

Sulian Thual

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

296
citations

933447

10
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	A Stochastic Skeleton Model for the MJO. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 697-715.	1.7	67
2	Simple stochastic model for El Niño with westerly wind bursts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10245-10250.	7.1	41
3	Reinterpreting the thermocline feedback in the western-central equatorial Pacific and its relationship with the ENSO modulation. <i>Climate Dynamics</i> , 2013, 41, 819-830.	3.8	29
4	Asymmetric intraseasonal events in the stochastic skeleton MJO model with seasonal cycle. <i>Climate Dynamics</i> , 2015, 45, 603-618.	3.8	21
5	Evaluating MJO event initiation and decay in the skeleton model using an RMM-like index. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,486.	3.3	17
6	A skeleton model for the MJO with refined vertical structure. <i>Climate Dynamics</i> , 2016, 46, 2773-2786.	3.8	17
7	Sensitivity of ENSO to Stratification in a Recharge-Discharge Conceptual Model. <i>Journal of Climate</i> , 2011, 24, 4332-4349.	3.2	15
8	Influence of Recent Stratification Changes on ENSO Stability in a Conceptual Model of the Equatorial Pacific. <i>Journal of Climate</i> , 2013, 26, 4790-4802.	3.2	14
9	An Asymptotic Expansion for the Recharge-Discharge Model of ENSO. <i>Journal of Physical Oceanography</i> , 2013, 43, 1407-1416.	1.7	11
10	Observations and Mechanisms of a Simple Stochastic Dynamical Model Capturing El Niño Diversity. <i>Journal of Climate</i> , 2018, 31, 449-471.	3.2	11
11	A Suite of Skeleton Models for the MJO with Refined Vertical Structure. <i>Mathematics of Climate and Weather Forecasting</i> , 2015, 1, .	0.8	10
12	Statistical occurrence and mechanisms of the 2014-2016 delayed super El Niño captured by a simple dynamical model. <i>Climate Dynamics</i> , 2019, 52, 2351-2366.	3.8	10
13	Seasonal Synchronization of a Simple Stochastic Dynamical Model Capturing El Niño Diversity. <i>Journal of Climate</i> , 2017, 30, 10047-10066.	3.2	7
14	Absolute or convective instability in the equatorial Pacific and implications for ENSO. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 600-606.	2.7	5
15	A Tropical Stochastic Skeleton Model for the MJO, El Niño, and Dynamic Walker Circulation: A Simplified GCM. <i>Journal of Climate</i> , 2018, 31, 9261-9282.	3.2	4
16	Tropical Intraseasonal Variability and the Stochastic Skeleton Method. <i>Mathematics of Planet Earth</i> , 2019, . .	0.1	2
17	Impact of Sea Level Assimilation on ENSO Initialization and Prediction: The Role of the Sea Level Zonal Tilt and Zonal Mean. <i>Monthly Weather Review</i> , 2015, 143, 1895-1906.	1.4	0
18	A theoretical model to analyze the Central to Eastern Pacific El Niño continuum. <i>Ocean Modelling</i> , 2018, 130, 140-159.	2.4	0

#	ARTICLE	IF	CITATIONS
19	The Deterministic Skeleton Model and Observed Features of the MJO. Mathematics of Planet Earth, 2019, , 5-27.	0.1	0
20	Refined Vertical Structure in the Stochastic Skeleton Model for the MJO. Mathematics of Planet Earth, 2019, , 93-112.	0.1	0
21	New Indices for Observations of Tropical Variability Based on the Skeleton Model and a Model for the Walker Circulation. Mathematics of Planet Earth, 2019, , 67-92.	0.1	0
22	Tropicalâ€“Extratropical Interactions and the MJO Skeleton Model. Mathematics of Planet Earth, 2019, , 49-66.	0.1	0
23	Current and Future Research Perspectives. Mathematics of Planet Earth, 2019, , 113-120.	0.1	0
24	A Stochastic Skeleton Model for the MJO. Mathematics of Planet Earth, 2019, , 29-48.	0.1	0