

Tim N Stockdale

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,083
citations

236925

25
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

3455
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal Prediction. Bulletin of the American Meteorological Society, 2009, 90, 1467-1486.	3.3	662
2	SEAS5: the new ECMWF seasonal forecast system. Geoscientific Model Development, 2019, 12, 1087-1117.	3.6	331
3	Global seasonal rainfall forecasts using a coupled ocean-atmosphere model. Nature, 1998, 392, 370-373.	27.8	253
4	Coupled Ocean-Atmosphere Forecasts in the Presence of Climate Drift. Monthly Weather Review, 1997, 125, 809-818.	1.4	130
5	ECMWF seasonal forecast system 3 and its prediction of sea surface temperature. Climate Dynamics, 2011, 37, 455-471.	3.8	127
6	Distinguishing the Roles of Natural and Anthropogenically Forced Decadal Climate Variability. Bulletin of the American Meteorological Society, 2011, 92, 141-156.	3.3	125
7	Seasonal Forecasting of Tropical Storms Using Coupled GCM Integrations. Monthly Weather Review, 2001, 129, 2521-2537.	1.4	112
8	Tropical Atlantic SST Prediction with Coupled Ocean-Atmosphere GCMs. Journal of Climate, 2006, 19, 6047-6061.	3.2	106
9	Atmospheric initial conditions and the predictability of the Arctic Oscillation. Geophysical Research Letters, 2015, 42, 1173-1179.	4.0	105
10	Dynamically-based seasonal forecasts of Atlantic tropical storm activity issued in June by EUROSIP. Geophysical Research Letters, 2007, 34, .	4.0	99
11	The Climate-system Historical Forecast Project: do stratosphere-resolving models make better seasonal climate predictions in boreal winter?. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 1413-1427.	2.7	91
12	Did the ECMWF Seasonal Forecast Model Outperform Statistical ENSO Forecast Models over the Last 15 Years?. Journal of Climate, 2005, 18, 3240-3249.	3.2	90
13	Overview of experiment design and comparison of models participating in phase 1 of the SPARC Quasi-Biennial Oscillation initiative (QBOi). Geoscientific Model Development, 2018, 11, 1009-1032.	3.6	81
14	An Ensemble Generation Method for Seasonal Forecasting with an Ocean-Atmosphere Coupled Model. Monthly Weather Review, 2005, 133, 441-453.	1.4	69
15	Ocean modeling for ENSO. Journal of Geophysical Research, 1998, 103, 14325-14355.	3.3	60
16	Evaluation of Atmospheric Fields from the ECMWF Seasonal Forecasts over a 15-Year Period. Journal of Climate, 2005, 18, 3250-3269.	3.2	58
17	Impact of springtime Himalayan-Tibetan Plateau snowpack on the onset of the Indian summer monsoon in coupled seasonal forecasts. Climate Dynamics, 2016, 47, 2709-2725.	3.8	53
18	Two Time Scales for The Price Of One (Almost). Bulletin of the American Meteorological Society, 2012, 93, 621-629.	3.3	47

#	ARTICLE	IF	CITATIONS
19	The Curious Case of the EL Niño That Never Happened: A Perspective from 40 Years of Progress in Climate Research and Forecasting. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1647-1665.	3.3	47
20	Defining El Niño indices in a warming climate. <i>Environmental Research Letters</i> , 2021, 16, 044003.	5.2	44
21	Evaluation of the Quasi-Biennial Oscillation in global climate models for the SPARC QBO initiative. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1459-1489.	2.7	41
22	Warm Pool Physics in a Coupled GCM. <i>Journal of Climate</i> , 1996, 9, 219-239.	3.2	40
23	Understanding and modelling extra-tropical teleconnections with the Indo-Pacific region during the northern winter. <i>Climate Dynamics</i> , 2015, 45, 3119-3140.	3.8	37
24	Response of the Quasi-Biennial Oscillation to a warming climate in global climate models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1490-1518.	2.7	36
25	Toward the Use of Altimetry for Operational Seasonal Forecasting. <i>Journal of Climate</i> , 2000, 13, 3115-3138.	3.2	32
26	How confident are predictability estimates of the winter North Atlantic Oscillation?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 140-159.	2.7	29
27	Initialization of Seasonal Forecasts Assimilating Sea Level and Temperature Observations. <i>Journal of Climate</i> , 2001, 14, 4292-4307.	3.2	23
28	Teleconnections of the Quasi-Biennial Oscillation in a multi-model ensemble of QBO-resolving models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1568-1592.	2.7	23
29	Control of tropical instability waves in the Pacific. <i>Geophysical Research Letters</i> , 1995, 22, 2581-2584.	4.0	20
30	Forecast skill of the Indian monsoon and its onset in the ECMWF seasonal forecasting system 5 (SEAS5). <i>Climate Dynamics</i> , 2021, 56, 2941-2957.	3.8	17
31	The representation of winter Northern Hemisphere atmospheric blocking in ECMWF seasonal prediction systems. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 1344-1363.	2.7	16
32	Prediction of the quasi-biennial oscillation with a multi-model ensemble of QBO-resolving models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1519-1540.	2.7	15
33	An overview of techniques for seasonal forecasting. <i>Stochastic Environmental Research and Risk Assessment</i> , 2000, 14, 0305-0318.	4.0	12
34	Variability of ENSO Forecast Skill in 20-Year Global Reforecasts Over the 20th Century. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	11
35	Modulation of air-sea fluxes by extratropical planetary waves and its impact during the recent surface warming slowdown. <i>Geophysical Research Letters</i> , 2017, 44, 1494-1502.	4.0	8
36	When and where do ECMWF seasonal forecast systems exhibit anomalously low signal-to-noise ratio?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 3466-3478.	2.7	2