

Madden-Julian Oscillation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Energetics of Madden-Julian oscillations in the National Center for Atmospheric Research Community Atmosphere Model version 3 (NCAR CAM3). <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	12
2	Large scale dynamics and MJO forcing of ENSO variability. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	121
3	MJO-related summer cooling and phytoplankton blooms in the South China Sea in recent years. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	28
4	Variation of tropical cyclone activity in the South Indian Ocean: El Niño Southern Oscillation and Madden-Julian Oscillation effects. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	102
5	Potential vorticity aspects of the MJO. <i>Dynamics of Atmospheres and Oceans</i> , 2006, 42, 127-151.	0.7	21
6	Observational Study on Westerly Wind Burst over Sumatra, Indonesia by the Equatorial Atmosphere Radar A Case Study During the First CPEA Campaign. <i>Journal of the Meteorological Society of Japan</i> , 2006, 84A, 95-112.	0.7	5
7	Changes in the Activity of the Madden-Julian Oscillation during 1958-2004. <i>Journal of Climate</i> , 2006, 19, 6353-6370.	1.2	72
8	Transition between Suppressed and Active Phases of Intraseasonal Oscillations in the Indo-Pacific Warm Pool. <i>Journal of Climate</i> , 2006, 19, 5519-5530.	1.2	27
9	Impact of Explicit Atmosphere-Ocean Coupling on MJO-Like Coherent Structures in Idealized Aquaplanet Simulations. <i>Journals of the Atmospheric Sciences</i> , 2006, 63, 2289-2306.	0.6	38
10	Vertical Moist Thermodynamic Structure and Spatial-Temporal Evolution of the MJO in AIRS Observations. <i>Journals of the Atmospheric Sciences</i> , 2006, 63, 2462-2485.	0.6	162
11	Modeling the length of day and extrapolating the rotation of the Earth. <i>Journal of Geodesy</i> , 2006, 80, 283-303.	1.6	12
12	Observed Characteristics of the MJO Relative to Maximum Rainfall. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 2332-2354.	0.6	284
13	6-Hour to 1-Year Variance of Five Global Precipitation Sets. <i>Earth Interactions</i> , 2007, 11, 1-29.	0.7	36
14	Influence of the Madden-Julian Oscillation on Southern African Summer Rainfall. <i>Journal of Climate</i> , 2007, 20, 4227-4242.	1.2	62
15	Multiscale Organization of Convection Simulated with Explicit Cloud Processes on an Aquaplanet. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 1902-1921.	0.6	58
16	Intraseasonal Variability in a Dry Atmospheric Model. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 2422-2441.	0.6	55
17	A Simple Multicloud Parameterization for Convectively Coupled Tropical Waves. Part II: Nonlinear Simulations. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 381-400.	0.6	104
18	Seasonality and Regionality of the Madden-Julian Oscillation, Kelvin Wave, and Equatorial Rossby Wave. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 4400-4416.	0.6	66

#	ARTICLE	IF	CITATIONS
19	Modeling the Active-Layer Depth over the Tibetan Plateau. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 714-722.	0.4	37
20	Observed Changes in the Lifetime and Amplitude of the Madden-Julian Oscillation Associated with Interannual ENSO Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2007, 20, 2659-2674.	1.2	119
21	Meridional Momentum Flux and Superrotation in the Multiscale IPESD MJO Model. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 1636-1651.	0.6	51
22	Latitude-Height Structure of the Atmospheric Angular Momentum Cycle Associated with the Madden-Julian Oscillation. <i>Monthly Weather Review</i> , 2007, 135, 1564-1575.	0.5	7
23	Tropical-extratropical interactions related to upper-level troughs at low latitudes. <i>Dynamics of Atmospheres and Oceans</i> , 2007, 43, 36-62.	0.7	68
24	An ITCZ-like convergence zone over the Indian Ocean in boreal late autumn. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	7
25	On the tropospheric origin of Mesosphere Lower Thermosphere region intraseasonal wind variability. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	20
26	Vertical wind observation in the tropical upper troposphere by VHF wind profiler: A case study. <i>Radio Science</i> , 2007, 42, n/a-n/a.	0.8	8
27	Tropical oceanic cloudiness and the incidence of precipitation: Early results from CloudSat. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	98
28	Impact of a modified convective scheme on the Madden-Julian Oscillation and El Niño Southern Oscillation in a coupled climate model. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	54
29	Intra-seasonal variability in tropospheric ozone and water vapor in the tropics. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	18
30	Diurnal sea surface temperature variation and its impact on the atmosphere and ocean: A review. <i>Journal of Oceanography</i> , 2007, 63, 721-744.	0.7	275
31	The influence of air-sea interaction on the Madden-Julian Oscillation: the role of the seasonal mean state. <i>Climate Dynamics</i> , 2007, 28, 703-722.	1.7	20
32	Nonlinear dynamics of hydrostatic internal gravity waves. <i>Theoretical and Computational Fluid Dynamics</i> , 2008, 22, 407-432.	0.9	24
33	The onset and life span of the Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , 2008, 94, 13-24.	1.3	20
34	Primary and successive events in the Madden-Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008, 134, 439-453.	1.0	198
35	Intraseasonal interaction between the Madden-Julian Oscillation and the North Atlantic Oscillation. <i>Nature</i> , 2008, 455, 523-527.	13.7	622
36	The role of surface heat fluxes in tropical intraseasonal oscillations. <i>Nature Geoscience</i> , 2008, 1, 653-657.	5.4	120

#	ARTICLE	IF	CITATIONS
37	Energetics of Madden-Julian Oscillations in the NCAR CAM3: A Composite View. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	12
38	Does the Madden-Julian Oscillation influence aerosol variability?. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	63
39	Northward propagation of the subseasonal variability over the eastern Pacific warm pool. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	34
40	Strong Indian Ocean sea surface temperature signals associated with the Madden-Julian Oscillation in late 2007 and early 2008. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	90
41	Mechanisms of South Indian Ocean intraseasonal cooling. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	39
42	Statistical Prediction of Weekly Tropical Cyclone Activity in the Southern Hemisphere. <i>Monthly Weather Review</i> , 2008, 136, 3637-3654.	0.5	113
43	Multicloud Models for Organized Tropical Convection: Enhanced Congestus Heating. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 895-914.	0.6	103
44	The Equatorial Pacific Cold Tongue Bias in a Coupled Climate Model. <i>Journal of Climate</i> , 2008, 21, 5852-5869.	1.2	28
45	Vertical-Mode Decompositions of 2-Day Waves and the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 813-833.	0.6	86
46	Real-Time Extraction of the Madden-Julian Oscillation Using Empirical Mode Decomposition and Statistical Forecasting with a VARMA Model. <i>Journal of Climate</i> , 2008, 21, 5318-5335.	1.2	19
47	Horizontal and Vertical Structure of Easterly Waves in the Pacific ITCZ. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1266-1284.	0.6	81
48	Equatorial Convectively Coupled Waves in a Simple Multicloud Model. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3376-3397.	0.6	86
49	Sensitivity of MJO Simulation and Predictability to Sea Surface Temperature Variability. <i>Journal of Climate</i> , 2008, 21, 5304-5317.	1.2	38
50	A Vortex-Based Perspective of Eastern Pacific Tropical Cyclone Formation. <i>Monthly Weather Review</i> , 2008, 136, 2461-2477.	0.5	43
51	Systematic Variation of Summertime Tropical Cyclone Activity in the Western North Pacific in Relation to the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2008, 21, 1171-1191.	1.2	146
52	Seasonal Variation of Cloud Systems over ARM SGP. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2107-2129.	0.6	13
53	Sensitivity of Hybrid ENSO Models to Unresolved Atmospheric Variability. <i>Journal of Climate</i> , 2008, 21, 3704-3721.	1.2	36
54	Boreal Winter Links between the Madden-Julian Oscillation and the Arctic Oscillation. <i>Journal of Climate</i> , 2008, 21, 3040-3050.	1.2	131

#	ARTICLE	IF	CITATIONS
55	A Negative Soil Moisture–Precipitation Relationship and Its Causes. <i>Journal of Hydrometeorology</i> , 2008, 9, 1364-1376.	0.7	78
56	Forecast Skill of the Madden–Julian Oscillation in Two Canadian Atmospheric Models. <i>Monthly Weather Review</i> , 2008, 136, 4130-4149.	0.5	164
57	Rapidly Rotating Suns and Active Nests of Convection. <i>Astrophysical Journal</i> , 2008, 689, 1354-1372.	1.6	119
58	An Analysis of Nonlinear Relationship between the MJO and ENSO. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 867-881.	0.7	12
59	Do CGCMs Simulate the North American Monsoon Precipitation Seasonal Interannual Variability?. <i>Journal of Climate</i> , 2008, 21, 4424-4448.	1.2	31
60	The skeleton of tropical intraseasonal oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8417-8422.	3.3	242
61	Implication of the Madden–Julian Oscillation in the 40-Day Variability of the West African Monsoon. <i>Journal of Climate</i> , 2009, 22, 3769-3785.	1.2	40
62	A Coupled GCM Analysis of MJO Activity at the Onset of El Niño. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 966-983.	0.6	24
63	A Numerical Case Study on the Initiation of the Madden–Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 310-331.	0.6	67
64	Observed Sea Surface Temperature of Tokyo Bay and Its Impact on Urban Air Temperature. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 2054-2068.	0.6	18
65	Gravity Waves in Shear and Implications for Organized Convection. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 2579-2599.	0.6	48
66	Observed Synoptic-Scale Variability during the Developing Phase of an ISO over the Indian Ocean during MISMO. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3434-3448.	0.6	37
67	The Role of Convective Moistening in the Madden–Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3297-3312.	0.6	128
68	Tropical Multiscale Convective Systems: Theory, Modeling, and Observations. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 379-383.	1.7	1
69	A Case Study of an Outbreak of Twin Tropical Cyclones. <i>Monthly Weather Review</i> , 2009, 137, 863-875.	0.5	23
70	Vertical Heating Structures Associated with the MJO as Characterized by TRMM Estimates, ECMWF Reanalyses, and Forecasts: A Case Study during 1998/99 Winter. <i>Journal of Climate</i> , 2009, 22, 6001-6020.	1.2	29
71	Application of MJO Simulation Diagnostics to Climate Models. <i>Journal of Climate</i> , 2009, 22, 6413-6436.	1.2	331
72	RAMA: The Research Moored Array for African–Asian–Australian Monsoon Analysis and Prediction. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 459-480.	1.7	489

#	ARTICLE	IF	CITATIONS
73	The Moisture Mode in the Quasi-Equilibrium Tropical Circulation Model. Part II: Nonlinear Behavior on an Equatorial $\hat{\rho}^2$ Plane. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 1525-1542.	0.6	34
74	Links between Tropical Cyclone Activity and Madden-Julian Oscillation Phase in the North Atlantic and Northeast Pacific Basins. <i>Monthly Weather Review</i> , 2009, 137, 727-744.	0.5	95
75	Equatorially Bounded Zonally Propagating Linear Waves on a Generalized $\hat{\rho}^2$ Plane. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 2937-2945.	0.6	12
76	An MJO Simulated by the NICAM at 14- and 7-km Resolutions. <i>Monthly Weather Review</i> , 2009, 137, 3254-3268.	0.5	53
77	Response of the West African Monsoon to the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2009, 22, 4097-4116.	1.2	83
78	Moisture Modes and the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2009, 22, 3031-3046.	1.2	212
79	A Homogeneous Stochastic Model of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2009, 22, 3270-3288.	1.2	36
80	Diagnosis of the MJO Modulation of Tropical Cyclogenesis Using an Empirical Index. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3061-3074.	0.6	310
81	MJO Simulation Diagnostics. <i>Journal of Climate</i> , 2009, 22, 3006-3030.	1.2	265
82	Contributions of Convectively Coupled Equatorial Rossby Waves and Kelvin Waves to the Real-Time Multivariate MJO Indices. <i>Monthly Weather Review</i> , 2009, 137, 469-478.	0.5	81
83	Analysis of daily river flow fluctuations using empirical mode decomposition and arbitrary order Hilbert spectral analysis. <i>Journal of Hydrology</i> , 2009, 373, 103-111.	2.3	118
84	Evidence for long-term regional changes in precipitation on the East Coast Mountains in Mauritius. <i>International Journal of Climatology</i> , 2010, 30, 1164-1177.	1.5	21
85	Evaluation of tropical cloud regimes in observations and a general circulation model. <i>Climate Dynamics</i> , 2009, 32, 355-369.	1.7	66
86	Quasi-periodic, global oscillations in sea level pressure on intraseasonal timescales. <i>Climate Dynamics</i> , 2009, 32, 925-934.	1.7	4
87	Intraseasonal variability in the equatorial Atlantic-West Africa during March-June. <i>Climate Dynamics</i> , 2009, 32, 457-471.	1.7	12
88	Application of a serial extended forecast experiment using the ECMWF model to interpret the predictive skill of tropical intraseasonal variability. <i>Climate Dynamics</i> , 2009, 32, 855-872.	1.7	17
89	Sensitivity of MJO simulations to diabatic heating profiles. <i>Climate Dynamics</i> , 2009, 32, 167-187.	1.7	79
90	Interactions between synoptic, intraseasonal and interannual convective variability over Southern Africa. <i>Climate Dynamics</i> , 2009, 33, 1033-1050.	1.7	41

#	ARTICLE	IF	CITATIONS
91	Observed freshening and warming of the western Pacific Warm Pool. <i>Climate Dynamics</i> , 2009, 33, 565-589.	1.7	221
92	Two-way interactions between equatorially-trapped waves and the barotropic flow. <i>Chinese Annals of Mathematics Series B</i> , 2009, 30, 539-568.	0.2	19
93	Impacts of cumulus momentum transport on MJO simulation. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 864-876.	1.9	10
94	A combined waveâ€‘numberâ€‘frequency and timeâ€‘extended EOF approach for tracking the progress of modes of largeâ€‘scale organized tropical convection. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 161-173.	1.0	34
95	Realâ€‘time localised forecasting of the Maddenâ€‘Julian Oscillation using neural network models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1471-1483.	1.0	15
96	Indian Ocean circulation and climate variability. <i>Reviews of Geophysics</i> , 2009, 47, .	9.0	1,048
97	Intraseasonal response of the northern Indian Ocean coastal waveguide to the Maddenâ€‘Julian Oscillation. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	65
98	Spontaneous onset of a Maddenâ€‘Julian oscillation event in a cloudâ€‘systemâ€‘resolving simulation. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	23
99	Impact of organized intraseasonal convective perturbations on the tropical circulation. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	13
100	How well can satellite data characterize the water cycle of the Maddenâ€‘Julian Oscillation?. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	11
101	Longitudinal variability in intraseasonal oscillation in the tropical mesosphere and lower thermosphere region. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	16
102	Evaluating regional cloudâ€‘permitting simulations of the WRF model for the Tropical Warm Pool International Cloud Experiment (TWPâ€‘ICE), Darwin, 2006. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
103	The Mechanics of Gross Moist Stability. <i>Journal of Advances in Modeling Earth Systems</i> , 2009, 1, .	1.3	228
104	The 20â€‘30-day oscillation of the global circulation and heavy precipitation over the lower reaches of the Yangtze River valley. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1485-1501.	0.9	11
105	Seasonal and intraseasonal biogeochemical variability in the thermocline ridge of the southern tropical Indian Ocean. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	65
106	Cirrus observations in the tropical tropopause layer over the western Pacific. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	59
107	Convectively coupled equatorial waves. <i>Reviews of Geophysics</i> , 2009, 47, .	9.0	692
108	Two dominant subseasonal variability modes of the eastern Pacific ITCZ. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	29

#	ARTICLE	IF	CITATIONS
109	Rapid ocean wave teleconnections linking Antarctic salinity anomalies to the equatorial ocean-atmosphere system. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	9
110	Global Perspective of the Quasi-Biweekly Oscillation*. <i>Journal of Climate</i> , 2009, 22, 1340-1359.	1.2	167
111	An Observed Connection between the North Atlantic Oscillation and the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2009, 22, 364-380.	1.2	290
112	The Moist Static Energy Budget of a Composite Tropical Intraseasonal Oscillation in a Climate Model. <i>Journal of Climate</i> , 2009, 22, 711-729.	1.2	298
113	Structure of the Madden-Julian Oscillation in the Superparameterized CAM. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3277-3296.	0.6	167
114	The Association of the Evolution of Intraseasonal Oscillations to ENSO Phase. <i>Journal of Climate</i> , 2009, 22, 381-395.	1.2	28
115	Impacts of the Madden-Julian Oscillation on Australian Rainfall and Circulation. <i>Journal of Climate</i> , 2009, 22, 1482-1498.	1.2	247
116	Cirene: Air-Sea Interactions in the Seychelles-Chagos Thermocline Ridge Region. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 45-62.	1.7	116
117	Impact of the Madden-Julian Oscillation on Summer Rainfall in Southeast China. <i>Journal of Climate</i> , 2009, 22, 201-216.	1.2	105
118	Tropical Intraseasonal Variability in the MRI-20km60L AGCM*. <i>Journal of Climate</i> , 2009, 22, 2006-2022.	1.2	22
119	Climate Study Using a Global Cloud-resolving Model. <i>Journal of Geography (Chigaku Zasshi)</i> , 2010, 119, 427-440.	0.1	0
120	The multiscale organization of moist convection and the intersection of weather and climate. <i>Geophysical Monograph Series</i> , 2010, , 3-26.	0.1	62
121	Addressing Climatic Non-Stationarity in the Assessment of Flood Risk. <i>Australian Journal of Water Resources</i> , 2010, 14, 1-16.	1.6	23
122	Planetary waves and large-scale ocean dynamics. , 2010, , 195-238.		1
123	The Madden-Julian oscillation wind-convection coupling and the role of moisture processes in the MM5 model. <i>Climate Dynamics</i> , 2010, 35, 435-447.	1.7	7
124	Ocean temperature and salinity components of the Madden-Julian oscillation observed by Argo floats. <i>Climate Dynamics</i> , 2010, 35, 1149-1168.	1.7	44
125	Low and high frequency Madden-Julian oscillations in austral summer: interannual variations. <i>Climate Dynamics</i> , 2010, 35, 669-683.	1.7	36
126	Intraseasonal modulation of tropical cyclogenesis in the western North Pacific: a case study. <i>Theoretical and Applied Climatology</i> , 2010, 100, 397-411.	1.3	29

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127	Influence of the Madden-Julian Oscillation on Indonesian rainfall variability in austral summer. <i>International Journal of Climatology</i> , 2010, 30, 1816-1825.	1.5	90
128	A comparison of optical-band based snow extent products during spring over North America. <i>Remote Sensing of Environment</i> , 2010, 114, 1940-1948.	4.6	34
129	Evolution of seasonal temperature disturbances and solar forcing in the US North Pacific. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 83-89.	0.6	13
130	A dynamical ocean feedback mechanism for the Madden-Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 740-754.	1.0	49
131	Simulating convectively coupled Kelvin waves using Lagrangian overturning for a convective parametrization. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1598-1613.	1.0	11
133	Interaction of Tropical Deep Convection with the Large-Scale Circulation in the MJO. <i>Journal of Climate</i> , 2010, 23, 1837-1853.	1.2	61
134	Tropical mid-tropospheric CO ₂ variability driven by the Madden-Julian oscillation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19171-19175.	3.3	45
135	Characteristics of 3- and 6-Day Period Disturbances Observed over the Tropical Indian Ocean. <i>Monthly Weather Review</i> , 2010, 138, 4158-4174.	0.5	21
136	Mechanisms of Northward-Propagating Intraseasonal Oscillation—A Comparison between the Indian Ocean and the Western North Pacific. <i>Journal of Climate</i> , 2010, 23, 6624-6640.	1.2	37
137	An Analysis of Convectively Coupled Kelvin Waves in 20 WCRP CMIP3 Global Coupled Climate Models. <i>Journal of Climate</i> , 2010, 23, 3031-3056.	1.2	63
138	A CGCM Study on the Northward Propagation of Tropical Intraseasonal Oscillation over the Asian Summer Monsoon Regions. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2010, 21, 299.	0.3	5
139	Comparison of Land-Precipitation Coupling Strength Using Observations and Models. <i>Journal of Hydrometeorology</i> , 2010, 11, 979-994.	0.7	53
140	A Nonlinear Perspective on the Dynamics of the MJO: Idealized Large-Eddy Simulations. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1202-1217.	0.6	26
141	Improving Multimodel Forecasts of the Vertical Distribution of Heating Using the TRMM Profiles. <i>Journal of Climate</i> , 2010, 23, 1079-1094.	1.2	12
142	Spatial and Temporal Distribution of Latent Heating in the South Asian Monsoon Region. <i>Journal of Climate</i> , 2010, 23, 2010-2029.	1.2	28
143	The Continuum of North Pacific Sea Level Pressure Patterns: Intraseasonal, Interannual, and Interdecadal Variability. <i>Journal of Climate</i> , 2010, 23, 851-867.	1.2	139
144	The Role of Equatorial Rossby Waves in Tropical Cyclogenesis. Part I: Idealized Numerical Simulations in an Initially Quiescent Background Environment. <i>Monthly Weather Review</i> , 2010, 138, 1368-1382.	0.5	18
145	Genesis of Typhoon Chanchu (2006) from a Westerly Wind Burst Associated with the MJO. Part I: Evolution of a Vertically Tilted Precursor Vortex. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3774-3792.	0.6	21

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146	The Modulation of the Subtropical and Extratropical Atmosphere in the Pacific Basin in Response to the Madden–Julian Oscillation. <i>Monthly Weather Review</i> , 2010, 138, 2761-2779.	0.5	98
147	Relationships between the Antarctic Oscillation, the Madden–Julian Oscillation, and ENSO, and Consequences for Rainfall Analysis. <i>Journal of Climate</i> , 2010, 23, 238-254.	1.2	75
148	Analysis and Reduction of Systematic Errors through a Seamless Approach to Modeling Weather and Climate. <i>Journal of Climate</i> , 2010, 23, 5933-5957.	1.2	156
149	Characteristics of Precipitation, Cloud, and Latent Heating Associated with the Madden–Julian Oscillation. <i>Journal of Climate</i> , 2010, 23, 504-518.	1.2	58
150	Submonthly Indian Ocean Cooling Events and Their Interaction with Large-Scale Conditions. <i>Journal of Climate</i> , 2010, 23, 700-716.	1.2	25
151	Multiscale Interactions in the Life Cycle of a Tropical Cyclone Simulated in a Global Cloud-System-Resolving Model. Part I: Large-Scale and Storm-Scale Evolutions*. <i>Monthly Weather Review</i> , 2010, 138, 4285-4304.	0.5	20
152	Vertical Moist Thermodynamic Structure of the Madden–Julian Oscillation in Atmospheric Infrared Sounder Retrievals: An Update and a Comparison to ECMWF Interim Re-Analysis. <i>Monthly Weather Review</i> , 2010, 138, 4576-4582.	0.5	61
153	A Case Study of the Mechanics of Extratropical Influence on the Initiation of the Madden–Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 515-528.	0.6	90
154	Annual, Interannual, and Intraseasonal Variability of Tropical Tropopause Transition Layer Cirrus. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3097-3112.	0.6	67
155	Analysis of Apparent Coupling between an Oceanic Kelvin Wave and Atmospheric Convection during the Winter of 1986/87. <i>Journal of Climate</i> , 2010, 23, 6352-6364.	1.2	8
156	Exploration of the MODIS Cloud-Top Property Products for the Investigation of Equatorial Wave Systems. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 2050-2057.	0.6	1
157	A Framework for Assessing Operational Madden–Julian Oscillation Forecasts. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 1247-1258.	1.7	202
158	Convectively Coupled Waves in a Sheared Environment. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2913-2942.	0.6	44
159	Modulation of the Global Atmospheric Circulation by Combined Activity in the Madden–Julian Oscillation and the El Niño–Southern Oscillation during Boreal Winter. <i>Journal of Climate</i> , 2010, 23, 4045-4059.	1.2	92
160	A Bayesian Regression Approach to Seasonal Prediction of Tropical Cyclones Affecting the Fiji Region. <i>Journal of Climate</i> , 2010, 23, 3425-3445.	1.2	23
161	Joint Diagnostic of the Surface Air Temperature in Southern South America and the Madden–Julian Oscillation. <i>Weather and Forecasting</i> , 2010, 25, 1275-1280.	0.5	21
162	Variations in the Flow of the Global Atmosphere Associated with a Composite Convectively Coupled Oceanic Kelvin Wave. <i>Journal of Climate</i> , 2010, 23, 4192-4201.	1.2	11
163	The Influence of the Madden–Julian Oscillation on Tropical Cyclone Activity in the Fiji Region. <i>Journal of Climate</i> , 2010, 23, 868-886.	1.2	64

#	ARTICLE	IF	CITATIONS
164	Performance of the New NCAR CAM3.5 in East Asian Summer Monsoon Simulations: Sensitivity to Modifications of the Convection Scheme. <i>Journal of Climate</i> , 2010, 23, 3657-3675.	1.2	116
165	Upscale Feedback of Tropical Synoptic Variability to Intraseasonal Oscillations through the Nonlinear Rectification of the Surface Latent Heat Flux*. <i>Journal of Climate</i> , 2010, 23, 5738-5754.	1.2	64
166	MJO Signals in Latent Heating: Results from TRMM Retrievals. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3488-3508.	0.6	39
167	Surface Fluxes and Tropical Intraseasonal Variability: a Reassessment. <i>Journal of Advances in Modeling Earth Systems</i> , 2010, 2, .	1.3	122
168	Intraseasonal Variability in an Aquaplanet General Circulation Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2010, 2, .	1.3	101
169	Madden-Julian Oscillation and sea level: Local and remote forcing. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	50
170	Madden-Julian Oscillation in the tropical stratosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	19
171	Spontaneous transition to superrotation in warm climates simulated by CAM3. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	69
172	Role of nonlinear scale interactions in limiting dynamical prediction of lower tropospheric boreal summer intraseasonal oscillations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	5
173	Extended Eliassen-Palm fluxes associated with the Madden-Julian oscillation in the stratosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	6
174	Observed intra-seasonal to interannual variability of the upper ocean thermal structure in the southeastern Arabian Sea during 2002-2008. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 739-754.	0.6	10
175	The MJO in an AGCM with three different cumulus parameterization schemes. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 49, 141-163.	0.7	17
176	Effects of Convective Processes on GCM Simulations of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2010, 23, 352-377.	1.2	26
177	Vertical Structure of Kelvin Waves in the Indonesian Throughflow Exit Passages. <i>Journal of Physical Oceanography</i> , 2010, 40, 1965-1987.	0.7	82
178	Application of satellite-derived OLR data in the prediction of the onset of Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2010, 99, 457-468.	1.3	6
179	Sea level and circulation variability of the Gulf of Carpentaria: Influence of the Madden-Julian Oscillation and the adjacent deep ocean. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	19
180	Intraseasonal variability in barrier layer thickness in the south central Bay of Bengal. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	103
181	Convectively coupled Kelvin wave propagation past Sumatra: A June case and corresponding composite analysis. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	6

#	ARTICLE	IF	CITATIONS
182	Modulation of Atlantic aerosols by the Madden-Julian Oscillation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
183	Intraseasonal isotopic variation associated with the Madden-Julian Oscillation. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	112
184	Vertical and lateral propagation characteristics of intraseasonal oscillation from the tropical lower troposphere to upper mesosphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	17
185	Daily and intraseasonal relationships between lightning and NO ₂ over the Maritime Continent. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	10
186	Modulation of radiative heating by the Madden-Julian Oscillation and convectively coupled Kelvin waves as observed by CloudSat. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	30
187	Evaluating the tropospheric variability in National Centers for Environmental Prediction's climate forecast system reanalysis. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22
188	Kelvin wave time scale propagation features of the Madden-Julian Oscillation (MJO) as measured by the Chen-MJO index. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	4
189	Intraseasonal moist static energy budget in reanalysis data. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	137
190	A mechanism denial study on the Madden-Julian Oscillation. <i>Journal of Advances in Modeling Earth Systems</i> , 2011, 3, .	1.3	41
191	The Madden-Julian Oscillation's Influence on African Easterly Waves and Downstream Tropical Cyclogenesis. <i>Monthly Weather Review</i> , 2011, 139, 2704-2722.	0.5	76
192	Representation of MJO Variability in the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2011, 24, 4676-4694.	1.2	74
193	Cycles and Propagation of Deep Convection over Equatorial Africa. <i>Monthly Weather Review</i> , 2011, 139, 2832-2853.	0.5	77
194	The global distribution of arid climates and rainfall. , 0, , 83-99.		0
195	INTRASEASONAL VARIABILITY AND FORECASTING: A REVIEW OF RECENT RESEARCH. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 389-407.	0.2	17
196	Observed circulation in the Solomon Sea from SADC data. <i>Progress in Oceanography</i> , 2011, 88, 116-130.	1.5	59
197	Dynamics of wind-forced intraseasonal zonal current variations in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
198	Improving Societal Outcomes of Extreme Weather in a Changing Climate: An Integrated Perspective. <i>Annual Review of Environment and Resources</i> , 2011, 36, 1-25.	5.6	172
199	The Madden-Julian Oscillation and the Relative Value of Deterministic Forecasts of Extreme Precipitation in the Contiguous United States. <i>Journal of Climate</i> , 2011, 24, 2421-2428.	1.2	26

