



基本信息

个人简介

近期主要论著

近期科研项目

近期主要论著:

*号代表通讯作者, 加粗代表本人

2019:

Chen G*, Wang B (2019) What determines propagation speed of the Madden-Julian Oscillation? J Climate: submitted.

Wang, B., G. Chen*, and F. Liu, 2019: Diversity of the Madden-Julian Oscillation. Science Advances, 5, eaax0220.

[Wang_etal_2019_SA.pdf](#)

2018:

Chen G*, Wang B (2018c) Dynamic moisture mode versus moisture mode in MJO dynamics: importance of the wave feedback and boundary layer convergence feedback. Clim Dyn. Doi:10.1007/s00382-018-4433-7

[Chen_and_Wang-2018c.pdf](#)

Chen G*, Wang B (2018b) Effects of Enhanced Front Walker Cell on the Eastward Propagation of the MJO. J Climate 31:7719-7738 doi:10.1175/jcli-d-17-0383.1

[Chen_and_Wang_2018b.pdf](#)

Chen G*, Wang B (2018a) Does the MJO Have a Westward Group Velocity? J Climate 31:2435-2443 doi:10.1175/jcli-d-17-0446.1

[Chen_and_Wang_2018a.pdf](#)

2017:

Chen G*, Wang B (2017) Reexamination of the Wave Activity Envelope Convective Scheme in Theoretical Modeling of MJO. J Climate 30:1127-1138 doi:10.1175/jcli-d-16-0325.1

[Chen_and_Wang_2017.pdf](#)

Wang B*, Chen G (2017) A general theoretical framework for understanding essential dynamics of Madden-Julian oscillation. Clim Dyn:1-20 doi:10.1007/s00382-016-3448-1

[Wang_and_Chen_2017.pdf](#)

2016:

Wang B*, Liu F, Chen G (2016) A trio-interaction theory for Madden-Julian oscillation. Geoscience Letters 3:34 doi:10.1186/s40562-016-0066-z

[A trio-interaction theory for Madden-Julian oscillation.pdf](#)

2015:

Zhou L-T*, Chen G, Wu R (2015) Change in surface latent heat flux and its association with tropical cyclone genesis in the western North Pacific. Theoretical and Applied Climatology 119:221-227

2013:

Chen G*, Huang R, Zhou L (2013) Baroclinic Instability of the Silk Road Pattern Induced by Thermal Damping. J Atmos Sci 70:2875-2893 doi:10.1175/jas-d-12-0326.1

 [Chen_etal_2013.pdf](#)

2012:

Chen G*, Huang R (2012) Excitation Mechanisms of the Teleconnection Patterns Affecting the July Precipitation in Northwest China. *J Climate* 25:7834-7851 doi:10.1175/JCLI-D-11-00684.1

 [Chen_and_Huang_2012.pdf](#)

Chen, G*, L. Wang and W. Chen, 2012: On the Establishment and Development of the Atmospheric Rossby Wave Theory. *Advances in Meteorological Science and Technology (in Chinese)*, 2(6): 50-54.

信息由教师本人提供, 更新时间: 2019/9/9 20:34:26

[返回教师名录首页](#)