

Daniel J Vimont

List of Publications by Year in descending order

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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	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	3.2	877
2	Analogous Pacific and Atlantic Meridional Modes of Tropical Atmosphereâ€œOcean Variability*. <i>Journal of Climate</i> , 2004, 17, 4143-4158.	3.2	719
3	The Seasonal Footprinting Mechanism in the Pacific: Implications for ENSO*. <i>Journal of Climate</i> , 2003, 16, 2668-2675.	3.2	428
4	Footprinting: A seasonal connection between the tropics and mid-latitudes. <i>Geophysical Research Letters</i> , 2001, 28, 3923-3926.	4.0	393
5	Pacific meridional mode and El NiÃ±oâ€œSouthern Oscillation. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	289
6	The Atlantic Meridional Mode and hurricane activity. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	255
7	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
8	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
9	The Role of Aerosols in the Evolution of Tropical North Atlantic Ocean Temperature Anomalies. <i>Science</i> , 2009, 324, 778-781.	12.6	170
10	The Seasonal Footprinting Mechanism in the CSIRO General Circulation Models*. <i>Journal of Climate</i> , 2003, 16, 2653-2667.	3.2	157
11	The Contribution of the Interannual ENSO Cycle to the Spatial Pattern of Decadal ENSO-Like Variability*. <i>Journal of Climate</i> , 2005, 18, 2080-2092.	3.2	128
12	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
13	Influence of African dust on oceanâ€œatmosphere variability in the tropical Atlantic. <i>Nature Geoscience</i> , 2011, 4, 762-765.	12.9	97
14	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	12.6	92
15	Optimal growth of Central and East Pacific ENSO events. <i>Geophysical Research Letters</i> , 2014, 41, 4027-4034.	4.0	88
16	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
17	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
18	Variability of the Atlantic Meridional Mode during the Atlantic Hurricane Season. <i>Journal of Climate</i> , 2011, 24, 1409-1424.	3.2	23

#	ARTICLE	IF	CITATIONS
19	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
20	Observed El Niño–La Niña Asymmetry in a Linear Model. <i>Geophysical Research Letters</i> , 2019, 46, 9909-9919.	4.0	18
21	An Analytical Framework for Understanding Tropical Meridional Modes. <i>Journal of Climate</i> , 2017, 30, 3303-3323.	3.2	13
22	Calculating State-Dependent Noise in a Linear Inverse Model Framework. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 479-496.	1.7	13
23	The Role of Stochastic Forcing in Generating ENSO Diversity. <i>Journal of Climate</i> , 2018, 31, 9125-9150.	3.2	9