#	ARTICLE	IF	CITATIONS
200	Clouds Associated with the Madden-Julian Oscillation: A New Perspective from CloudSat. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 3032-3051.	0.6	119
201	Prediction of the Madden-Julian oscillation with the POAMA dynamical prediction system. <i>Climate Dynamics</i> , 2011, 36, 649-661.	1.7	187
202	Intraseasonal variability in the far-east pacific: investigation of the role of air-sea coupling in a regional coupled model. <i>Climate Dynamics</i> , 2011, 36, 867-890.	1.7	20
203	Vertical cloud structures of the boreal summer intraseasonal variability based on CloudSat observations and ERA-interim reanalysis. <i>Climate Dynamics</i> , 2011, 36, 2219-2232.	1.7	84
204	Role of the atmospheric mean state on the initiation of the Madden-Julian oscillation in a tropical channel model. <i>Climate Dynamics</i> , 2011, 36, 161-184.	1.7	49
205	Assessing the simulation and prediction of rainfall associated with the MJO in the POAMA seasonal forecast system. <i>Climate Dynamics</i> , 2011, 37, 2129-2141.	1.7	36
206	Processes controlling the surface temperature signature of the Madden-Julian Oscillation in the thermocline ridge of the Indian Ocean. <i>Climate Dynamics</i> , 2011, 37, 2217-2234.	1.7	55
207	Factors controlling January-April rainfall over southern India and Sri Lanka. <i>Climate Dynamics</i> , 2011, 37, 493-507.	1.7	12
208	Intraseasonal and interannual zonal circulations over the Equatorial Indian Ocean. <i>Theoretical and Applied Climatology</i> , 2011, 104, 175-191.	1.3	24
209	Lower tropospheric horizontal wind over Indonesia: A comparison of wind profiler network observations with global reanalyses. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 986-995.	0.6	15
210	Will global warming modify the activity of the Madden-Julian Oscillation?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 544-552.	1.0	38
211	Laplace transform integration of the shallow-water equations. Part I: Eulerian formulation and Kelvin waves. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 792-799.	1.0	12
212	Sensitivity of Kelvin waves and Madden-Julian oscillation to convective downdrafts in the NCAR-CAM3. <i>Atmospheric Science Letters</i> , 2011, 12, 281-287.	0.8	9
213	Implications for the low latitude cloud formations from solar activity and the quasi-biennial oscillation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 587-591.	0.6	11
214	Nonlinear Dynamics and Regional Variations in the MJO Skeleton. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 3053-3071.	0.6	78
215	A Review of the Nonlinear Dynamics of Intraseasonal Oscillations. <i>Atmospheric and Oceanic Science Letters</i> , 2011, 4, 253-256.	0.5	0
216	Vertical Diabatic Heating Structure of the MJO: Intercomparison between Recent Reanalyses and TRMM Estimates. <i>Monthly Weather Review</i> , 2011, 139, 3208-3223.	0.5	84
217	Tropical Cyclone Count Forecasting Using a Dynamical Seasonal Prediction System: Sensitivity to Improved Ocean Initialization. <i>Journal of Climate</i> , 2011, 24, 2963-2982.	1.2	19

#	ARTICLE	IF	CITATIONS
218	Testing the Hypothesis that the MJO is a Mixed Rossby–Gravity Wave Packet. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 226-239.	0.6	34
219	Seasonal Modulation of Tropical Intraseasonal Oscillations on Tropical Cyclone Geneses in the Western North Pacific. <i>Journal of Climate</i> , 2011, 24, 6339-6352.	1.2	96
220	The MJO and Convectively Coupled Waves in a Coarse-Resolution GCM with a Simple Multicloud Parameterization. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 240-264.	0.6	84
221	Excitation of Intraseasonal Variability in the Equatorial Atmosphere by Yanai Wave Groups via WISHE-Induced Convection. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 210-225.	0.6	10
222	A Synoptic Climatology of Episodic, Subseasonal Retractions of the Pacific Jet. <i>Journal of Climate</i> , 2011, 24, 2846-2860.	1.2	32
223	A Multiscale Observational Case Study of a Pacific Atmospheric River Exhibiting Tropical–Extratropical Connections and a Mesoscale Frontal Wave. <i>Monthly Weather Review</i> , 2011, 139, 1169-1189.	0.5	179
224	Modulation of Cold-Season U.S. Daily Precipitation by the Madden–Julian Oscillation. <i>Journal of Climate</i> , 2011, 24, 5157-5166.	1.2	71
225	Moist Thermodynamics of the Madden–Julian Oscillation in a Cloud-Resolving Simulation. <i>Journal of Climate</i> , 2011, 24, 5571-5583.	1.2	18
226	Semiannual Cycle in Zonal Wind over the Equatorial Indian Ocean. <i>Journal of Climate</i> , 2011, 24, 6471-6485.	1.2	19
227	The Madden–Julian Oscillation in CCSM4. <i>Journal of Climate</i> , 2011, 24, 6261-6282.	1.2	59
228	Thermodynamics of the Madden–Julian Oscillation in a Regional Model with Constrained Moisture. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1974-1989.	0.6	21
229	Scale Interaction of the Diurnal Cycle of Rainfall over the Maritime Continent and Australia: Influence of the MJO. <i>Journal of Climate</i> , 2011, 24, 325-348.	1.2	125
230	Seasonal Modulations of the Active MJO Cycle Characterized by Nonlinear Principal Component Analysis. <i>Monthly Weather Review</i> , 2011, 139, 2259-2275.	0.5	3
231	Experimental Tropical Cyclone Prediction Using the GFDL 25-km-Resolution Global Atmospheric Model. <i>Weather and Forecasting</i> , 2011, 26, 1008-1019.	0.5	27
232	Attributing Tropical Cyclogenesis to Equatorial Waves in the Western North Pacific. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 195-209.	0.6	77
233	Influence of the Madden–Julian Oscillation on Forecasts of Extreme Precipitation in the Contiguous United States. <i>Monthly Weather Review</i> , 2011, 139, 332-350.	0.5	46
234	Tropical Cyclogenesis Associated with Kelvin Waves and the Madden–Julian Oscillation. <i>Monthly Weather Review</i> , 2011, 139, 2723-2734.	0.5	47
235	Mapping the Relationship between Northern Hemisphere Winter Surface Air Temperature and the Madden–Julian Oscillation. <i>Monthly Weather Review</i> , 2011, 139, 2439-2454.	0.5	15

#	ARTICLE	IF	CITATIONS
236	Impacts of Idealized Air–Sea Coupling on Madden–Julian Oscillation Structure in the Superparameterized CAM. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1990-2008.	0.6	45
237	The Asian Monsoon in the Superparameterized CCSM and Its Relationship to Tropical Wave Activity. <i>Journal of Climate</i> , 2011, 24, 5134-5156.	1.2	65
238	The Role of Moisture–Convection Feedbacks in Simulating the Madden–Julian Oscillation. <i>Journal of Climate</i> , 2011, 24, 2754-2770.	1.2	100
239	Kinetic Energy Budget for the Madden–Julian Oscillation in a Multiscale Framework. <i>Journal of Climate</i> , 2012, 25, 5386-5403.	1.2	24
240	Study of the microphysical properties associated with the Monsoon Intraseasonal Oscillation as seen from the TRMM observations. <i>Annales Geophysicae</i> , 2012, 30, 897-910.	0.6	17
241	Convective Momentum Transport by Rainbands within a Madden–Julian Oscillation in a Global Nonhydrostatic Model with Explicit Deep Convective Processes. Part I: Methodology and General Results. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 1317-1338.	0.6	42
242	A Frictional Skeleton Model for the Madden–Julian Oscillation*. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2749-2758.	0.6	28
243	Optimal Initial Perturbations for Ensemble Prediction of the Madden–Julian Oscillation during Boreal Winter. <i>Journal of Climate</i> , 2012, 25, 4932-4945.	1.2	14
244	Using the Stochastic Multicloud Model to Improve Tropical Convective Parameterization: A Paradigm Example. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 1080-1105.	0.6	76
245	Spectral Analysis of Tropical Atmospheric Dynamical Variables Using a Linear Shallow-Water Modal Decomposition. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2300-2316.	0.6	29
246	Potential Vorticity of the Madden–Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 65-78.	0.6	63
247	Moist Static Energy Budget of MJO-like Disturbances in the Atmosphere of a Zonally Symmetric Aquaplanet. <i>Journal of Climate</i> , 2012, 25, 2782-2804.	1.2	207
248	The “Year” of Tropical Convection (May 2008–April 2010): Climate Variability and Weather Highlights. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1189-1218.	1.7	164
249	Potential Vorticity Accumulation Following Atmospheric Kelvin Waves in the Active Convective Region of the MJO. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 908-914.	0.6	10
250	In Situ Observations of Madden–Julian Oscillation Mixed Layer Dynamics in the Indian and Western Pacific Oceans. <i>Journal of Climate</i> , 2012, 25, 2306-2328.	1.2	55
251	Asymmetric Modulation of Western North Pacific Cyclogenesis by the Madden–Julian Oscillation under ENSO Conditions. <i>Journal of Climate</i> , 2012, 25, 5374-5385.	1.2	63
252	Influence of the Madden–Julian Oscillation and Intraseasonal Waves on Surface Wind and Convection of the Tropical Atlantic Ocean. <i>Journal of Climate</i> , 2012, 25, 8057-8074.	1.2	3
253	Modulation of Tropical Cyclones over the Eastern Pacific by the Intraseasonal Variability Simulated in an AGCM. <i>Journal of Climate</i> , 2012, 25, 6524-6538.	1.2	85

#	ARTICLE	IF	CITATIONS
254	Spatial Intensity Variations in Extreme Precipitation in the Contiguous United States and the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2012, 25, 4898-4913.	1.2	57
255	Multiscale Convective Organization and the YOTC Virtual Global Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1171-1187.	1.7	105
256	Dynamical Ocean Forcing of the Madden-Julian Oscillation at Lead Times of up to Five Months. <i>Journal of Climate</i> , 2012, 25, 2824-2842.	1.2	21
257	Excitation of Rainfall over the Tropical Western Pacific. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2983-2994.	0.6	45
258	A Global View of Equatorial Waves and Tropical Cyclogenesis. <i>Monthly Weather Review</i> , 2012, 140, 774-788.	0.5	81
259	The Importance of the Nontraditional Coriolis Terms in Large-Scale Motions in the Tropics Forced by Prescribed Cumulus Heating. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2699-2716.	0.6	25
261	Intraseasonal oscillation (ISO) in the MLT zonal wind over Kolhapur (16.8° N) and Tirunelveli (8.7° N). <i>Annales Geophysicae</i> , 2012, 30, 1623-1631.	0.6	6
262	Role of the Boundary Layer Moisture Asymmetry in Causing the Eastward Propagation of the Madden-Julian Oscillation*. <i>Journal of Climate</i> , 2012, 25, 4914-4931.	1.2	231
263	The Spectrum of Convectively Coupled Kelvin Waves and the Madden-Julian Oscillation in Regions of Low-Level Easterly and Westerly Background Flow. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2107-2111.	0.6	45
264	The MJO Transition from Shallow to Deep Convection in CloudSat/CALIPSO Data and GISS GCM Simulations. <i>Journal of Climate</i> , 2012, 25, 3755-3770.	1.2	171
265	The Leading Pattern of Intraseasonal and Interannual Indian Ocean Precipitation Variability and Its Relationship with Asian Circulation during the Boreal Cold Season. <i>Journal of Climate</i> , 2012, 25, 7509-7526.	1.2	48
266	Initiation of Boreal Summer Intraseasonal Oscillation: Dynamic Contribution by Potential Vorticity. <i>Monthly Weather Review</i> , 2012, 140, 1748-1760.	0.5	12
267	Intraseasonal Tropical Atmospheric Variability Associated with the Two Flavors of El Niño. <i>Monthly Weather Review</i> , 2012, 140, 3669-3681.	0.5	70
268	The ISO Events in the Winter of 2007. <i>Atmospheric and Oceanic Science Letters</i> , 2012, 5, 151-155.	0.5	1
269	An Assessment of MJO and Tropical Waves Simulated by Different Versions of the GAMIL Model. <i>Atmospheric and Oceanic Science Letters</i> , 2012, 5, 26-31.	0.5	4
270	Classification of remote Pacific coral reefs by physical oceanographic environment. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21
271	Impact of Large-scale Climatic Oscillations on Snowfall-related Climate Parameters in the World's Major Downhill Ski Areas: A Review. <i>Mountain Research and Development</i> , 2012, 32, 431-445.	0.4	4
272	Multi-scale meteorological conceptual analysis of observed active fire hotspot activity and smoke optical depth in the Maritime Continent. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2117-2147.	1.9	134

#	ARTICLE	IF	CITATIONS
273	Vertical structure of MJO-related subtropical ozone variations from MLS, TES, and SHADOZ data. Atmospheric Chemistry and Physics, 2012, 12, 425-436.	1.9	23
274	Weak Pressure Gradient Approximation and Its Analytical Solutions. Journals of the Atmospheric Sciences, 2012, 69, 2835-2845.	0.6	36
275	Reduction of tropical land region precipitation variability via transpiration. Geophysical Research Letters, 2012, 39, .	1.5	35
276	Madden-Julian Oscillation in a climate model with a well-resolved stratosphere. Journal of Geophysical Research, 2012, 117, .	3.3	15
277	Mechanisms of summer intraseasonal sea surface temperature oscillations in the Bay of Bengal. Journal of Geophysical Research, 2012, 117, .	3.3	38
278	East Pacific ocean eddies and their relationship to subseasonal variability in Central American wind jets. Journal of Geophysical Research, 2012, 117, .	3.3	16
279	The influences of ENSO on tropical cyclone activity in the Bay of Bengal during October-December. Journal of Geophysical Research, 2012, 117, .	3.3	134
280	Interannual variation of multiple tropical cyclone events in the western North Pacific. Advances in Atmospheric Sciences, 2012, 29, 1279-1291.	1.9	14
281	A review of global satellite-derived snow products. Advances in Space Research, 2012, 50, 1007-1029.	1.2	242
282	Mining time-lagged relationships in spatio-temporal climate data. , 2012, , .		4
283	Multiscale theories for the MJO. , 2012, , 549-568.		3
284	The dynamics of wind-driven intraseasonal variability in the equatorial Indian Ocean. Journal of Geophysical Research, 2012, 117, .	3.3	36
285	The moisture source sequence for the Madden-Julian Oscillation as derived from satellite retrievals of HDO and H ₂ O. Journal of Geophysical Research, 2012, 117, .	3.3	29
286	The event-to-event variability of the boreal winter MJO. Geophysical Research Letters, 2012, 39, .	1.5	14
287	Tropical Indo-Pacific Ocean chlorophyll response to MJO forcing. Journal of Geophysical Research, 2012, 117, .	3.3	10
288	Abnormal upwelling and chlorophyll concentration off South Vietnam in summer 2007. Journal of Geophysical Research, 2012, 117, .	3.3	27
289	Structural evolution of the Madden-Julian Oscillation from COSMIC radio occultation data. Journal of Geophysical Research, 2012, 117, .	3.3	29
290	Intraseasonal temperature variability in the upper troposphere and lower stratosphere from the GPS radio occultation measurements. Journal of Geophysical Research, 2012, 117, .	3.3	13

#	ARTICLE	IF	CITATIONS
291	Weather Prediction Models. , 2012, , 89-114.		2
292	Equatorial Planetary Waves and Their Signature in Atmospheric Variability. Journals of the Atmospheric Sciences, 2012, 69, 857-874.	0.6	35
293	CONVECTIVE BURSTS AND THE COUPLING OF SATURN'S EQUATORIAL STORMS AND INTERIOR ROTATION. Astrophysical Journal, 2012, 746, 51.	1.6	10
294	Tropical Channel Model. , 0, , .		5
295	Mean State and the MJO in a High Resolution Nested Regional Climate Model. , 0, , .		0
296	The South American Monsoon System: Climatology and Variability. , 0, , .		22
297	A lightning climatology of the South-West Indian Ocean. Natural Hazards and Earth System Sciences, 2012, 12, 2659-2670.	1.5	34
298	Impact of the sea surface temperature forcing on hindcasts of Madden-Julian Oscillation events using the ECMWF model. Ocean Science, 2012, 8, 1071-1084.	1.3	21
299	Observed triggering of tropical convection by a cold surge: implications for MJO initiation. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1740-1750.	1.0	33
300	Ocean Rossby waves as a triggering mechanism for primary Madden-Julian events. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 514-527.	1.0	57
301	Tracking and prediction of large-scale organized tropical convection by spectrally focused two-step space-time EOF analysis. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 919-931.	1.0	21
302	Analysis of vertically propagating convectively coupled equatorial waves using observations and a non-hydrostatic Boussinesq model on the equatorial beta-plane. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1004-1017.	1.0	14
303	Observed Structure of Convectively Coupled Waves as a Function of Equivalent Depth: Kelvin Waves and the Madden-Julian Oscillation. Journals of the Atmospheric Sciences, 2012, 69, 2097-2106.	0.6	59
304	Tropical intraseasonal rainfall variability in the CFSR. Climate Dynamics, 2012, 38, 2191-2207.	1.7	20
305	Bimodal representation of the tropical intraseasonal oscillation. Climate Dynamics, 2012, 38, 1989-2000.	1.7	223
306	A correlation of mean period of MJO indices and 11-yr solar variation. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 80, 195-207.	0.6	8
307	Impact of MJO on the diurnal cycle of rainfall over the western Maritime Continent in the austral summer. Climate Dynamics, 2012, 38, 1167-1180.	1.7	94
308	Test models for filtering and prediction of moisture-coupled tropical waves. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 119-136.	1.0	15

#	ARTICLE	IF	CITATIONS
309	Longitudinal localization of tropical intraseasonal variability. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 414-418.	1.0	8
310	Coherent patterns in long-term sea-level variability trends derived from long-term tide gauge measurements. International Journal of Climatology, 2013, 33, 577-584.	1.5	0
311	Convectively coupled wave–environment interactions. Theoretical and Computational Fluid Dynamics, 2013, 27, 513-532.	0.9	23
312	Decadal and long-term sea level variability in the tropical Indo-Pacific Ocean. Climate Dynamics, 2013, 41, 381-402.	1.7	113
313	MJO change with A1B global warming estimated by the 40-km ECHAM5. Climate Dynamics, 2013, 41, 1009-1023.	1.7	28
314	Intraseasonal variations in the tropical tropopause temperature revealed by cluster analysis of convective activity. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3545-3556.	1.2	4
315	The Relationship between the Madden-Julian Oscillation and U.S. Violent Tornado Outbreaks in the Spring. Monthly Weather Review, 2013, 141, 2087-2095.	0.5	70
316	Stochastic and deterministic multcloud parameterizations for tropical convection. Climate Dynamics, 2013, 41, 1527-1551.	1.7	41
317	Boreal summer intraseasonal variability simulated in the NCEP climate forecast system: insights from moist static energy budget and sensitivity to convective moistening. Climate Dynamics, 2013, 41, 1569-1594.	1.7	6
318	Understanding Madden-Julian-Induced sea surface temperature variations in the North Western Australian Basin. Climate Dynamics, 2013, 41, 3203-3218.	1.7	25
319	Multi-model MJO forecasting during DYNAMO/CINDY period. Climate Dynamics, 2013, 41, 1067-1081.	1.7	87
320	LMDZ5B: the atmospheric component of the IPSL climate model with revisited parameterizations for clouds and convection. Climate Dynamics, 2013, 40, 2193-2222.	1.7	256
321	A possible new mechanism for northward propagation of boreal summer intraseasonal oscillations based on TRMM and MERRA reanalysis. Climate Dynamics, 2013, 40, 1611-1624.	1.7	72
322	The impact of the MJO on clusters of wintertime circulation anomalies over the North American region. Climate Dynamics, 2013, 40, 1749-1766.	1.7	124
323	TropFlux wind stresses over the tropical oceans: evaluation and comparison with other products. Climate Dynamics, 2013, 40, 2049-2071.	1.7	102
324	Interannual variability of the Tropical Indian Ocean mixed layer depth. Climate Dynamics, 2013, 40, 743-759.	1.7	81
325	An event-by-event assessment of tropical intraseasonal perturbations for general circulation models. Climate Dynamics, 2013, 40, 857-873.	1.7	7
326	The impact of the diurnal cycle on the MJO over the Maritime Continent: a modeling study assimilating TRMM rain rate into global analysis. Climate Dynamics, 2013, 40, 893-911.	1.7	34

#	ARTICLE	IF	CITATIONS
327	MJO and Convectively Coupled Equatorial Waves Simulated by CMIP5 Climate Models. <i>Journal of Climate</i> , 2013, 26, 6185-6214.	1.2	286
328	Triggered Convection, Gravity Waves, and the MJO: A Shallow-Water Model. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2476-2486.	0.6	80
329	Preconditioning Deep Convection with Cumulus Congestus. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 448-464.	0.6	103
330	Influence of Madden-Julian Oscillation on water budget transported by the Somali low-level jet and the associated Indian summer monsoon rainfall. <i>Water Resources Research</i> , 2013, 49, 6474-6485.	1.7	12
331	Northward Propagation Mechanisms of the Boreal Summer Intraseasonal Oscillation in the ERA-Interim and SP-CCSM. <i>Journal of Climate</i> , 2013, 26, 1973-1992.	1.2	87
332	Variability of particulate matter (PM10) in Santiago, Chile by phase of the Madden-Julian Oscillation (MJO). <i>Atmospheric Environment</i> , 2013, 81, 304-310.	1.9	21
333	Understanding advances in the simulation of intraseasonal variability in the ECMWF model. Part I: The representation of the MJO. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1417-1426.	1.0	49
334	Relationship between an abrupt drought-flood transition over mid-low reaches of the Yangtze River in 2011 and the intraseasonal oscillation over mid-high latitudes of East Asia. <i>Journal of Meteorological Research</i> , 2013, 27, 129-143.	1.0	52
335	Minimal models for precipitating turbulent convection. <i>Journal of Fluid Mechanics</i> , 2013, 717, 576-611.	1.4	35
336	Intensified eastward and northward propagation of tropical intraseasonal oscillation over the equatorial Indian Ocean in a global warming scenario. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 167-174.	1.9	7
337	Effect of boundary layer latent heating on MJO simulations. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 101-115.	1.9	11
338	Intraseasonal oscillation in global ocean temperature inferred from Argo. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 29-40.	1.9	4
339	Impacts of upscale heat and momentum transfer by moist Kelvin waves on the Madden-Julian oscillation: a theoretical model study. <i>Climate Dynamics</i> , 2013, 40, 213-224.	1.7	24
340	Modulation of tropical ocean surface chlorophyll by the Madden-Julian Oscillation. <i>Climate Dynamics</i> , 2013, 40, 39-58.	1.7	26
341	Real-time multivariate indices for the boreal summer intraseasonal oscillation over the Asian summer monsoon region. <i>Climate Dynamics</i> , 2013, 40, 493-509.	1.7	368
342	Enhanced MJO-like Variability at High SST. <i>Journal of Climate</i> , 2013, 26, 988-1001.	1.2	79
343	The energy-cycle analysis of the interactions between shallow and deep atmospheric convection. <i>Dynamics of Atmospheres and Oceans</i> , 2013, 64, 27-52.	0.7	6
344	Beyond deadlock. <i>Geophysical Research Letters</i> , 2013, 40, 5970-5976.	1.5	69

#	ARTICLE	IF	CITATIONS
345	Optimal filtering of complex turbulent systems with memory depth through consistency constraints. <i>Journal of Computational Physics</i> , 2013, 237, 320-343.	1.9	3
346	Diurnal to interannual rainfall $\hat{1}80$ variations in northern Borneo driven by regional hydrology. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 108-119.	1.8	134
347	MJO Initiation in the Real-Time Multivariate MJO Index. <i>Journal of Climate</i> , 2013, 26, 1130-1151.	1.2	194
348	Changes in a modeled MJO with idealized global warming. <i>Climate Dynamics</i> , 2013, 40, 761-773.	1.7	14
349	Modulation of Western North Pacific Tropical Cyclone Activity by the ISO. Part I: Genesis and Intensity. <i>Journal of Climate</i> , 2013, 26, 2904-2918.	1.2	148
350	Climate science in the tropics: waves, vortices and PDEs. <i>Nonlinearity</i> , 2013, 26, R1-R68.	0.6	71
351	Observations of the Madden Julian Oscillation during Indian Ocean Dipole events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2588-2599.	1.2	56
352	Tropical Atlantic dust and smoke aerosol variations related to the Madden-Julian Oscillation in MODIS and MISR observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4947-4963.	1.2	30
353	Characteristics Associated with the Madden-Julian Oscillation at Manus Island. <i>Journal of Climate</i> , 2013, 26, 3342-3356.	1.2	5
354	Observing and understanding the Southeast Asian aerosol system by remote sensing: An initial review and analysis for the Seven Southeast Asian Studies (7SEAS) program. <i>Atmospheric Research</i> , 2013, 122, 403-468.	1.8	269
355	Deep Convective Systems Observed by A-Train in the Tropical Indo-Pacific Region Affected by the MJO. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 465-486.	0.6	24
356	Cracking the MJO nut. <i>Geophysical Research Letters</i> , 2013, 40, 1223-1230.	1.5	154
357	Influence of ENSO on the Diurnal Cycle of Rainfall over the Maritime Continent and Australia. <i>Journal of Climate</i> , 2013, 26, 1304-1321.	1.2	49
358	The Great Whirl: Observations of its seasonal development and interannual variability. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1-13.	1.0	120
359	A Description of the Madden-Julian Oscillation Based on a Self-Organizing Map. <i>Journal of Climate</i> , 2013, 26, 1716-1732.	1.2	17
360	Variability of central United States April-May tornado day likelihood by phase of the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2013, 40, 2790-2795.	1.5	67
361	Abrupt cooling associated with the oceanic Rossby wave and lateral advection during CINDY2011. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 5523-5535.	1.0	19
362	The Madden-Julian Oscillation in ECHAM6 and the Introduction of an Objective MJO Metric. <i>Journal of Climate</i> , 2013, 26, 3241-3257.	1.2	62

#	ARTICLE	IF	CITATIONS
363	Modulation of the Diurnal Cycle of Rainfall Associated with the MJO Observed by a Dense Hourly Rain Gauge Network at Sarawak, Borneo. <i>Journal of Climate</i> , 2013, 26, 4858-4875.	1.2	38
364	Tropical Precipitation Variability and Convectively Coupled Equatorial Waves on Submonthly Time Scales in Reanalyses and TRMM. <i>Journal of Climate</i> , 2013, 26, 3013-3030.	1.2	53
365	Impacts of Shallow Convection on MJO Simulation: A Moist Static Energy and Moisture Budget Analysis. <i>Journal of Climate</i> , 2013, 26, 2417-2431.	1.2	39
366	NOAA's Second-Generation Global Medium-Range Ensemble Reforecast Dataset. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1553-1565.	1.7	287
367	Diurnal Lightning Variability over the Maritime Continent: Impact of Low-Level Winds, Cloudiness, and the MJO. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 3128-3146.	0.6	37
368	Observed Evolution of Northward-Propagating Intraseasonal Variation over the Western Pacific: A Case Study in Boreal Early Summer. <i>Monthly Weather Review</i> , 2013, 141, 690-706.	0.5	6
369	Identifying the MJO, Equatorial Waves, and Their Impacts Using 32 Years of HIRS Upper-Tropospheric Water Vapor. <i>Journal of Climate</i> , 2013, 26, 1418-1431.	1.2	29
370	The Role of SST Structure in Convectively Coupled Kelvin-Rossby Waves and Its Implications for MJO Formation. <i>Journal of Climate</i> , 2013, 26, 5915-5930.	1.2	48
371	Tracking Pulses of the Madden-Julian Oscillation. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1871-1891.	1.7	351
372	Monitoring and Predicting the Intraseasonal Variability of the East Asian-Western North Pacific Summer Monsoon. <i>Monthly Weather Review</i> , 2013, 141, 1124-1138.	0.5	38
373	Origin of the Intraseasonal Variability over the North Pacific in Boreal Summer*. <i>Journal of Climate</i> , 2013, 26, 1211-1229.	1.2	49
374	Relative Roles of Circumnavigating Waves and Extratropics on the MJO and Its Relationship with the Mean State*. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 876-893.	0.6	50
375	Remote Forcing versus Local Feedback of East Pacific Intraseasonal Variability during Boreal Summer. <i>Journal of Climate</i> , 2013, 26, 3575-3596.	1.2	25
376	A Modified Multivariate Madden-Julian Oscillation Index Using Velocity Potential. <i>Monthly Weather Review</i> , 2013, 141, 4197-4210.	0.5	103
377	Subseasonal Prediction of Wintertime North American Surface Air Temperature during Strong MJO Events. <i>Monthly Weather Review</i> , 2013, 141, 2897-2909.	0.5	34
378	Large-Scale Distinctions between MJO and Non-MJO Convective Initiation over the Tropical Indian Ocean. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2696-2712.	0.6	47
379	Tropical precipitation and convection changes in the Max Planck Institute Earth system model (MPI-ESM) in response to CO ₂ forcing. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 85-97.	1.3	4
380	Climate and carbon cycle changes from 1850 to 2100 in MPI-ESM simulations for the Coupled Model Intercomparison Project phase 5. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 572-597.	1.3	1,280

