

Andrew Robertson

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

6,501
citations

94381

37
h-index

85498

71
g-index

78
all docs

78
docs citations

78
times ranked

5964
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced spectral methods for climatic time series. <i>Reviews of Geophysics</i> , 2002, 40, 3-1.	9.0	1,695
2	The Subseasonal to Seasonal (S2S) Prediction Project Database. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 163-173.	1.7	617
3	Cluster Analysis of Typhoon Tracks. Part II: Large-Scale Circulation and ENSO. <i>Journal of Climate</i> , 2007, 20, 3654-3676.	1.2	261
4	Cluster Analysis of Typhoon Tracks. Part I: General Properties. <i>Journal of Climate</i> , 2007, 20, 3635-3653.	1.2	260
5	Downscaling of Daily Rainfall Occurrence over Northeast Brazil Using a Hidden Markov Model. <i>Journal of Climate</i> , 2004, 17, 4407-4424.	1.2	162
6	"Waves" vs. "particles" in the atmosphere's phase space: A pathway to long-range forecasting?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2493-2500.	3.3	154
7	The Subseasonal Experiment (SubX): A Multimodel Subseasonal Prediction Experiment. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2043-2060.	1.7	153
8	Will climate change exacerbate water stress in Central Asia?. <i>Climatic Change</i> , 2012, 112, 881-899.	1.7	151
9	Distinguishing modulated oscillations from coloured noise in multivariate datasets. <i>Climate Dynamics</i> , 1996, 12, 775-784.	1.7	148
10	Interactions among ENSO, the Monsoon, and Diurnal Cycle in Rainfall Variability over Java, Indonesia. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3509-3524.	0.6	141
11	Probabilistic clustering of extratropical cyclones using regression mixture models. <i>Climate Dynamics</i> , 2007, 29, 423-440.	1.7	138
12	Large-Scale Weather Regimes and Local Climate over the Western United States. <i>Journal of Climate</i> , 1999, 12, 1796-1813.	1.2	134
13	Improved Combination of Multiple Atmospheric GCM Ensembles for Seasonal Prediction. <i>Monthly Weather Review</i> , 2004, 132, 2732-2744.	0.5	130
14	Windows of Opportunity for Skillful Forecasts Subseasonal to Seasonal and Beyond. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E608-E625.	1.7	124
15	Clustering of eastern North Pacific tropical cyclone tracks: ENSO and MJO effects. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	116
16	Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007, 20, 5244-5263.	1.2	95
17	Evaluation of Submonthly Precipitation Forecast Skill from Global Ensemble Prediction Systems. <i>Monthly Weather Review</i> , 2015, 143, 2871-2889.	0.5	95
18	Spatial Coherence and Seasonal Predictability of Monsoon Onset over Indonesia. <i>Journal of Climate</i> , 2009, 22, 840-850.	1.2	89

