

# Karen L Tracey

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

689  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mean Antarctic Circumpolar Current transport measured in Drake Passage. <i>Geophysical Research Letters</i> , 2016, 43, 11,760.	4.0	173
2	Mapping Circulation in the Kuroshio Extension with an Array of Current and Pressure Recording Inverted Echo Sounders. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 507-527.	1.3	91
3	Baroclinic Transport Time Series of the Antarctic Circumpolar Current Measured in Drake Passage. <i>Journal of Physical Oceanography</i> , 2014, 44, 1829-1853.	1.7	56
4	Mapping Abyssal Current and Pressure Fields under the Meandering Gulf Stream. <i>Journal of Atmospheric and Oceanic Technology</i> , 2001, 18, 1052-1067.	1.3	55
5	Strong bottom currents and cyclogenesis in Drake Passage. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	51
6	Program Studies the Kuroshio Extension. <i>Eos</i> , 2008, 89, 161-162.	0.1	40
7	Producing accurate maps of the Gulf Stream thermal front using objective analysis. <i>Journal of Geophysical Research</i> , 1989, 94, 8040-8052.	3.3	34
8	Propagation of Kuroshio Extension Meanders between 143° and 149°E. <i>Journal of Physical Oceanography</i> , 2012, 42, 581-601.	1.7	25
9	Eddy heat flux across the Antarctic Circumpolar Current estimated from sea surface height standard deviation. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6947-6964.	2.6	22
10	A Multi-Index GEM Technique and Its Application to the Southwestern Japan/East Sea. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 1282-1293.	1.3	21
11	IES Calibration and Mapping Procedures. <i>Journal of Atmospheric and Oceanic Technology</i> , 1997, 14, 1483-1493.	1.3	20
12	Comparisons of sea surface height variability observed by pressure-recording inverted echo sounders and satellite altimetry in the Kuroshio Extension. <i>Journal of Oceanography</i> , 2012, 68, 401-416.	1.7	20
13	Mean stream coordinates structure of the Subantarctic Front: Temperature, salinity, and absolute velocity. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
14	Computation of Geostrophic Streamfunction, Its Derivatives, and Error Estimates from an Array of CPIES in Drake Passage. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 656-680.	1.3	17
15	Estimates of Eddy Heat Flux Crossing the Antarctic Circumpolar Current from Observations in Drake Passage. <i>Journal of Physical Oceanography</i> , 2016, 46, 2103-2122.	1.7	15
16	Seafloor Geodetic Pressure Measurements to Detect Shallow Slow Slip Events: Methods to Remove Contributions From Ocean Water. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020065.	3.4	11
17	Synoptic maps of temperature and velocity within the Subantarctic Front south of Australia. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	10
18	Four Current Meter Models Compared in Strong Currents in Drake Passage. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2465-2477.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Bottom Temperatures in Drake Passage. <i>Journal of Physical Oceanography</i> , 2017, 47, 101-122.	1.7	3