#	ARTICLE	IF	CITATIONS
381	Madden-Julian oscillation as simulated by the MPI Earth System Model: Over the last and into the next millennium. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 71-84.	1.3	25
382	Impacts of the Madden-Julian Oscillation on the Summer South China Sea Ocean Circulation and Temperature. <i>Journal of Climate</i> , 2013, 26, 8084-8096.	1.2	19
383	Projections of global changes in precipitation extremes from Coupled Model Intercomparison Project Phase 5 models. <i>Geophysical Research Letters</i> , 2013, 40, 4887-4892.	1.5	120
384	A new method to compute the principal components from self-organizing maps: an application to monsoon intraseasonal oscillations. <i>International Journal of Climatology</i> , 2013, 34, n/a-n/a.	1.5	8
385	A Lagrangian Method for Simulating Geophysical Fluids. <i>Geophysical Monograph Series</i> , 2013, , 85-98.	0.1	2
386	Madden-Julian Oscillation: Bridging Weather and Climate. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1849-1870.	1.7	548
387	The precipitating cloud population of the Madden-Julian Oscillation over the Indian and west Pacific Oceans. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6996-7023.	1.2	68
388	Evolution of the Population of Precipitating Convective Systems over the Equatorial Indian Ocean in Active Phases of the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2713-2725.	0.6	100
389	Intraseasonal variability of sea surface height in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 816-830.	1.0	122
390	ARM Research In The Equatorial Western Pacific: A Decade And Counting. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 695-708.	1.7	22
391	West African Monsoon 2012. <i>Weather</i> , 2013, 68, 256-263.	0.6	14
392	A data-driven multi-cloud model for stochastic parametrization of deep convection. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120374.	1.6	29
393	Realistic initiation and dynamics of the Madden-Julian Oscillation in a coarse resolution aquaplanet GCM. <i>Geophysical Research Letters</i> , 2013, 40, 6252-6257.	1.5	40
394	The cloud population and onset of the Madden-Julian Oscillation over the Indian Ocean during DYNAMO-AMIE. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,979.	1.2	79
395	Impact of the quasi-biweekly oscillation over the western North Pacific on East Asian subtropical monsoon during early summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4421-4434.	1.2	63
396	Effects of the diurnal cycle in solar radiation on the tropical Indian Ocean mixed layer variability during wintertime Madden-Julian Oscillations. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4945-4964.	1.0	60
397	Trace metal and carbon isotopic variations in cave dripwater and stalagmite geochemistry from northern Borneo. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3567-3585.	1.0	20
398	Distinct manifestations of austral summer tropical intraseasonal oscillations. <i>Geophysical Research Letters</i> , 2013, 40, 3337-3341.	1.5	23

#	ARTICLE	IF	CITATIONS
399	Intraseasonal variations in the surface layer heat balance of the central equatorial Indian Ocean: The importance of zonal advection and vertical mixing. <i>Geophysical Research Letters</i> , 2013, 40, 2737-2741.	1.5	44
400	Observed intraseasonal thermocline variability in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3336-3349.	1.0	62
401	Atmospheric aerosol properties over the equatorial Indian Ocean and the impact of the Madden-Julian Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5736-5749.	1.2	22
402	The effect of the Madden-Julian Oscillation on station rainfall and river level in the Fly River system, Papua New Guinea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,926.	1.2	29
403	A link between tropical intraseasonal variability and Arctic stratospheric ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4280-4289.	1.2	12
404	Intraseasonal atmospheric forcing effects on the mean state of ocean surface chlorophyll. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 184-196.	1.0	7
405	Tropical storm-induced near-inertial internal waves during the Cirene experiment: Energy fluxes and impact on vertical mixing. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 358-380.	1.0	61
406	The Norwegian Earth System Model, NorESM1-M " Part 1: Description and basic evaluation of the physical climate. <i>Geoscientific Model Development</i> , 2013, 6, 687-720.	1.3	725
407	Clifford algebra-based structure filtering analysis for geophysical vector fields. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 563-570.	0.6	6
408	Origins of wind-driven intraseasonal sea level variations in the North Indian Ocean coastal waveguide. <i>Geophysical Research Letters</i> , 2013, 40, 5740-5744.	1.5	46
409	Large-Scale Oceanic Variability Associated with the Madden-Julian Oscillation during the CINDY/DYNAMO Field Campaign from Satellite Observations. <i>Remote Sensing</i> , 2013, 5, 2072-2092.	1.8	37
410	A Review of Climate Signals as Predictors of Long-Term Hydro- Climatic Variability. , 2013, , .		4
411	Microphysical characteristics of MJO convection over the Indian Ocean during DYNAMO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2543-2554.	1.2	43
412	Decadal change of South China Sea tropical cyclone activity in mid-1990s and its possible linkage with intraseasonal variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5331-5344.	1.2	27
413	Variability of extreme precipitation over Europe and its relationships with teleconnection patterns. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 709-725.	1.9	190
414	Simulation of monsoon intraseasonal oscillations in a coarse-resolution aquaplanet GCM. <i>Geophysical Research Letters</i> , 2014, 41, 5662-5669.	1.5	26
415	ECMWF and GFS model forecast verification during DYNAMO: Multiscale variability in MJO initiation over the equatorial Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3736-3755.	1.2	22
417	Modulation of the Convectively Coupled Kelvin Waves over South America and the Tropical Atlantic Ocean in Association with the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 1371-1388.	0.6	29

#	ARTICLE	IF	CITATIONS
418	Impact of diurnal forcing on intraseasonal sea surface temperature oscillations in the <sc>B</sc> of <sc>B</sc>engal. Journal of Geophysical Research: Oceans, 2014, 119, 8221-8241.	1.0	14
419	Effects of explicit atmospheric convection at high CO ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10943-10948.	3.3	24
420	Seaglider observations of equatorial Indian Ocean Rossby waves associated with the Madden-Julian Oscillation. Journal of Geophysical Research: Oceans, 2014, 119, 3714-3731.	1.0	21
421	A Stochastic Skeleton Model for the MJO. Journals of the Atmospheric Sciences, 2014, 71, 697-715.	0.6	67
422	Equatorial Dry Air Intrusion and Related Synoptic Variability in MJO Initiation during DYNAMO. Monthly Weather Review, 2014, 142, 1326-1343.	0.5	63
423	Coupled Impacts of the Diurnal Cycle of Sea Surface Temperature on the Madden-Julian Oscillation. Journal of Climate, 2014, 27, 8422-8443.	1.2	86
424	An explosive convective cloud system and its environmental conditions in MJO initiation observed during DYNAMO. Journal of Geophysical Research D: Atmospheres, 2014, 119, 2781-2795.	1.2	10
425	Predictability of the Madden-Julian Oscillation in the Intraseasonal Variability Hindcast Experiment (ISVHE)*. Journal of Climate, 2014, 27, 4531-4543.	1.2	165
426	Air-Sea Interactions from Westerly Wind Bursts During the November 2011 MJO in the Indian Ocean. Bulletin of the American Meteorological Society, 2014, 95, 1185-1199.	1.7	100
427	Propagating versus Nonpropagating Madden-Julian Oscillation Events. Journal of Climate, 2014, 27, 111-125.	1.2	194
428	Spontaneous Superrotation and the Role of Kelvin Waves in an Idealized Dry GCM. Journals of the Atmospheric Sciences, 2014, 71, 596-614.	0.6	30
429	Observations of Temperature, Wind, Cirrus, and Trace Gases in the Tropical Tropopause Transition Layer during the MJO*. Journals of the Atmospheric Sciences, 2014, 71, 1143-1157.	0.6	47
430	The Role of Interactions between Multiscale Circulations on the Observed Zonally Averaged Zonal Wind Variability Associated with the Madden-Julian Oscillation. Journals of the Atmospheric Sciences, 2014, 71, 3816-3836.	0.6	7
431	The Intraseasonal Variability of African Easterly Wave Energetics. Journal of Climate, 2014, 27, 6559-6580.	1.2	13
432	Three-Dimensional Structure and Evolution of the MJO and Its Relation to the Mean Flow. Journals of the Atmospheric Sciences, 2014, 71, 2007-2026.	0.6	133
433	Modulation of Daily Precipitation over East Africa by the Madden-Julian Oscillation*. Journal of Climate, 2014, 27, 6016-6034.	1.2	61
434	Variability of the Australian Monsoon and Precipitation Trends at Darwin. Journal of Climate, 2014, 27, 8487-8500.	1.2	28
435	Regression Analysis of Zonally Narrow Components of the MJO. Journals of the Atmospheric Sciences, 2014, 71, 4253-4275.	0.6	14

#	ARTICLE	IF	CITATIONS
436	Maddenâ€™s Julian Oscillation and the Winter Rainfall in Taiwan. <i>Journal of Climate</i> , 2014, 27, 4521-4530.	1.2	17
437	Predictability and Prediction Skill of the MJO in Two Operational Forecasting Systems. <i>Journal of Climate</i> , 2014, 27, 5364-5378.	1.2	125
438	Gross Moist Stability and MJO Simulation Skill in Three Full-Physics GCMs. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3327-3349.	0.6	84
439	Using a caseâ€™study approach to improve the Maddenâ€™s Julian oscillation in the Hadley Centre model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2491-2505.	1.0	61
440	Propagation of the Maddenâ€™s Julian Oscillation through the Maritime Continent and scale interaction with the diurnal cycle of precipitation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 814-825.	1.0	229
441	Lagrangian overturning and the Maddenâ€™s Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1344-1361.	1.0	14
442	Low-frequency modes in an equatorial shallow-water model with moisture gradients. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1838-1846.	1.0	21
443	Eastern Pacific Intraseasonal Variability: A Predictability Perspective. <i>Journal of Climate</i> , 2014, 27, 8869-8883.	1.2	14
444	Research progress in China on the tropical atmospheric intraseasonal oscillation. <i>Journal of Meteorological Research</i> , 2014, 28, 671-692.	0.9	17
445	A Comparison of OLR and Circulation-Based Indices for Tracking the MJO. <i>Monthly Weather Review</i> , 2014, 142, 1697-1715.	0.5	344
446	The moist static energy budget in NCAR CAM5 hindcasts during DYNAMO. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 420-440.	1.3	73
447	Multiscale Interactions in an Idealized Walker Circulation: Mean Circulation and Intraseasonal Variability. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 953-971.	0.6	17
449	Skillful Wintertime North American Temperature Forecasts out to 4 Weeks Based on the State of ENSO and the MJO*. <i>Weather and Forecasting</i> , 2014, 29, 23-38.	0.5	79
450	Representation of tropical subseasonal variability of precipitation in global reanalyses. <i>Climate Dynamics</i> , 2014, 43, 517-534.	1.7	23
451	A study on airâ€™sea interaction on the simulated seasonal climate in an oceanâ€™atmosphere coupled model. <i>Climate Dynamics</i> , 2014, 42, 1175-1187.	1.7	14
452	Impacts of the MJO in the Indian Ocean and on the Western Australian coast. <i>Climate Dynamics</i> , 2014, 42, 579-595.	1.7	38
453	The intraseasonal oscillations of precipitation and circulations from January to March in 2010 in East Asia. <i>Meteorology and Atmospheric Physics</i> , 2014, 123, 67-79.	0.9	6
454	MJO structure associated with the higher-order CEOF modes. <i>Climate Dynamics</i> , 2014, 43, 1939-1950.	1.7	10

#	ARTICLE	IF	CITATIONS
455	Summer precipitation variability over South America on long and short intraseasonal timescales. <i>Climate Dynamics</i> , 2014, 43, 1993-2007.	1.7	40
456	Periodic Variability in the Large-Scale Southern Hemisphere Atmospheric Circulation. <i>Science</i> , 2014, 343, 641-645.	6.0	57
457	Simulation of monsoon intraseasonal variability in NCEP CFSv2 and its role on systematic bias. <i>Climate Dynamics</i> , 2014, 43, 2725-2745.	1.7	84
458	Processes of interannual mixed layer temperature variability in the thermocline ridge of the Indian Ocean. <i>Climate Dynamics</i> , 2014, 43, 2377-2397.	1.7	16
459	The self-organizing map, a new approach to apprehend the Madden-Julian Oscillation influence on the intraseasonal variability of rainfall in the southern African region. <i>Climate Dynamics</i> , 2014, 43, 1557-1573.	1.7	11
460	The dominant intraseasonal mode of intraseasonal South Asian summer monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 635-651.	1.2	27
461	Seismic velocity variations at TCDP are controlled by MJO driven precipitation pattern and high fluid discharge properties. <i>Earth and Planetary Science Letters</i> , 2014, 391, 121-127.	1.8	49
462	Aquarius surface salinity and the Madden-Julian Oscillation: The role of salinity in surface layer density and potential energy. <i>Geophysical Research Letters</i> , 2014, 41, 2858-2869.	1.5	31
463	The prominence of a tropical convective signal in the wintertime Arctic temperature. <i>Atmospheric Science Letters</i> , 2014, 15, 7-12.	0.8	19
464	Intra- and Interseasonal Autoregressive Prediction of Dengue Outbreaks Using Local Weather and Regional Climate for a Tropical Environment in Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 598-610.	0.6	80
465	Convective Characteristics of the Madden-Julian Oscillation over the Central Indian Ocean Observed by Shipborne Radar during DYNAMO. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2859-2877.	0.6	69
466	Process-Oriented MJO Simulation Diagnostic: Moisture Sensitivity of Simulated Convection. <i>Journal of Climate</i> , 2014, 27, 5379-5395.	1.2	92
467	Does sea surface temperature outside the tropical Pacific contribute to enhanced ENSO predictability?. <i>Climate Dynamics</i> , 2014, 43, 1311-1325.	1.7	49
468	Revisiting the Wintertime Intraseasonal SST Variability in the Tropical South Indian Ocean: Impact of the Ocean Interannual Variation*. <i>Journal of Physical Oceanography</i> , 2014, 44, 1886-1907.	0.7	36
469	Some Aspects of Western Hemisphere Circulation and the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2027-2039.	0.6	23
470	Cool, elevated chlorophyll-a waters off northern Mozambique. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 100, 68-78.	0.6	19
471	To begin or not to begin? A case study on the MJO initiation problem. <i>Theoretical and Applied Climatology</i> , 2014, 115, 231-241.	1.3	9
472	A typology for intraseasonal oscillations. <i>International Journal of Climatology</i> , 2014, 34, 430-445.	1.5	13

#	ARTICLE	IF	CITATIONS
473	The role of tilted heating in the evolution of the MJO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2966-2989.	1.2	26
474	Subseasonal variations in salinity and barrier layer thickness in the eastern equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 805-823.	1.0	56
475	The role of moist processes in the intrinsic predictability of Indian Ocean cyclones. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 8032-8048.	1.2	18
476	Diagnosing MJO hindcast biases in NCAR CAM3 using nudging during the DYNAMO field campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7231-7253.	1.2	13
477	Northern Hemisphere mid-winter vortex displacement and vortex split stratospheric sudden warmings: Influence of the Madden-Julian Oscillation and Quasi-Biennial Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 12,599.	1.2	66
478	A theory of the MJO horizontal scale. <i>Geophysical Research Letters</i> , 2014, 41, 1059-1064.	1.5	39
479	Addressing model error through atmospheric stochastic physical parametrizations: impact on the coupled ECMWF seasonal forecasting system. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130290.	1.6	73
480	The response of the equatorial tropospheric ozone to the Madden-Julian Oscillation in TES satellite observations and CAM-chem model simulation. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11775-11790.	1.9	8
481	Moist dynamics of active/break cycle of Indian summer monsoon rainfall from NCEPR2 and MERRA reanalysis. <i>International Journal of Climatology</i> , 2014, 34, 1429-1444.	1.5	23
482	Impact of a Stochastic Kinetic Energy Backscatter scheme across time scales and resolutions. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2625-2637.	1.0	10
483	Radar observations of MJO and Kelvin wave interactions during DYNAMO/CINDY2011/AMIE. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6347-6367.	1.2	21
484	The surface mixed layer heat budget from mooring observations in the central Indian Ocean during Madden-Julian Oscillation events. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4638-4652.	1.0	43
485	Natural Gas Prices and the Extreme Winters of 2011/12 and 2013/14: Causes, Indicators, and Interactions. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1879-1894.	1.7	4
486	Sensitivity of tropical deep convection in global models: effects of horizontal resolution, surface constraints, and 3D atmospheric nudging. <i>Atmospheric Science Letters</i> , 2015, 16, 148-154.	0.8	5
487	Cloud organization and growth during the transition from suppressed to active MJO conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,324.	1.2	43
488	The Madden-Julian Oscillation in a warmer world. <i>Geophysical Research Letters</i> , 2015, 42, 6034-6042.	1.5	48
489	Systematic decomposition of the Madden-Julian Oscillation into balanced and inertio-gravity components. <i>Geophysical Research Letters</i> , 2015, 42, 6829-6835.	1.5	21
490	Southern Bay of Bengal currents and salinity intrusions during the northeast monsoon. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6897-6913.	1.0	37

#	ARTICLE	IF	CITATIONS
491	Vertical structure and physical processes of the Madden-Julian Oscillation: Biases and uncertainties at short range. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4749-4763.	1.2	26
492	Multiscale influences on extreme winter rainfall in the Philippines. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3292-3309.	1.2	37
493	Evidence for a modulation of the intraseasonal summer temperature in Eastern Patagonia by the Madden-Julian Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7340-7357.	1.2	14
494	Consequences of systematic model drift in DYNAMO MJO hindcasts with SP-CAM and CAM5. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1051-1074.	1.3	14
495	Global-scale convective aggregation: Implications for the Madden-Julian Oscillation. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1499-1518.	1.3	141
496	Quantifying the processes controlling intraseasonal mixed-layer temperature variability in the tropical Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 692-715.	1.0	33
497	The climatological relationship between tropical cyclones in the southwest pacific and the Madden-Julian Oscillation. <i>International Journal of Climatology</i> , 2015, 35, 676-686.	1.5	28
498	The observed and modelled influence of the Madden-Julian Oscillation on East African rainfall. <i>Meteorological Applications</i> , 2015, 22, 459-469.	0.9	19
499	Intraseasonal variability of upwelling in the equatorial Eastern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7598-7615.	1.0	42
500	A Momentum Budget Analysis of Westerly Wind Events Associated with the Madden-Julian Oscillation during DYNAMO. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3780-3799.	0.6	13
501	Regional characteristics of tropical expansion and the role of climate variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6809-6824.	1.2	53
502	Intraseasonal Variability and Seasonal March of the Moist Static Energy Budget over the Eastern Maritime Continent during CINDY2011/DYNAMO. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 81-100.	0.7	22
503	Simulations of cloud-radiation interaction using large-scale forcing derived from the CINDY/DYNAMO northern sounding array. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1472-1498.	1.3	19
504	Analysis of MJO Wind-Flux Feedbacks in the Indian Ocean Using RAMA Buoy Observations. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 1-20.	0.7	28
505	Relationship between Cumulus Activity and Environmental Moisture during the CINDY2011/DYNAMO Field Experiment as Revealed from Convection-Resolving Simulations. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 41-58.	0.7	19
506	Equatorially Antisymmetric Features in the Initiation Processes of the Madden-Julian Oscillation Observed in Late October during CINDY2011. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 59-79.	0.7	3
507	Ocean Response to CINDY/DYNAMO MJOs in Air-Sea-Coupled COAMPS. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 157-178.	0.7	22
508	An Ensemble Hindcast of the Madden-Julian Oscillation during the CINDY2011/DYNAMO Field Campaign and Influence of Seasonal Variation of Sea Surface Temperature. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93A, 115-137.	0.7	11

#	ARTICLE	IF	CITATIONS
509	Latent heating characteristics of the MJO computed from TRMM Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1322-1334.	1.2	26
510	Moist processes during MJO events as diagnosed from water isotopic measurements from the IASI satellite. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,619-10,636.	1.2	9
511	Observations of the temporal variability in aerosol properties and their relationships to meteorology in the summer monsoonal South China Sea/East Sea: the scale-dependent role of monsoonal flows, the Madden-Julian Oscillation, tropical cyclones, squall lines and cold pools. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1745-1768.	1.9	39
512	Role of water vapor and convection-circulation decoupling in MJO simulations by a tropical channel model. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 692-711.	1.3	12
513	The coupling of mixed Rossby-gravity waves with diabatic heating during the TRMM-KWAJEX field campaign. <i>Geophysical Research Letters</i> , 2015, 42, 8241-8249.	1.5	7
514	Vertical structure and physical processes of the Madden-Julian oscillation: Synthesis and summary. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4671-4689.	1.2	58
515	Convective Momentum Transport Associated with the Madden-Julian Oscillation Based on a Reanalysis Dataset. <i>Journal of Climate</i> , 2015, 28, 5763-5782.	1.2	6
516	Atmosphere-ocean coupled processes in the Madden-Julian oscillation. <i>Reviews of Geophysics</i> , 2015, 53, 1099-1154.	9.0	206
517	NOAA's African Desk: Twenty Years of Developing Capacity in Weather and Climate Forecasting in Africa. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 737-753.	1.7	12
518	An Examination of the Thermodynamic Impacts of Western North Pacific Tropical Cyclones on Their Tropical Tropospheric Environment. <i>Journal of Climate</i> , 2015, 28, 7529-7560.	1.2	11
519	Transforming circumnavigating Kelvin waves that initiate and dissipate the Madden-Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1586-1602.	1.0	33
520	Vertical structure and physical processes of the Madden-Julian oscillation: Linking hindcast fidelity to simulated diabatic heating and moistening. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4690-4717.	1.2	63
521	Evolution of precipitation and convective echo top heights observed by TRMM radar over the Indian Ocean during DYNAMO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3906-3919.	1.2	25
522	Effect of dry large-scale vertical motions on initial MJO convective onset. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4783-4805.	1.2	62
523	A dynamical framework for the origin of the diagonal South Pacific and South Atlantic Convergence Zones. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1997-2010.	1.0	60
524	The MJO skeleton model with observation-based background state and forcing. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2654-2669.	1.0	18
525	The Influence of the MJO on the Intraseasonal Variability of Northern Hemisphere Spring Snow Depth. <i>Journal of Climate</i> , 2015, 28, 7250-7262.	1.2	15
526	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

#	ARTICLE	IF	CITATIONS
527	TROPICAL METEOROLOGY AND CLIMATE Maddenâ€™Julian Oscillation. , 2015, , 137-145.		0
528	Investigation of weather anomalies in the low-latitude islands of the Indian Ocean in 1991. <i>Annales Geophysicae</i> , 2015, 33, 789-804.	0.6	1
529	Response of CO ₂ and H ₂ O fluxes in a mountainous tropical rainforest in equatorial Indonesia to El Niño events. <i>Biogeosciences</i> , 2015, 12, 6655-6667.	1.3	14
530	Temperature Variability over the Po Valley, Italy, according to Radiosounding Data. <i>Advances in Meteorology</i> , 2015, 2015, 1-9.	0.6	2
531	Variability of summer humidity during the past 800 years on the eastern Tibetan Plateau inferred from δ ¹⁸ O of tree-ring cellulose. <i>Climate of the Past</i> , 2015, 11, 327-337.	1.3	62
532	Thermal air-sea coupling in hindcast simulations for the North Sea and Baltic Sea on the NW European shelf. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 67, 26911.	0.8	45
533	The parametric sensitivity of CAM5's MJO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1424-1444.	1.2	51
534	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.	1.2	17
535	Intraseasonal sea surface salinity variability in the equatorial Indian Ocean induced by Madden-Julian oscillations. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 2233-2258.	1.0	54
536	A spatial-temporal projection model for extended-range forecast in the tropics. <i>Climate Dynamics</i> , 2015, 45, 1085-1098.	1.7	35
537	Intraseasonal Variability of Hail in the Contiguous United States: Relationship to the Madden-Julian Oscillation. <i>Monthly Weather Review</i> , 2015, 143, 1086-1103.	0.5	29
538	MetUM-GOML1: a near-globally coupled atmosphere-ocean-mixed-layer model. <i>Geoscientific Model Development</i> , 2015, 8, 363-379.	1.3	45
539	The Continuum of Wintertime Southern Hemisphere Atmospheric Teleconnection Patterns*,+. <i>Journal of Climate</i> , 2015, 28, 9507-9529.	1.2	13
540	Distinctive Roles of Air-Sea Coupling on Different MJO Events: A New Perspective Revealed from the DYNAMO/CINDY Field Campaign*. <i>Monthly Weather Review</i> , 2015, 143, 794-812.	0.5	42
541	Contrasting Madden-Julian Oscillation activity during various stages of EP and CP El Niño. <i>Atmospheric Science Letters</i> , 2015, 16, 32-37.	0.8	43
542	On the Interpretation of EOF Analysis of ENSO, Atmospheric Kelvin Waves, and the MJO. <i>Journal of Climate</i> , 2015, 28, 1148-1165.	1.2	34
543	Morphology, Intensity, and Rainfall Production of MJO Convection: Observations from DYNAMO Shipborne Radar and TRMM. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 623-640.	0.6	36
544	Interannual variation of cloud optical properties at ACRF Manus and Nauru sites from MFRSR measurements. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 153, 29-37.	1.1	1

#	ARTICLE	IF	CITATIONS
545	Implication of Maddenâ€“Julian Oscillation phase on the Eastern Amazon climate. Atmospheric Science Letters, 2015, 16, 318-323.	0.8	1
546	Sounding-Based Thermodynamic Budgets for DYNAMO. Journals of the Atmospheric Sciences, 2015, 72, 598-622.	0.6	95
547	The MJO in a Coarse-Resolution GCM with a Stochastic Multicloud Parameterization. Journals of the Atmospheric Sciences, 2015, 72, 55-74.	0.6	75
548	A spatialâ€“temporal projection model for 10â€“30 day rainfall forecast in South China. Climate Dynamics, 2015, 44, 1227-1244.	1.7	57
549	A case study of the impact of boreal summer intraseasonal oscillations on Yangtze rainfall. Climate Dynamics, 2015, 44, 2683-2702.	1.7	47
550	Bay of Bengal: coupling of pre-monsoon tropical cyclones with the monsoon onset in Myanmar. Climate Dynamics, 2015, 45, 697-709.	1.7	11
551	Asymmetric intraseasonal events in the stochastic skeleton MJO model with seasonal cycle. Climate Dynamics, 2015, 45, 603-618.	1.7	21
552	Cloud-radiation feedback and atmosphere-ocean coupling in a stochastic multicloud model. Dynamics of Atmospheres and Oceans, 2015, 71, 35-55.	0.7	9
553	Precursor Environmental Conditions Associated with the Termination of Maddenâ€“Julian Oscillation Events. Journals of the Atmospheric Sciences, 2015, 72, 1908-1931.	0.6	20
554	Variation of Lightning and Convective Rain Fraction in Mesoscale Convective Systems of the MJO. Journals of the Atmospheric Sciences, 2015, 72, 1932-1944.	0.6	29
555	An Analysis of the Environmental Moisture Impacts of Western North Pacific Tropical Cyclones. Journal of Climate, 2015, 28, 2600-2622.	1.2	9
556	Diurnally Modulated Cumulus Moistening in the Preonset Stage of the Maddenâ€“Julian Oscillation during DYNAMO*. Journals of the Atmospheric Sciences, 2015, 72, 1622-1647.	0.6	110
557	Tropical Oceanic Rainfall and Sea Surface Temperature Structure: Parsing Causation from Correlation in the MJO. Journals of the Atmospheric Sciences, 2015, 72, 2703-2718.	0.6	14
558	Objective Diagnostics and the Maddenâ€“Julian Oscillation. Part I: Methodology. Journal of Climate, 2015, 28, 4127-4140.	1.2	11
559	CLIMATE AND CLIMATE CHANGE Global Impacts of the Maddenâ€“Julian Oscillation. , 2015, , 73-79.		1
560	Observation of Moisture Tendencies Related to Shallow Convection. Journals of the Atmospheric Sciences, 2015, 72, 641-659.	0.6	33
561	The MJO Cycle Forcing of the North Atlantic Circulation: Intervention Experiments with the Community Earth System Model. Journals of the Atmospheric Sciences, 2015, 72, 660-681.	0.6	17
562	A Systematic Relationship between the Representations of Convectively Coupled Equatorial Wave Activity and the Maddenâ€“Julian Oscillation in Climate Model Simulations. Journal of Climate, 2015, 28, 1881-1904.	1.2	29

#	ARTICLE	IF	CITATIONS
563	MJO Intensification with Warming in the Superparameterized CESM. <i>Journal of Climate</i> , 2015, 28, 2706-2724.	1.2	74
564	Resolving the upper-ocean warm layer improves the simulation of the Madden-Julian oscillation. <i>Climate Dynamics</i> , 2015, 44, 1487-1503.	1.7	42
565	Tropical Indian Ocean subsurface temperature variability and the forcing mechanisms. <i>Climate Dynamics</i> , 2015, 44, 2447-2462.	1.7	53
566	The Global Influence of the Madden-Julian Oscillation on Extreme Temperature Events*. <i>Journal of Climate</i> , 2015, 28, 4141-4151.	1.2	57
567	Regional Simulation of the October and November MJO Events Observed during the CINDY/DYNAMO Field Campaign at Gray Zone Resolution. <i>Journal of Climate</i> , 2015, 28, 2097-2119.	1.2	87
568	Some Climatological Aspects of the Madden-Julian Oscillation (MJO). <i>Journal of Climate</i> , 2015, 28, 6039-6053.	1.2	55
569	Moistening Processes for Madden-Julian Oscillations during DYNAMO/CINDY. <i>Journal of Climate</i> , 2015, 28, 3041-3057.	1.2	22
570	MJO Initiation Processes over the Tropical Indian Ocean during DYNAMO/CINDY2011*. <i>Journal of Climate</i> , 2015, 28, 2121-2135.	1.2	50
571	Roles of Barotropic Convective Momentum Transport in the Intraseasonal Oscillation*. <i>Journal of Climate</i> , 2015, 28, 4908-4920.	1.2	22
572	The Madden-Julian Oscillation's Influence on Spring Rainy Season Precipitation over Equatorial West Africa*. <i>Journal of Climate</i> , 2015, 28, 8653-8672.	1.2	31
573	The Madden-Julian Oscillation and Boreal Winter Forecast Skill: An Analysis of NCEP CFSv2 Reforecasts. <i>Journal of Climate</i> , 2015, 28, 6297-6307.	1.2	16
574	A Study of CINDY/DYNAMO MJO Suppressed Phase. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3755-3779.	0.6	33
575	The Development of Upper-Tropospheric Wind over the Western Hemisphere in Association with MJO Convective Initiation. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3138-3160.	0.6	30
576	Evolution, Properties, and Spatial Variability of MJO Convection near and off the Equator during DYNAMO. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 4126-4147.	0.6	24
577	A Spatiotemporal Stochastic Model for Tropical Precipitation and Water Vapor Dynamics. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 4721-4738.	0.6	34
578	Enhanced Persistence of Equatorial Waves via Convergence Coupling in the Stochastic Multicloud Model. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 4701-4720.	0.6	2
579	Objective Diagnostics and the Madden-Julian Oscillation. Part II: Application to Moist Static Energy and Moisture Budgets. <i>Journal of Climate</i> , 2015, 28, 7786-7808.	1.2	54
580	Decadal Change in Tropical Cyclone Activity over the South China Sea around 2002/03. <i>Journal of Climate</i> , 2015, 28, 5935-5951.	1.2	20

