

目 录

1. Extremely active tropical cyclone activities over the western North Pacific and South China Sea in summer 2018: Joint effects of decaying La Niña and intraseasonal oscillation	Chen L J, Z S Gong, J Wu and W J Li (1)
2. Why is the East Asian summer monsoon extremely strong in 2018? —Collaborative effects of SST and snow cover anomalies	Chen L J, Gu W, Li W J (19)
3. 影响 2018 年汛期气候的先兆信号及预测效果评估	陈丽娟 顾 薇 龚振淞 等 (35)
4. 汛期我国主要雨季进程成因及预测应用进展	陈丽娟 赵俊虎 顾 薇 梁 萍 彭京备 等 (47)
5. 基于最大熵模型的中国血吸虫病传播风险评估	段居琦 周 骥 黄大鹏 刘绿柳 (63)
6. 基于 NCEP-GEFS 回算资料的我国极端温度变化特征研究	高 丽 任宏利 郑嘉雯 等 (69)
7. 2018 年夏季海洋大气特征及对我国气候的影响	顾 薇 陈丽娟 (79)
8. The spatiotemporal pattern of rainy-season precipitation in the Haihe River basin, North China	Guo Jun, Guoyu Ren, Mingming Xiong, He Huang (88)
9. Diagnosing the spatiotemporal diversity of westerly wind events in the tropical Pacific	Hao Xiaozhen, Hongli Ren, Wenjun Zhang, et al (107)
10. Parameter modulation of Madden-Julian Oscillation behaviors in BCC_CSM1.2: The key Role of moisture-shallow convection feedback	Huang Kai, Ren Hongli, Liu Xiangwen, et al (121)
11. Urban Heat Island Effect and Its Contribution to Observed Temperature Increase at Wuhan Station, Central China	Jia Wenqian, Ren Guoyu, Suonan Kanzhuo, Zhang Panfeng, et al (147)
12. Diurnal and intra-season variation of warm-season temperature in coastal zone of Qinghai Lake	Li Hongmei, Guoyu Ren, Wanzhi Li, et al (159)
13. Development of land surface model BCC_AVIM2.0 and its preliminary performance in LS3MIP/CMIP6	Weiping Li, Yanwu Zhang, Xueli Shi, et al (174)
14. More extreme marine heatwaves in the China Seas during the global warming hiatus	Li Yan, Guoyu Ren, Qingyuan Wang, et al (193)
15. 中国地气温差时空分布及变化趋势	廖要明 陈德亮 刘秋锋 (203)
16. 凤县花椒生产气候条件和灾害分析	廖要明 杨文平 (214)
17. Diagnosing the leading mode of interdecadal covariability between the Indian Ocean sea surface temperature and summer precipitation in southern China	Liu Jingpeng, Ren Hongli, Li Weijing, Jinqing Zuo (221)
18. The Major Interannual Modes of Late-Summer Precipitation over the Northern China Monsoon Region	Liu Yang, Junhu Zhao, Po Hu, Shulin Qu, Guolin Feng (233)
19. A significant bias of T_{\max} and T_{\min} average temperature and its trend	Liu Yulian, Guoyu Ren, Engyuan Kang, et al (245)
20. 2019 年春季我国主要气候异常特征及可能成因分析	刘芸芸 陈丽娟 (257)
21. Impact of El Niño and Southern Oscillation on the summer precipitation over Northwest China	Lu B, Li H Y, Wu J, et al (268)

