

Andrew Robertson

List of Publications by Citations

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77
papers

4,973
citations

33
h-index

70
g-index

78
ext. papers

5,727
ext. citations

4.1
avg, IF

5.46
L-index

#	Paper	IF	Citations
77	ADVANCED SPECTRAL METHODS FOR CLIMATIC TIME SERIES. <i>Reviews of Geophysics</i> , 2002 , 40, 3-1	23.1	1401
76	The Subseasonal to Seasonal (S2S) Prediction Project Database. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 163-173	6.1	394
75	Cluster Analysis of Typhoon Tracks. Part II: Large-Scale Circulation and ENSO. <i>Journal of Climate</i> , 2007 , 20, 3654-3676	4.4	211
74	Cluster Analysis of Typhoon Tracks. Part I: General Properties. <i>Journal of Climate</i> , 2007 , 20, 3635-3653	4.4	205
73	Downscaling of Daily Rainfall Occurrence over Northeast Brazil Using a Hidden Markov Model. <i>Journal of Climate</i> , 2004 , 17, 4407-4424	4.4	139
72	Will climate change exacerbate water stress in Central Asia?. <i>Climatic Change</i> , 2012 , 112, 881-899	4.5	126
71	"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 Suppl 1, 2493-5005	11.5	125
70	Probabilistic clustering of extratropical cyclones using regression mixture models. <i>Climate Dynamics</i> , 2007 , 29, 423-440	4.2	119
69	Improved Combination of Multiple Atmospheric GCM Ensembles for Seasonal Prediction. <i>Monthly Weather Review</i> , 2004 , 132, 2732-2744	2.4	119
68	Distinguishing modulated oscillations from coloured noise in multivariate datasets. <i>Climate Dynamics</i> , 1996 , 12, 775-784	4.2	112
67	Large-Scale Weather Regimes and Local Climate over the Western United States. <i>Journal of Climate</i> , 1999 , 12, 1796-1813	4.4	108
66	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	2.1	105
65	Clustering of eastern North Pacific tropical cyclone tracks: ENSO and MJO effects. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	99
64	Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007 , 20, 5244-5263	4.4	85
63	The Subseasonal Experiment (SubX): A Multimodel Subseasonal Prediction Experiment. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 2043-2060	6.1	72
62	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	2.7	67
61	Evaluation of Submonthly Precipitation Forecast Skill from Global Ensemble Prediction Systems. <i>Monthly Weather Review</i> , 2015 , 143, 2871-2889	2.4	65