#	ARTICLE	IF	CITATIONS
581	Boreal Winter MJO Teleconnection in the Community Atmosphere Model Version 5 with the Unified Convection Parameterization. <i>Journal of Climate</i> , 2015, 28, 8135-8150.	1.2	20
582	Intraseasonal Sea Surface Temperature Variability across the Indonesian Seas*. <i>Journal of Climate</i> , 2015, 28, 8710-8727.	1.2	23
583	Role of Longwave Cloudâ€“Radiation Feedback in the Simulation of the Maddenâ€“Julian Oscillation. <i>Journal of Climate</i> , 2015, 28, 6979-6994.	1.2	59
584	Simulation of the Indian Summer Monsoon in the Superparameterized Climate Forecast System Version 2: Preliminary Results. <i>Journal of Climate</i> , 2015, 28, 8988-9012.	1.2	35
585	Retrieval of Slant Water Vapor Path and Slant Liquid Water from Microwave Radiometer Measurements during the DYNAMO Experiment. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4315-4324.	2.3	1
586	Extended Simulation of Tropical Cyclone Formation in the Western North Pacific Monsoon Trough. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 4469-4485.	0.6	20
587	Quantifying the Role of Internal Climate Variability in Future Climate Trends. <i>Journal of Climate</i> , 2015, 28, 6443-6456.	1.2	143
588	An algebraic method for constructing stable and consistent autoregressive filters. <i>Journal of Computational Physics</i> , 2015, 283, 241-257.	1.9	2
589	Effects of rotation and mid-troposphere moisture on organized convection and convectively coupled gravity waves. <i>Climate Dynamics</i> , 2015, 44, 937-960.	1.7	6
590	High-resolution operational monsoon forecasts: an objective assessment. <i>Climate Dynamics</i> , 2015, 44, 3129-3140.	1.7	40
591	Interannual variability in the Saharan dust source activationâ€“Toward understanding the differences between 2007 and 2008. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4538-4562.	1.2	18
592	Initiation and termination of intraseasonal oscillations in nonlinear Laplacian spectral analysis-based indices. <i>Mathematics of Climate and Weather Forecasting</i> , 2016, 2, .	0.8	3
593	Subgrid-scale physical parameterization in atmospheric modeling: How can we make it consistent?. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 284001.	0.7	9
594	Development of a cloud particle sensor for radiosonde sounding. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 5911-5931.	1.2	19
595	Seasonal Environmental Characteristics for the Tropical Cyclone Genesis in the Indian Ocean during the CINDY2011/DYNAMO Field Experiment. <i>Atmosphere</i> , 2016, 7, 66.	1.0	5
596	The ARM Tropical Western Pacific (TWP) Sites. <i>Meteorological Monographs</i> , 2016, 57, 7.1-7.14.	5.0	27
597	Extreme weather and seasonal events during the Indian summer monsoon and prospects of improvement in their prediction skill under India's Monsoon Mission. , 2016, , 303-332.		1
598	Convectively coupled Kelvin waves in aquachannel simulations: 2. Life cycle and dynamicalâ€“convective coupling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,319.	1.2	6

#	ARTICLE	IF	CITATIONS
599	Influence of Indian summer monsoon variability on the surface waves in the coastal regions of eastern Arabian Sea. <i>Annales Geophysicae</i> , 2016, 34, 871-885.	0.6	21
600	Oceanic Turbulent Energy Budget using Large-Eddy Simulation of a Wind Event during DYNAMO. <i>Journal of Physical Oceanography</i> , 2016, 46, 827-840.	0.7	5
601	Contribution of Tropical Waves to the Formation of Supertyphoon Megi (2010). <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4387-4405.	0.6	15
602	A Lagrangian View of Moisture Dynamics during DYNAMO. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1967-1985.	0.6	29
603	The intraseasonal atmospheric angular momentum associated with MJO convective initiations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1371-1384.	1.0	1
604	Models for Multiscale Interactions. Part II: Madden-Julian Oscillation, Moisture, and Convective Momentum Transport. <i>Meteorological Monographs</i> , 2016, 56, 10.1-10.5.	5.0	2
605	Blind use of reanalysis data: apparent trends in Madden-Julian Oscillation activity driven by observational changes. <i>International Journal of Climatology</i> , 2016, 36, 3458-3468.	1.5	13
606	The Influence of the Madden-Julian Oscillation on Northern Hemisphere Winter Blocking. <i>Journal of Climate</i> , 2016, 29, 4597-4616.	1.2	116
607	Global Comparisons of Regional Life Cycle Properties and Motion of Multiday Convective Systems: Tropical and Midlatitude Land and Ocean. <i>Journal of Climate</i> , 2016, 29, 5837-5858.	1.2	10
608	Intraseasonal variability of the tropical Pacific subsurface temperature in the two flavours of El Niño. <i>International Journal of Climatology</i> , 2016, 36, 867-884.	1.5	3
609	Summer heat waves in southeastern Patagonia: an analysis of the intraseasonal timescale. <i>International Journal of Climatology</i> , 2016, 36, 1359-1374.	1.5	18
610	Monsoon Convection in the Maritime Continent: Interaction of Large-Scale Motion and Complex Terrain. <i>Meteorological Monographs</i> , 2016, 56, 6.1-6.29.	5.0	21
611	Causes for intraseasonal sea surface salinity variability in the western tropical Pacific Ocean and its seasonality. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 85-103.	1.0	12
612	Updraft Buoyancy within and Moistening by Cumulonimbi prior to MJO Convective Onset in a Regional Model. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2913-2934.	0.6	19
613	Regional Variation in the Wet Season of Northern Australia. <i>Monthly Weather Review</i> , 2016, 144, 4941-4962.	0.5	8
614	On the role of anomalous ocean surface temperatures for promoting the record Madden-Julian Oscillation in March 2015. <i>Geophysical Research Letters</i> , 2016, 43, 472-481.	1.5	44
615	Gross moist stability and the Madden-Julian Oscillation in reanalysis data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 2740-2757.	1.0	9
616	Enhanced MJO and transition to superrotation in warm climates. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 304-318.	1.3	18

#	ARTICLE	IF	CITATIONS
617	Lagged response of tropical tropospheric temperature to solar ultraviolet variations on intraseasonal time scales. <i>Geophysical Research Letters</i> , 2016, 43, 4066-4075.	1.5	17
618	The relationship between upper-ocean variability and the Madden-Julian Oscillation in extended-range simulations. , 2016, , .		0
619	Inter-model comparison of subseasonal tropical variability in aquaplanet experiments: Effect of a warm pool. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1526-1551.	1.3	14
620	Physical climatology of Indonesian maritime continent: An outline to comprehend observational studies. <i>Atmospheric Research</i> , 2016, 178-179, 231-259.	1.8	94
621	Low-frequency intraseasonal variability in a zonally symmetric aquaplanet model. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 697-713.	0.9	5
622	Variability of Madden Julian Oscillations (MJO) observed over southern India using radiosonde observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 142, 25-34.	0.6	1
623	Evaluation of National Adaptation Planning: A Case Study in Indonesia. , 2016, , 85-107.		3
624	Assessments of surface latent heat flux associated with the Madden-Julian Oscillation in reanalyses. <i>Climate Dynamics</i> , 2016, 47, 1755-1774.	1.7	14
625	Non-local convergence coupling in a simple stochastic convection model. <i>Dynamics of Atmospheres and Oceans</i> , 2016, 74, 30-49.	0.7	3
626	MJO prediction skill, predictability, and teleconnection impacts in the Beijing Climate Center Atmospheric General Circulation Model. <i>Dynamics of Atmospheres and Oceans</i> , 2016, 75, 78-90.	0.7	40
627	A diagnostic study on heavy rainfall induced by landfalling Typhoon Utor (2013) in South China: 2. Postlandfall rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,803-12,819.	1.2	11
628	Large-scale precipitation tracking and the MJO over the Maritime Continent and Indo-Pacific warm pool. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8755-8776.	1.2	58
629	Seasonal and Intraseasonal Variability of Mesoscale Convective Systems over the South Asian Monsoon Region. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4753-4774.	0.6	41
630	Tropical-Extratropical Interactions with the MJO Skeleton and Climatological Mean Flow. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4101-4116.	0.6	12
631	Informativeness of wind data in linear Madden-Julian oscillation prediction. <i>Atmospheric Science Letters</i> , 2016, 17, 362-367.	0.8	0
632	Intraseasonal Variability of SST and Precipitation in the Arabian Sea during the Indian Summer Monsoon: Impact of Ocean Mixed Layer Depth. <i>Journal of Climate</i> , 2016, 29, 7889-7910.	1.2	35
633	Examining Tropical Cyclone-Kelvin Wave Interactions Using Adjoint Diagnostics. <i>Monthly Weather Review</i> , 2016, 144, 4421-4439.	0.5	8
634	Stable isotopes in atmospheric water vapor and applications to the hydrologic cycle. <i>Reviews of Geophysics</i> , 2016, 54, 809-865.	9.0	241

#	ARTICLE	IF	CITATIONS
635	Atmospheric structure favoring high sea surface temperatures in the western equatorial Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,368.	1.2	7
636	5-Day-Wave Interactions with Tropical Precipitation in CMIP5 Models. <i>Journal of Climate</i> , 2016, 29, 8611-8624.	1.2	2
637	The Role of Topographically Induced Vortices in Tropical Cyclone Formation over the Indian Ocean. <i>Monthly Weather Review</i> , 2016, 144, 4827-4847.	0.5	11
638	Role of Horizontal Advection of Seasonal-Mean Moisture in the Madden-Julian Oscillation: A Theoretical Model Analysis. <i>Journal of Climate</i> , 2016, 29, 6277-6293.	1.2	20
639	Tropical cyclones in climate models. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 211-237.	3.6	85
640	Extratropical Impacts of the Madden-Julian Oscillation over New Zealand from a Weather Regime Perspective. <i>Journal of Climate</i> , 2016, 29, 2161-2175.	1.2	21
641	Variability of oceanic deep convective system vertical structures observed by CloudSat in Indo-Pacific regions associated with the Madden-Julian oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,761.	1.2	2
642	Relative Roles of Background Moisture and Vertical Shear in Regulating Interannual Variability of Boreal Summer Intraseasonal Oscillations. <i>Journal of Climate</i> , 2016, 29, 7009-7025.	1.2	21
643	MJO-related intraseasonal variation of gravity waves in the Southern Hemisphere tropical stratosphere revealed by high-resolution AIRS observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7641-7651.	1.2	17
644	Aerosol meteorology of the Maritime Continent for the 2012 7SEAS southwest monsoon intensive study – Part 1: regional-scale phenomena. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14041-14056.	1.9	28
645	Observational Research on Stable Isotopes in Precipitation over Indonesian Maritime Continent. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2016, 46, 7-28.	0.2	8
646	Variability of winter and summer surface ozone in Mexico City on the intraseasonal timescale. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15359-15370.	1.9	18
647	A mechanism-denial study on the Madden-Julian Oscillation with reduced interference from mean state changes. <i>Geophysical Research Letters</i> , 2016, 43, 2989-2997.	1.5	26
648	Time scales of shallow-to-deep convective transition associated with the onset of Madden-Julian Oscillations. <i>Geophysical Research Letters</i> , 2016, 43, 2880-2888.	1.5	17
649	Methods to Evaluate Prediction Skill in the Madden-Julian Oscillation Phase Space. <i>Journal of the Meteorological Society of Japan</i> , 2016, 94, 257-267.	0.7	2
650	Asymmetry of Westerly and Easterly Wind Events: Observational Evidence. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 42-45.	0.6	5
651	Intraseasonal Variability of $\int_{18}^{\infty} O$ of Precipitation over the Indonesian Maritime Continent Related to the Madden-Julian Oscillation. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 192-197.	0.6	10
652	Influence of the Madden-Julian oscillation on Tibetan Plateau snow cover at the intraseasonal time-scale. <i>Scientific Reports</i> , 2016, 6, 30456.	1.6	17

#	ARTICLE	IF	CITATIONS
653	Modulation of subtropical stratospheric gravity waves by equatorial rainfall. <i>Geophysical Research Letters</i> , 2016, 43, 466-471.	1.5	16
654	On the relationship between the Madden-Julian Oscillation and 2-m air temperature over central Asia in boreal winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,250.	1.2	12
655	Does the Madden-Julian Oscillation modulate stratospheric gravity waves?. <i>Geophysical Research Letters</i> , 2016, 43, 3973-3981.	1.5	14
656	Identifying Convectively Coupled Equatorial Waves Using Theoretical Wave Eigenvectors. <i>Monthly Weather Review</i> , 2016, 144, 2235-2264.	0.5	11
657	Modulation of Daily Rainfall in Southern Vietnam by the Madden-Julian Oscillation and Convectively Coupled Equatorial Waves. <i>Journal of Climate</i> , 2016, 29, 5801-5820.	1.2	19
658	A skeleton model for the MJO with refined vertical structure. <i>Climate Dynamics</i> , 2016, 46, 2773-2786.	1.7	17
659	Monitoring early-flood season intraseasonal oscillations and persistent heavy rainfall in South China. <i>Climate Dynamics</i> , 2016, 47, 3845-3861.	1.7	27
660	Response of the Superparameterized Madden-Julian Oscillation to Extreme Climate and Basic-State Variation Challenges a Moisture Mode View. <i>Journal of Climate</i> , 2016, 29, 4995-5008.	1.2	32
661	Filtering the Stochastic Skeleton Model for the Madden-Julian Oscillation. <i>Monthly Weather Review</i> , 2016, 144, 501-527.	0.5	20
662	Intraseasonal Variability of the Surface Zonal Currents in the Western Tropical Pacific Ocean: Characteristics and Mechanisms. <i>Journal of Physical Oceanography</i> , 2016, 46, 3639-3660.	0.7	41
663	Strong modulations on the Bay of Bengal monsoon onset vortex by the first northward-propagating intra-seasonal oscillation. <i>Climate Dynamics</i> , 2016, 47, 107-115.	1.7	23
664	Coupled intraseasonal variations in the East Asian winter monsoon and the South China Sea-western North Pacific SST in boreal winter. <i>Climate Dynamics</i> , 2016, 47, 2039-2057.	1.7	21
665	Assessment of Madden-Julian oscillation simulations with various configurations of CESM. <i>Climate Dynamics</i> , 2016, 47, 2667-2690.	1.7	15
666	Changes in the boreal summer intraseasonal oscillation projected by the CNRM-CM5 model under the RCP 8.5 scenario. <i>Climate Dynamics</i> , 2016, 47, 3713-3736.	1.7	19
667	Role of delayed deep convection in the Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , 2016, 126, 313-321.	1.3	3
668	TRMM Latent Heating Retrieval: Applications and Comparisons with Field Campaigns and Large-Scale Analyses. <i>Meteorological Monographs</i> , 2016, 56, 2.1-2.34.	5.0	35
669	Multiscale Temporal Mean Features of Perturbation Kinetic Energy and Its Budget in the Tropics: Review and Computation. <i>Meteorological Monographs</i> , 2016, 56, 8.1-8.23.	5.0	0
670	A Climatology of Multiple Tropical Cyclone Events. <i>Journal of Climate</i> , 2016, 29, 4861-4883.	1.2	16

#	ARTICLE	IF	CITATIONS
671	Coherent Tropical Indo-Pacific Interannual Climate Variability. <i>Journal of Climate</i> , 2016, 29, 4269-4291.	1.2	14
672	Prediction of northern summer low-frequency circulation using a high-order vector auto-regressive model. <i>Climate Dynamics</i> , 2016, 46, 693-709.	1.7	8
673	Mechanistic analysis of the suppressed convective anomaly precursor associated with the initiation of primary MJO events over the tropical Indian Ocean. <i>Climate Dynamics</i> , 2016, 46, 779-795.	1.7	5
674	The MJO as a Dispersive, Convectively Coupled Moisture Wave: Theory and Observations. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 913-941.	0.6	264
675	MJO ensemble prediction in BCC-CSM1.1(m) using different initialization schemes. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 60-65.	0.5	26
676	Improved stochastic physics schemes for global weather and climate models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 147-159.	1.0	58
677	Stochastic Convection Parameterization with Markov Chains in an Intermediate-Complexity GCM. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1367-1382.	0.6	42
678	Scale Interactions between the MJO and the Western Maritime Continent. <i>Journal of Climate</i> , 2016, 29, 2471-2492.	1.2	115
679	Intraseasonal variability of air temperature over the mid-high latitude Eurasia in boreal winter. <i>Climate Dynamics</i> , 2016, 47, 2155-2175.	1.7	49
680	Intraseasonal variability of mixed layer depth in the tropical Indian Ocean. <i>Climate Dynamics</i> , 2016, 46, 2633-2655.	1.7	38
681	MJO Moisture Budget during DYNAMO in a Cloud-Resolving Model. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2257-2278.	0.6	38
682	Evolution of the Madden-Julian Oscillation in Two Types of El Niño. <i>Journal of Climate</i> , 2016, 29, 1919-1934.	1.2	56
683	Intraseasonal variability of the Atlantic Intertropical Convergence Zone during austral summer and winter. <i>Climate Dynamics</i> , 2016, 47, 1717-1733.	1.7	19
684	Extended-range forecast of spring rainfall in southern China based on the Madden-Julian Oscillation. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 331-345.	0.9	13
685	A Revised Real-Time Multivariate MJO Index. <i>Monthly Weather Review</i> , 2016, 144, 627-642.	0.5	42
686	Precipitation microstructure in different Madden-Julian Oscillation phases over Sumatra. <i>Atmospheric Research</i> , 2016, 168, 121-138.	1.8	33
687	A Multiscale Model for the Intraseasonal Impact of the Diurnal Cycle over the Maritime Continent on the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 579-604.	0.6	38
688	Modulation of equatorial Pacific westerly/easterly wind events by the Madden-Julian oscillation and convectively-coupled Rossby waves. <i>Climate Dynamics</i> , 2016, 46, 2155-2178.	1.7	89

#	ARTICLE	IF	CITATIONS
689	Spatial and temporal variations in rainfall over Darwin and its vicinity during different large-scale environments. <i>Climate Dynamics</i> , 2016, 46, 671-691.	1.7	7
690	Tropical intraseasonal oscillation simulated in an AMIP-type experiment by NICAM. <i>Climate Dynamics</i> , 2017, 48, 2507-2528.	1.7	19
691	Contrast of 10-day and 30-day intraseasonal SST propagation during summer and winter over the South China Sea and western North Pacific. <i>Climate Dynamics</i> , 2017, 48, 1233-1248.	1.7	18
692	Effects of moisture feedback in a frictional coupled Kelvin-Rossby wave model and implication in the Madden-Julian oscillation dynamics. <i>Climate Dynamics</i> , 2017, 48, 513-522.	1.7	28
693	Impact of East Asian winter monsoon on MJO over the equatorial western Pacific. <i>Theoretical and Applied Climatology</i> , 2017, 127, 551-561.	1.3	15
694	Model performance metrics and process diagnostics for boreal summer intraseasonal variability. <i>Climate Dynamics</i> , 2017, 48, 1661-1683.	1.7	46
695	Key processes for the eastward propagation of the Madden-Julian Oscillation based on multimodel simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 755-770.	1.2	102
696	Influence of the Stratospheric Quasi-Biennial Oscillation on the Madden-Julian Oscillation during Austral Summer. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1105-1125.	0.6	95
697	Interactions between the MJO, Aerosols, and Convection over the Central Indian Ocean. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 353-374.	0.6	7
698	Heavy precipitation in the southwest of Iran: association with the Madden-Julian Oscillation and synoptic scale analysis. <i>Climate Dynamics</i> , 2017, 49, 3091-3109.	1.7	19
699	Impact of Atmospheric Blocking on South America in Austral Summer. <i>Journal of Climate</i> , 2017, 30, 1821-1837.	1.2	56
700	Improved MJO simulation in ECHAM6.3 by coupling a stochastic multiscaling cloud model to the convection scheme. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 193-219.	1.3	66
701	Model Error in Data Assimilation. , 2016, , 276-317.		11
702	Precipitation Budget of the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1799-1817.	0.6	55
703	A Central Indian Ocean Mode and Heavy Precipitation during the Indian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 2055-2067.	1.2	25
704	Atmospheric dynamics and internal processes during organization and intensification of Boreal Summer Intraseasonal Oscillation (BSISO) based on TRMM and reanalyses data. <i>International Journal of Climatology</i> , 2017, 37, 497-512.	1.5	3
705	Circulation Response to Fast and Slow MJO Episodes. <i>Monthly Weather Review</i> , 2017, 145, 1577-1596.	0.5	44
706	Variability of upper ocean thermohaline structure during a MJO event from DYNAMO aircraft observations. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1122-1140.	1.0	1

#	ARTICLE	IF	CITATIONS
707	Subseasonal variability of mesoscale convective systems over the tropical northeastern Pacific. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1086-1094.	1.0	4
708	Diagnosis of seasonally varying regression slope coefficients and application to the MJO. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1946-1952.	1.0	7
709	Analysis of spatial patterns of daily precipitation and wet spell extremes in Southeast Asia. International Journal of Climatology, 2017, 37, 1161-1179.	1.5	15
710	Factors controlling the seasonality of the Madden-Julian Oscillation. Dynamics of Atmospheres and Oceans, 2017, 78, 106-120.	0.7	21
711	Evaluation of MJO Predictive Skill in Multiphysics and Multimodel Global Ensembles. Monthly Weather Review, 2017, 145, 2555-2574.	0.5	20
712	Kernel Analog Forecasting of Tropical Intraseasonal Oscillations. Journals of the Atmospheric Sciences, 2017, 74, 1321-1342.	0.6	17
713	Importance of the Vertical Resolution in Simulating SST Diurnal and Intraseasonal Variability in an Oceanic General Circulation Model. Journal of Climate, 2017, 30, 3963-3978.	1.2	23
714	Further inquiry into characteristics of MJO in boreal winter. International Journal of Climatology, 2017, 37, 4451-4462.	1.5	2
715	Multiple and spin off initiation of atmospheric convectively coupled Kelvin waves. Climate Dynamics, 2017, 49, 2991-3009.	1.7	5
716	Annual anomalies and trends for TOMS reflectivities (1978-2005) in the Southern Hemisphere. International Journal of Remote Sensing, 2017, 38, 3483-3501.	1.3	1
717	Seasonal and intraseasonal variability of precipitable water vapour in the Chajnantor plateau, Chile. International Journal of Climatology, 2017, 37, 958-971.	1.5	8
718	Are Multiple Tropical Cyclone Events Similar among Basins?. Journal of Climate, 2017, 30, 5805-5813.	1.2	11
719	Potential Predictability during a Madden-Julian Oscillation Event. Journal of Climate, 2017, 30, 5345-5360.	1.2	4
720	Multiscale Atmosphere-Ocean Interactions and the Low-Frequency Variability in the Equatorial Region. Journals of the Atmospheric Sciences, 2017, 74, 2503-2523.	0.6	6
721	Simultaneous modulations of precipitation and temperature extremes in Southern parts of China by the boreal summer intraseasonal oscillation. Climate Dynamics, 2017, 49, 3363-3381.	1.7	48
722	Boreal summer intraseasonal oscillations in the MJO skeleton model with observation-based forcing. Dynamics of Atmospheres and Oceans, 2017, 78, 38-56.	0.7	3
723	The role of DYNAMO in situ observations in improving NASA CERES-like daily surface and atmospheric radiative flux estimates. Earth and Space Science, 2017, 4, 164-183.	1.1	1
724	QBO/solar modulation of the boreal winter Madden-Julian oscillation: A prediction for the coming solar minimum. Geophysical Research Letters, 2017, 44, 3849-3857.	1.5	24

#	ARTICLE	IF	CITATIONS
725	Variations of Northern Hemisphere Storm Track and Extratropical Cyclone Activity Associated with the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2017, 30, 4799-4818.	1.2	40
726	Impact of the observed extratropics on climatological simulations of the MJO in a tropical channel model. <i>Climate Dynamics</i> , 2017, 48, 2541-2555.	1.7	16
727	Investigation of the drought-flood abrupt alternation of streamflow in Poyang Lake catchment during the last 50 years. <i>Hydrology Research</i> , 2017, 48, 1402-1417.	1.1	22
728	Evaluation of soil moisture-precipitation feedback at different time scales over Asia. <i>International Journal of Climatology</i> , 2017, 37, 3619-3629.	1.5	14
729	Simulations of MJO Propagation across the Maritime Continent: Impacts of SST Feedback. <i>Journal of Climate</i> , 2017, 30, 1689-1704.	1.2	24
730	Monitoring the Madden-Julian oscillation with geopotential height. <i>Climate Dynamics</i> , 2017, 49, 1981-2006.	1.7	3
731	Synoptic Features Associated with Temporally Coherent Modes of Variability of the North Pacific Jet Stream. <i>Journal of Climate</i> , 2017, 30, 39-54.	1.2	19
732	Shallow Circulations: Relevance and Strategies for Satellite Observation. <i>Surveys in Geophysics</i> , 2017, 38, 1509-1528.	2.1	3
733	Topological origin of equatorial waves. <i>Science</i> , 2017, 358, 1075-1077.	6.0	136
734	A short review of numerical cloud-resolving models. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 69, 1373578.	0.8	34
735	Improved Tropical Modes of Variability in the NCEP Climate Forecast System (Version 2) via a Stochastic Multicloud Model. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3339-3366.	0.6	32
736	A seasonal climatology of UV reflectivity for southern South America. <i>International Journal of Remote Sensing</i> , 2017, 38, 28-56.	1.3	1
737	Opposite responses of the diurnal amplitude of sea surface temperature to the Madden-Julian Oscillation. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 130, 30-35.	0.6	3
738	Upscale Impact of Mesoscale Disturbances of Tropical Convection on Synoptic-Scale Equatorial Waves in Two-Dimensional Flows. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3099-3120.	0.6	11
739	The Response of the Southern Hemisphere Middle Atmosphere to the Madden-Julian Oscillation during Austral Winter Using the Specified-Dynamics Whole Atmosphere Community Climate Model. <i>Journal of Climate</i> , 2017, 30, 8317-8333.	1.2	15
740	Review of Tropical-Extratropical Teleconnections on Intraseasonal Time Scales. <i>Reviews of Geophysics</i> , 2017, 55, 902-937.	9.0	227
741	Investigating the Seasonal and Diurnal Cycles of Ocean Vector Winds Near the Philippines Using RapidScat and CCMP. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9668-9684.	1.2	4
742	Spatio-temporal variability of lightning and convective activity over South/South-East Asia with an emphasis during El Niño and La Niña. <i>Atmospheric Research</i> , 2017, 197, 150-166.	1.8	23

#	ARTICLE	IF	CITATIONS
743	Global association of the Madden-Julian Oscillation with monsoon lows and depressions. <i>Geophysical Research Letters</i> , 2017, 44, 8065-8074.	1.5	12
744	Tropical Atmospheric Madden-Julian Oscillation: A Strongly Nonlinear Free Solitary Rossby Wave?. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3473-3489.	0.6	25
745	The relationship between the Madden-Julian oscillation and the land surface soil moisture. <i>Remote Sensing of Environment</i> , 2017, 203, 226-239.	4.6	13
746	Tropical intraseasonal oscillations in <scp>CFSv2</scp> during Boreal summer and winter. <i>International Journal of Climatology</i> , 2017, 37, 3674-3693.	1.5	3
747	More Frequent Sudden Stratospheric Warming Events due to Enhanced MJO Forcing Expected in a Warmer Climate. <i>Journal of Climate</i> , 2017, 30, 8727-8743.	1.2	45
748	Evolution of the Distribution of Upper-Tropospheric Humidity over the Indian Ocean: Connection with Large-Scale Advection and Local Cloudiness. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 2035-2052.	0.6	7
749	The impact of the mean moisture bias on the key physics of MJO propagation in the ECMWF reforecast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7772-7784.	1.2	40
750	Wintertime Phytoplankton Blooms in the Western Equatorial Indian Ocean Associated With the Madden-Julian Oscillation. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9855-9869.	1.0	13
751	A Census of Atmospheric Variability From Seconds to Decades. <i>Geophysical Research Letters</i> , 2017, 44, 11,201.	1.5	28
752	Practical and Intrinsic Predictability of Multiscale Weather and Convectively Coupled Equatorial Waves during the Active Phase of an MJO. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3771-3785.	0.6	34
753	Effects of Surface Orography and Land-Sea Contrast on the Madden-Julian Oscillation in the Maritime Continent: A Numerical Study Using ECHAM5-SIT. <i>Journal of Climate</i> , 2017, 30, 9725-9741.	1.2	24
754	MJO simulation in CMIP5 climate models: MJO skill metrics and process-oriented diagnosis. <i>Climate Dynamics</i> , 2017, 49, 4023-4045.	1.7	131
755	Internal Intraseasonal Variability of the West African Monsoon in WRF. <i>Journal of Climate</i> , 2017, 30, 5815-5833.	1.2	5
756	Influences of Boreal Summer Intraseasonal Oscillation on Heat Waves in Monsoon Asia. <i>Journal of Climate</i> , 2017, 30, 7191-7211.	1.2	76
757	Role of Vertical Structure of Convective Heating in MJO Simulation in NCAR CAM5.3. <i>Journal of Climate</i> , 2017, 30, 7423-7439.	1.2	19
758	Long-term dynamics of a floodplain shallow lake in the Pantanal wetland: Is it all about climate?. <i>Science of the Total Environment</i> , 2017, 605-606, 527-540.	3.9	26
759	Differences in the Initiation and Development of the Madden-Julian Oscillation over the Indian Ocean Associated with Two Types of El Niño. <i>Journal of Climate</i> , 2017, 30, 1397-1415.	1.2	20
760	Extreme precipitation events and their relationship with <scp>ENSO</scp> and <scp>MJO</scp> phases over northern South America. <i>International Journal of Climatology</i> , 2017, 37, 2977-2989.	1.5	62