22. ENSO Features, Dynamics, and Teleconnections to East Asian Climate as Simulated in CAMS-CSM	Lu B, Ren H L	(276)
23. Stratospheric initial conditions provide seasonal predictability of the North Atlantic and Arctic Oscillations	Yu Nie, Adam Scaife, Ren Hongli, et al	(296)
24. The role of extratropical air-sea interaction in the autumn subseasonal variability of the North Atlantic Oscillation	Nie Yu, Hongli Ren, Yang Zhang	(303)
25. Seasonal predictability of winter ENSO types in operational dynamical model predictions	Ren Hongli, Adam A. Scaife, Nick Dunstone, et al	(319)
26. The China multi-model ensemble prediction system and its application to flood-season prediction in 2018	Ren Hongli, Yujie Wu, Qing Bao, Jiehua Ma, et al	(341)
27. Statistical predictability of Niño indices for two types of ENSO	Ren Hongli, Jinqing Zuo, Yi Deng	(354)
28. 动力和统计预测信息融合预测方法及我国夏季降水预测的检测	孙丞虎 崔童 李维京 等	(376)
29. Contribution of global warming and urbanization to changes in temperature extremes in Eastern China	Sun Ying, Hu Ting, Zhang Xuebin, Li Chao, et al	(386)
30. Diagnosing the representation and causes of the ENSO persistence barrier in CMIP5 simulations	Tian Ben, Hongli Ren, Feifei Jin, Malte F. Stuecker	(395)
31. Urbanization Effect in Regional Temperature Series Based on a Remote Sensing Classification Scheme of Stations	Tysa S K, Ren G Y, Qin Y, et al	(409)
32. Changes in means and extreme events of sea surface temperature in the East China Seas based on satellite data from 1982 to 2017	Qingyuan Wang, Yan Li, Qingquan Li, et al	(425)
33. Partition of Season Based on Multi-elements and the Decadal Change of Season Duration in China	Zheng Wang, Rong Zhi, Yu Wang and Guolin Feng	(436)
34. Conditional nonlinear optimal perturbations of moisture triggering primary MJO initiation	Wei Yuntao, Mu Mu, Hongli Ren	(450)
35. Modulation of ENSO on fast and slow MJO modes during boreal winter	Wei Yuntao, Hongli Ren	(460)
36. Recent surface air temperature change over mainland China based on an urbanization-bias adjusted dataset	Wen Kangmin, Ren Guoyu, Li Jiao, et al	(484)
37. BCC_CSM1.1 气候模式年代际试验对北极涛动季节回报能力的初步评估	伍丽泉 李清泉 丁一汇 等	(499)
38. Decadal prediction skill of BCC-CSM1.1 with different initialization strategies	Xin Xiaoge, Wei Min, Li Qingquan, et al	(510)
39. 中国中小尺度强对流天气气候学特征	薛晓颖 任国玉 孙秀宝 等	(522)
40. Impact of daytime precipitation duration on urban heat island intensity over Beijing city	Yang Ping, Ren Guoyu, Hou Wei	(537)
41. 华北雨季开始早晚与大气环流和海温异常的关系	于晓澄 赵俊虎 杨柳 支蓉 封国林	(550)

42. Interdecadal variations of the temporal and spatial distribution of summer extreme heat in China
..... Naihui Zang, Junhu Zhao, Pengcheng Yan, Guolin Feng (562)
43. 10~30 d 延伸期可预报性与预报方法研究进展..... 章大全 郑志海 陈丽娟 张培群 (575)
44. Influence of late springtime surface sensible heat flux anomalies over the Tibetan and Iranian
plateaus on the location of the South Asian High in early summer
..... Haoxin Zhang, Weiping Li, Weijing Li (590)
45. Observed changes in extreme temperature over the global land based on a newly developed station
daily dataset Zhang Panfeng, Ren Guoyu, Xu Yan, et al (601)
46. Improved assimilation of Fengyun-3 satellite-based snow cover fraction in northeastern China
..... Shuai Zhang, Chunxiang Shi, Runping Shen, Jie Wu (622)
47. Comparison of Surface Air Temperature between Observation and Reanalysis Data over Eastern
China for the Last 100 Years Zhang Siqi, Ren Guoyu, Ren Yuyu, Sun Xiubao (638)
48. Bias correction of gauge data and its effect on precipitation climatology over mainland China
..... Zhang Y X, Ren Y Y, Ren G Y, et al (653)
49. MJO modulation and its ability to predict boreal summer tropical cyclone genesis over the northwest
Pacific in Met Office Hadley Centre and Beijing Climate Center seasonal prediction systems
..... Zhao Chongbo, Hongli Ren, Rosie Eade, et al (673)
50. 2018 年秋季我国气候异常及成因分析 赵俊虎 王永光 (686)
51. Relationship between Tropical Indian Ocean SSTA in Spring and Precipitation of Northeast China
in Late Summer Zhao J H, J Zhou, K G Xiong, G L Feng (698)
52. Possible Causes of the Anomalous Characteristics of Autumn Rain in Western China in 2017
..... Jie Zhou, Junhu Zhao, Rong Zhi (713)
53. Interannual Variability of the Tropical Cyclone Landfall Frequency over the Southern and Northern
Regions of East Asia in Autumn Xingyan Zhou, Riyu Lu (728)
54. Remote forcing of the northern tropical Atlantic SST anomalies on the western North Pacific
anomalous anticyclone Zuo Jinqing, Li Weijing, Sun Chenghu, Ren Hongchang (738)