Ralph F Milliff

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11728706/publications.pdf

Version: 2024-02-01

28 papers	2,082 citations	516710 16 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	2201 citing authors

#	Article	IF	Citations
1	Satellite Measurements Reveal Persistent Small-Scale Features in Ocean Winds. Science, 2004, 303, 978-983.	12.6	754
2	Spatiotemporal Hierarchical Bayesian Modeling Tropical Ocean Surface Winds. Journal of the American Statistical Association, 2001, 96, 382-397.	3.1	283
3	Deep convection in the Irminger Sea forced by the Greenland tip jet. Nature, 2003, 424, 152-156.	27.8	226
4	Wind Stress Curl and Wind Stress Divergence Biases from Rain Effects on QSCAT Surface Wind Retrievals. Journal of Atmospheric and Oceanic Technology, 2004, 21, 1216-1231.	1.3	149
5	Basin-Scale, High-Wavenumber Sea Surface Wind Fields from a Multiresolution Analysis of Scatterometer Data. Journal of Atmospheric and Oceanic Technology, 1998, 15, 741-763.	1.3	110
6	Ocean general circulation model sensitivity to forcing from scatterometer winds. Journal of Geophysical Research, 1999, 104, 11337-11358.	3.3	106
7	Bayesian hierarchical modeling of air-sea interaction. Journal of Geophysical Research, 2003, 108, .	3.3	68
8	The Global Distribution of the Time-Average Wind Stress Curl from NSCAT. Journals of the Atmospheric Sciences, 2001, 58, 109-131.	1.7	57
9	The Evolution of Boundary Pressure in Ocean Basins. Journal of Physical Oceanography, 1994, 24, 1317-1338.	1.7	36
10	The General Circulation Responses of High-Resolution North Atlantic Ocean Models to Synthetic Scatterometer Winds. Journal of Physical Oceanography, 1996, 26, 1747-1768.	1.7	36
11	Ocean ensemble forecasting. Part I: Ensemble Mediterranean winds from a Bayesian hierarchical model. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 858-878.	2.7	36
12	Surface Wind Variability on Spatial Scales from 1 to 1000 km Observed during TOGA COARE. Journals of the Atmospheric Sciences, 1999, 56, 2222-2231.	1.7	35
13	Hierarchical Bayesian Approach to Boundary Value Problems with Stochastic Boundary Conditions. Monthly Weather Review, 2003, 131, 1051-1062.	1.4	31
14	Structure and Dynamics of the Rhodes Gyre System and Dynamical Interpolation for Estimates of the Mesoscale Variability. Journal of Physical Oceanography, 1992, 22, 317-337.	1.7	29
15	Ocean ensemble forecasting. Part II: Mediterranean Forecast System response. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 879-893.	2.7	20
16	Modern Statistical Methods in Oceanography: A Hierarchical Perspective. Statistical Science, 2013, 28, .	2.8	19
17	Stochastic Forcing of the North Atlantic Wind-Driven Ocean Circulation. Part I: A Diagnostic Analysis of the Ocean Response to Stochastic Forcing. Journal of Physical Oceanography, 2006, 36, 300-315.	1.7	16
18	A note on consistent quasi-geostrophic boundary conditions in partially open, simply and multiply connected domains. Dynamics of Atmospheres and Oceans, 1989, 14, 65-76.	1.8	14

#	Article	IF	Citations
19	A modified capacitance matrix method to implement coastal boundaries in the Harvard Open Ocean Model. Mathematics and Computers in Simulation, 1990, 31, 541-564.	4.4	12
20	Winds from a Bayesian Hierarchical Model: Computation for Atmosphere-Ocean Research. Journal of Computational and Graphical Statistics, 2003, 12, 781-807.	1.7	11
21	Stochastic Forcing of Ocean Variability by the North Atlantic Oscillation. Journal of Physical Oceanography, 2009, 39, 162-184.	1.7	9
22	Fast, eastward-moving disturbances in the surface winds of the equatorial Pacific. Tellus, Series A: Dynamic Meteorology and Oceanography, 1998, 50, 26-41.	1.7	7
23	Stochastic Forcing of the North Atlantic Wind-Driven Ocean Circulation. Part II: An Analysis of the Dynamical Ocean Response Using Generalized Stability Theory. Journal of Physical Oceanography, 2006, 36, 316-334.	1.7	5
24	Assimilation of oceanographic observations with estimates of vertical backgroundâ€error covariances by a Bayesian hierarchical model. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 182-194.	2.7	4
25	THE SIGNIFICANCE OF POTENTIAL-DENSITY REGRESSIONS. Professional Geographer, 1981, 33, 341-349.	1.8	3
26	QuikSCAT Impacts on Coastal Forecasts and Warnings: Operational Utility of Satellite Ocean Surface Vector Wind Data. Weather and Forecasting, 2008, 23, 878-890.	1.4	3
27	Scatterometer winds composited according to the phase of tropical intraseasonal oscillations. Tellus, Series A: Dynamic Meteorology and Oceanography, 1999, 51, 263-272.	1.7	2
28	Scatterometer winds composited according to the phase of tropical intraseasonal oscillations. Tellus, Series A: Dynamic Meteorology and Oceanography, 1999, 51, 263-272.	1.7	1