

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	Vertical energy propagation of inertial waves: A vector spectral analysis of velocity profiles. Journal of Geophysical Research, 1975, 80, 1975-1978.	3.3	263
2	Motionally induced electric and magnetic fields in the sea. Journal of Geophysical Research, 1971, 76, 3476-3492.	3.3	209
3	Upper-Ocean Response to Hurricane Frances (2004) Observed by Profiling EM-APEX Floats*. Journal of Physical Oceanography, 2011, 41, 1041-1056.	1.7	184
4	Cold wake of Hurricane Frances. Geophysical Research Letters, 2007, 34, .	4.0	142
5	Impact of Typhoons on the Ocean in the Pacific. Bulletin of the American Meteorological Society, 2014, 95, 1405-1418.	3.3	129
6	Highly resolved observations and simulations of the ocean response to a hurricane. Geophysical Research Letters, 2007, 34, .	4.0	116
7	Observations of Near-Inertial Waves in a Front. Journal of Physical Oceanography, 1984, 14, 566-581.	1.7	109
8	Synoptic sections of the Denmark Strait Overflow. Geophysical Research Letters, 2001, 28, 1619-1622.	4.0	94
9	Internal Tides and Turbulence along the 3000-m Isobath of the Hawaiian Ridge. Journal of Physical Oceanography, 2006, 36, 1165-1183.	1.7	91
10	Structure and variability of the Denmark Strait Overflow: Model and observations. Journal of Geophysical Research, 2003, 108, .	3.3	90
11	The LatMix Summer Campaign: Submesoscale Stirring in the Upper Ocean. Bulletin of the American Meteorological Society, 2015, 96, 1257-1279.	3.3	88
12	A velocity profiler based on the principles of geomagnetic induction. Deep-sea Research, 1978, 25, 183-210.	0.5	68
13	Heat and turbulent kinetic energy budgets for surface layer cooling induced by the passage of Hurricane Frances (2004). Journal of Geophysical Research, 2009, 114, .	3.3	68
14	Mean Structure and Variability of the Kuroshio from Northeastern Taiwan to Southwestern Japan. Oceanography, 2015, 28, 84-95.	1.0	55
15	Observations of the vertical structure of internal waves. Journal of Geophysical Research, 1975, 80, 3861-3871.	3.3	52
16	The Kuroshio and Luzon Undercurrent East of Luzon Island. Oceanography, 2015, 28, 54-63.	1.0	41
17	Observations of the cold wake of Typhoon Fanapi (2010). Geophysical Research Letters, 2013, 40, 316-321.	4.0	40
18	Eddy-Kuroshio interaction processes revealed by mooring observations off Taiwan and Luzon. Geophysical Research Letters, 2015, 42, 8098-8105.	4.0	37

#	ARTICLE	IF	CITATIONS
19	A Study of Velocity Profiles Through the Main Thermocline. <i>Journal of Physical Oceanography</i> , 1976, 6, 766-774.	1.7	28
20	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
21	Scaling of Drag Coefficients Under Five Tropical Cyclones. <i>Geophysical Research Letters</i> , 2019, 46, 3349-3358.	4.0	21
22	Small-Scale Potential Vorticity in the Upper-Ocean Thermocline. <i>Journal of Physical Oceanography</i> , 2019, 49, 1845-1872.	1.7	16
23	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
24	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
25	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
26	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