

论文编目索引

1. Bao, B. and G. Y. Ren. 2014; Climatological characteristics and long-term change of SST over the marginal seas of China. *Continental Shelf Research*, 77 (1) : 96-106.
2. Bian, T. , G. Y. Ren, B. X. Zhang, L. Zhang, Y. X. Yue. 2014; Urbanization effect on long-term trends of extreme temperature indices at Shijiazhuang station, North China. *Theoretical and Applied Climatology*, DOI 10.1007/s00704-014-1127-x.
3. Chen Ajiao, Weiping Li, Weijing Li, and Xin Liu. 2014; An observational study of snow aging and the seasonal variation of snow albedo by using data from Col de Porte. *France. Chin. Sci. Bull.* 59(34):4881-4889.
4. 达朝究, 穆 帅, 马德山, 等. 2014: 基于 Lorenz 系统的数值天气转折期预报理论探索. *物理学报*, 63(2): 029201-14.
5. 董思言, 徐 影, 周波涛, 侯美亭. 2014: 基于 CMIP5 气候模式的中国地区未来高温风险预估. *气候变化研究进展*, 10(5):365-369.
6. 段居琦, 徐新武, 高清竹. 2014: IPCC 第五次评估报告关于适应气候变化与可持续发展的新认知. *气候变化研究进展*, 10(3):197-202.
7. 房一禾, 龚志强, 等. 2014: 中国东北区域盛夏雨季的客观识别研究. *物理学报*, 63(20): 209202.
8. Gong Z Q, Zhao J H, Feng G L, Chou J F. , 2014; Dynamic-statistics combined forecast scheme based on the abrupt decadal change component of summer precipitation in East Asia. *Sci. China: Earth Sci.*, doi: 10.1007/s11430-014-4967-4.
9. GU wei, Lin WANG, Weijing LI, Lijuan CHEN. 2014; Influence of the tropical Pacific east-west thermal contrast on the autumn precipitation in South China. *Int. J. Climatol*, DOI:10.1002/joc.4075.
10. 韩荣青, 高 辉, 李维京. 2014: 旋转经验正交函数分解回归方法在东北夏季气温季节预测和成因诊断中的应用. *气象学报*, 72(2): 291-305.
11. 胡 泊, 乔少博, 封国林. 2014: 20 世纪 90 年代末东亚夏季降水年代际变化及其成因初探. *物理学报*, 63 (20): 209204.
12. JIA Xiaolong, CHEN Lijuan, LUO Jingjia, 2014; Climate Prediction experiment for tropical cyclone genesis frequency using the large scale circulation forecast by a coupled global circulation model. *Journal of Tropical Meteorology*, 20(2):103-111.
13. Li Weijing, Jingpeng Liu, Lijuan Chen, et al, 2014; Spatiotemporal distribution and decadal change of the monthly temperature predictability limit in China. *China Sci Bull*, 59(34): 4864-4872.
14. 李维京, 刘景鹏, 陈丽娟, 张培群, 任宏利. 2014: 中国月平均气温可预报性的时空特征及其年代际变化. *科学通报*, 59(25):2520-2527.
15. 李 娇, 任国玉, 任玉玉, 张 雷. 2014: 资料均一化对沈阳站气温趋势和城市化偏差分析的影响. *大气科学学报*, 37(3): 297-303.
16. Liu Yunyun, Li Weijing, Zuo Jinqing, Hu Zeng-Zhen. 2014; Simulation and projection of the western Pacific subtropical high in CMIP5 models. *J. Meteor. Res.*, 28(3): 327-340.
17. 刘芸芸, 李维京, 左金清, 胡增臻. 2014: CMIP5 模式对西太平洋副热带高压的模拟和预估. *气象学报*, 72