#	ARTICLE	IF	CITATIONS
761	The Evolution of Agricultural Drought Transition Periods in the U.S. Corn Belt. <i>Monthly Weather Review</i> , 2017, 145, 451-472.	0.5	2
762	Influence of intraseasonal variability on precipitation in northern South America during the winter season. <i>International Journal of Climatology</i> , 2017, 37, 2177-2186.	1.5	4
763	Linkages between MJO and summer monsoon rainfall over India and surrounding region. <i>Meteorology and Atmospheric Physics</i> , 2017, 129, 283-296.	0.9	26
764	Climate co-variability between South America and Southern Africa at interannual, intraseasonal and synoptic scales. <i>Climate Dynamics</i> , 2017, 48, 4029-4050.	1.7	4
765	Madden-Julian Oscillation impacts on tropical African precipitation. <i>Atmospheric Research</i> , 2017, 184, 88-102.	1.8	46
766	Cloud object analysis of CERES Aqua observations of tropical and subtropical cloud regimes: Evolution of cloud object size distributions during the Madden-Julian Oscillation. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 188, 148-158.	1.1	3
767	Impacts of the Madden-Julian oscillation on intraseasonal precipitation over Northeast Brazil. <i>International Journal of Climatology</i> , 2017, 37, 1859-1884.	1.5	18
768	The role of global circumnavigating mode in the MJO initiation and propagation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5837-5856.	1.2	26
769	Winter mean lower tropospheric moisture over the Maritime Continent as a climate model diagnostic metric for the propagation of the Madden-Julian oscillation. <i>Geophysical Research Letters</i> , 2017, 44, 2588-2596.	1.5	74
770	Organization of tropical convection in low vertical wind shears: Role of updraft entrainment. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1046-1068.	1.3	122
771	Tangent linear superparameterization of convection in a 10 layer global atmosphere with calibrated climatology. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 932-948.	1.3	5
772	A New Mechanism of the Slow Eastward Propagation of Unstable Disturbances with Convection in the Tropics: Implications for the MJO. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3749-3769.	0.6	10
773	Unified Spectrum of Tropical Rainfall and Waves in a Simple Stochastic Model. <i>Geophysical Research Letters</i> , 2017, 44, 10713.	1.5	14
774	Intraseasonal to interannual variability of Kelvin wave momentum fluxes as derived from high-resolution radiosonde data. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8971-8986.	1.9	3
775	Climate change and the Madden-Julian oscillation: A vertically resolved weak temperature gradient analysis. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 307-331.	1.3	42
776	A simple model of intraseasonal oscillations. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1195-1211.	1.3	81
777	Modes of vertical thermodynamic and wind variability over the Maritime Continent. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4611-4626.	1.9	5
778	Biomass burning aerosols and the low-visibility events in Southeast Asia. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 965-980.	1.9	67

#	ARTICLE	IF	CITATIONS
779	Boreal summer sub-seasonal variability of the South Asian monsoon in the Met Office GloSea5 initialized coupled model. <i>Climate Dynamics</i> , 2017, 49, 2035-2059.	1.7	9
780	Effect of Spatial Variation of Convective Adjustment Time on the Madden-Julian Oscillation: A Theoretical Model Analysis. <i>Atmosphere</i> , 2017, 8, 204.	1.0	2
781	An Alternative Estimate of Potential Predictability on the Madden-Julian Oscillation Phase Space Using S2S Models. <i>Atmosphere</i> , 2017, 8, 150.	1.0	6
782	Origins of Moist Air in Global Lagrangian Simulations of the Madden-Julian Oscillation. <i>Atmosphere</i> , 2017, 8, 158.	1.0	11
783	Impact of Madden-Julian Oscillation upon Winter Extreme Rainfall in Southern China: Observations and Predictability in CFSv2. <i>Atmosphere</i> , 2017, 8, 192.	1.0	40
784	Changes in the structure and propagation of the MJO with increasing CO ₂ . <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1251-1268.	1.3	44
785	Impact of DYNAMO observations on NASA GEOS-5 reanalyses and the representation of MJO initiation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 179-201.	1.2	4
786	Characterization of Moist Processes Associated With Changes in the Propagation of the MJO With Increasing CO ₂ . <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2946-2967.	1.3	32
787	Hindcasting the Madden-Julian Oscillation With a New Parameterization of Surface Heat Fluxes. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2696-2709.	1.3	11
788	The Role of Zonal Asymmetry in the Enhancement and Suppression of Sudden Stratospheric Warming Variability by the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2018, 31, 2399-2415.	1.2	7
789	Predicting Monsoon Intraseasonal Precipitation using a Low-Order Nonlinear Stochastic Model. <i>Journal of Climate</i> , 2018, 31, 4403-4427.	1.2	13
790	Observed Agulhas Current sensitivity to interannual and long-term trend atmospheric forcings. <i>Journal of Climate</i> , 0, , .	1.2	10
791	Predicting the Dominant Patterns of Subseasonal Variability of Wintertime Surface Air Temperature in Extratropical Northern Hemisphere. <i>Geophysical Research Letters</i> , 2018, 45, 4381-4389.	1.5	28
792	Urban Climate Science. , 0, , 27-60.		14
793	Signature of Indian Ocean Dipole on the western boundary current of the Bay of Bengal. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 136, 91-106.	0.6	19
794	Equatorial Waves and the Skill of NCEP and ECMWF Numerical Weather Prediction Systems. <i>Monthly Weather Review</i> , 2018, 146, 1763-1784.	0.5	37
795	Does the MJO Have a Westward Group Velocity?. <i>Journal of Climate</i> , 2018, 31, 2435-2443.	1.2	17
796	Short-Term Solar Modulation of the Madden-Julian Climate Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 857-873.	0.6	9

#	ARTICLE	IF	CITATIONS
797	The effect of the MJO on the energetics of El Niño. <i>Climate Dynamics</i> , 2018, 51, 2825-2839.	1.7	4
798	The Madden-Julian oscillation during the 2016 summer and its possible impact on rainfall in China. <i>International Journal of Climatology</i> , 2018, 38, 2575-2589.	1.5	21
799	Predictive Skill and Predictability of North Atlantic Tropical Cyclogenesis in Different Synoptic Flow Regimes. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 361-378.	0.6	22
800	MJO-Related Intraseasonal Variation in the Stratosphere: Gravity Waves and Zonal Winds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 775-788.	1.2	10
801	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 58-72.	1.2	5
802	Evidence of organized intraseasonal convection linked to ocean dynamics in the Seychelles-Chagos thermocline ridge. <i>Climate Dynamics</i> , 2018, 51, 3405-3420.	1.7	4
803	Lack of Westerly Wind Bursts in Unmaterialized El Niño Years. <i>Journal of Climate</i> , 2018, 31, 593-612.	1.2	4
804	A wave-number frequency wavelet analysis of convectively coupled equatorial waves and the MJO over the Indian Ocean. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 333-343.	1.0	14
805	Use of an End-to-End-Simulator to Analyze CYGNSS. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 35-55.	0.5	8
806	Maritime continent coastlines controlling Earth's climate. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	70
807	A New Mechanism for the Dependence of Tropical Convection on Free-Tropospheric Humidity. <i>Geophysical Research Letters</i> , 2018, 45, 2516-2523.	1.5	8
808	The Madden-Julian Oscillation and the Indo-Pacific Warm Pool. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 951-960.	1.3	8
809	The effect of the quasi-biennial oscillation on the Madden-Julian oscillation in the Met Office Unified Model Global Ocean Mixed Layer configuration. <i>Atmospheric Science Letters</i> , 2018, 19, e816.	0.8	27
810	Dynamics-oriented diagnostics for the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2018, , .	1.2	12
811	Subseasonal variability of the Belg rains in Ethiopia. <i>International Journal of Climatology</i> , 2018, 38, 2940-2953.	1.5	24
812	MJO Prediction Skill of the Subseasonal-to-Seasonal Prediction Models. <i>Journal of Climate</i> , 2018, 31, 4075-4094.	1.2	105
813	Spectral Signatures of Moisture-Convection Feedbacks over the Indian Ocean. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 1995-2015.	0.6	8
814	Daily Weather Types in February-June (1979-2016) and Temperature Variations in Tropical North Africa. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 1171-1195.	0.6	13

#	ARTICLE	IF	CITATIONS
815	Effect of Overturning Circulation on Long Equatorial Waves: A Low-Frequency Cutoff. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 1721-1739.	0.6	2
816	A Paper on the Tropical Intraseasonal Oscillation Published in 1963 in a Chinese Journal. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 1765-1779.	1.7	37
817	Altitude-temporal behaviour of atmospheric ozone, temperature and wind velocity observed at Svalbard. <i>Atmospheric Research</i> , 2018, 207, 100-110.	1.8	1
818	Influence of the Madden-Julian Oscillation and Caribbean Low-Level Jet on East Pacific Easterly Wave Dynamics. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 1121-1141.	0.6	14
819	Mean and intra-seasonal variability simulated by NCEP Climate Forecast System model (version 2.0) during boreal winter: Impact of horizontal resolution. <i>International Journal of Climatology</i> , 2018, 38, 3028-3043.	1.5	3
820	Feedback of 10–20-day intraseasonal oscillations on seasonal mean SST in the tropical Western North Pacific during boreal spring through fall. <i>Climate Dynamics</i> , 2018, 51, 4169-4184.	1.7	14
821	Seasonality and mechanisms of tropical intraseasonal oscillations. <i>Climate Dynamics</i> , 2018, 50, 179-199.	1.7	7
822	Spatiotemporal change of intraseasonal oscillation intensity over the tropical Indo-Pacific Ocean associated with El Niño and La Niña events. <i>Climate Dynamics</i> , 2018, 50, 1221-1242.	1.7	26
823	Identifying a key physical factor sensitive to the performance of Madden-Julian oscillation simulation in climate models. <i>Climate Dynamics</i> , 2018, 50, 391-401.	1.7	5
824	Origins and interrelationship of Intraseasonal rainfall variations around the Maritime Continent during boreal winter. <i>Theoretical and Applied Climatology</i> , 2018, 132, 543-554.	1.3	6
825	Seasonal cycle of precipitation variability in South America on intraseasonal timescales. <i>Climate Dynamics</i> , 2018, 51, 1991-2001.	1.7	36
826	Wind-Flux Feedbacks and Convective Organization during the November 2011 MJO Event in a High-Resolution Model. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 57-84.	0.6	7
827	Tropical-Extratropical Interactions Associated with East Asian Cold Air Outbreaks. Part II: Intraseasonal Variation. <i>Journal of Climate</i> , 2018, 31, 473-490.	1.2	19
828	Teleconnection of atmospheric and oceanic climate anomalies with Australian weather patterns: a review of data availability. <i>Earth-Science Reviews</i> , 2018, 176, 117-146.	4.0	10
829	Role of MJO in modulating rainfall characteristics observed over India in all seasons utilizing TRMM. <i>International Journal of Climatology</i> , 2018, 38, 2352-2373.	1.5	18
830	Anomalous tropical planetary wave activity during 2015/2016 quasi biennial oscillation disruption. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 167, 184-189.	0.6	10
831	The transient response to an equatorial heat source and its convergence to steady state: implications for MJO theory. <i>Climate Dynamics</i> , 2018, 50, 3315-3330.	1.7	13
832	Large-scale patterns and possible mechanisms of 10–20-day intra-seasonal oscillation of the observed rainfall in Vietnam. <i>International Journal of Climatology</i> , 2018, 38, 3801-3821.	1.5	2

#	ARTICLE	IF	CITATIONS
833	Simulation of thermal stabilization of bases under engineering structures in permafrost zone. AIP Conference Proceedings, 2018, . .	0.3	2
834	On scale interactions between the MJO and synoptic scale. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 2727-2747.	1.0	6
835	Possible contribution of the interannual Tibetan Plateau snow cover variation to the Madden-Julian oscillation convection variability. International Journal of Climatology, 2018, 38, 3787-3800.	1.5	13
836	Impact of teleconnection between Indian Ocean Dipole (IOD) and El Niño at normal (neutral) phase condition on the Java Monsoon rainfall variability. Journal of Physics: Conference Series, 2018, 1130, 012038.	0.3	1
837	Extreme rainfall indices in Distrito Federal, Brazil: Trends and links with El Niño southern oscillation and Madden-Julian oscillation. International Journal of Climatology, 2018, 38, 4550-4567.	1.5	8
839	Intraseasonal Variability in a Cloud-Permitting Near-Global Equatorial Aquaplanet Model. Journals of the Atmospheric Sciences, 2018, 75, 4337-4355.	0.6	56
840	HIRS Outgoing Longwave Radiation Daily Climate Data Record: Application toward Identifying Tropical Subseasonal Variability. Remote Sensing, 2018, 10, 1325.	1.8	22
841	Initiation Processes of the Tropical Intraseasonal Variability Simulated in an Aquaplanet Experiment: What is the Intrinsic Mechanism for MJO Onset?. Journal of Advances in Modeling Earth Systems, 2018, 10, 1047-1073.	1.3	17
842	Subseasonal variation of winter rainfall anomalies over South China during the mature phase of super El Niño events. Atmospheric and Oceanic Science Letters, 2018, 11, 396-403.	0.5	9
843	Intraseasonal Variations of Nonmigrating Tides Observed Near the Mesopause. Journal of Geophysical Research: Space Physics, 2018, 123, 9921-9931.	0.8	2
844	Preindustrial Control Simulations With HadGEM3-GC3.1 for CMIP6. Journal of Advances in Modeling Earth Systems, 2018, 10, 3049-3075.	1.3	62
845	Convectively coupled equatorial waves within the MJO during CINDY/DYNAMO: slow Kelvin waves as building blocks. Climate Dynamics, 2018, 50, 4211-4230.	1.7	25
846	Modulation of the MJO and North Pacific Storm Track Relationship by the QBO. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3976-3992.	1.2	45
847	A Tropical Stochastic Skeleton Model for the MJO, El Niño, and Dynamic Walker Circulation: A Simplified GCM. Journal of Climate, 2018, 31, 9261-9282.	1.2	4
848	Charge in Long-Lasting El Niño Events by Convection-Induced Wind Anomalies over the Western Pacific in Boreal Spring. Journal of Climate, 2018, 31, 3755-3763.	1.2	8
849	Annual Growth Rings in Two Mangrove Species from the Sundarbans, Bangladesh Demonstrate Linkages to Sea-Level Rise and Broad-Scale Ocean-Atmosphere Variability. Wetlands, 2018, 38, 1159-1170.	0.7	10
850	Subseasonal Forecasts of Convectively Coupled Equatorial Waves and the MJO: Activity and Predictive Skill. Monthly Weather Review, 2018, 146, 2337-2360.	0.5	41
851	Prediction of the Madden-Julian Oscillation: A Review. Journal of Climate, 2018, 31, 9425-9443.	1.2	117

#	ARTICLE	IF	CITATIONS
852	A Mechanism of the Interdecadal Changes of the Global Low-Frequency Oscillation. <i>Atmosphere</i> , 2018, 9, 292.	1.0	0
853	Combined impacts of ENSO and MJO on the 2015 growing season drought on the Canadian Prairies. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5057-5067.	1.9	20
854	Impact of cold surges on the Madden-Julian oscillation propagation over the Maritime Continent. <i>Atmospheric Science Letters</i> , 2018, 19, e854.	0.8	14
855	The Multiscale Impacts of Organized Convection in Global 2° Cloud-Resolving Models. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2009-2025.	1.3	7
856	Isolating the Effects of Moisture Entrainment on Convectively Coupled Equatorial Waves in an Aquaplanet GCM. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 3139-3157.	0.6	9
857	Effects of El-Niño, Indian Ocean Dipole, and Madden-Julian Oscillation on Surface Air Temperature and Rainfall Anomalies over Southeast Asia in 2015. <i>Atmosphere</i> , 2018, 9, 352.	1.0	23
858	Conditional Gaussian Systems for Multiscale Nonlinear Stochastic Systems: Prediction, State Estimation and Uncertainty Quantification. <i>Entropy</i> , 2018, 20, 509.	1.1	36
859	The evolution and intensification of Cyclone Pam (2015) and resulting strong winds over the southern Pacific islands. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 182, 27-36.	1.7	3
860	Determination of Intraseasonal Variation of Precipitation Microphysics in the Southern Indian Ocean from Joss-Waldvogel Disdrometer Observation during the CINDY Field Campaign. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1415-1427.	1.9	4
861	Assessing the Relationship between MJO and Equatorial Pacific WWBs in Observations and CMIP5 Models. <i>Journal of Climate</i> , 2018, 31, 6393-6410.	1.2	16
862	Upper Ocean Response to the Atmospheric Cold Pools Associated With the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2018, 45, 5020-5029.	1.5	13
863	The Role of Oceanic Processes in the Initiation of Indian Summer Monsoon Intraseasonal Oscillations Over the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3685-3704.	1.0	6
864	Role of the Madden-Julian Oscillation in the Transport of Smoke From Sumatra to the Malay Peninsula During Severe Non-El Niño Haze Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6282-6294.	1.2	17
865	Atmospheric Overturning across Multiple Scales of an MJO Event during the CINDY/DYNAMO Campaign. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 381-399.	0.6	25
866	The Effect of the Madden-Julian Oscillation on the Mesospheric Migrating Diurnal Tide: A Study Using SD-WACCM. <i>Geophysical Research Letters</i> , 2018, 45, 5105-5114.	1.5	19
867	Targeted observation analysis of a Northwestern Tropical Pacific Ocean mooring array using an ensemble-based method. <i>Ocean Dynamics</i> , 2018, 68, 1109-1119.	0.9	10
868	Zonal SST Difference as a Potential Environmental Factor Supporting the Longevity of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2018, 31, 7549-7564.	1.2	11
869	Atmospheric Response to Mesoscale Ocean Eddies over the South China Sea. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1189-1204.	1.9	7

#	ARTICLE	IF	CITATIONS
870	From Synoptic to Interdecadal Variability in Southern African Rainfall: Toward a Unified View across Time Scales. <i>Journal of Climate</i> , 2018, 31, 5845-5872.	1.2	27
871	The Northward-Propagating Intraseasonal Oscillations in the Northern Indian Ocean during Springâ€“Early Summer. <i>Journal of Climate</i> , 2018, 31, 7003-7017.	1.2	3
872	Changes in Maddenâ€“Julian Oscillation Precipitation and Wind Variance Under Global Warming. <i>Geophysical Research Letters</i> , 2018, 45, 7148-7155.	1.5	45
873	On the Increasing Importance of Air-Sea Exchanges in a Thawing Arctic: A Review. <i>Atmosphere</i> , 2018, 9, 41.	1.0	52
874	Multidecadal Variability in the Subseasonal Peak of Low-Level Convergence over the Pacific Warm Pool. <i>Atmosphere</i> , 2018, 9, 158.	1.0	1
875	Effects of Enhanced Front Walker Cell on the Eastward Propagation of the MJO. <i>Journal of Climate</i> , 2018, 31, 7719-7738.	1.2	27
876	Connecting Indonesian Fires and Drought With the Type of El NiÃ±o and Phase of the Indian Ocean Dipole During 1979â€“2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7974-7988.	1.2	74
877	Ozone Temporal Variability in the Subarctic Region: Comparison of Satellite Measurements with Numerical Simulations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2018, 54, 32-38.	0.2	1
878	The impact of interactions between tropical and midlatitude intraseasonal oscillations around the Tibetan Plateau on the 1998 Yangtze floods. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 1123-1139.	1.0	17
879	Contrasting Intraseasonal Variations of the Equatorial Pacific Ocean Between the 1997-1998 and 2015-2016 El NiÃ±o Events. <i>Geophysical Research Letters</i> , 2018, 45, 9748-9756.	1.5	13
880	Surface-Based Microwave Humidity Retrievals over the Equatorial Indian Ocean: Applications and Challenges. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 1765-1782.	0.6	7
881	Time-Lagged Response of the Antarctic and High-Latitude Atmosphere to Tropical MJO Convection. <i>Monthly Weather Review</i> , 2018, 146, 1219-1231.	0.5	3
882	Subseasonal Forecasting with an Icosahedral, Vertically Quasi-Lagrangian Coupled Model. Part II: Probabilistic and Deterministic Forecast Skill. <i>Monthly Weather Review</i> , 2018, 146, 1619-1639.	0.5	11
883	Subseasonal Forecasting with an Icosahedral, Vertically Quasi-Lagrangian Coupled Model. Part I: Model Overview and Evaluation of Systematic Errors. <i>Monthly Weather Review</i> , 2018, 146, 1601-1617.	0.5	18
884	Interannual Modulations of the 50â€“Day Oscillations in the Celebes Sea: Dynamics and Impact. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4666-4679.	1.0	9
885	Decadal changes in the central tropical Pacific teleconnection to the Southern Hemisphere extratropics. <i>Climate Dynamics</i> , 2019, 52, 4027-4055.	1.7	10
886	MJO evolution and predictability disclosed by the RMM variant with balanced MJO variance in convection and zonal winds. <i>Climate Dynamics</i> , 2019, 52, 2529-2543.	1.7	3
887	Regionalâ€“scale ocean wave variability associated with El NiÃ±oâ€“Southern Oscillationâ€“Maddenâ€“Julian Oscillation combined activity. <i>International Journal of Climatology</i> , 2019, 39, 483-494.	1.5	8

#	ARTICLE	IF	CITATIONS
888	Origin of intraseasonal variability in the eastern equatorial Indian Ocean: intrinsic variability and local and remote wind stress forcings. <i>Journal of Oceanography</i> , 2019, 75, 119-137.	0.7	3
889	Intraseasonal variation of the summer rainfall over the Southeastern United States. <i>Climate Dynamics</i> , 2019, 53, 1171-1183.	1.7	14
890	Contribution of tropical instability waves to ENSO irregularity. <i>Climate Dynamics</i> , 2019, 52, 1837-1855.	1.7	17
891	Decadal modulation of the relationship between intraseasonal tropical variability and ENSO. <i>Climate Dynamics</i> , 2019, 52, 2091-2103.	1.7	10
892	Barrier Effect on MJO Propagation by the Maritime Continent in the MJO Task Force/GEWEX Atmospheric System Study Models. <i>Journal of Climate</i> , 2019, 32, 5529-5547.	1.2	22
893	Diversity of the Madden-Julian Oscillation. <i>Science Advances</i> , 2019, 5, eaax0220.	4.7	81
894	A coupled moisture-dynamics model of the Madden-Julian oscillation: convection interaction with first and second baroclinic modes and planetary boundary layer. <i>Climate Dynamics</i> , 2019, 53, 5529-5546.	1.7	9
895	Observational Evidence of Mixed Rossby-Gravity Waves as a Driving Force for the MJO Convective Initiation and Propagation. <i>Geophysical Research Letters</i> , 2019, 46, 5546-5555.	1.5	15
896	Madden-Julian Oscillation-Induced Sea Surface Salinity Variability as Detected in Satellite-Derived Salinity. <i>Geophysical Research Letters</i> , 2019, 46, 9748-9756.	1.5	8
897	Mechanisms for Global Warming Impacts on Madden-Julian Oscillation Precipitation Amplitude. <i>Journal of Climate</i> , 2019, 32, 6961-6975.	1.2	18
898	Combined effect of the QBO and ENSO on the MJO. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 170-176.	0.5	18
899	Response of the Northern Stratosphere to the Madden-Julian Oscillation During Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5314-5331.	1.2	15
900	Prevailing Surface Wind Direction during Air-Sea Heat Exchange. <i>Journal of Climate</i> , 2019, 32, 5601-5617.	1.2	20
901	Spectral Empirical Orthogonal Function Analysis of Weather and Climate Data. <i>Monthly Weather Review</i> , 2019, 147, 2979-2995.	0.5	18
902	The Madden-Julian Oscillation in an Aquaplanet-Like General Circulation Model With and Without Continents. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1459-1476.	1.3	3
903	Observations of Tropical Climate Dynamics and Convectively Coupled Waves. <i>Mathematics of Planet Earth</i> , 2019, , 41-55.	0.1	0
904	A Reduced-Order Representation of the Madden-Julian Oscillation Based on Reanalyzed Normal Mode Coherences. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 2463-2480.	0.6	11
905	Essential Ingredients to the Dynamics of Westerly Wind Bursts. <i>Journal of Climate</i> , 2019, 32, 5549-5565.	1.2	6

#	ARTICLE	IF	CITATIONS
906	A Sustained Ocean Observing System in the Indian Ocean for Climate Related Scientific Knowledge and Societal Needs. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	49
907	Prediction Errors of Tropical Cyclones in the Western North Pacific in the Met Office Global Forecast Model. <i>Weather and Forecasting</i> , 2019, 34, 1189-1209.	0.5	13
908	A new efficient parameter estimation algorithm for high-dimensional complex nonlinear turbulent dynamical systems with partial observations. <i>Journal of Computational Physics</i> , 2019, 397, 108836.	1.9	7
909	Northward Propagation, Initiation, and Termination of Boreal Summer Intraseasonal Oscillations in a Zonally Symmetric Model. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 639-668.	0.6	6
910	Regional Characteristics of Interannual Variability of Summer Rainfall in the Maritime Continent and Their Related Anomalous Circulation Patterns. <i>Journal of Climate</i> , 2019, 32, 4179-4192.	1.2	16
911	Seasonality in Intraseasonal Sea Surface Temperature Variability Along the Sumatra–Java Southern Coast. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5138-5157.	1.0	5
912	Diurnal Forcing and Phase Locking of Gravity Waves in the Maritime Continent. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 2815-2835.	0.6	25
913	Comparing Convective Self-Organization in Idealized Models to Observed Moist Static Energy Variability Near the Equator. <i>Geophysical Research Letters</i> , 2019, 46, 10589-10598.	1.5	7
914	Global Impacts of Subseasonal ($\sim 60\text{ Day}$) Wind Variability on Ocean Surface Stress, Buoyancy Flux, and Mixed Layer Depth. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 8798-8831.	1.0	20
915	Atmospheric Blocking and Other Large-Scale Precursor Patterns of Landfalling Atmospheric Rivers in the North Pacific: A CESM2 Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11330-11353.	1.2	21
916	The effect of soil temperature seasonality on climate reconstructions from paleosols. <i>Numerische Mathematik</i> , 2019, 319, 549-581.	0.7	17
917	Examining the Predictability of the Successive MJO Events of November 2011 Using Coupled 30-Day NAVGEM and COAMPS Simulations. <i>Monthly Weather Review</i> , 2019, 147, 2123-2143.	0.5	1
918	Noninstantaneous Wave-CISK for the Interaction between Convective Heating and Low-Level Moisture Convergence in the Tropics. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 2083-2101.	0.6	5
919	Space–Time Spectral Analysis of the Moist Static Energy Budget Equation. <i>Journal of Climate</i> , 2019, 32, 501-529.	1.2	24
920	Upscale Impact of Mesoscale Convective Systems and Its Parameterization in an Idealized GCM for an MJO Analog above the Equator. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 865-892.	0.6	17
921	The DOE E3SM Coupled Model Version 1: Description and Results at High Resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4095-4146.	1.3	112
922	Modulation of ENSO on Fast and Slow MJO Modes during Boreal Winter. <i>Journal of Climate</i> , 2019, 32, 7483-7506.	1.2	43
923	The Dominant Patterns of Intraseasonal Rainfall Variability in May–October and November–April over the Tropical Western Pacific. <i>Monthly Weather Review</i> , 2019, 147, 2941-2960.	0.5	17

