Michel D S D S Mesquita

List of Publications by Year
in descending order

33 papers	1,087 citations	516710 16 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	1962 citing authors

#	Article	IF	Citations
1	Centennial relationships between ocean temperature and Atlantic puffin production reveal shifting decennial trends. Global Change Biology, 2021, 27, 3753-3764.	9.5	18
2	Investigating teleconnection patterns associated with the rainy season of the northern northeast Brazil using a hidden Markov model. Climate Dynamics, 2020, 55, 2075-2088.	3.8	4
3	Challenges in Forecasting Water Resources of the Indus River Basin: Lessons From the Analysis and Modeling of Atmospheric and Hydrological Processes. , 2019, , 57-83.		1
4	Spatial synchrony in sub‑arctic geometrid moth outbreaks reflects dispersal in larval and adult life cycle stages. Journal of Animal Ecology, 2019, 88, 1134-1145.	2.8	24
5	Multivariate intraseasonal rainfall index applied to South America. Meteorological Applications, 2019, 26, 521-527.	2.1	6
6	How well does the European Centre for Medium‑Range Weather Forecasting Interim Reanalysis represent the surface air temperature in Cuban weather stations?. International Journal of Climatology, 2018, 38, 1216-1233.	3.5	4
7	Improving Quantitative Rainfall Prediction Using Ensemble Analogues in the Tropics: Case Study of Uganda. Atmosphere, 2018, 9, 328.	2.3	18
8	Using Social Media to Improve Peer Dialogue in an Online Course About Regional Climate Modeling. International Journal of Online Pedagogy and Course Design, 2018, 8, 1-21.	0.4	2
9	Evaluating the present annual water budget of a Himalayan headwater river basin using a high‑resolution atmosphere‑hydrology model. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4786-4807.	3.3	51
10	A Surface-Layer Study of the Transport and Dissipation of Turbulent Kinetic Energy and the Variances of Temperature, Humidity and CO $$_2$$ 2. Boundary-Layer Meteorology, 2017, 165, 211-231.	2.3	5
11	New vigour involving statisticians to overcome ensemble fatigue. Nature Climate Change, 2017, 7, 697-703.	18.8	31
12	Maximum covariance analysis to identify intraseasonal oscillations over tropical Brazil. Climate Dynamics, 2017, 49, 1583-1596.	3.8	13
13	Patterns of Dekadal Rainfall Variation Over a Selected Region in Lake Victoria Basin, Uganda. Atmosphere, 2016, 7, 150.	2.3	18
14	Comparison of Parametric and Nonparametric Methods for Analyzing the Bias of a Numerical Model. Modelling and Simulation in Engineering, 2016, 2016, 1-7.	0.7	8
15	Modelled and observed sea surface temperature trends for the Caribbean and Antilles. International Journal of Climatology, 2016, 36, 1873-1886.	3.5	18
16	Cold case: The death of common guillemots in the Barents Sea. Significance, 2016, 13, 28-33.	0.4	0
17	Helping to Make Sense of Regional Climate Modeling: Professional Development for Scientists and Decision-Makers Anytime, Anywhere. Bulletin of the American Meteorological Society, 2016, 97, 1173-1185.	3.3	5
18	Southern Hemisphere strong polar mesoscale cyclones in high-resolution datasets. Climate Dynamics, 2016, 47, 1647-1660.	3.8	16

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19	Numerical Simulations of the 1 May 2012 Deep Convection Event over Cuba: Sensitivity to Cumulus and Microphysical Schemes in a High-Resolution Model. Advances in Meteorology, 2015, 2015, 1-16.	1.6	22
20	There is more to climate than the North Atlantic Oscillation: a new perspective from climate dynamics to explain the variability in population growth rates of a long-lived seabird. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	18
21	Norway and Cuba Continue Collaborating to Build Capacity to Improve Weather Forecasting. Eos, 2014, 95, 205-205.	0.1	0
22	Atmospheric winter response to a projected future Antarctic sea-ice reduction: a dynamical analysis. Climate Dynamics, 2013, 40, 2707-2718.	3.8	25
23	Diagnosis of regimeâ€dependent cloud simulation errors in CMIP5 models using â€œAâ€Trainâ€•satellite observations and reanalysis data. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2762-2780.	3.3	90
24	Capacity Building for the Caribbean Region. Eos, 2013, 94, 264-264.	0.1	2
25	Evaluation of cloud and water vapor simulations in CMIP5 climate models using NASA â€œAâ€Trainâ€• satellite observations. Journal of Geophysical Research, 2012, 117, .	3.3	316
26	Present and future offshore wind power potential in northern Europe based on downscaled global climate runs with adjusted SST and sea ice cover. Renewable Energy, 2012, 44, 398-405.	8.9	58
27	A review on Northern Hemisphere sea-ice, storminess and the North Atlantic Oscillation: Observations and projected changes. Atmospheric Research, 2011, 101, 809-834.	4.1	185
28	Sea-ice anomalies in the Sea of Okhotsk and the relationship with storm tracks in the Northern Hemisphere during winter. Tellus, Series A: Dynamic Meteorology and Oceanography, 2011, 63, 312-323.	1.7	20
29	Sea-ice anomalies in the Sea of Okhotsk and the relationship with storm tracks in the Northern Hemisphere during winter. Tellus, Series A: Dynamic Meteorology and Oceanography, 2011, , .	1.7	0
30	Environmental energetics of an exceptional highâ€latitude storm. Atmospheric Science Letters, 2010, 11, 39-45.	1.9	7
31	Characteristics and Variability of Storm Tracks in the North Pacific, Bering Sea, and Alaska*. Journal of Climate, 2010, 23, 294-311.	3.2	49
32	New perspectives on the synoptic development of the severe October 1992 Nome storm. Geophysical Research Letters, 2009, 36, .	4.0	27
33	Climatological properties of summertime extra-tropical storm tracks in the Northern Hemisphere. Tellus, Series A: Dynamic Meteorology and Oceanography, 2008, 60, 557-569.	1.7	25