- (2): 277-290.
18. Liu, Xiangwen, Tongwen Wu, Song Yang, et al. , 2014: Relationships between interannual and intraseasonal variations of the Asian-western Pacific summer monsoon hindcasted by BCC_CSM1.1(m). *Advances in Atmospheric Sciences*, 31 (5): 1051-1064. (LCS Youth Fund, 2014)
 19. Liu, Y. and Fan, K. , 2014: An application of hybrid downscaling model to forecast summer precipitation at stations in China. *Atmospheric Research* , 143:17-30.
 20. Liu, Y. and Ren, H. -L. 2014: A hybrid statistical downscaling model for prediction of winter precipitation in China. *International Journal of Climatology*, doi: 10.1002/joc.4058.
 21. 马 琴, 刘 新, 李伟平, 等. 2014: 青藏高原夏季土壤有机质及砾石影响水热传输特性的数值模拟. *大气科学*, 38(2): 337-351.
 22. Jie PENG, Hua ZHANG, Zhanqing Li. 2014: Temporal and spatial variations of global deep cloud systems based on CloudSat and CALIPSO Satellite observations. *Adv. in Atmos. Sci.* , 31(3): 593-603.
 23. 祁 莉, 王晓芳, 何金海, 张文君, 吴 捷. 2014: 前期西太平洋暖池热含量异常影响长江中下游夏季降水的可能途经. *地球物理学报*, 57(6):1769-1781.
 24. 乔少博, 沈柏竹, 王晓娟, 封国林. 2014: 欧亚北部 2004 年以来频繁冷冬的特征分析及机理初探. *气象学报*, 72(6):1143-1154.
 25. Ren, G. and Y. Zhou. 2014: Urbanization effects on trends of extreme temperature indices of national stations over mainland China, 1961—2008. *Journal of Climate* , 27(6): 2340-2360.
 26. 任国玉, 任玉玉, 李庆祥, 徐文慧. 2014: 全球陆地表面气温变化研究现状、问题和展望. *地球科学进展*, 29(8): 934-946.
 27. Ren, Hong-Li, Fei-Fei Jin, and Jong-Seong Kug. 2014: Eddy-induced growth rate of low-frequency variability and its mid-late winter suppression in the northern hemisphere. *Journal of the Atmospheric Sciences* , 71(7): 2281-2298.
 28. Ren, Hong-Li, Ying Liu, Fei-Fei Jin, Yu-Ping Yan, and Xiang-Wen Liu. 2014: Application of the analogue-based correction of errors method in ENSO prediction. *Atmospheric and Oceanic Science Letters*, 7(2): 157-161, doi: 10.3878/j.issn.1674-2834.13.0080.
 29. 任宏利, 张培群, 李维京, 陈丽娟. 2014: 提高月预报业务水平的动力相似集合方法. *气象学报*, 72(4): 723-730.
 30. 任霄玉, 任国玉, 魏明建. 2014: 我国北方 TOMS 气溶胶光学厚度与地面沙尘天气频数的比较. *干旱区研究*, 31(5): 874-881.
 31. Su T, Feng G L, Zhou J, Ye M. 2014: The response of actual evaporation to global warming in China based on six reanalysis datasets. *International Journal of Climatology*, doi:10.1002/joc.4203.
 32. SU T, Feng G L. 2014: Spatial-temporal variation characteristics of global evaporation revealed by eight reanalyses. *Science China Earth Sciences* , doi: 10.1007/s11430-014-4947-8.
 33. 苏 涛, 封国林. 2014: 中国夏季大气水分循环特征及再分析资料对比分析. *物理学报*, 63(24): 249201.
 34. 司 东, 袁 媛. 2014: 2013 年海洋和大气环流异常对中国气候的影响. *气象*, 40(4): 1-10.
 35. Tan, Gui-Rong, Fei-Fei Jin, Hong-Li Ren, and Zhao-Bo Sun. 2014: The role of eddy feedback in the excitation of NAO. *Meteorological Applications* , DOI: 10.1002/met.1415.