#	ARTICLE	IF	CITATIONS
924	Structures and Mechanisms of 20-60-Day Intraseasonal Oscillation of the Observed Rainfall in Vietnam. <i>Journal of Climate</i> , 2019, 32, 5191-5212.	1.2	4
925	Contrast of Evolution Characteristics of Boreal Summer and Winter Intraseasonal Oscillations over Tropical Indian Ocean. <i>Journal of Meteorological Research</i> , 2019, 33, 678-694.	0.9	2
926	Signature of a Quasi 30-Day Oscillation at Midlatitude Based on Wind Observations From MST Radar and Meteor Radar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11266-11280.	1.2	8
927	Investigating the Factors That Contribute to African Easterly Wave Intensity Forecast Uncertainty in the ECMWF Ensemble Prediction System. <i>Monthly Weather Review</i> , 2019, 147, 1679-1698.	0.5	7
928	Ocean Climate Observing Requirements in Support of Climate Research and Climate Information. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	12
929	The Onset of the Indonesian-Australian Summer Monsoon Triggered by the First-Branch Eastward-Propagating Madden-Julian Oscillation. <i>Journal of Climate</i> , 2019, 32, 5453-5470.	1.2	17
930	Evaluation and Bias Correction of S2S Precipitation for Hydrological Extremes. <i>Journal of Hydrometeorology</i> , 2019, 20, 1887-1906.	0.7	33
931	Variability of Intraseasonal Oscillations and Synoptic Signals in Sea Surface Salinity in the Bay of Bengal. <i>Journal of Climate</i> , 2019, 32, 6703-6728.	1.2	14
932	Space-Time Spectral Analysis of 2-D Signal on the Globe Using Spherical Harmonics and Wavelet Transform Methods. <i>Journal of Physics: Conference Series</i> , 2019, 1204, 012088.	0.3	1
933	Radiative Feedbacks Associated with the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2019, 32, 7055-7065.	1.2	12
934	Convectively Coupled Equatorial Wave Simulations Using the ECMWF IFS and the NOAA GFS Cumulus Convection Schemes in the NOAA GFS Model. <i>Monthly Weather Review</i> , 2019, 147, 4005-4025.	0.5	19
935	On the Diurnal Cycle of GPS-Derived Precipitable Water Vapor over Sumatra. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 3529-3552.	0.6	12
936	The Euro-Atlantic Circulation Response to the Madden-Julian Oscillation Cycle of Tropical Heating: Coupled GCM Intervention Experiments. <i>Atmosphere - Ocean</i> , 2019, 57, 161-181.	0.6	6
937	Switch Between El Nino and La Nina is Caused by Subsurface Ocean Waves Likely Driven by Lunar Tidal Forcing. <i>Scientific Reports</i> , 2019, 9, 13106.	1.6	10
938	Intra-annual variability of the North West Shelf of Australia and its impact on the Holloway Current: Excitement and propagation of coastally trapped waves. <i>Continental Shelf Research</i> , 2019, 186, 88-103.	0.9	10
939	Factors Limiting the Forecast Skill of the Boreal Summer Intraseasonal Oscillation in a Subseasonal-to-Seasonal Model. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 104-118.	1.9	7
940	The Three Atmospheric Circulations over the Indian Ocean and the Maritime Continent and Their Modulation by the Passage of the MJO. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 517-531.	0.6	2
941	Eastern Canada Flooding 2017 and its Subseasonal Predictions. <i>Atmosphere - Ocean</i> , 2019, 57, 195-207.	0.6	22

#	ARTICLE	IF	CITATIONS
942	Parameter Modulation of Madden-Julian Oscillation Behaviors in BCC_CSM1.2: The Key Role of Moisture-Shallow Convection Feedback. <i>Atmosphere</i> , 2019, 10, 241.	1.0	2
943	The Relationship between the ITCZ and MJO Initiation over the Indian Ocean. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 2275-2294.	0.6	10
944	Modulation of bay of bengal tropical cyclone activity by the madden-julian oscillation. <i>Atmospheric Research</i> , 2019, 229, 23-38.	1.8	25
945	Using Radar Data to Calibrate a Stochastic Parametrization of Organized Convection. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1655-1684.	1.3	11
946	Circling in on Convective Organization. <i>Geophysical Research Letters</i> , 2019, 46, 7024-7034.	1.5	30
947	Satellite Salinity Observing System: Recent Discoveries and the Way Forward. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	120
948	Madden-Julian Oscillations Seen in the Upper-Troposphere Vorticity Field: Interactions with Rossby Wave Trains. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 1785-1807.	0.6	6
949	Indications for a potential synchronization between the phase evolution of the Madden-Julian oscillation and the solar 27-day cycle. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4235-4256.	1.9	10
950	Influence of ENSO and MJO on the zonal structure of tropical tropopause inversion layer using high-resolution temperature profiles retrieved from COSMIC GPS Radio Occultation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6985-7000.	1.9	3
951	The Brazilian Earth System Model ocean-atmosphere (BESM-OA) version 2.5: evaluation of its CMIP5 historical simulation. <i>Geoscientific Model Development</i> , 2019, 12, 1613-1642.	1.3	25
952	Detection of intraseasonal oscillations in the Bay of Bengal using altimetry. <i>Atmospheric Science Letters</i> , 2019, 20, e920.	0.8	12
953	100 Years of Progress in Forecasting and NWP Applications. <i>Meteorological Monographs</i> , 2019, 59, 13.1-13.67.	5.0	54
954	Is atmospheric convection organised?: information entropy analysis. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2019, 113, 553-573.	0.4	2
955	Is the Madden-Julian Oscillation reliably detectable in Schumann Resonances?. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 190, 108-116.	0.6	6
956	Subtropical High Affects Interdecadal Variability of Tropical Cyclone Genesis in the South China Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6379-6392.	1.2	13
957	Evaluation of CMIP6 DECK Experiments With CNRM-CM6-1. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2177-2213.	1.3	494
958	Forcing Factors Affecting Sea Level Changes at the Coast. <i>Surveys in Geophysics</i> , 2019, 40, 1351-1397.	2.1	165
959	Diagnosing the spatiotemporal diversity of westerly wind events in the tropical Pacific. <i>Dynamics of Atmospheres and Oceans</i> , 2019, 86, 90-103.	0.7	2

#	ARTICLE	IF	CITATIONS
960	Evaluation of FAMIL2 in Simulating the Climatology and Seasonal-to-Interannual Variability of Tropical Cyclone Characteristics. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1117-1136.	1.3	49
961	Intraseasonal responses of sea surface and deep oceanic temperature anomalies in the northern Indian Ocean-western Pacific to the 30-day boreal summer atmospheric intraseasonal oscillation. <i>Climate Dynamics</i> , 2019, 53, 4539-4552.	1.7	5
962	Regional seasonality in the intraseasonal oscillation over the Indo-Pacific Oceans. <i>Dynamics of Atmospheres and Oceans</i> , 2019, 86, 33-40.	0.7	1
963	Boreal Summer Intraseasonal Oscillation in the Asian-Pacific Monsoon Region Simulated in CAMS-CSM. <i>Journal of Meteorological Research</i> , 2019, 33, 66-79.	0.9	8
964	A Lagrangian Ocean Model for Climate Studies. <i>Climate</i> , 2019, 7, 41.	1.2	3
965	A budget for the size of convective self-aggregation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 947-966.	1.0	13
966	Moist Entropy and Water Isotopologues in a Zonal Overturning Circulation Framework of the Madden-Julian Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1248-1265.	1.2	3
967	Diurnal cycle of rainfall and convection over the Maritime Continent using TRMM and ISCCP. <i>International Journal of Climatology</i> , 2019, 39, 5191-5200.	1.5	20
968	Comparisons of the temperature and humidity profiles of reanalysis products with shipboard GPS sounding measurements obtained during the 2018 Eastern Indian Ocean Open Cruise. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 177-183.	0.5	3
969	The Impact of the QBO on MJO Convection in Cloud-Resolving Simulations. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 669-688.	0.6	48
970	Modal Decomposition of the Global Response to Tropical Heating Perturbations Resembling MJO. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 1457-1469.	0.6	15
971	Tropical intraseasonal oscillation at monthly time scale during boreal summer and winter. <i>Climate Dynamics</i> , 2019, 53, 3387-3407.	1.7	0
972	The role of the Madden-Julian oscillation on the Amazon Basin intraseasonal rainfall variability. <i>International Journal of Climatology</i> , 2019, 39, 343-360.	1.5	42
973	Influence of the QBO on MJO prediction skill in the subseasonal-to-seasonal prediction models. <i>Climate Dynamics</i> , 2019, 53, 1681-1695.	1.7	63
974	Interactions between intraseasonal and diurnal variability of precipitation in the South Central Pacific: The case of a small high island, Tahiti, French Polynesia. <i>International Journal of Climatology</i> , 2019, 39, 670-686.	1.5	6
975	On the Seasonal Cycle of the Tropical South Indian Ocean. Part I: Mixed Layer Heat and Salt Budgets. <i>Journal of Climate</i> , 2019, 32, 1951-1972.	1.2	5
976	Evidence of Specific MJO Phase Occurrence with Summertime California Central Valley Extreme Hot Weather. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 589-602.	1.9	28
977	Convective Self-Aggregation As a Cold Pool-Driven Critical Phenomenon. <i>Geophysical Research Letters</i> , 2019, 46, 4017-4028.	1.5	38

#	ARTICLE	IF	CITATIONS
978	A Simple Model of Convectively Coupled Equatorial Rossby Waves. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 173-184.	1.3	18
979	Systematic decomposition of the MJO and its Northern Hemispheric extratropical response into Rossby and inertia-gravity components. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 1147-1164.	1.0	13
980	On Relationships between Nonrecurving Western North Pacific Tropical Cyclones, the Madden-Julian Oscillation, and the East Asian Subtropical Jet. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 893-917.	0.6	0
981	Intraseasonal Variability of Summer Precipitation in Mexico: MJO Influence on the Midsummer Drought. <i>Journal of Climate</i> , 2019, 32, 2313-2327.	1.2	34
982	A Solar Signature in Many Climate Indices. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2600-2619.	1.2	48
983	Intraseasonal Convection and Air-Sea Fluxes Over the Indian Monsoon Region Revealed from the Bimodal ISO Index. <i>Pure and Applied Geophysics</i> , 2019, 176, 3665-3680.	0.8	12
984	Combined Effects of the MJO and the Arctic Oscillation on the Intraseasonal Eastern China Winter Temperature Variations. <i>Journal of Climate</i> , 2019, 32, 2295-2311.	1.2	18
985	What Is the Predictability Limit of Midlatitude Weather?. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 1077-1091.	0.6	145
986	Strongest MJO on Record Triggers Extreme Atacama Rainfall and Warmth in Antarctica. <i>Geophysical Research Letters</i> , 2019, 46, 3482-3491.	1.5	41
987	A Systematic Comparison of Tropical Waves over Northern Africa. Part II: Dynamics and Thermodynamics. <i>Journal of Climate</i> , 2019, 32, 2605-2625.	1.2	20
988	Reef-Scale-Dependent Response of Massive Porites Corals From the Central Indian Ocean to Prolonged Thermal Stress: Evidence From Coral Sr/Ca Measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1468-1484.	1.0	9
989	Intraseasonal Oscillation of Tropospheric Ozone over the Indian Summer Monsoon Region. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 417-430.	1.9	1
990	Revised cloud and convective parameterization in CFSv2 improve the underlying processes for northward propagation of Intraseasonal oscillations as proposed by the observation-based study. <i>Climate Dynamics</i> , 2019, 53, 2793-2805.	1.7	9
991	Conditional Nonlinear Optimal Perturbations of Moisture Triggering Primary MJO Initiation. <i>Geophysical Research Letters</i> , 2019, 46, 3492-3501.	1.5	19
992	Revisiting the Impact of Stochastic Multicloud Model on the MJO Using Low-Resolution ECHAM6.3 Atmosphere Model. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 977-993.	0.7	11
993	Physical Mechanisms Controlling the Offshore Propagation of Convection in the Tropics: 2. Influence of Topography. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3251-3264.	1.3	10
994	Magnitude and Phase of Diurnal SST Variations in the ACCESS1 Model During the Suppressed Phase of the MJOs. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9553-9571.	1.0	9
996	Observed Deep-Reaching Signatures of the Madden-Julian Oscillation in the Ocean Circulation of the Western Tropical Pacific. <i>Geophysical Research Letters</i> , 2019, 46, 14634-14643.	1.5	4

#	ARTICLE	IF	CITATIONS
997	Evaluating the Joint Influence of the Madden-Julian Oscillation and the Stratospheric Polar Vortex on Weather Patterns in the Northern Hemisphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11693-11709.	1.2	11
998	A Damping Effect of the Maritime Continent for the Madden-Julian Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13693-13713.	1.2	17
999	Intraseasonal to Interannual Modulation of Diurnal Precipitation Distribution Over Eastern Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11863-11886.	1.2	6
1000	A Cautionary Note on the Long-term Trend in Activity of the Madden-Julian Oscillation During the Past Decades. <i>Geophysical Research Letters</i> , 2019, 46, 14063-14071.	1.5	5
1001	Forecasts of MJO Events during DYNAMO with a Coupled Atmosphere-Ocean Model: Sensitivity to Cumulus Parameterization Scheme. <i>Journal of Meteorological Research</i> , 2019, 33, 1016-1030.	0.9	3
1002	Contemporary GCM Fidelity in Representing the Diurnal Cycle of Precipitation Over the Maritime Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 747-769.	1.2	29
1003	Extratropical Influence on 200-hPa Easterly Acceleration over the Western Indian Ocean Preceding Madden-Julian Oscillation Convective Onset. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 265-284.	0.6	5
1004	Relative Roles of Preconditioning Moistening and Global Circumnavigating Mode on the MJO Convective Initiation During DYNAMO. <i>Geophysical Research Letters</i> , 2019, 46, 1079-1087.	1.5	25
1005	A Statistical Analysis of Relationships between Western North Pacific Tropical Cyclones and Extratropical Circulation Patterns Accompanying the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 583-604.	0.6	2
1006	Regional scale analysis of trends in rainfall using nonparametric methods and wavelet transforms over a semi-arid region in India. <i>International Journal of Climatology</i> , 2019, 39, 2737-2764.	1.5	22
1007	Wind Limits on Rain Layers and Diurnal Warm Layers. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 897-924.	1.0	35
1008	Forecast Verification for S2S Timescales. , 2019, , 337-361.		8
1010	Weather Within Climate: Sub-seasonal Predictability of Tropical Daily Rainfall Characteristics. , 2019, , 47-64.		5
1011	Basin dependence of the MJO modulating tropical cyclone genesis. <i>Climate Dynamics</i> , 2019, 52, 6081-6096.	1.7	28
1012	The Madden-Julian Oscillation. , 2019, , 93-117.		11
1013	Upscale Impact of Mesoscale Disturbances of Tropical Convection on 2-Day Waves. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 171-194.	0.6	4
1014	The Impact of Tropospheric and Stratospheric Tropical Variability on the Location, Frequency, and Duration of Cool-Season Extratropical Synoptic Events. <i>Monthly Weather Review</i> , 2019, 147, 519-542.	0.5	4
1015	An Operational Tracking Method for the MJO Using Extended Empirical Orthogonal Functions. <i>Pure and Applied Geophysics</i> , 2019, 176, 2697-2717.	0.8	6

#	ARTICLE	IF	CITATIONS
1016	Do the stability indices indicate the formation of deep convection?. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1-10.	0.9	10
1017	Trends analysis of rainfall and rainfall extremes in Sarawak, Malaysia using modified Mann-Kendall test. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 263-277.	0.9	145
1018	The lagged connection of the positive NAO with the MJO phase 3 in a simplified atmospheric model. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1091-1103.	1.3	5
1019	Role of topography on the MJO in the maritime continent: a numerical case study. <i>Climate Dynamics</i> , 2020, 55, 295-314.	1.7	24
1020	Nonequilibrium Oscillations, Probability Angular Momentum, and the Climate System. <i>Journal of Statistical Physics</i> , 2020, 179, 1010-1027.	0.5	13
1021	Influence of Subseasonal Variability on the Diurnal Cycle of Precipitation on a Mountainous Island: The Case of New Caledonia. <i>Monthly Weather Review</i> , 2020, 148, 333-351.	0.5	3
1022	Can reanalysis products with only surface variables assimilated capture Madden-Julian oscillation characteristics?. <i>International Journal of Climatology</i> , 2020, 40, 1279-1293.	1.5	9
1023	Topographic Effects on the Luzon Diurnal Cycle during the BSISO. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 3-30.	0.6	18
1024	Detecting and Tracking Coastal Precipitation in the Tropics: Methods and Insights into Multiscale Variability of Tropical Precipitation. <i>Journal of Climate</i> , 2020, 33, 6689-6705.	1.2	4
1025	Tropical Variability Simulated in ICON With a Spectral Cumulus Parameterization. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001732.	1.3	10
1026	Modulation of the impacts of Madden-Julian Oscillation on winter rainfall in China by El Niño-Southern Oscillation. <i>International Journal of Climatology</i> , 2020, 40, 4039-4052.	1.5	9
1027	The Boreal Summer Madden-Julian Oscillation and Moist Convective Morphology over the Maritime Continent. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 647-667.	0.6	4
1028	Wintertime precipitation in eastern China and relation to the Madden-Julian oscillation: Spatiotemporal properties, impacts and causes. <i>Journal of Hydrology</i> , 2020, 582, 124477.	2.3	11
1029	MJO influence in the Caribbean. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1559-1567.	1.3	4
1030	Role of Maritime Continent Land Convection on the Mean State and MJO Propagation. <i>Journal of Climate</i> , 2020, 33, 1659-1675.	1.2	26
1031	Roles of atmospheric variabilities in the formation of the Indian Ocean Dipole. <i>Ocean Dynamics</i> , 2020, 70, 21-39.	0.9	6
1032	Climate Perspectives in the Intra-Americas Seas. <i>Atmosphere</i> , 2020, 11, 959.	1.0	34
1033	Interactions Between Mesoscale Eddies and Synoptic Oscillations in the Bay of Bengal During the Strong Monsoon of 2019. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016772.	1.0	14

#	ARTICLE	IF	CITATIONS
1034	Sub-seasonal variability of surface soil moisture over eastern China. <i>Climate Dynamics</i> , 2020, 55, 3527-3541.	1.7	4
1035	A Cluster Approach to Cloud Cover Classification over South America and Adjacent Oceans Using a k-means/k-means++ Unsupervised Algorithm on GOES IR Imagery. <i>Remote Sensing</i> , 2020, 12, 2991.	1.8	7
1036	Barrier for the Eastward Propagation of Madden-Julian Oscillation Over the Maritime Continent: A Possible New Mechanism. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090211.	1.5	7
1037	Stable isotopes of precipitation in Nepal Himalaya highlight the topographic influence on moisture transport. <i>Quaternary International</i> , 2020, 565, 22-30.	0.7	8
1038	Longitudinal Responses of the Equatorial/Low-Latitude Ionosphere Over the Oceanic Regions to Geomagnetic Storms of May and September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027963.	0.8	27
1039	Closing the sea surface mixed layer temperature budget from in situ observations alone: Operation Advection during BoBBLE. <i>Scientific Reports</i> , 2020, 10, 7062.	1.6	38
1040	SABER Observations of Gravity Wave Responses to the Madden-Julian Oscillation From the Stratosphere to the Lower Thermosphere in Tropics and Extratropics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL091014.	1.5	5
1041	MJO Wind Energy and Prediction of El Niño. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016732.	1.0	2
1042	Simulation of Central Indian Ocean Mode in S2S Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033550.	1.2	10
1043	The Tidal Response in the Mesosphere/Lower Thermosphere to the Madden-Julian Oscillation Observed by SABER. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089172.	1.5	9
1044	The Impact of MJO, Kelvin, and Equatorial Rossby Waves on the Diurnal Cycle over the Maritime Continent. <i>Atmosphere</i> , 2020, 11, 711.	1.0	8
1045	Intraseasonal Vertical Cloud Regimes Based on CloudSat Observations over the Tropics. <i>Remote Sensing</i> , 2020, 12, 2273.	1.8	6
1046	Improving subseasonal precipitation forecasts through a statistical-dynamical approach : application to the southwest tropical Pacific. <i>Climate Dynamics</i> , 2020, 55, 1913-1927.	1.7	20
1047	The physics of climate variability and climate change. <i>Reviews of Modern Physics</i> , 2020, 92, .	16.4	159
1048	Can the Madden-Julian Oscillation Affect the Antarctic Total Column Ozone?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088886.	1.5	2
1049	The Unique Characteristics and Potential Mechanisms of the MJO-QBO Relationship. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033196.	1.2	19
1050	Potential Precipitation Predictability Decreases Under Future Warming. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090798.	1.5	9
1051	Monsoons, ITCZs, and the Concept of the Global Monsoon. <i>Reviews of Geophysics</i> , 2020, 58, e2020RG000700.	9.0	67

#	ARTICLE	IF	CITATIONS
1052	C-band Doppler weather radar observations during the passage of tropical cyclone "Ockhi". Natural Hazards, 2020, 104, 2197-2211.	1.6	9
1053	The Impact of the Madden-Julian Oscillation on Cyclone Amphan (2020) and Southwest Monsoon Onset. Remote Sensing, 2020, 12, 3011.	1.8	10
1054	Can geostrophic adjustment of baroclinic disturbances in the tropical atmosphere explain MJO events?. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 3998-4013.	1.0	11
1055	Interannual variations in the amplitude of 25-70-day intraseasonal oscillations in Central Africa and relationship with ENSO. Bulletin of Atmospheric Science and Technology, 2020, 1, 387-405.	0.4	5
1057	Cloudy Perspectives. , 2020, , 1-32.		0
1058	Clouds as Fluids. , 2020, , 35-73.		2
1059	Clouds as Particles. , 2020, , 74-98.		0
1060	Clouds as Light. , 2020, , 99-122.		0
1061	Conceptualising Clouds. , 2020, , 125-169.		0
1062	Parameterising Clouds. , 2020, , 170-217.		1
1063	Evaluating Clouds. , 2020, , 218-248.		0
1064	Tropical and Subtropical Cloud Systems. , 2020, , 251-278.		0
1065	Midlatitude Cloud Systems. , 2020, , 279-296.		0
1066	Arctic Cloud Systems. , 2020, , 297-310.		0
1067	Clouds and Aerosols. , 2020, , 313-328.		24
1068	Clouds and Land. , 2020, , 329-355.		0
1069	Clouds and Warming. , 2020, , 356-388.		1
1071	Climatic oscillations effect on the yellowfin tuna (<i>Thunnus albacares</i>) Spanish captures in the Indian Ocean. Fisheries Oceanography, 2020, 29, 572-583.	0.9	12

#	ARTICLE	IF	CITATIONS
1072	Analysis of Coupled Oceanic and Atmospheric Preconditioning for Primary Madden-Julian Oscillation Events Across ENSO Phases. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016358.	1.0	2
1073	Changes to the Madden-Julian Oscillation in Coupled and Uncoupled Aquaplanet Simulations With $4\times\text{CO}_2$. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002179.	1.3	6
1074	An Index Intercomparison for MJO Events and Termination. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032507.	1.2	5
1075	The Trouble with Water: Condensation, Circulation and Climate. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	4
1076	Quantifying precipitation extremes and their relationships with large-scale climate oscillations in a tropical country, Singapore: 1980–2018. <i>Singapore Journal of Tropical Geography</i> , 2020, 41, 384-412.	0.6	5
1077	Modeling Evidence of QBO–MJO Connection: A Case Study. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089480.	1.5	15
1078	Characterizing Temperature and Aerosol Variability During Jupiter's 2006–2007 Equatorial Zone Disturbance. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006413.	1.5	4
1079	Attribution of Amazon floods to modes of climate variability: A review. <i>Meteorological Applications</i> , 2020, 27, e1949.	0.9	18
1080	How MJO Teleconnections and ENSO Interference Impacts U.S. Precipitation. <i>Journal of Climate</i> , 2020, 33, 4621-4640.	1.2	31
1081	Coupled Ocean–Atmosphere Modeling Over the Maritime Continent: A Review. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC014978.	1.0	22
1082	Seasonality of the MJO Impact on Upper Troposphere–Lower Stratosphere Temperature, Circulation, and Composition. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 1455-1473.	0.6	3
1083	Barrier Effect of the Indo-Pacific Maritime Continent on MJO Propagation in Observations and CMIP5 Models. <i>Journal of Climate</i> , 2020, 33, 5173-5193.	1.2	12
1084	Social-media and newspaper reports reveal large-scale meteorological drivers of floods on Sumatra. <i>Nature Communications</i> , 2020, 11, 2503.	5.8	38
1085	Back-to-Back Occurrence of Tropical Cyclones in the Arabian Sea During October–November 2015: Causes and Responses. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015836.	1.0	18
1086	Deep Convective Adjustment of Temperature and Moisture. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 2163-2186.	0.6	26
1087	Configuration and hindcast quality assessment of a Brazilian global subseasonal prediction system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1067-1084.	1.0	13
1088	Preliminary Evidence of Madden-Julian Oscillation Effects on Ultrafast Tropical Waves in the Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027649.	0.8	20
1089	Investigating the Role of Cloud–Radiation Interactions in Subseasonal Tropical Disturbances. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086817.	1.5	11

#	ARTICLE	IF	CITATIONS
1090	Potential Impacts of Assimilating All-Sky Satellite Infrared Radiances on Convection-Permitting Analysis and Prediction of Tropical Convection. <i>Monthly Weather Review</i> , 2020, 148, 3203-3224.	0.5	21
1091	Effects of high-frequency surface wind on the intraseasonal SST associated with the Madden-Julian oscillation. <i>Climate Dynamics</i> , 2020, 54, 4485-4498.	1.7	0
1092	Factors affecting extreme rainfall events in the South Pacific. <i>Weather and Climate Extremes</i> , 2020, 29, 100262.	1.6	5
1093	Modulation of Tropical Cyclone Genesis in the Bay of Bengal by the Central Indian Ocean Mode. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032641.	1.2	15
1094	QBO-MJO Connection in CMIP5 Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032157.	1.2	12
1095	Tropical Cyclogenesis From Self-Aggregated Convection in Numerical Simulations of Rotating Radiative-Convective Equilibrium. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002020.	1.3	19
1096	The Climatological Analysis of Typhoon Tracks, Steering Flow, and the Pacific Subtropical High in the Vicinity of Taiwan and the Western North Pacific. <i>Atmosphere</i> , 2020, 11, 543.	1.0	10
1097	Impact of Cloud Longwave Scattering on Radiative Fluxes Associated With the Madden-Julian Oscillation in the Indian Ocean and Maritime Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032591.	1.2	6
1098	Assessing the skill of all-season diverse Madden-Julian oscillation indices for the intraseasonal Amazon precipitation. <i>Climate Dynamics</i> , 2020, 54, 3729-3749.	1.7	11
1099	A 20-Year Climatology of Madden-Julian Oscillation Convection: Large-Scale Precipitation Tracking From TRMM-GPM Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032142.	1.2	17
1100	Climate Model State Estimation Using Variants of EnKF Coupled Data Assimilation. <i>Monthly Weather Review</i> , 2020, 148, 2411-2431.	0.5	12
1101	Prospects for Erratic and Intensifying Madden-Julian Oscillations. <i>Climate</i> , 2020, 8, 24.	1.2	7
1102	Madden-Julian Oscillation: Its Discovery, Dynamics, and Impact on East Asia. <i>Journal of Meteorological Research</i> , 2020, 34, 20-42.	0.9	37
1103	Atmospheric Internal Variability in the Summer Indo-Northwestern Pacific: Role of the Intraseasonal Oscillation. <i>Journal of Climate</i> , 2020, 33, 3395-3410.	1.2	11
1104	Circulation Factors Determining the Propagation Speed of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2020, 33, 3367-3380.	1.2	31
1105	Interactions between Moisture and Tropical Convection. Part II: The Convective Coupling of Equatorial Waves. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 1801-1819.	0.6	15
1106	Modulation of the Westerly and Easterly Quasi-Biennial Oscillation Phases on the Connection between the Madden-Julian Oscillation and the Arctic Oscillation. <i>Atmosphere</i> , 2020, 11, 175.	1.0	7
1107	Comparison of the Madden-Julian Oscillation-Related Tropical Cyclone Genesis over the South China Sea and Western North Pacific under Different El Niño-Southern Oscillation Conditions. <i>Atmosphere</i> , 2020, 11, 183.	1.0	3

#	ARTICLE	IF	CITATIONS
1108	Effects of Urbanization on Watershed Evapotranspiration and Its Components in Southern China. <i>Water (Switzerland)</i> , 2020, 12, 645.	1.2	34
1109	Sensitivity of rainfall and submonthly oscillations to moist physical processes schemes on Hainan island in autumn. <i>Atmospheric Research</i> , 2020, 246, 105115.	1.8	1
1110	The Madden-Julian Oscillation and Mean Easterly Winds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030869.	1.2	5
1111	Moist shallow-water response to tropical forcing: Initial-value problems. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 3695-3714.	1.0	5
1112	Fifty Years of Research on the Madden-Julian Oscillation: Recent Progress, Challenges, and Perspectives. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030911.	1.2	106
1113	The Role of Oceanic Processes in the Initiation of Boreal Winter Intraseasonal Oscillations Over the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015426.	1.0	5
1114	QBO Modulation of the MJO-Related Precipitation in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031929.	1.2	27
1115	Trends in extreme rainfall and hydrogeometeorological disasters in the Metropolitan Area of São Paulo: a review. <i>Annals of the New York Academy of Sciences</i> , 2020, 1472, 5-20.	1.8	54
1116	Effects of Moisture Initialization on MJO and its Teleconnection Prediction in BCC Subseasonal Coupled Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031537.	1.2	14
1117	Tropical and mid-latitude teleconnections interacting with the Indian summer monsoon rainfall: a theory-guided causal effect network approach. <i>Earth System Dynamics</i> , 2020, 11, 17-34.	2.7	29
1118	Predictability of tropical rainfall and waves: Estimates from observational data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1668-1684.	1.0	17
1119	The Impact of the Stratosphere on the MJO in a Forecast Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032106.	1.2	13
1120	The Uncharacteristic Occurrence of the June 2013 Biomass-Burning Haze Event in Southeast Asia: Effects of the Madden-Julian Oscillation and Tropical Cyclone Activity. <i>Atmosphere</i> , 2020, 11, 55.	1.0	8
1121	Tracking of Tropical Intraseasonal Convective Anomalies: 1. Seasonality of the Tropical Intraseasonal Oscillations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030873.	1.2	4
1122	Oceanic Impacts on MJOs Detouring near the Maritime Continent. <i>Journal of Climate</i> , 2020, 33, 2371-2388.	1.2	21
1123	Madden-Julian oscillation influence on sub-seasonal rainfall variability on the west of South America. <i>Climate Dynamics</i> , 2020, 54, 2167-2185.	1.7	15
1124	The Effect of the Madden-Julian Oscillation on the North Atlantic Oscillation Using Idealized Numerical Experiments. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 1613-1635.	0.6	4
1125	Hydrological processes interconnecting the two largest watersheds of South America from seasonal to intra-monthly time scales: A critical review. <i>International Journal of Climatology</i> , 2020, 40, 3971-4005.	1.5	8