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19	Diurnal Cycle in Different Weather Regimes and Rainfall Variability over Borneo Associated with ENSO. <i>Journal of Climate</i> , 2013, 26, 1772-1790.	1.2	78
20	Seasonal Predictability and Spatial Coherence of Rainfall Characteristics in the Tropical Setting of Senegal. <i>Monthly Weather Review</i> , 2006, 134, 3248-3262.	0.5	75
21	Seasonal Predictability of Daily Rainfall Characteristics in Central Northern Chile for Dry-Land Management. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 1938-1955.	0.6	75
22	Multimodel Ensembling of Subseasonal Precipitation Forecasts over North America. <i>Monthly Weather Review</i> , 2017, 145, 3913-3928.	0.5	71
23	Weather Types and Rainfall over Senegal. Part I: Observational Analysis. <i>Journal of Climate</i> , 2008, 21, 266-287.	1.2	65
24	Local versus regional-scale characteristics of monsoon onset and post-onset rainfall over Indonesia. <i>Climate Dynamics</i> , 2010, 34, 281-299.	1.7	65
25	Seasonal predictability of daily rainfall statistics over Indramayu district, Indonesia. <i>International Journal of Climatology</i> , 2009, 29, 1449-1462.	1.5	61
26	Subseasonal-to-interdecadal variability of the Australian monsoon over North Queensland. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 519-542.	1.0	52
27	Weather types across the Maritime Continent: from the diurnal cycle to interannual variations. <i>Frontiers in Environmental Science</i> , 2015, 2, .	1.5	52
28	THE MARITIME CONTINENT MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 85-98.	0.2	51
29	Estimation of Seasonal Precipitation Tercile-Based Categorical Probabilities from Ensembles. <i>Journal of Climate</i> , 2007, 20, 2210-2228.	1.2	50
30	Circulation Regimes and Low-Frequency Oscillations in the South Pacific Sector. <i>Monthly Weather Review</i> , 2003, 131, 1566-1576.	0.5	49
31	Graphical models for statistical inference and data assimilation. <i>Physica D: Nonlinear Phenomena</i> , 2007, 230, 72-87.	1.3	45
32	Advances in the Application and Utility of Subseasonal-to-Seasonal Predictions. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1448-E1472.	1.7	45
33	Predictability of Recurrent Weather Regimes over North America during Winter from Submonthly Reforecasts. <i>Monthly Weather Review</i> , 2018, 146, 2559-2577.	0.5	43
34	Subseasonal Predictability of Boreal Summer Monsoon Rainfall from Ensemble Forecasts. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	40
35	Downscaling of Seasonal Precipitation for Crop Simulation. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 677-693.	0.6	39
36	Weather Types and Rainfall over Senegal. Part II: Downscaling of GCM Simulations. <i>Journal of Climate</i> , 2008, 21, 288-307.	1.2	39

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37	Downscaling projections of Indian monsoon rainfall using a non-homogeneous hidden Markov model. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 347-359.	1.0	39
38	Low-order stochastic model and noise forecasting of the Madden-Julian Oscillation. Geophysical Research Letters, 2013, 40, 5305-5310.	1.5	38
39	Cross-Time Scale Interactions and Rainfall Extreme Events in Southeastern South America for the Austral Summer. Part I: Potential Predictors. Journal of Climate, 2015, 28, 7894-7913.	1.2	38
40	Bayesian nonhomogeneous Markov models via P^3 -Gamma data augmentation with applications to rainfall modeling. Annals of Applied Statistics, 2017, 11, .	0.5	36
41	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. Climate Dynamics, 2012, 38, 2409-2435.	1.7	35
42	Probabilistic Skill of Subseasonal Precipitation Forecasts for the East Africa-West Asia Sector during September-May. Weather and Forecasting, 2018, 33, 1513-1532.	0.5	35
43	Subseasonal to Seasonal Prediction of Weather to Climate with Application to Tropical Cyclones. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2018JD029375.	1.2	31
44	Analysis of Intraseasonal and Interannual Variability of the Asian Summer Monsoon Using a Hidden Markov Model. Journal of Climate, 2010, 23, 5498-5516.	1.2	30
45	Multiple regimes and low-frequency oscillations in the Southern Hemisphere's zonal-mean flow. Journal of Geophysical Research, 2002, 107, ACL 14-1-ACL 14-13.	3.3	28
46	Seasonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of the NCMRWF global model products. International Journal of Climatology, 2013, 33, 1601-1614.	1.5	28
47	A Weather-Type-Based Cross-Time-Scale Diagnostic Framework for Coupled Circulation Models. Journal of Climate, 2017, 30, 8951-8972.	1.2	28
48	A role for tropical tropospheric temperature adjustment to El Niño-Southern Oscillation in the seasonality of monsoonal Indonesia precipitation predictability. Journal of Geophysical Research, 2007, 112, .	3.3	27
49	Analysis of Indian monsoon daily rainfall on subseasonal to multidecadal time scales using a hidden Markov model. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 875-887.	1.0	27
50	The International Research Institute for Climate & Society: why, what and how. Earth Perspectives -- Transdisciplinarity Enabled, 2014, 1, 10.	1.4	27
51	A Bayesian Hidden Markov Model of Daily Precipitation over South and East Asia. Journal of Hydrometeorology, 2016, 17, 3-25.	0.7	27
52	Multiple Regimes and Low-Frequency Oscillations in the Northern Hemisphere's Zonal-Mean Flow. Journals of the Atmospheric Sciences, 2006, 63, 840-860.	0.6	26
53	Bimodal Behavior in the Zonal Mean Flow of a Baroclinic \hat{I}^2 -Channel Model. Journals of the Atmospheric Sciences, 2005, 62, 1746-1769.	0.6	25
54	Convection regimes and tropical-midlatitude interactions over the Intra-Americas Seas from May to November. International Journal of Climatology, 2017, 37, 987-1000.	1.5	25