60	Spatial Coherence and Seasonal Predictability of Monsoon Onset over Indonesia. <i>Journal of Climate</i> , 2009 , 22, 840-850	4.4	62
59	Seasonal Predictability and Spatial Coherence of Rainfall Characteristics in the Tropical Setting of Senegal. <i>Monthly Weather Review</i> , 2006 , 134, 3248-3262	2.4	60
58	Diurnal Cycle in Different Weather Regimes and Rainfall Variability over Borneo Associated with ENSO. <i>Journal of Climate</i> , 2013 , 26, 1772-1790	4.4	57
57	Weather Types and Rainfall over Senegal. Part I: Observational Analysis. <i>Journal of Climate</i> , 2008 , 21, 266-287	4.4	53
56	Local versus regional-scale characteristics of monsoon onset and post-onset rainfall over Indonesia. <i>Climate Dynamics</i> , 2010 , 34, 281-299	4.2	52
55	Seasonal predictability of daily rainfall statistics over Indramayu district, Indonesia. <i>International Journal of Climatology</i> , 2009 , 29, 1449-1462	3.5	47
54	Windows of Opportunity for Skillful Forecasts Subseasonal to Seasonal and Beyond. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E608-E625	6.1	46
53	Multimodel Ensembling of Subseasonal Precipitation Forecasts over North America. <i>Monthly Weather Review</i> , 2017 , 145, 3913-3928	2.4	45
52	Subseasonal-to-interdecadal variability of the Australian monsoon over North Queensland. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006 , 132, 519-542	6.4	45
51	Circulation Regimes and Low-Frequency Oscillations in the South Pacific Sector. <i>Monthly Weather Review</i> , 2003 , 131, 1566-1576	2.4	44
50	Estimation of Seasonal Precipitation Tercile-Based Categorical Probabilities from Ensembles. <i>Journal of Climate</i> , 2007 , 20, 2210-2228	4.4	41
49	Graphical models for statistical inference and data assimilation. <i>Physica D: Nonlinear Phenomena</i> , 2007 , 230, 72-87	3.3	38
48	Weather types across the Maritime Continent: from the diurnal cycle to interannual variations. <i>Frontiers in Environmental Science</i> , 2015 , 2,	4.8	37
47	Downscaling projections of Indian monsoon rainfall using a non-homogeneous hidden Markov model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011 , 137, 347-359	6.4	36
46	Low-order stochastic model and fast-noise forecasting of the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2013 , 40, 5305-5310	4.9	33
45	THE MARITIME CONTINENT MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011 , 85-98		33
44	Weather Types and Rainfall over Senegal. Part II: Downscaling of GCM Simulations. <i>Journal of Climate</i> , 2008 , 21, 288-307	4.4	32
43	Downscaling of Seasonal Precipitation for Crop Simulation. <i>Journal of Applied Meteorology and Climatology</i> , 2007 , 46, 677-693	2.7	31

42	Cross-Time Scale Interactions and Rainfall Extreme Events in Southeastern South America for the Austral Summer. Part I: Potential Predictors. <i>Journal of Climate</i> , 2015 , 28, 7894-7913	4.4	30
41	Subseasonal Predictability of Boreal Summer Monsoon Rainfall from Ensemble Forecasts. <i>Frontiers in Environmental Science</i> , 2017 , 5,	4.8	29
40	Analysis of Intraseasonal and Interannual Variability of the Asian Summer Monsoon Using a Hidden Markov Model. <i>Journal of Climate</i> , 2010 , 23, 5498-5516	4.4	28
39	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. <i>Climate Dynamics</i> , 2012 , 38, 2409-2435	4.2	27
38	Predictability of Recurrent Weather Regimes over North America during Winter from Submonthly Reforecasts. <i>Monthly Weather Review</i> , 2018 , 146, 2559-2577	2.4	26
37	Seasonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of the NCMRWF global model products. <i>International Journal of Climatology</i> , 2013 , 33, 1601-1614	3.5	26
36	Analysis of Indian monsoon daily rainfall on subseasonal to multidecadal time-scales using a hidden Markov model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008 , 134, 875-887	6.4	25
35	Multiple Regimes and Low-Frequency Oscillations in the Northern Hemisphere Zonal-Mean Flow. <i>Journals of the Atmospheric Sciences</i> , 2006 , 63, 840-860	2.1	25
34	A role for tropical tropospheric temperature adjustment to El Niño Southern Oscillation in the seasonality of monsoonal Indonesia precipitation predictability. <i>Journal of Geophysical Research</i> , 2007 , 112,		23
33	Bimodal Behavior in the Zonal Mean Flow of a Baroclinic Channel Model. <i>Journals of the Atmospheric Sciences</i> , 2005 , 62, 1746-1769	2.1	23
32	The International Research Institute for Climate & Society: why, what and how. <i>Earth Perspectives -- Transdisciplinarity Enabled</i> , 2014 , 1, 10		22
31	A Weather-Type-Based Cross-Time-Scale Diagnostic Framework for Coupled Circulation Models. <i>Journal of Climate</i> , 2017 , 30, 8951-8972	4.4	21
30	Multiple regimes and low-frequency oscillations in the Southern Hemisphere's zonal-mean flow. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 14-1-ACL 14-13		21
29	Probabilistic Skill of Subseasonal Precipitation Forecasts for the East Africa West Asia Sector during September-May. <i>Weather and Forecasting</i> , 2018 , 33, 1513-1532	2.1	21
28	A Bayesian Hidden Markov Model of Daily Precipitation over South and East Asia. <i>Journal of Hydrometeorology</i> , 2016 , 17, 3-25	3.7	20
27	Extracting Subseasonal Scenarios: An Alternative Method to Analyze Seasonal Predictability of Regional-Scale Tropical Rainfall. <i>Journal of Climate</i> , 2013 , 26, 2580-2600	4.4	20
26	mountain torques and atmospheric oscillations. <i>Geophysical Research Letters</i> , 2001 , 28, 1207-1210	4.9	20
25	Mountain Torques and Northern Hemisphere Low-Frequency Variability.Part II: Regional Aspects. <i>Journals of the Atmospheric Sciences</i> , 2004 , 61, 1272-1283	2.1	18