#	ARTICLE	IF	CITATIONS
1126	Remote influences on the Indian monsoon low-level jet intraseasonal variations. <i>Climate Dynamics</i> , 2020, 54, 2221-2236.	1.7	6
1127	Four Theories of the Madden-Julian Oscillation. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000685.	9.0	87
1128	Enhanced winter and summer trend difference of Madden-Julian Oscillation intensity since 1871. <i>International Journal of Climatology</i> , 2020, 40, 6369-6381.	1.5	3
1129	The Madden-Julian Oscillation Affects Maize Yields Throughout the Tropics and Subtropics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087004.	1.5	3
1130	An ERA5-Based Hourly Global Pressure and Temperature (HGPT) Model. <i>Remote Sensing</i> , 2020, 12, 1098.	1.8	31
1131	On the linkage between extreme rainfall and the Madden-Julian Oscillation over the Indian region. <i>Meteorological Applications</i> , 2020, 27, e1901.	0.9	13
1132	WISHE-Moisture Mode in a Vertically Resolved Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001839.	1.3	4
1133	A Study on Assimilation of CYGNSS Wind Speed Data for Tropical Convection during 2018 January MJO. <i>Remote Sensing</i> , 2020, 12, 1243.	1.8	9
1134	Meso-scale contribution to air-sea turbulent fluxes at GCM scale. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2466-2495.	1.0	7
1135	Mean State Biases and Interannual Variability Affect Perceived Sensitivities of the Madden-Julian Oscillation to Air-Sea Coupling. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001799.	1.3	19
1136	The Global Teleconnection Signature of the Madden-Julian Oscillation and Its Modulation by the Quasi-Biennial Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032653.	1.2	24
1137	Tracking Air-Sea Exchange and Upper-Ocean Variability in the Indonesian-Australian Basin during the Onset of the 2018/19 Australian Summer Monsoon. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1397-E1412.	1.7	8
1138	Recent weakening in MJO-related convective activity over the equatorial Indian Ocean and Maritime Continent. <i>Theoretical and Applied Climatology</i> , 2021, 143, 267-278.	1.3	4
1139	Changes in long-term properties and natural cycles of the Danube river level and flow induced by damming. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 566, 125607.	1.2	3
1140	Rectification of the Intraseasonal SST Variability by the Diurnal Cycle of SST Revealed by the Global Tropical Moored Buoy Array. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	8
1141	Introducing new climate indices for identifying wet/dry spells within an Madden-Julian Oscillation phase. <i>International Journal of Climatology</i> , 2021, 41, E1686.	1.5	3
1142	Eastward-moving equatorial modons in moist-convective shallow-water models. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2021, 115, 345-367.	0.4	7
1143	Regulation of the subseasonal variability of winter rainfall in South China by the diversity of El Niño Southern Oscillation. <i>Climate Dynamics</i> , 2021, 56, 1919-1936.	1.7	10

#	ARTICLE	IF	CITATIONS
1144	Backward trajectories analysis of southern California atmospheric rivers. <i>Climate Research</i> , 0, , .	0.4	0
1145	Quasi-Equilibrium and Weak Temperature Gradient Balances in an Equatorial Beta-Plane Model. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 209-227.	0.6	17
1146	The Boreal Summer Intraseasonal Oscillation (BSISO): A Review. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 933-972.	0.7	41
1147	Reevaluating the impacts of oceanic vertical resolution on the simulation of Madden-Julian Oscillation eastward propagation in a climate system model. <i>Climate Dynamics</i> , 2021, 56, 2259-2278.	1.7	2
1148	Variability in QBO Temperature Anomalies on Annual and Decadal Time Scales. <i>Journal of Climate</i> , 2021, 34, 589-605.	1.2	8
1149	Processes governing the seasonality of vertical chlorophyll-a distribution in the central Arabian Sea: Bio-Argo observations and ecosystem model simulation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 183, 104926.	0.6	8
1150	Simulation of thermal effects of engineering objects in the arctic regions on the permafrost boundaries. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
1151	The Influence of the Stratosphere on the Tropical Troposphere. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 803-845.	0.7	31
1152	Severe convective storms in a changing climate. , 2021, , 39-56.		6
1153	Diurnal Variations in Ocean Wind Speeds Measured by CYGNSS and Other Satellites. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	4
1154	Systematic Patterns in Land Precipitation Due to Convection in Neighboring Islands in the Maritime Continent During MJO Propagation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033465.	1.2	8
1155	Impacts of Saharan Mineral Dust on Air-Sea Interaction over North Atlantic Ocean Using a Fully Coupled Regional Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033586.	1.2	1
1156	Subseasonal Prediction Performance for Austral Summer South American Rainfall. <i>Weather and Forecasting</i> , 2021, 36, 147-169.	0.5	12
1157	Dynamic and thermodynamic modulations of the convectively coupled equatorial waves by the MJO. <i>Environmental Research Communications</i> , 2021, 3, 025004.	0.9	1
1158	Exceptionally Persistent Madden-Julian Oscillation Activity Contributes to the Extreme 2020 East Asian Summer Monsoon Rainfall. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091588.	1.5	38
1159	On the Relationship Between the Madden-Julian Oscillation and the Hadley and Walker Circulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2019JD032117.	1.2	10
1160	Possible impact of equatorially trapped waves on the tropical cyclone drift. <i>Climate Dynamics</i> , 2021, 56, 3749-3773.	1.7	0
1162	Understanding Tropical Convection Through Triple Oxygen Isotopes of Precipitation From the Maritime Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033418.	1.2	17

#	ARTICLE	IF	CITATIONS
1163	The first detection of the Madden-Julian Oscillation signal in daily to hourly resolution proxy records derived from a natural archive of Giant Clam Shell (<i>Tridacna</i> spp.). <i>Earth and Planetary Science Letters</i> , 2021, 555, 116703.	1.8	8
1164	The MJO-QBO Relationship in a GCM with Stratospheric Nudging. <i>Journal of Climate</i> , 2021, , 1-69.	1.2	17
1166	Idealized Aquaplanet Simulations of Tropical Cyclone Activity: Significance of Temperature Gradients, Hadley Circulation, and Zonal Asymmetry. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 877-902.	0.6	8
1167	Active and weakening MJO events in the Maritime Continent. <i>Climate Dynamics</i> , 2021, 57, 157-172.	1.7	11
1168	Improving the MJO Forecast of S2S Operation Models by Correcting Their Biases in Linear Dynamics. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091930.	1.5	11
1169	Forecast Skill of the NAO in the Subseasonal to-Seasonal Prediction Models. <i>Journal of Climate</i> , 2021, , 1-50.	1.2	12
1170	Influence of the <scp>MJO</scp> on daily surface air temperature over Iran. <i>International Journal of Climatology</i> , 2021, 41, 4562-4573.	1.5	4
1171	Intraseasonal teleconnections leading to heat waves in central <scp>Chile</scp>. <i>International Journal of Climatology</i> , 2021, 41, 4712-4731.	1.5	12
1172	Sources of Subseasonal to Seasonal Predictability of Atmospheric Rivers and Precipitation in the Western United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034053.	1.2	13
1173	Sensitivities of the Madden-Julian oscillation forecasts to configurations of physics in the ECMWF global model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4759-4778.	1.9	1
1174	Tropical cyclone contribution to extreme rainfall over southwest Pacific Island nations. <i>Climate Dynamics</i> , 2021, 56, 3967-3993.	1.7	14
1175	Evaluating Monin-Obukhov Scaling in the Unstable Oceanic Surface Layer. <i>Journal of Physical Oceanography</i> , 2021, 51, 911-930.	0.7	6
1176	CAFE60v1: A 60-year large ensemble climate reanalysis. Part II: Evaluation. <i>Journal of Climate</i> , 2021, , 1-62.	1.2	4
1177	Tropical Temperature Variability in the UTLS: New Insights from GPS Radio Occultation Observations. <i>Journal of Climate</i> , 2021, 34, 2813-2838.	1.2	21
1178	MJO-Induced Intraseasonal Mixed Layer Depth Variability in the Equatorial Indian Ocean and Impacts on Subsurface Water Obduction. <i>Journal of Physical Oceanography</i> , 2021, 51, 1247-1263.	0.7	2
1179	Moisture Variation with Cloud Effects during a BSISO over the Eastern Maritime Continent in a Cloud-Permitting-Scale Simulation. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 1869-1888.	0.6	5
1180	Equatorial modons in dry and moist-convective shallow-water systems on a rotating sphere. <i>Journal of Fluid Mechanics</i> , 2021, 916, .	1.4	1
1181	Increasing Influence of Indian Ocean Dipole on Precipitation Over Central Equatorial Africa. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092370.	1.5	11

#	ARTICLE	IF	CITATIONS
1182	A Global High-Resolution Mesoscale Convective System Database Using Satellite-Derived Cloud Tops, Surface Precipitation, and Tracking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034202.	1.2	88
1183	Convection-Kelvin Wave Coupling in a Global Convection-Permitting Model. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 1039-1055.	0.6	1
1184	Impacts of teleconnection patterns on South America climate. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 116-153.	1.8	44
1185	Linking the Madden-Julian Oscillation, tropical cyclones and westerly wind bursts as part of El Niño development. <i>Climate Dynamics</i> , 2021, 57, 1039-1060.	1.7	10
1186	Intercomparison of MJO Column Moist Static Energy and Water Vapor Budget among Six Modern Reanalysis Products. <i>Journal of Climate</i> , 2021, 34, 2977-3001.	1.2	16
1187	Role of Diurnal Cycle in the Maritime Continent Barrier Effect on MJO Propagation in an AGCM. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 1545-1565.	0.6	5
1188	Relationships between subseasonal-to-seasonal predictability and spatial scales in tropical rainfall. <i>International Journal of Climatology</i> , 2021, 41, 5596.	1.5	3
1189	Diurnal Cycle of Precipitation Features Observed During DYNAMO. <i>Journals of the Atmospheric Sciences</i> , 2021, , .	0.6	0
1190	Identifying key driving mechanisms of heat waves in central Chile. <i>Climate Dynamics</i> , 2021, 57, 2415-2432.	1.7	12
1191	ENSO Diversity in a Tropical Stochastic Skeleton Model for the MJO, El Niño, and Dynamic Walker Circulation. <i>Journal of Climate</i> , 2021, 34, 3481-3501.	1.2	4
1192	Deep learning for bias correction of MJO prediction. <i>Nature Communications</i> , 2021, 12, 3087.	5.8	25
1193	Interactions of Large-Scale Dynamics and Madden-Julian Oscillation Propagation in Multi-Model Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033988.	1.2	2
1194	Intraseasonal Variability of Sea Level in the Western North Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017237.	1.0	3
1195	Equatorial Waves Triggering Extreme Rainfall and Floods in Southwest Sulawesi, Indonesia. <i>Monthly Weather Review</i> , 2021, 149, 1381-1401.	0.5	17
1196	Modulation of the MJO-Related Teleconnection by the QBO in Subseasonal-to-Seasonal Prediction Models. <i>Atmosphere - Ocean</i> , 2021, 59, 165-177.	0.6	0
1197	Factors Controlling the Diversities of MJO Propagation and Intensity. <i>Journal of Climate</i> , 2021, , 1-41.	1.2	0
1198	Substantial Sea Surface Temperature Cooling in the Banda Sea Associated With the Madden-Julian Oscillation in the Boreal Winter of 2015. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017226.	1.0	4
1199	The influence of the quasi-biennial oscillation on the Madden-Julian oscillation. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 477-489.	12.2	50

#	ARTICLE	IF	CITATIONS
1200	Underestimated MJO Variability in CMIP6 Models. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092244.	1.5	20
1201	The Mixed Layer Salinity Budget in the Central Equatorial Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017280.	1.0	4
1202	Information flow between MJO-related waves: a network approach on the wave space. <i>European Physical Journal: Special Topics</i> , 2021, 230, 3009-3017.	1.2	7
1203	Effects of MJO Vertically Tilted Structure on Its Phase Speed from the Moisture Mode Theory Perspective. <i>Journal of Climate</i> , 2021, 34, 4505-4520.	1.2	2
1204	Subsurface Oceanic Structure Associated With Atmospheric Convectively Coupled Equatorial Kelvin Waves in the Eastern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017171.	1.0	2
1205	Assessment of SCATSat's Scatterometer Winds on the Upper Ocean Simulations in the North Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016677.	1.0	4
1206	Coupled network analysis revealing global monthly scale co-variability patterns between sea-surface temperatures and precipitation in dependence on the ENSO state. <i>European Physical Journal: Special Topics</i> , 0, , 1.	1.2	5
1207	Influence of the Boreal Summer Intra-Seasonal Oscillation on rainfall in the Blue Nile Basin. <i>Climate Dynamics</i> , 2021, 57, 3433-3445.	1.7	3
1208	Local and Remote Atmospheric Circulation Drivers of Arctic Change: A Review. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	24
1209	Mechanism Studies of Madden-Julian Oscillation Coupling Into the Mesosphere/Lower Thermosphere Tides Using SABER, MERRA-2, and SD-WACCMX. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034595.	1.2	4
1210	The MJO on the Equatorial Beta Plane: An Eastward-Propagating Rossby Wave Induced by Meridional Moisture Advection. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 3115-3135.	0.6	10
1211	Large-scale Precipitation Systems: Essential Elements of the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093184.	1.5	0
1212	Impact of islands on the MJO propagation across the maritime continent: a numerical modeling study of an MJO event. <i>Climate Dynamics</i> , 2021, 57, 2921-2935.	1.7	4
1213	The Madden-Julian Oscillation Modulates the Air Quality in the Maritime Continent. <i>Earth and Space Science</i> , 2021, 8, e2021EA001708.	1.1	6
1214	Performance of the Taiwan Earth System Model in Simulating Climate Variability Compared With Observations and CMIP6 Model Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002353.	1.3	31
1215	Cumulative positive contributions of propagating ISO to the quick low-level atmospheric response during El Niño developing years. <i>Climate Dynamics</i> , 2022, 58, 569-590.	1.7	5
1216	Evaluation of Mean State in NCEP Climate Forecast System (Version 2) Simulation Using a Stochastic Multicloud Model Calibrated With DYNAMO RADAR Data. <i>Earth and Space Science</i> , 2021, 8, e2020EA001455.	1.1	0
1217	Improving the Analyses and Forecasts of a Tropical Squall Line Using Upper Tropospheric Infrared Satellite Observations. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 733-746.	1.9	5

#	ARTICLE	IF	CITATIONS
1218	Variation of Radar-Observed Precipitation Characteristics in Relation to the Simultaneous Passages of a Madden-Julian Oscillation Event and Convectively Coupled Equatorial Waves during the Years of the Maritime Continent Pilot Study. <i>Monthly Weather Review</i> , 2021, , .	0.5	1
1219	Seasonal and subseasonal wind power characterization and forecasting for the Iberian Peninsula and the Canary Islands: A systematic review. <i>International Journal of Climatology</i> , 0, , .	1.5	3
1220	Event attribution of Parnaíba River floods in Northeastern Brazil. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	3
1221	Excitation of the Madden-Julian Oscillation in Atmospheric Adjustment to Equatorial Heating. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 3933-3950.	0.6	4
1222	Surface and subsurface signatures of monsoon intraseasonal oscillations from moored buoys observation in the Bay of Bengal. <i>Dynamics of Atmospheres and Oceans</i> , 2021, 95, 101240.	0.7	3
1223	Dependence of Precipitation on Precipitable Water Vapor Over the Maritime Continent and Implications to the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094648.	1.5	0
1224	Southern African monsoon: intraseasonal variability and monsoon indices. <i>Climate Dynamics</i> , 2022, 58, 1193-1220.	1.7	5
1225	Global Survey of the MJO and Extreme Precipitation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094691.	1.5	14
1226	Assessing the role of air-sea coupling in predicting Madden-Julian Oscillation with an atmosphere-ocean coupled model. <i>Journal of Climate</i> , 2021, , 1-58.	1.2	1
1227	Testing Methods of Pattern Extraction for Climate Data Using Synthetic Modes. <i>Journal of Climate</i> , 2021, 34, 7645-7660.	1.2	4
1228	The equatorial wave skeleton of the Madden-Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 0, , .	1.0	2
1229	A Case Study on MJO Energy Transport Path in a Local Multi-scale Interaction Framework. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1929-1944.	1.9	0
1230	NAO Influence on the MJO and its Prediction Skill in the Subseasonal-to-Seasonal Prediction Models. <i>Journal of Climate</i> , 2021, , 1-45.	1.2	2
1231	Lagged teleconnections of climate variables identified via complex rotated Maximum Covariance Analysis. <i>Journal of Climate</i> , 2021, , 1-59.	1.2	6
1232	Intraseasonal variability of the Indonesian throughflow associated with the Madden-Julian Oscillation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 193, 104985.	0.6	4
1233	Mixing in equatorial oceans. , 2022, , 257-273.		1
1234	Reexamining the Moisture Mode Theories of the Madden-Julian Oscillation Based on Observational Analyses. <i>Journal of Climate</i> , 2021, 34, 839-853.	1.2	9
1235	Stratospheric ozone and quasi-biennial oscillation (QBO) interaction with the tropical troposphere on intraseasonal and interannual timescales: a normal-mode perspective. <i>Earth System Dynamics</i> , 2021, 12, 83-101.	2.7	10

#	ARTICLE	IF	CITATIONS
1236	Atmospheric blocking events in the North Atlantic: trends and links to climate anomalies and teleconnections. <i>Climate Dynamics</i> , 2021, 56, 2199-2221.	1.7	12
1237	Core Dynamics of the MJO. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 229-248.	0.6	13
1238	Classification of time series of temperature variations from climatically homogeneous regions based on long-term persistence. <i>International Journal of Climatology</i> , 2021, 41, 2660-2678.	1.5	1
1239	MJO induced diurnal sea surface temperature variations off the northwest shelf of Australia observed from Himawari geostationary satellite. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 183, 104925.	0.6	5
1240	Diversity of the Global Teleconnections Associated with the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2021, 34, 397-414.	1.2	12
1241	Impact of atmosphere-ocean interactions on propagation and initiation of boreal winter and summer intraseasonal oscillations. , 2021, , 17-60.		1
1242	Atmospheric River Lifecycle Responses to the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090983.	1.5	20
1243	A Stochastic Parameterization of Organized Tropical Convection Using Cellular Automata for Global Forecasts in NOAA's Unified Forecast System. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002260.	1.3	13
1244	The Impact of Diurnal Precipitation over Sumatra Island, Indonesia, on Synoptic Disturbances and its Relation to the Madden-Julian Oscillation. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 113-137.	0.7	7
1247	Madden-Julian Oscillation (MJO). <i>Encyclopedia of Earth Sciences Series</i> , 2014, , 349-358.	0.1	3
1248	Introduction to Hydrology. , 2014, , 1-126.		7
1249	Current Climate and Recent Trends. <i>Regional Climate Studies</i> , 2014, , 53-94.	1.2	5
1250	Tropical-extratropical interactions. , 2012, , 497-512.		11
1251	Chemical and biological impacts. , 2012, , 569-585.		3
1254	Indian Ocean Variability and Interactions. , 2020, , 153-185.		2
1256	Monitoring Intraseasonal Oscillations in the Indian Ocean Using Satellite Observations. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015891.	1.0	13
1257	Wind Speed, Surface Flux, and Intraseasonal Convection Coupling From CYGNSS Data. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090376.	1.5	10
1258	Coastal Upwelling Events, Salinity Stratification, and Barrier Layer Observed Along the Southwestern Coast of Sumatra. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016287.	1.0	5

#	ARTICLE	IF	CITATIONS
1259	Diurnal Cycle of Precipitation Over the Maritime Continent Under Modulation of MJO: Perspectives From Cloud-Permitting Scale Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032529.	1.2	21
1260	Impact of Madden-Julian Oscillation (MJO) on global distribution of total water vapor and column ozone. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 54, 012034.	0.2	6
1261	Predictability and Prediction of the Madden-Julian Oscillation: A Review on Progress and Current Status. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2017, , 147-159.	0.2	16
1262	The Influence of Natural Climate Variability on Tropical Cyclones, and Seasonal Forecasts of Tropical Cyclone Activity. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2010, , 325-360.	0.2	55
1263	A Road Map to IndoOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1891-E1913.	1.7	48
1264	Asymptotic Models for Tropical Intraseasonal Oscillations and Geostrophic Balance. <i>Journal of Climate</i> , 2020, 33, 4715-4737.	1.2	3
1265	The Critical Role of Non-Normality in Partitioning Tropical and Extratropical Contributions to PNA Growth. <i>Journal of Climate</i> , 2020, 33, 6273-6295.	1.2	19
1266	Intercomparison of Precipitation Estimates over the Southern Ocean from Atmospheric Reanalyses. <i>Journal of Climate</i> , 2020, 33, 10627-10651.	1.2	10
1267	Reexamining the MJO Moisture Mode Theories with Normalized Phase Evolutions. <i>Journal of Climate</i> , 2020, 33, 8523-8536.	1.2	11
1268	Influence of Madden-Julian Oscillation on the Intraseasonal Variability of Summer and Winter Monsoon Rainfall in the Philippines. <i>Journal of Climate</i> , 2020, 33, 9581-9594.	1.2	17
1269	Predicting Daily Mean Wind Speed in Europe Weeks ahead from MJO Status. <i>Monthly Weather Review</i> , 2020, 148, 3413-3426.	0.5	13
1270	Skillful All-Season S2S Prediction of U.S. Precipitation Using the MJO and QBO. <i>Weather and Forecasting</i> , 2020, 35, 2179-2198.	0.5	12
1271	The Canadian Seasonal to Interannual Prediction System Version 2 (CanSIPsv2). <i>Weather and Forecasting</i> , 2020, 35, 1317-1343.	0.5	50
1272	Snowpack Loss Promotes Soil Freezing and Concrete Frost Formation in a Northeastern Temperate Softwoods Stand. <i>Northeastern Naturalist</i> , 2017, 24, B42-B54.	0.1	9
1273	Ciclos climáticos e causas naturais das mudanças do clima. <i>Terrae Didactica</i> , 2018, 13, 149.	0.0	11
1274	Ensemble Simulation of Cyclone Nargis by a Global Cloud-System-Resolving Model-Modulation of Cyclogenesis by the Madden-Julian Oscillation. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 571-591.	0.7	23
1275	A Statistical Analysis of Surface Turbulent Heat Flux Enhancements Due to Precipitating Clouds Observed in the Tropical Western Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 439-457.	0.7	15
1276	Comparison Study of Lower-tropospheric Horizontal Wind over Sumatra, Indonesia Using NCEP/NCAR Reanalysis, Operational Radiosonde, and the Equatorial Atmosphere Radar. <i>Scientific Online Letters on the Atmosphere</i> , 2009, 5, 21-24.	0.6	5

#	ARTICLE	IF	CITATIONS
1277	A Comparison of the Madden-Julian Oscillation Simulated by Different Versions of the MIROC Climate Model. <i>Scientific Online Letters on the Atmosphere</i> , 2012, 8, 165-169.	0.6	2
1278	Seasonal climate summary southern hemisphere (autumn 2011): one of the strongest La Niña events on record begins to decline. <i>Australian Meteorological Magazine</i> , 2012, 62, 39-50.	0.4	8
1279	Seasonal climate summary southern hemisphere (spring 2011): La Niña returns. <i>Australian Meteorological Magazine</i> , 2013, 62, 179-192.	0.4	8
1280	Seasonal climate summary southern hemisphere (summer 2012-13): Australia's hottest summer on record and extreme east coast rainfall. <i>Australian Meteorological Magazine</i> , 2013, 63, 443-456.	0.4	4
1281	High-Frequency Variations in Pearl River Plume Observed by Soil Moisture Active Passive Sea Surface Salinity. <i>Remote Sensing</i> , 2020, 12, 563.	1.8	5
1282	Monthly Forecast of Indian Southwest Monsoon Rainfall Based on NCEP's Coupled Forecast System. <i>Atmospheric and Climate Sciences</i> , 2012, 02, 479-491.	0.1	10
1283	MJO Modulation of Station Rainfall in the Semiarid Seridó, Northeast Brazil. <i>Atmospheric and Climate Sciences</i> , 2015, 05, 408-417.	0.1	5
1284	Intraseasonal multi-scale moist dynamics of the tropical atmosphere. <i>Communications in Mathematical Sciences</i> , 2010, 8, 519-540.	0.5	20
1285	Nonlinear traveling waves for the skeleton of the Madden-Julian oscillation. <i>Communications in Mathematical Sciences</i> , 2016, 14, 571-592.	0.5	8
1286	Cloud phase characteristics over Southeast Asia from A-Train satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8267-8291.	1.9	11
1287	Adding value to extended-range forecasts in northern Europe by statistical post-processing using stratospheric observations. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8441-8451.	1.9	2
1291	Evolution of the 2006-2007 El Niño: the role of intraseasonal to interannual time scale dynamics. <i>Advances in Geosciences</i> , 0, 14, 219-230.	12.0	80
1292	Observational evidence of quasi-27-day oscillation propagating from the lower atmosphere to the mesosphere over 20° N. <i>Annales Geophysicae</i> , 2015, 33, 1321-1330.	0.6	15
1293	Overview of the Norwegian Earth System Model (NorESM2) and key climate response of CMIP6 DECK, historical, and scenario simulations. <i>Geoscientific Model Development</i> , 2020, 13, 6165-6200.	1.3	280
1294	Role of the Ocean Observing System in an End-to-End Seasonal Forecasting System. , 2010, , .		15
1295	Abrupt Intensification and Dissipation of Tropical Cyclones in Indian Ocean: A Case Study of Tropical Cyclone Nilofar - 2014. <i>Journal of Basic & Applied Sciences</i> , 0, 13, 566-576.	0.8	2
1296	Extended complex autoregressive model of low-frequency rainfalls over the lower reaches of Yangtze river valley for extended range forecast in 2013. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014, 63, 199202.	0.2	2
1297	An exploration of the connection between quasi-biennial oscillation and Madden-Julian oscillation. <i>Environmental Research Letters</i> , 2021, 16, 114021.	2.2	4

#	ARTICLE	IF	CITATIONS
1298	Enhanced Feedback between Shallow Convection and Low-Level Moisture Convergence Leads to Improved Simulation of MJO Eastward Propagation. <i>Journal of Climate</i> , 2022, 35, 591-615.	1.2	6
1299	Decadal changes of the intraseasonal oscillation during 1979–2016. <i>Advances in Climate Change Research</i> , 2021, 12, 772-782.	2.1	2
1300	The Role of Large-Scale Moistening by Adiabatic Lifting in the Madden–Julian Oscillation Convective Onset. <i>Journal of Climate</i> , 2022, 35, 269-284.	1.2	5
1301	A quasi-27-day oscillation activity from the troposphere to the mesosphere and lower thermosphere at low latitudes. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	6
1302	An oceanic pathway for Madden–Julian Oscillation influence on Maritime Continent Tropical Cyclones. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	5
1303	Global Responses of Gravity Waves and Zonal Mean Winds to the Madden–Julian Oscillation and the Latitudinal Dependence of Their Relations Using MERRA-2. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094717.	1.5	1
1304	A Secular Shift of the Madden–Julian Oscillation and Its Relation to Western Pacific Ocean Warming. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095400.	1.5	3
1305	Simultaneous Occurrence of Tropical Cyclones in the Northern Indian Ocean: Differential Response and Triggering Mechanisms. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
1306	Spatiotemporal forecasting in earth system science: Methods, uncertainties, predictability and future directions. <i>Earth-Science Reviews</i> , 2021, 222, 103828.	4.0	46
1308	Convective Activity and Moisture Variation During Field Experiment MISMO in the Equatorial Indian Ocean. <i>Journal of Disaster Research</i> , 2008, 3, 69-77.	0.4	2
1309	A filtering Laplace transform integration scheme for numerical weather prediction. <i>Bulletin of the Irish Mathematical Society</i> , 2010, 0066, 24-25.	0.1	2
1311	Vertical structure from recent observations. , 2012, , 537-548.		0
1312	The Role of Stochastic Forcing in Climate Models: The Case of Thermohaline Circulation. , 0, , .		0
1313	Vertical Vorticity Structure Associated with the Boreal Summer Intraseasonal Oscillation: Barotropic or Baroclinic?. <i>Atmosphere</i> , 2012, 22, 259-265.	0.3	0
1315	Seasonal climate summary southern hemisphere (autumn 2012): the transition from La Niña to neutral. <i>Australian Meteorological Magazine</i> , 2013, 63, 249-259.	0.4	3
1316	Characteristics of the Gross Moist Stability in the Tropics and Its Future Change. <i>Atmosphere</i> , 2014, 24, 141-150.	0.3	0
1320	Multiscale Multi-cloud Modeling and the Tropics. , 2015, , 992-1002.		0
1322	The relationship between upper-ocean variability and the Madden-Julian Oscillation in extended-range simulations. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
1323	Shallow Circulations: Relevance and Strategies for Satellite Observation. Space Sciences Series of ISSI, 2017, , 337-356.	0.0	1
1324	Balances in the Atmosphere and Ocean: Implications for Forecasting and Reliability. , 2019, , 37-58.		0
1325	The Deterministic Skeleton Model and Observed Features of the MJO. Mathematics of Planet Earth, 2019, , 5-27.	0.1	0
1327	Refined Vertical Structure in the Stochastic Skeleton Model for the MJO. Mathematics of Planet Earth, 2019, , 93-112.	0.1	0
1328	Implementation of the Multicloud Model in an Aquaplanet Global Climate Model. Mathematics of Planet Earth, 2019, , 163-181.	0.1	0
1329	An Overview of the El Niño, La Niña, and the Southern Oscillation Phenomena: Theory, Observations, and Modeling Links. , 2019, , 1-18.		0
1330	Convectively Coupled Equatorial Waves in the Multicloud Model. Mathematics of Planet Earth, 2019, , 117-132.	0.1	0
1331	Current and Future Research Perspectives. Mathematics of Planet Earth, 2019, , 113-120.	0.1	0
1332	A Stochastic Skeleton Model for the MJO. Mathematics of Planet Earth, 2019, , 29-48.	0.1	0
1333	Effects of Rotation on the Multiscale Organization of Convection in a Global 2D Cloud-Resolving Model. Journals of the Atmospheric Sciences, 2019, 76, 3669-3696.	0.6	1
1334	Impacts of Madden-Julian oscillation on tropical cyclone activity over the South China Sea: Observations versus HiRAM simulations. International Journal of Climatology, 2021, 41, 830-845.	1.5	4
1335	Modulation of Tropical Cyclone Genesis by Madden-Julian Oscillation in the Southern Hemisphere. Springer Transactions in Civil and Environmental Engineering, 2021, , 127-150.	0.3	0
1337	Scale Sensitivity of the Gill Circulation. Part I: Equatorial Case. Journals of the Atmospheric Sciences, 2022, 79, 3-17.	0.6	0
1338	Changes in the Eastward Movement Speed of the Madden-Julian Oscillation with Fluctuation in the Walker Circulation. Journal of Climate, 2022, 35, 211-225.	1.2	7
1339	Intraseasonal Variability of the North Equatorial Current Bifurcation Off the Philippines. Journal of Geophysical Research: Oceans, 2021, 126, .	1.0	3
1340	Assessing Predictive Potential Associated with the MJO during the Boreal Winter. Monthly Weather Review, 2020, 148, 4957-4969.	0.5	1
1341	On the low western Pacific sea levels observed prior to strong East Pacific El Niños. Ocean Science, 2021, 17, 1585-1604.	1.3	0
1342	Role of convection-circulation coupling in the propagation mechanism of the Madden-Julian Oscillation over the Maritime Continent in a climate model. Climate Dynamics, 0, , 1.	1.7	0

