, 191-194.	12.9	111
3	Fate of Early 2000s Arctic Warm Water Pulse. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 561-566.	3.3	81
4	Observations of Ekman Currents in the Southern Ocean. <i>Journal of Physical Oceanography</i> , 2009, 39, 768-779.	1.7	73
5	The Sources and Mixing Characteristics of the Agulhas Current. <i>Journal of Physical Oceanography</i> , 2006, 36, 2060-2074.	1.7	64
6	Mooring-Based Observations of Double-Diffusive Staircases over the Laptev Sea Slope*. <i>Journal of Physical Oceanography</i> , 2012, 42, 95-109.	1.7	62
7	Intermittent Intense Turbulent Mixing under Ice in the Laptev Sea Continental Shelf. <i>Journal of Physical Oceanography</i> , 2011, 41, 531-547.	1.7	58
8	Kara Sea freshwater transport through Vilkitsky Strait: Variability, forcing, and further pathways toward the western Arctic Ocean from a model and observations. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4925-4944.	2.6	52
9	Mean jets, mesoscale variability and eddy momentum fluxes in the surface layer of the Antarctic Circumpolar Current in Drake Passage. <i>Journal of Marine Research</i> , 2007, 65, 27-58.	0.3	49
10	Wind-driven mixing at intermediate depths in an ice-free Arctic Ocean. <i>Geophysical Research Letters</i> , 2016, 43, 9749-9756.	4.0	47
11	Seasonal to tidal variability in currents, stratification and acoustic backscatter in an Antarctic ecosystem at Deception Island. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 1665-1683.	1.4	34
12	Semidiurnal Tides on the Laptev Sea Shelf with Implications for Shear and Vertical Mixing. <i>Journal of Physical Oceanography</i> , 2014, 44, 202-219.	1.7	32
13	Tide-induced vertical mixing in the Laptev Sea coastal polynya. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
14	Eastern Arctic Ocean Diapycnal Heat Fluxes through Large Double-Diffusive Steps. <i>Journal of Physical Oceanography</i> , 2019, 49, 227-246.	1.7	22
15	Can Drake Passage Observations Match Ekman's Classic Theory?. <i>Journal of Physical Oceanography</i> , 2013, 43, 1733-1740.	1.7	21
16	Shear at the Base of the Oceanic Mixed Layer Generated by Wind Shear Alignment. <i>Journal of Physical Oceanography</i> , 2013, 43, 1798-1810.	1.7	21
17	Near-Surface Eddy Heat and Momentum Fluxes in the Antarctic Circumpolar Current in Drake Passage. <i>Journal of Physical Oceanography</i> , 2011, 41, 1385-1407.	1.7	20
18	A warm jet in a cold ocean. <i>Nature Communications</i> , 2021, 12, 2418.	12.8	20

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19	Improving Estimates of the Antarctic Circumpolar Current Streamlines in Drake Passage. Journal of Physical Oceanography, 2008, 38, 1000-1010.	1.7	17
20	Observations of a diapycnal shortcut to adiabatic upwelling of Antarctic Circumpolar Deep Water. Geophysical Research Letters, 2014, 41, 7950-7956.	4.0	16
21	On the Along-Slope Heat Loss of the Boundary Current in the Eastern Arctic Ocean. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016375.	2.6	12
22	Water Mass Properties Derived From Satellite Observations in the Barents Sea. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015449.	2.6	6
23	Increasing Nutrient Fluxes and Mixing Regime Changes in the Eastern Arctic Ocean. Geophysical Research Letters, 2022, 49, .	4.0	6