

Michelle L'Heureux

List of Publications by Year in descending order

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46
papers

3,545
citations

218677

26
h-index

223800

46
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48
all docs

48
docs citations

48
times ranked

4142
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Challenges From Errors in Tropical Pacific Sea Surface Temperature Trends. <i>Frontiers in Climate</i> , 2022, 4, .	2.8	11
2	A Decade of the North American Multimodel Ensemble (NMME): Research, Application, and Future Directions. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E973-E995.	3.3	24
3	Defining El Niño indices in a warming climate. <i>Environmental Research Letters</i> , 2021, 16, 044003.	5.2	44
4	Sources of Subseasonal Skill and Predictability in Wintertime California Precipitation Forecasts. <i>Weather and Forecasting</i> , 2021, 36, 1815-1826.	1.4	7
5	The Tropics. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S199-S262.	3.3	1
6	The relative roles of decadal climate variations and changes in the ocean observing system on seasonal prediction skill of tropical Pacific SST. <i>Climate Dynamics</i> , 2021, 56, 3045-3063.	3.8	6
7	Low-dimensional representations of Niño 3.4 evolution and the spring persistence barrier. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	16
8	How Significant Was the 1877/78 El Niño?. <i>Journal of Climate</i> , 2020, 33, 4853-4869.	3.2	15
9	The Interdecadal Shift of ENSO Properties in 1999/2000: A Review. <i>Journal of Climate</i> , 2020, 33, 4441-4462.	3.2	71
10	Excessive Momentum and False Alarms in Late-Spring ENSO Forecasts. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087008.	4.0	9
11	The Tropics. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S185-S238.	3.3	4
12	On the Delayed Coupling Between Ocean and Atmosphere in Recent Weak El Niño Episodes. <i>Geophysical Research Letters</i> , 2019, 46, 11416-11425.	4.0	15
13	How Tropical Pacific Surface Cooling Contributed to Accelerated Sea Ice Melt from 2007 to 2012 as Ice Is Thinned by Anthropogenic Forcing. <i>Journal of Climate</i> , 2019, 32, 8583-8602.	3.2	41
14	Strength Outlooks for the El Niño-Southern Oscillation. <i>Weather and Forecasting</i> , 2019, 34, 165-175.	1.4	10
15	Fingerprints of internal drivers of Arctic sea ice loss in observations and model simulations. <i>Nature Geoscience</i> , 2019, 12, 28-33.	12.9	121
16	Skill of Seasonal Arctic Sea Ice Extent Predictions Using the North American Multimodel Ensemble. <i>Journal of Climate</i> , 2019, 32, 623-638.	3.2	10
17	Deterministic skill of ENSO predictions from the North American Multimodel Ensemble. <i>Climate Dynamics</i> , 2019, 53, 7215-7234.	3.8	120
18	Assessing probabilistic predictions of ENSO phase and intensity from the North American Multimodel Ensemble. <i>Climate Dynamics</i> , 2019, 53, 7497-7518.	3.8	35

#	ARTICLE	IF	CITATIONS
19	Sources of Bias in the Monthly CFSv2 Forecast Climatology. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 1111-1122.	1.5	4
20	The Predictors and Forecast Skill of Northern Hemisphere Teleconnection Patterns for Lead Times of 3-4 Weeks. <i>Monthly Weather Review</i> , 2017, 145, 2855-2877.	1.4	35
21	Influence of high-latitude atmospheric circulation changes on summertime Arctic sea ice. <i>Nature Climate Change</i> , 2017, 7, 289-295.	18.8	290
22	Reply to "Comment on "Characterizing ENSO Coupled Variability and Its Impact on North American Seasonal Precipitation and Temperature". <i>Journal of Climate</i> , 2017, 30, 437-441.	3.2	3
23	Strong Relations Between ENSO and the Arctic Oscillation in the North American Multimodel Ensemble. <i>Geophysical Research Letters</i> , 2017, 44, 11,654.	4.0	20
24	Observing and Predicting the 2015/16 El Niño. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 1363-1382.	3.3	253
25	Predictable Components of ENSO Evolution in Real-time Multi-Model Predictions. <i>Scientific Reports</i> , 2016, 6, 35909.	3.3	33
26	Ranking the strongest ENSO events while incorporating SST uncertainty. <i>Geophysical Research Letters</i> , 2016, 43, 9165-9172.	4.0	84
27	Characterizing ENSO Coupled Variability and Its Impact on North American Seasonal Precipitation and Temperature*. <i>Journal of Climate</i> , 2015, 28, 4231-4245.	3.2	59
28	Skillful Wintertime North American Temperature Forecasts out to 4 Weeks Based on the State of ENSO and the MJO*. <i>Weather and Forecasting</i> , 2014, 29, 23-38.	1.4	79
29	The impact of the MJO on clusters of wintertime circulation anomalies over the North American region. <i>Climate Dynamics</i> , 2013, 40, 1749-1766.	3.8	124
30	Linear trends in sea surface temperature of the tropical Pacific Ocean and implications for the El Niño-Southern Oscillation. <i>Climate Dynamics</i> , 2013, 40, 1223-1236.	3.8	93
31	Recent multidecadal strengthening of the Walker circulation across the tropical Pacific. <i>Nature Climate Change</i> , 2013, 3, 571-576.	18.8	233
32	Weakened Interannual Variability in the Tropical Pacific Ocean since 2000. <i>Journal of Climate</i> , 2013, 26, 2601-2613.	3.2	132
33	Why Did Large Differences Arise in the Sea Surface Temperature Datasets across the Tropical Pacific during 2012?. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2944-2953.	1.3	27
34	Are Greenhouse Gases Changing ENSO Precursors in the Western North Pacific?*. <i>Journal of Climate</i> , 2013, 26, 6309-6322.	3.2	48
35	Skill of Real-Time Seasonal ENSO Model Predictions During 2002-11: Is Our Capability Increasing?. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, ES48-ES50.	3.3	19
36	Skill of Real-Time Seasonal ENSO Model Predictions during 2002-11: Is Our Capability Increasing?. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 631-651.	3.3	513

#	ARTICLE	IF	CITATIONS
37	ENSO prediction one year in advance using western North Pacific sea surface temperatures. Geophysical Research Letters, 2012, 39, .	4.0	57
38	Correction to "Are tropical SST trends changing the global teleconnection during La Niña?". Geophysical Research Letters, 2012, 39, .	4.0	0
39	A composite study of the MJO influence on the surface air temperature and precipitation over the Continental United States. Climate Dynamics, 2012, 38, 1459-1471.	3.8	106
40	Unusual extremes in the negative phase of the Arctic Oscillation during 2009. Geophysical Research Letters, 2010, 37, .	4.0	45
41	Are tropical SST trends changing the global teleconnection during La Niña?. Geophysical Research Letters, 2010, 37, .	4.0	52
42	Role of the Pacific-North American (PNA) pattern in the 2007 Arctic sea ice decline. Geophysical Research Letters, 2008, 35, .	4.0	98
43	An Assessment of Errors in the Simulation of Atmospheric Interannual Variability in Uncoupled AGCM Simulations. Journal of Climate, 2008, 21, 2204-2217.	3.2	11
44	Boreal Winter Links between the Madden-Julian Oscillation and the Arctic Oscillation. Journal of Climate, 2008, 21, 3040-3050.	3.2	131
45	Observed Relationships between the El Niño-Southern Oscillation and the Extratropical Zonal-Mean Circulation. Journal of Climate, 2006, 19, 276-287.	3.2	383
46	Atmospheric circulation influences on seasonal precipitation patterns in Alaska during the latter 20th century. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	27