#	ARTICLE	IF	CITATIONS
1343	Seasonality in long-term trends of tropical intraseasonal wave activity. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, 1.	0.9	1
1344	Uncertainties in Kelvin Waves in ECMWF Analyses and Forecasts: Insights From Aeolus Observing System Experiments. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094716.	1.5	8
1345	Interannual variations of the influences of MJO on winter rainfall in southern China. <i>Environmental Research Letters</i> , 2020, 15, 114011.	2.2	5
1346	Factors Regulating the Multidecadal Changes in MJO Amplitude over the Twentieth Century. <i>Journal of Climate</i> , 2020, 33, 9513-9529.	1.2	7
1347	Identifying Subseasonal Variability Relevant to Atlantic Tropical Cyclone Activity. <i>Weather and Forecasting</i> , 2020, 35, 2001-2024.	0.5	4
1348	Boreal summer intraseasonal oscillation in a superparameterized general circulation model: effects of air-sea coupling and ocean mean state. <i>Geoscientific Model Development</i> , 2020, 13, 5191-5209.	1.3	2
1349	Influence of the North Pacific Victoria Mode on the Madden-Julian Oscillation. <i>Frontiers in Earth Science</i> , 0, 8, .	0.8	2
1351	Variability of the Oceans. , 2020, , 1-53.		2
1352	Teleconnections in the Atmosphere. , 2020, , 54-88.		2
1353	Atmosphere-Ocean Interactions. , 2020, , 89-119.		2
1354	Interacting Interannual Variability of the Pacific and Atlantic Oceans. , 2020, , 120-152.		2
1355	The Arctic Mediterranean. , 2020, , 186-215.		1
1356	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
1357	Basin Interactions and Predictability. , 2020, , 258-292.		3
1358	Climate Change and Impacts on Variability and Interactions. , 2020, , 293-337.		0
1360	Precipitation in Earth system models: advances and limitations. , 2022, , 637-659.		1
1361	Influence of the Madden-Julian Oscillation on Wintertime Extreme Snowfall and Precipitation in Japan. <i>Journal of the Meteorological Society of Japan</i> , 2022, , .	0.7	0
1362	Relationship between sea surface temperature anomalies in the Southwestern Atlantic Continental Shelf and atmospheric variability on intraseasonal timescales. <i>Climate Dynamics</i> , 0, , 1.	1.7	0

#	ARTICLE	IF	CITATIONS
1363	Evolution of operational extended range forecast system of IMD : Prospects of its applications in different sectors. Mausam, 2021, 70, 233-264.	0.1	16
1364	Influence of QBO-MJO connection on the turbulence variation in the TTL observed with equatorial atmosphere radar. IOP Conference Series: Earth and Environmental Science, 2021, 893, 012004.	0.2	0
1365	MJO propagation over the Indian Ocean and Western Pacific in CMIP5 Models: Roles of Background States. Journal of Climate, 2021, , 1-46.	1.2	1
1366	Preliminary assessment for sub-seasonal to seasonal precipitation model on four specific conditions over western Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 893, 012045.	0.2	0
1367	Influence of the Madden-Julian Oscillation on the Arctic Oscillation Prediction in S2S Operational Models. Frontiers in Earth Science, 2021, 9, .	0.8	1
1368	A Unified Moisture Mode Theory for the Madden-Julian Oscillation and the Boreal Summer Intraseasonal Oscillation. Journal of Climate, 2022, 35, 1267-1291.	1.2	14
1369	Impacts of the MJO on Rainfall at Different Seasons in Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 893, 012070.	0.2	1
1370	Oceanic impacts on 50-80-day intraseasonal oscillation in the eastern tropical Indian Ocean. Climate Dynamics, 0, , 1.	1.7	0
1371	TROPOMI tropospheric ozone column data: geophysical assessment and comparison to ozonesondes, GOME-2B and OMI. Atmospheric Measurement Techniques, 2021, 14, 7405-7433.	1.2	14
1372	Progress in understanding of Indian Ocean circulation, variability, air-sea exchange, and impacts on biogeochemistry. Ocean Science, 2021, 17, 1677-1751.	1.3	43
1374	Assessing the Representation of Intraseasonal Oscillation-Related Ocean Forcing in the Tropics in Atmospheric Reanalyses. Journal of the Meteorological Society of Japan, 2022, , .	0.7	0
1375	Ensemble Kalman filter based data assimilation for tropical waves in the MJO skeleton model. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1035-1056.	1.0	3
1376	Response of convective systems to the orbital forcing of the last interglacial in a global nonhydrostatic atmospheric model with and without a convective parameterization. Climate Dynamics, 2022, 59, 1617-1648.	1.7	3
1377	Spatial Patterns of the Tropical Meridional Circulation: Drivers and Teleconnections. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	4
1378	Testing Vertical Wind Shear and Nonlinear MJO-ENSO Interactions as Predictors for Subseasonal Atlantic Tropical Cyclone Forecasts. Weather and Forecasting, 2022, 37, 267-281.	0.5	2
1379	Sensitivity experiments on the role of moisture in the eastward propagation of MJO. Climate Dynamics, 2022, 59, 263-280.	1.7	2
1380	Barotropic energy conversion during Indian summer monsoon: implication of Central Indian Ocean Mode Simulation in CMIP6. Climate Dynamics, 2022, 58, 3187-3206.	1.7	4
1381	Quasi-biennial oscillation impacts on Madden-Julian oscillation-associated tropical-extratropical interactions and Kelvin waves. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 907-919.	1.0	1

#	ARTICLE	IF	CITATIONS
1382	Advances and challenges in climate modeling. <i>Climatic Change</i> , 2022, 170, 1.	1.7	26
1383	The pacific decadal precession and its relationship to tropical pacific decadal variability in CMIP6 models. <i>Climate Dynamics</i> , 0, , 1.	1.7	0
1384	Rapid restratification of the ocean surface boundary layer during the suppressed phase of the MJO in austral spring. <i>Environmental Research Letters</i> , 2022, 17, 024031.	2.2	0
1385	A Multivariate Index for Tropical Intraseasonal Oscillations Based on the Seasonally Varying Modal Structures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
1386	å–æµ-ååž éžžçˆ†åå'Ææ' é€çš,,åšæ—¶é—'å°°å°° å~åÆ—åšå...¶æœ°å~¶ç”ç©¶è¿›å±•. <i>SCIENTIA SINICA Terrae</i> , 2022,0.1		0
1387	Characterising the seasonal nature of meteorological drought onset and termination across Australia. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2022, 72, 38-51.	0.7	1
1388	Data-driven stochastic model for cross-interacting processes with different time scales. <i>Chaos</i> , 2022, 32, 023111.	1.0	3
1389	Large-Scale Environments of Successive Atmospheric River Events Leading to Compound Precipitation Extremes in California. <i>Journal of Climate</i> , 2022, 35, 1515-1536.	1.2	6
1390	Influences of MJO on the Diurnal Variation and Associated Offshore Propagation of Rainfall near Western Coast of Sumatra. <i>Atmosphere</i> , 2022, 13, 330.	1.0	8
1391	Climate Variability. Part I: Intraseasonal Oscillation. , 2022, , 6-41.		0
1392	Evaluation of the Madden-Julian oscillation in HiRAM. <i>Atmospheric and Oceanic Science Letters</i> , 2022, , 100194.	0.5	0
1393	Convective Response in a Cloud-permitting Simulation of the MJO: Time Scales and Processes. <i>Journals of the Atmospheric Sciences</i> , 2022, , .	0.6	0
1394	Sensitivity of Linear Models of the Madden-Julian oscillation to Convective Representation. <i>Journals of the Atmospheric Sciences</i> , 2022, , .	0.6	4
1395	The dynamical-statistical subseasonal prediction of precipitation over China based on the BCC new-generation coupled model. <i>Climate Dynamics</i> , 2022, 59, 1213-1232.	1.7	12
1396	Maintenance of the Basin-dependent Quasi-biweekly Mode in the Indian Ocean during Summer. <i>Journal of Climate</i> , 2022, , 1-37.	1.2	0
1397	Tropical Thermodynamic Convection Coupling in Observations and Reanalyses. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 1781-1803.	0.6	2
1398	A multiscale model for El Niño complexity. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	19
1399	Topographic Influences on Diurnally Driven MJO Rainfall Over the Maritime Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	6

#	ARTICLE	IF	CITATIONS
1400	Westwardâ€Propagating Moisture Mode Over the Tropical Western Hemisphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
1401	The Influence of Intraseasonal Oscillations on Humid Heat in the Persian Gulf and South Asia. <i>Journal of Climate</i> , 2022, 35, 4309-4329.	1.2	3
1402	Parametrizing the mesoscale enhancement of oceanic surface turbulent fluxes: A physicalâ€statistical approach. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1683-1708.	1.0	1
1403	The 2021 Western North American Heatwave and Its Subseasonal Predictions. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	36
1404	Maintenance of Cyclonic Vortex During Monsoon Intraseasonal Oscillation: A View From Kinetic Energy Budget. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
1405	Do subseasonal forecasts take advantage of <scp>Maddenâ€Julian oscillation</scp> windows of opportunity?. <i>Atmospheric Science Letters</i> , 2022, 23, .	0.8	1
1406	Evaluating the Eastward Propagation of the MJO in CMIP5 and CMIP6 Models Based on a Variety of Diagnostics. <i>Journal of Climate</i> , 2022, 35, 1719-1743.	1.2	5
1407	Recent enhancement and prolonged occurrence of MJO over the Indian Ocean and their impact on Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2022, 59, 2585-2598.	1.7	2
1408	Modulation of East African Boreal Fall Rainfall: Combined Effects of the Maddenâ€Julian Oscillation (MJO) and El NiÃ±oâ€Southern Oscillation (ENSO). <i>Journal of Climate</i> , 2022, 35, 2019-2034.	1.2	6
1409	Potential Predictability of Southwest U.S. Rainfall: Role of Tropical and High-Latitude Variability. <i>Journal of Climate</i> , 2022, 35, 1697-1717.	1.2	2
1410	MJO Phase Swings Modulate the Recurring Latitudinal Shifts of the 2020 Extreme Summerâ€Monsoon Rainfall Around Yangtse. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	7
1411	A Review of the Role of the Oceanic Rossby Waves in Climate Variability. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 493.	1.2	4
1412	The Impact of Mean-State Moisture Biases on MJO Skill in the Navy ESPC. <i>Monthly Weather Review</i> , 2022, 150, 1725-1745.	0.5	1
1413	Modulation of the Intraseasonal Chlorophyllâ€a Concentration in the Tropical Indian Ocean by the Central Indian Ocean Mode. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
1415	Rapid northward progress of monsoon over India and associated heavy rainfall over Uttarakhand: A diagnostic study and real time extended range forecast. <i>Mausam</i> , 2021, 66, 551-568.	0.1	9
1416	Simulating the influence of Madden Julian oscillation on the MAMJ intra-seasonal variations over West Africa. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, 1.	0.9	0
1417	Assimilating C-Band Radar Data for High-Resolution Simulations of Precipitation: Case Studies over Western Sumatra. <i>Remote Sensing</i> , 2022, 14, 42.	1.8	4
1419	Multi-scale climate variations and mechanisms of the onset and withdrawal of the South China Sea summer monsoon. <i>Science China Earth Sciences</i> , 2022, 65, 1030-1046.	2.3	17

#	ARTICLE	IF	CITATIONS
1420	The Characteristics and Variability of Intraseasonal Coastal Kelvin Waves in the Bay of Bengal under Hindcast Conditions and the RCP8.5 Scenario. <i>Journal of Physical Oceanography</i> , 2022, 52, 1497-1507.	0.7	3
1421	How Does Sea Surface Temperature Drive the Intertropical Convergence Zone in the Southern Indian Ocean?. <i>Journal of Climate</i> , 2022, 35, 5415-5432.	1.2	1
1422	Using Simple, Explainable Neural Networks to Predict the Madden-Julian Oscillation. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	5
1423	A Spectrum of Convective Self-Aggregation Based on Background Rotation. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	5
1424	Western Pacific Premoistening for Eastward-Propagating BSISO and Its ENSO Modulation. <i>Journal of Climate</i> , 2022, 35, 4979-4996.	1.2	7
1425	The Diurnal Path to Persistent Convective Self-Aggregation. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	8
1426	QBO Wind Influence on MJO-Induced Temperature Anomalies in the Upper Troposphere and Lower Stratosphere in an Idealized Model. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 2219-2228.	0.6	7
1427	Reduction of Equatorial Obduction by Atmospheric Intraseasonal Oscillations in the Western and Central Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	0
1428	Madden-Julian oscillation influences United States springtime tornado and hail frequency. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	4
1429	Mechanism of MJO-Modulated Triggering on the Rainy Season Onset over the Indian Subcontinent. <i>Monthly Weather Review</i> , 2022, 150, 1937-1951.	0.5	2
1430	Transition of Large-scale Environmental Conditions and Characteristics of Four Rainfall Types observed by S-PolKa during the MJO's Active Phase of DYNAMO/CINDY/AMIE. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	0
1431	Periodicities in fair weather potential gradient data from multiple stations at different latitudes. <i>Atmospheric Research</i> , 2022, 276, 106250.	1.8	6
1432	Evaluation of diverse-based precipitation data over the Amazon Region. <i>Theoretical and Applied Climatology</i> , 2022, 149, 1167-1193.	1.3	4
1433	Pathways to Better Prediction of the MJO: 1. Effects of Model Resolution and Moist Physics on Atmospheric Boundary Layer and Precipitation. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	4
1434	Multidecadal Changes in Zonal Displacement of Tropical Pacific MJO Variability Modulated by North Atlantic SST. <i>Journal of Climate</i> , 2022, 35, 5951-5966.	1.2	1
1435	The Madden-Julian Oscillation. <i>Atmosphere - Ocean</i> , 2022, 60, 338-359.	0.6	7
1436	The Roles of Westward-Propagating Waves and the QBO in Limiting MJO Propagation. <i>Journal of Climate</i> , 2022, 35, 6031-6049.	1.2	5
1437	Pathways to Better Prediction of the MJO: 2. Impacts of Atmosphere-Ocean Coupling on the Upper Ocean and MJO Propagation. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	4

#	ARTICLE	IF	CITATIONS
1438	Observations of a Strong Intraseasonal Oscillation in the MLT Region During the 2015/2016 Winter Over Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
1439	Extraordinary quasi-16-day wave activity from October 2013 to January 2014 with radar observations at mid-latitudes and MERRA2 reanalysis data. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	1
1440	An extended last glacial maximum in the Southern Hemisphere: A contribution to the SHeMax project. <i>Earth-Science Reviews</i> , 2022, 231, 104090.	4.0	9
1441	Amplifying Meteorological Droughts Across Middle- and Low-Latitude Northern Hemisphere. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	2
1442	Longitudinal oscillation mode of the tropical easterly jet in June: role of precipitation anomalies in Asian monsoon region. <i>Climate Dynamics</i> , 0, , .	1.7	0
1443	Probabilistic Evaluation of the Multicategory Seasonal Precipitation Re-Forecast. <i>Meteorology</i> , 2022, 1, 231-253.	0.6	1
1444	Analysis of the 10-20-Day Intraseasonal Oscillation in the Indian Ocean Using Surface Winds. <i>Remote Sensing</i> , 2022, 14, 3419.	1.8	0
1445	Moisture Modes of Tropical Intraseasonal Oscillationsâ€”High Order and Antiâ€”Symmetric Solutions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	1
1446	Nonâ€”Linear Dimensionality Reduction With a Variational Encoder Decoder to Understand Convective Processes in Climate Models. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	4
1447	Improving Maddenâ€”Julian oscillation simulation in atmospheric general circulation models by coupling with a one-dimensional snowâ€”iceâ€”thermocline ocean model. <i>Geoscientific Model Development</i> , 2022, 15, 5529-5546.	1.3	1
1448	Diversity of MJO initiation regions and processes. <i>Journal of Climate</i> , 2022, , 1-44.	1.2	0
1449	Climatic and edaphicâ€”based predictors of normalized difference vegetation index in tropical dry landscapes: A pantropical analysis. <i>Global Ecology and Biogeography</i> , 0, , .	2.7	2
1450	This Looks Like That There: Interpretable Neural Networks for Image Tasks When Location Matters. , 2022, 1, .		2
1451	Time-dependent intrinsic cross-correlation approach for multi-scale teleconnection analysis for monthly rainfall of India. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, .	0.9	3
1452	Embedding a one-column ocean model in the Community Atmosphere Model 5.3 to improve Maddenâ€”Julian Oscillation simulation in boreal winter. <i>Geoscientific Model Development</i> , 2022, 15, 5689-5712.	1.3	0
1453	Relationships Between the Eastward Propagation of the Maddenâ€”Julian Oscillation and Its Circulation Structure. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	1
1454	A Rotation Procedure to Improve Seasonally Varying Empirical Orthogonal Function Bases for MJO Indices. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
1455	Impacts of ocean-atmosphere teleconnection patterns on the south-central United States. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	4

#	ARTICLE	IF	CITATIONS
1456	Kelvin and Rossby Wave Contributions to the Mechanisms of the Madden-Julian Oscillation. <i>Geosciences (Switzerland)</i> , 2022, 12, 314.	1.0	1
1457	Neural-network learning of SPOD latent dynamics. <i>Journal of Computational Physics</i> , 2022, 468, 111475.	1.9	9
1458	Variation of the Wind Profiles in the Tropical Tropopause Layer Associated with QBO-MJO Connection: An Equatorial Atmosphere Radar Observation. <i>Springer Proceedings in Physics</i> , 2022, , 695-704.	0.1	0
1459	Convectively Coupled Equatorial Waves (CCEWs) Triggering Torrential Rainfall Events Over Sumatra, Indonesia. <i>Springer Proceedings in Physics</i> , 2022, , 61-82.	0.1	0
1460	The day-to-day variability in the mesosphere and lower thermosphere in low latitudes: A study using MF radar. <i>Advances in Space Research</i> , 2022, , .	1.2	0
1462	Projected future changes in equatorial wave spectrum in CMIP6. <i>Climate Dynamics</i> , 2023, 60, 3277-3289.	1.7	3
1463	The Maritime Continent Barrier Effect on the MJO Teleconnections during the Boreal Winter Seasons in the Northern Hemisphere. <i>Journal of Climate</i> , 2023, 36, 171-192.	1.2	1
1464	Stratospheric Modulation of the MJO through Cirrus Cloud Feedbacks. <i>Journals of the Atmospheric Sciences</i> , 2023, 80, 273-299.	0.6	5
1465	A prognostic-stochastic and scale-adaptive cumulus convection closure for improved tropical variability and convective gray-zone representation in NOAA's Unified Forecast System (UFS).. <i>Monthly Weather Review</i> , 2022, , .	0.5	0
1466	The Combined Influence of the Madden-Julian Oscillation and El Niño-Southern Oscillation on Australian Rainfall. <i>Journal of Climate</i> , 2023, 36, 313-334.	1.2	9
1467	Characteristic Form and Distance in High-Level Hierarchical Structure of Self-Aggregated Clouds in Radiative-Convective Equilibrium. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
1468	Interconnection between the Indian and the East Asian summer monsoon: Spatial synchronization patterns of extreme rainfall events. <i>International Journal of Climatology</i> , 2023, 43, 1034-1049.	1.5	7
1469	Extreme air-sea turbulent fluxes during tropical cyclone Barijat observed by a newly designed drifting buoy. <i>Fundamental Research</i> , 2022, , .	1.6	1
1470	On the genesis and dynamics of Madden-Julian oscillation-like structure formed by equatorial adjustment of localized heating. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 3788-3813.	1.0	4
1471	Signatures of midsummer droughts over Central America and Mexico. <i>Climate Dynamics</i> , 0, , .	1.7	3
1472	Potential applications for climate services originated from the CLIMAX project. <i>Frontiers in Climate</i> , 0, 4, .	1.3	0
1473	Impact of Quasi-Biweekly Oscillation on Southeast Asian Cold Surge Rainfall Monitored by TRMM Satellite Observation. <i>Remote Sensing</i> , 2022, 14, 5200.	1.8	2
1474	Intraseasonal Variability of Surface Circulation in the Indo-Pacific Warm Pool Induced by Summer Monsoon Intraseasonal Oscillations. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	1

#	ARTICLE	IF	CITATIONS
1475	Probabilistic subseasonal precipitation forecasts using preceding atmospheric intraseasonal signals in a Bayesian perspective. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 4975-4994.	1.9	3
1476	Compound Heat Wave, Drought, and Dust Events in California. <i>Journal of Climate</i> , 2022, 35, 8133-8152.	1.2	3
1477	The atmospheric hinder for intraseasonal sea-air interaction over the Bay of Bengal during Indian summer monsoon in CMIP6. <i>Acta Oceanologica Sinica</i> , 2022, 41, 119-130.	0.4	1
1478	The stratosphere: a review of the dynamics and variability. <i>Weather and Climate Dynamics</i> , 2022, 3, 1237-1272.	1.2	7
1479	Excitation of the Madden-Julian Oscillation in Response to Transient Ocean Warming in SPCAM. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0
1480	Synoptic-scale atmospheric cyclones in the South-East Tropical Indian Ocean (SETIO) and their relation to IOD variability. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2022, 72, 191-201.	0.7	0
1481	Ocean Acidification and Sea Warming-Toward a Better Comprehension of Its Consequences. , 2023, , 111-205.		1
1482	The Influence of the Madden-Julian Oscillation on the Wet Season Rainfall over Saudi Arabia. <i>Earth Systems and Environment</i> , 2023, 7, 1-14.	3.0	1
1483	Fidelity of the latest high-resolution CORDEX-CORE regional climate model simulations in the representation of the Indian summer monsoon precipitation characteristics. <i>Climate Dynamics</i> , 0, , .	1.7	3
1484	The effect of the Madden-Julian Oscillation on the global electric circuit. <i>Atmospheric Research</i> , 2023, 284, 106585.	1.8	1
1485	A CEOF-based method for measuring amplitude and phase properties of the QBO. <i>Climate Dynamics</i> , 0, , .	1.7	1
1486	Linkages between Madden-Julian oscillation and drought events over Kenya. <i>Meteorology and Atmospheric Physics</i> , 2023, 135, .	0.9	2
1487	Climate Impacts on Crop Productions. , 2023, , 1-12.		0
1488	What potential for improving subseasonal predictions of the winter <sc>NAO</sc>?. <i>Atmospheric Science Letters</i> , 2023, 24, .	0.8	2
1489	Convective momentum transport and multiscale organization in simulated shear parallel mesoscale convective systems. <i>Climate Dynamics</i> , 0, , .	1.7	0
1490	Diverse controlling mechanisms and teleconnections of three distinctive MJO types. <i>Climate Dynamics</i> , 0, , .	1.7	0
1491	Climatological diagnostics and subseasonal-to-seasonal predictions of Madden-Julian Oscillation events. <i>International Journal of Climatology</i> , 2023, 43, 2449-2464.	1.5	1
1492	The onset process of the 2018/2019 Indonesian-Australian summer monsoon: The importance of the air-sea interaction. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0

#	ARTICLE	IF	CITATIONS
1494	Influence of Madden-Julian Oscillation on Precipitation over the Tibetan Plateau in Boreal Summer. <i>Atmosphere</i> , 2023, 14, 70.	1.0	1
1495	Evaluation of Dynamical Seasonal Prediction Skills for Tropical Cyclone Activity over the South China Sea in FGOALS-f2. <i>Atmosphere</i> , 2023, 14, 85.	1.0	0
1496	Titre de la thèse: PrÃ©visibilitÃ© des fortes prÃ©cipitations aux Ã©chÃ©ances infra-saisonnÃ©res sur le Pacifique Sud-Ouest tropical. <i>Climatologie</i> , 2022, 19, 2.	0.2	0
1497	Can southern Australian rainfall decline be explained? A review of possible drivers. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2023, 14, .	3.6	10
1498	Climate processes and drivers in the Pacific and global warming: a review for informing Pacific planning agencies. <i>Climatic Change</i> , 2023, 176, .	1.7	2
1499	Improved MJO Forecasts Using the Experimental Globalâ€Nested GFDL SHIELD Model. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
1500	Recent Warming Trends in the Arabian Sea: Causative Factors and Physical Mechanisms. <i>Climate</i> , 2023, 11, 35.	1.2	8
1501	Projected Changes in the Seasonal Cycle of Madden-Julian Oscillation Precipitation and Wind Amplitude. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	2
1502	The role of tropical waves in the genesis of Tropical Cyclone Seroja in the Maritime Continent. <i>Nature Communications</i> , 2023, 14, .	5.8	5
1503	Contrasting the energy recharge-discharge cycle between propagating and eastward-decaying Madden-Julian Oscillation events. <i>Climate Dynamics</i> , 0, , .	1.7	0
1504	Atmospheric Instability and Its Associated Oscillations in the Tropics. <i>Atmosphere</i> , 2023, 14, 433.	1.0	3
1505	Development of a Statistical Subseasonal Forecast Tool to Predict California Atmospheric Rivers and Precipitation Based on MJO and QBO Activity. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
1506	Taking advantage of quasi-periodic signals for S2S operational forecast from a perspective of deep learning. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
1507	Intraseasonal descriptors and extremes in South African rainfall. Part <sc>II</sc>: Summer teleconnections across multiple timescales. <i>International Journal of Climatology</i> , 2023, 43, 3799-3827.	1.5	1
1508	Emergence of Madden-Julian oscillation precipitation and wind amplitude changes in a warming climate. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	2.6	1
1509	Wavenumber-Frequency Spectra of Normal Mode Function Decomposed Atmospheric Data: Departures from the Dry Linear Theory. <i>Atmosphere</i> , 2023, 14, 622.	1.0	0
1510	Multi-Model Subseasonal Prediction Skill Assessment of Water Vapor Transport Associated With Atmospheric Rivers Over the Western U.S.. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
1511	Link Between Equatorial Wind Anomalies and Intraseasonal Eddies in the Northeastern Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	0

#	ARTICLE	IF	CITATIONS
1512	Role of Stratospheric Processes in Climate Change: Advances and Challenges. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 1379-1400.	1.9	7
1513	Characteristics of diurnal condensational heating at the Western Maritime Continent during MJO eastward propagation. <i>Climate Dynamics</i> , 0, , .	1.7	0
1515	Traveling Planetary-scale Waves Cause Cloud Variability on Tidally Locked Aquaplanets. <i>Planetary Science Journal</i> , 2023, 4, 68.	1.5	2
1519	The Intraseasonal Variations. <i>Springer Atmospheric Sciences</i> , 2023, , 137-155.	0.4	0
1533	Extreme Rainfall Clusters in Borneo and Their Synoptic Climate Causes. <i>Springer Proceedings in Physics</i> , 2023, , 407-415.	0.1	0
1534	Seamless Prediction in China: A Review. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 1501-1520.	1.9	1
1553	Climate Impacts on Crop Productions. , 2023, , 123-134.		0