

Guosen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

690
citations

759233

12
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Excitation Mechanisms of the Teleconnection Patterns Affecting the July Precipitation in Northwest China. <i>Journal of Climate</i> , 2012, 25, 7834-7851.	3.2	156
2	A trio-interaction theory for Madden-Julian oscillation. <i>Geoscience Letters</i> , 2016, 3, .	3.3	81
3	Diversity of the Madden-Julian Oscillation. <i>Science Advances</i> , 2019, 5, eaax0220.	10.3	81
4	A general theoretical framework for understanding essential dynamics of Madden-Julian oscillation. <i>Climate Dynamics</i> , 2017, 49, 2309-2328.	3.8	61
5	Intraseasonal variability of global land monsoon precipitation and its recent trend. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.8	44
6	Baroclinic Instability of the Silk Road Pattern Induced by Thermal Damping. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2875-2893.	1.7	41
7	Exceptionally Persistent Madden-Julian Oscillation Activity Contributes to the Extreme 2020 East Asian Summer Monsoon Rainfall. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091588.	4.0	38
8	Circulation Factors Determining the Propagation Speed of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2020, 33, 3367-3380.	3.2	31
9	Effects of Enhanced Front Walker Cell on the Eastward Propagation of the MJO. <i>Journal of Climate</i> , 2018, 31, 7719-7738.	3.2	27
10	Does the MJO Have a Westward Group Velocity?. <i>Journal of Climate</i> , 2018, 31, 2435-2443.	3.2	17
11	Dynamic moisture mode versus moisture mode in MJO dynamics: importance of the wave feedback and boundary layer convergence feedback. <i>Climate Dynamics</i> , 2019, 52, 5127-5143.	3.8	16
12	Intraseasonal Variations of the British-Baikal Corridor Pattern. <i>Journal of Climate</i> , 2020, 33, 2183-2200.	3.2	16
13	Diversity of the Boreal Summer Intraseasonal Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034137.	3.3	14
14	Change in surface latent heat flux and its association with tropical cyclone genesis in the western North Pacific. <i>Theoretical and Applied Climatology</i> , 2015, 119, 221-227.	2.8	12
15	Diversity of the Global Teleconnections Associated with the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2021, 34, 397-414.	3.2	12
16	Influences of central Pacific warming on synoptic-scale wave intensity over the northwest Pacific. <i>Climate Dynamics</i> , 2022, 58, 555-567.	3.8	10
17	Diversity of intraseasonal oscillation over the western North Pacific. <i>Climate Dynamics</i> , 2021, 57, 1881-1893.	3.8	9
18	Reexamination of the Wave Activity Envelope Convective Scheme in Theoretical Modeling of MJO. <i>Journal of Climate</i> , 2017, 30, 1127-1138.	3.2	8

#	ARTICLE	IF	CITATIONS
19	Western Pacific Premoistening for Eastward-Propagating BSISO and Its ENSO Modulation. Journal of Climate, 2022, 35, 4979-4996.	3.2	7
20	A Model of the Convectively Coupled Equatorial Rossby Wave over the Indo-Pacific Warm Pool. Journals of the Atmospheric Sciences, 2022, 79, 2267-2283.	1.7	4
21	The Amplification of Madden-Julian Oscillation Boosted by Temperature Feedback. Journals of the Atmospheric Sciences, 2022, 79, 51-72.	1.7	3