

# Thomas B Sanford

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,997  
citations

361413

20  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stalling and Dissipation of a Near-Inertial Wave (NIW) in an Anticyclonic Ocean Eddy: Direct Determination of Group Velocity and Comparison With Theory. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016742.	2.6	7
2	Small-Scale Potential Vorticity in the Upper-Ocean Thermocline. <i>Journal of Physical Oceanography</i> , 2019, 49, 1845-1872.	1.7	16
3	Scaling of Drag Coefficients Under Five Tropical Cyclones. <i>Geophysical Research Letters</i> , 2019, 46, 3349-3358.	4.0	21
4	Downstream evolution of the Kuroshio's time-varying transport and velocity structure. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3519-3542.	2.6	28
5	Eddy-Kuroshio interaction processes revealed by mooring observations off Taiwan and Luzon. <i>Geophysical Research Letters</i> , 2015, 42, 8098-8105.	4.0	37
6	The LatMix Summer Campaign: Submesoscale Stirring in the Upper Ocean. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1257-1279.	3.3	88
7	The Kuroshio and Luzon Undercurrent East of Luzon Island. <i>Oceanography</i> , 2015, 28, 54-63.	1.0	41
8	Mean Structure and Variability of the Kuroshio from Northeastern Taiwan to Southwestern Japan. <i>Oceanography</i> , 2015, 28, 84-95.	1.0	55
9	Impact of Typhoons on the Ocean in the Pacific. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1405-1418.	3.3	129
10	Spatial structure of thermocline and abyssal internal waves in the Sargasso Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 85, 195-209.	1.4	5
11	Observations of the cold wake of Typhoon Fanapi (2010). <i>Geophysical Research Letters</i> , 2013, 40, 316-321.	4.0	40
12	Upper-Ocean Response to Hurricane Frances (2004) Observed by Profiling EM-APEX Floats*. <i>Journal of Physical Oceanography</i> , 2011, 41, 1041-1056.	1.7	184
13	Heat and turbulent kinetic energy budgets for surface layer cooling induced by the passage of Hurricane Frances (2004). <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	68
14	Highly resolved observations and simulations of the ocean response to a hurricane. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	116
15	Cold wake of Hurricane Frances. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	142
16	Internal Tides and Turbulence along the 3000-m Isobath of the Hawaiian Ridge. <i>Journal of Physical Oceanography</i> , 2006, 36, 1165-1183.	1.7	91
17	Structure and variability of the Denmark Strait Overflow: Model and observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	90
18	Synoptic sections of the Denmark Strait Overflow. <i>Geophysical Research Letters</i> , 2001, 28, 1619-1622.	4.0	94

#	ARTICLE	IF	CITATIONS
19	Electromagnetic forces on the earth's core due to the poleward transport of heat in the oceans. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1998, 88, 115-129.	1.2	2
20	The Depth Dependence of Shear Finestructure off Point Arena and near Pioneer Seamount. <i>Journal of Physical Oceanography</i> , 1992, 22, 29-41.	1.7	14
21	Observations of Near-Inertial Waves in a Front. <i>Journal of Physical Oceanography</i> , 1984, 14, 566-581.	1.7	109
22	A velocity profiler based on the principles of geomagnetic induction. <i>Deep-sea Research</i> , 1978, 25, 183-210.	0.5	68
23	A Study of Velocity Profiles Through the Main Thermocline. <i>Journal of Physical Oceanography</i> , 1976, 6, 766-774.	1.7	28
24	Vertical energy propagation of inertial waves: A vector spectral analysis of velocity profiles. <i>Journal of Geophysical Research</i> , 1975, 80, 1975-1978.	3.3	263
25	Observations of the vertical structure of internal waves. <i>Journal of Geophysical Research</i> , 1975, 80, 3861-3871.	3.3	52
26	Motionally induced electric and magnetic fields in the sea. <i>Journal of Geophysical Research</i> , 1971, 76, 3476-3492.	3.3	209