

Daniel J Vimont

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,452
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

3470
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	12.6	92
2	Observed El Niño–La Niña Asymmetry in a Linear Model. <i>Geophysical Research Letters</i> , 2019, 46, 9909-9919.	4.0	18
3	100 Years of Progress in Understanding the Dynamics of Coupled Atmosphere–Ocean Variability. <i>Meteorological Monographs</i> , 2019, 59, 8.1-8.57.	5.0	22
4	Calculating State-Dependent Noise in a Linear Inverse Model Framework. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 479-496.	1.7	13
5	The Role of Stochastic Forcing in Generating ENSO Diversity. <i>Journal of Climate</i> , 2018, 31, 9125-9150.	3.2	9
6	An Analytical Framework for Understanding Tropical Meridional Modes. <i>Journal of Climate</i> , 2017, 30, 3303-3323.	3.2	13
7	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	3.2	877
8	Optimal growth of Central and East Pacific ENSO events. <i>Geophysical Research Letters</i> , 2014, 41, 4027-4034.	4.0	88
9	The Modification of Sea Surface Temperature Anomaly Linear Damping Time Scales by Stratocumulus Clouds. <i>Journal of Climate</i> , 2013, 26, 3619-3630.	3.2	46
10	Influence of African dust on ocean–atmosphere variability in the tropical Atlantic. <i>Nature Geoscience</i> , 2011, 4, 762-765.	12.9	97
11	Variability of the Atlantic Meridional Mode during the Atlantic Hurricane Season. <i>Journal of Climate</i> , 2011, 24, 1409-1424.	3.2	23
12	Transient Growth of Thermodynamically Coupled Variations in the Tropics under an Equatorially Symmetric Mean State*. <i>Journal of Climate</i> , 2010, 23, 5771-5789.	3.2	55
13	The Impact of Extratropical Atmospheric Variability on ENSO: Testing the Seasonal Footprinting Mechanism Using Coupled Model Experiments. <i>Journal of Climate</i> , 2010, 23, 2885-2901.	3.2	214
14	Midlatitude Excitation of Tropical Variability in the Pacific: The Role of Thermodynamic Coupling and Seasonality*. <i>Journal of Climate</i> , 2009, 22, 518-534.	3.2	122
15	The Role of Aerosols in the Evolution of Tropical North Atlantic Ocean Temperature Anomalies. <i>Science</i> , 2009, 324, 778-781.	12.6	170
16	A More General Framework for Understanding Atlantic Hurricane Variability and Trends. <i>Bulletin of the American Meteorological Society</i> , 2007, 88, 1767-1782.	3.3	224
17	The Atlantic Meridional Mode and hurricane activity. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	255
18	Pacific meridional mode and El Niño–Southern Oscillation. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	289

#	ARTICLE	IF	CITATIONS
19	The Contribution of the Interannual ENSO Cycle to the Spatial Pattern of Decadal ENSO-Like Variability*. Journal of Climate, 2005, 18, 2080-2092.	3.2	128
20	Analogous Pacific and Atlantic Meridional Modes of Tropical Atmosphereâ€œOcean Variability*. Journal of Climate, 2004, 17, 4143-4158.	3.2	719
21	The Seasonal Footprinting Mechanism in the Pacific: Implications for ENSO*. Journal of Climate, 2003, 16, 2668-2675.	3.2	428
22	The Seasonal Footprinting Mechanism in the CSIRO General Circulation Models*. Journal of Climate, 2003, 16, 2653-2667.	3.2	157
23	Footprinting: A seasonal connection between the tropics and mid-latitudes. Geophysical Research Letters, 2001, 28, 3923-3926.	4.0	393