24	Convection regimes and tropical-midlatitude interactions over the Intra-American Seas from May to November. <i>International Journal of Climatology</i> , 2017 , 37, 987-1000	3.5	17
23	Bayesian nonhomogeneous Markov models via Pólya-Gamma data augmentation with applications to rainfall modeling. <i>Annals of Applied Statistics</i> , 2017 , 11,	2.1	17
22	Transient-Eddy Feedbacks Derived from Linear Theory and Observations. <i>Journals of the Atmospheric Sciences</i> , 1990 , 47, 2743-2764	2.1	17
21	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	4.4	16
20	Downscaling of Seasonal Rainfall over the Philippines: Dynamical versus Statistical Approaches. <i>Monthly Weather Review</i> , 2012 , 140, 1204-1218	2.4	14
19	Subseasonal to Seasonal Prediction of Weather to Climate with Application to Tropical Cyclones. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2018JD029375	4.4	13
18	Low-Frequency Variability in a Baroclinic Channel with Land-Sea Contrast*. <i>Journals of the Atmospheric Sciences</i> , 2003 , 60, 2267-2293	2.1	13
17	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	4.2	12
16	Climate risk management for water in semi-arid regions. <i>Earth Perspectives -- Transdisciplinarity Enabled</i> , 2014 , 1, 12		12
15	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	3.5	12
14	Advances in the application and utility of subseasonal-to-seasonal predictions. <i>Bulletin of the American Meteorological Society</i> , 2021 , 1-57	6.1	9
13	Interannual Variability in North Atlantic Weather: Data Analysis and a Quasigeostrophic Model. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 3227-3248	2.1	8
12	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	3.5	8
11	Subseasonal Forecasts of the 2018 Indian Summer Monsoon Over Bihar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 13861-13875	4.4	7
10	Subseasonal-to-interannual variability of rainfall over New Caledonia (SW Pacific). <i>Climate Dynamics</i> , 2016 , 46, 2449-2468	4.2	5
9	Introduction: Why Sub-seasonal to Seasonal Prediction (S2S)? 2019 , 3-15		5
8	Weather Within Climate: Sub-seasonal Predictability of Tropical Daily Rainfall Characteristics 2019 , 47-64		5
7	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	4.4	4

6	The role of targeted climate research at the IRI. <i>Earth Perspectives -- Transdisciplinarity Enabled</i> , 2014 , 1, 18		3
5	Basin Interactions and Predictability 2020 , 258-292		3
4	Extratropical Sub-seasonal to Seasonal Oscillations and Multiple Regimes: The Dynamical Systems View 2019 , 119-142		3
3	A Bayesian Multivariate Nonhomogeneous Markov Model 2015 , 61-69		1
2	The Madden-Julian Oscillation Affects Maize Yields Throughout the Tropics and Subtropics. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087004	4-9	0
1	Les interactions d'échelle au sein du système climatique : l'exemple de l'impact des phases chaudes de l'El Niño Oscillation Australe en Indonésie. <i>Climatologie</i> , 2011 , 8, 43-57		0.1