

Ralph F Milliff

List of Publications by Year in descending order

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28
papers

2,082
citations

516710

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501196

28
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all docs

28
docs citations

28
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Assimilation of oceanographic observations with estimates of vertical background error covariances by a Bayesian hierarchical model. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 182-194.	2.7	4
2	Modern Statistical Methods in Oceanography: A Hierarchical Perspective. Statistical Science, 2013, 28, .	2.8	19
3	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
4	Ocean ensemble forecasting. Part II: Mediterranean Forecast System response. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 879-893.	2.7	20
5	Stochastic Forcing of Ocean Variability by the North Atlantic Oscillation. Journal of Physical Oceanography, 2009, 39, 162-184.	1.7	9
6	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
7	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
8	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
9	Satellite Measurements Reveal Persistent Small-Scale Features in Ocean Winds. Science, 2004, 303, 978-983.	12.6	754
10	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
11	Deep convection in the Irminger Sea forced by the Greenland tip jet. Nature, 2003, 424, 152-156.	27.8	226
12	Bayesian hierarchical modeling of air-sea interaction. Journal of Geophysical Research, 2003, 108, .	3.3	68
13	Winds from a Bayesian Hierarchical Model: Computation for Atmosphere-Ocean Research. Journal of Computational and Graphical Statistics, 2003, 12, 781-807.	1.7	11
14	Hierarchical Bayesian Approach to Boundary Value Problems with Stochastic Boundary Conditions. Monthly Weather Review, 2003, 131, 1051-1062.	1.4	31
15	Spatiotemporal Hierarchical Bayesian Modeling Tropical Ocean Surface Winds. Journal of the American Statistical Association, 2001, 96, 382-397.	3.1	283
16	The Global Distribution of the Time-Average Wind Stress Curl from NSCAT. Journals of the Atmospheric Sciences, 2001, 58, 109-131.	1.7	57
17	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
18	Ocean general circulation model sensitivity to forcing from scatterometer winds. Journal of Geophysical Research, 1999, 104, 11337-11358.	3.3	106

#	ARTICLE	IF	CITATIONS
19	Surface Wind Variability on Spatial Scales from 1 to 1000 km Observed during TOGA COARE. <i>Journals of the Atmospheric Sciences</i> , 1999, 56, 2222-2231.	1.7	35
20	Scatterometer winds composited according to the phase of tropical intraseasonal oscillations. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1999, 51, 263-272.	1.7	1
21	Fast, eastward-moving disturbances in the surface winds of the equatorial Pacific. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1998, 50, 26-41.	1.7	7
22	Basin-Scale, High-Wavenumber Sea Surface Wind Fields from a Multiresolution Analysis of Scatterometer Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 1998, 15, 741-763.	1.3	110
23	The General Circulation Responses of High-Resolution North Atlantic Ocean Models to Synthetic Scatterometer Winds. <i>Journal of Physical Oceanography</i> , 1996, 26, 1747-1768.	1.7	36
24	The Evolution of Boundary Pressure in Ocean Basins. <i>Journal of Physical Oceanography</i> , 1994, 24, 1317-1338.	1.7	36
25	Structure and Dynamics of the Rhodes Gyre System and Dynamical Interpolation for Estimates of the Mesoscale Variability. <i>Journal of Physical Oceanography</i> , 1992, 22, 317-337.	1.7	29
26	A modified capacitance matrix method to implement coastal boundaries in the Harvard Open Ocean Model. <i>Mathematics and Computers in Simulation</i> , 1990, 31, 541-564.	4.4	12
27	A note on consistent quasi-geostrophic boundary conditions in partially open, simply and multiply connected domains. <i>Dynamics of Atmospheres and Oceans</i> , 1989, 14, 65-76.	1.8	14
28	THE SIGNIFICANCE OF POTENTIAL-DENSITY REGRESSIONS. <i>Professional Geographer</i> , 1981, 33, 341-349.	1.8	3