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55	mountain torques and atmospheric oscillations. <i>Geophysical Research Letters</i> , 2001, 28, 1207-1210.	1.5	24
56	Extracting Subseasonal Scenarios: An Alternative Method to Analyze Seasonal Predictability of Regional-Scale Tropical Rainfall. <i>Journal of Climate</i> , 2013, 26, 2580-2600.	1.2	24
57	Transient-Eddy Feedbacks Derived from Linear Theory and Observations. <i>Journals of the Atmospheric Sciences</i> , 1990, 47, 2743-2764.	0.6	23
58	Cross-Time Scale Interactions and Rainfall Extreme Events in Southeastern South America for the Austral Summer. Part II: Predictive Skill. <i>Journal of Climate</i> , 2016, 29, 5915-5934.	1.2	23
59	Mountain Torques and Northern Hemisphere Low-Frequency Variability. Part II: Regional Aspects. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 1272-1283.	0.6	21
60	Downscaling of Seasonal Rainfall over the Philippines: Dynamical versus Statistical Approaches. <i>Monthly Weather Review</i> , 2012, 140, 1204-1218.	0.5	18
61	Probabilistic seasonal streamflow forecasts of the Citarum River, Indonesia, based on general circulation models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 1747-1758.	1.9	18
62	Subseasonal Forecasts of the 2018 Indian Summer Monsoon Over Bihar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13861-13875.	1.2	16
63	Modeling winter rainfall in Northwest India using a hidden Markov model: understanding occurrence of different states and their dynamical connections. <i>Climate Dynamics</i> , 2015, 44, 1003-1015.	1.7	15
64	Low-Frequency Variability in a Baroclinic Channel with Land-Sea Contrast*. <i>Journals of the Atmospheric Sciences</i> , 2003, 60, 2267-2293.	0.6	14
65	Climate risk management for water in semi-arid regions. <i>Earth Perspectives – Transdisciplinarity Enabled</i> , 2014, 1, 12.	1.4	14
66	Scenario development for estimating potential climate change impacts on crop production in the North China Plain. <i>International Journal of Climatology</i> , 2013, 33, 3124-3140.	1.5	13
67	Deterministic Skill of Subseasonal Precipitation Forecasts for the East Africa-West Asia Sector from September to May. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11887-11896.	1.2	12
68	Introduction: Why Sub-seasonal to Seasonal Prediction (S2S)? , 2019, , 3-15.		12
69	Interannual Variability in North Atlantic Weather: Data Analysis and a Quasigeostrophic Model. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3227-3248.	0.6	10
70	Subseasonal-to-interannual variability of rainfall over New Caledonia (SW Pacific). <i>Climate Dynamics</i> , 2016, 46, 2449-2468.	1.7	8
71	Extratropical Sub-seasonal to Seasonal Oscillations and Multiple Regimes: The Dynamical Systems View. , 2019, , 119-142.		8
72	The role of targeted climate research at the IRI. <i>Earth Perspectives – Transdisciplinarity Enabled</i> , 2014, 1, 18.	1.4	5

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73	Weather Within Climate: Sub-seasonal Predictability of Tropical Daily Rainfall Characteristics. , 2019, , 47-64.		5
74	A Bayesian Multivariate Nonhomogeneous Markov Model. , 2015, , 61-69.		4
75	The Madden-Julian Oscillation Affects Maize Yields Throughout the Tropics and Subtropics. Geophysical Research Letters, 2020, 47, e2020GL087004.	1.5	3
76	Basin Interactions and Predictability. , 2020, , 258-292.		3
77	Les interactions dâ€™échelle au sein du système climatique : lâ€™exemple de lâ€™impact des phases chaudes de lâ€™El Niño Oscillation Australe en Indonésie. Climatologie, 2011, 8, 43-57.	0.2	0