36. 汪 雷, 王彰贵, 凌铁军, 左金清. 2014: 海洋模式中垂直混合参数化方案介绍. *海洋预报*, 31(5): 93-104.
37. Y. J. Wang, F. M. Ren. 2014: Spatial and Temporal Variations of Regional High Temperature Events in China. *International Journal of Climatology*, 34: 3054-3065.
38. 王艳姣, 高 蓓, 周 兵, 姜 彤, 等. 2014: 2013 年全球重大天气气候事件及其成因. *气象*, 40(6): 759-768.
39. Zhili Wang, Hua Zhang, and Peng Lu, 2014: Improvement of cloud microphysics in the aerosol-climate model BCC_AGCM2.0.1_CUACE/Aero, evaluation against observations and updated aerosol indirect effect. *Journal Geophysical Research*, 119, 8400-8417, doi:10.1002/2014JD021886.
40. 谢 冰, 张 华. 2014: 关于大气臭氧问题的主要研究进展. *科学技术与工程*, 14(8): 1671-181508-0000-05.
41. 杨冰韵, 张 华, 彭 杰, 王志立, 荆现文. 2014: 利用 CloudSat 卫星资料分析云微物理和光学性质的全球分布特征. *高原气象*, 33(4): 1105-1118.
42. 尹宜舟, 罗 勇, 肖风劲, 等. 2014: 1971—2011 年中国县级行政区域热带气旋基本气候特征. *热带气象学报*, 30(6): 089-097.
43. You, Q. L., K. Fraedrich, F. Sielmann, J. Min, S. C. Kang, Z. M. Ji, X. H. Zhu, G. Y. Ren. 2014: Present and projected degree days in China from observation, reanalysis and simulations. *Clim Dyn*. 1449-1462. DOI 10.1007/s00382-013-1960-0.
44. YU Haipeng, HUANG Jiangping, LI Weijing, Feng Guolin. 2014: Development of the Analogue-Dynamical Method for Error Correction of Numerical Forecasts. *J. Meteor. Res.*, 28(5): 934-943.
45. 于海鹏, 黄建平, 李维京, 封国林. 2014: 数值预报误差订正技术中相似—动力方法的发展. *气象学报*, 72(5): 1012-1022.
46. 尤焕苓, 刘伟东, 任国玉. 2014: 1981—2010 年北京地区极端降水变化特征. *气候与环境研究*, 19(1): 69-71.
47. 尤焕玲, 任国玉, 等. 2014: 北京“7·21”特大暴雨过程时空特征解析. *气象科技*, 42(5): 856-864.
48. 曾宇星, 封国林, 等. 2014: 春季马斯克林高压对中国东北地区夏季气温的影响. *高原气象*, 33(5): 1374-1382.
49. H. Zhang, X. Jing J. Li, 2014: Application and evaluation of a new radiation code under McICA scheme in BCC_AGCM2.0.1. *Geosci. Model Dev.* 7, 737-754.
50. ZHANG H., XIE B., ZHAO S.-Y., CHEN Q., 2014: PM_{2.5} and tropospheric O₃ in China and an analysis of the impact of pollutant emission control. *Advances in Climate Change Research*, 5(2014)136-141.
51. 张 华, 陈 琪, 谢 冰, 赵树云. 2014: 中国的 PM_{2.5} 和对流层臭氧及污染物排放控制对策的综合分析. *气候变化研究进展*, 10(4): 289-296.
52. 张 华, 黄建平. 2014: IPCC 第五次评估报告关于人为和自然辐射强迫的解读. *气候变化研究进展*, 10(1): 40-44.
53. 张 华, 卢 鹏. 2014: 多层四流球谐函数的构建及在大气辐射传输模式中的应用. *气象学报*, 72(6): 1257-1268.
54. Zhang, L., G. Y. Ren, Y. Y. Ren, A. Y. Zhang, Z. Y. Chu, Y. Q. Zhou, 2014: Effect of data homogenization on estimate of temperature trend; a case of Huairou station in Beijing Municipality. *Theor Appl Cli-*

matol, 115 (3): 365-373.

55. 张 灵, 杜良敏, 陈丽娟, 高正旭. 2014: 武汉异常强降水水汽来源、输送路径分析. *气象与环境科学*, 37(1):69-74.
56. 张 媛, 任国玉. 2014: 无参考序列条件下地面气温观测资料城市化偏差订正方法:以北京站为例. *地球物理学报*, 57(7): 2197-2207.
57. Zhao, Chongbo, Tianjun Zhou, Lianchun Song, Hongli Ren, 2014: The Boreal Summer Intraseasonal Oscillation Simulated by Four Chinese AGCMs Participated in the CMIP5 Project. *Advances in Atmospheric Sciences*, 31(5): 1167-1180.
58. Shuyun Zhao, Hua Zhang, Song Feng, and Qiang Fu, 2014: Simulating direct effects of dust aerosol on arid and semi-arid regions using an aerosol-climate coupled system. *International Journal of Climatology*, *in press*, C11DOI: 10.1002/joc.4093.
59. 赵树云, 智协飞, 张 华. 2014: 气溶胶-气候耦合模式系统 BCC_AGCM2.0.1_CAM 气候态模拟的初步评估. *气候与环境研究*, 19(3):265-277.
60. 周雅清, 任国玉. 2014: 城市化对华北地区极端气温事件频率趋势变化的影响. *高原气象*, 33(6): 1589-1598.
61. 左冬冬, 龚志强, 等. 2014: 冬季大气遥相关和海温关键区的复杂网络性质. *物理学报*, 63(4): 049201-9.