

论文编目索引

1. Aixia Feng, Zhiqiang Gong, Qiguang Wang and Guolin Feng. 2012: Three-dimensional air-sea interactions investigated with bilayer networks. *Theor Appl Climatol*, 109;635-643, DOI 10.1007/s00704-012-0600-7.
2. 卞 韬,任国玉,岳艳霞,赵卫亮. 2012: 石家庄地区极端寒热和强降水的观测事实. 干旱区研究, 29(4):660-666.
3. 卞 韬,任国玉,张翠华,阎 访. 2012: 石家庄气象站记录的城市热岛效应及其趋势变化. 南京信息工程大学学报(自然科学版),4(5):402-408.
4. Feng G L, Sun S P, Zhao J H, et al. 2012: Analysis of stable components for extended-range (10 – 30 days) weather forecast: A case study of continuous overcast-rainy process in early 2009 over the mid-lower reaches of the Yangtze River. *Sci China Earth Sci*, doi: 10.1007/s11430-012-4527-8.
5. 封国林,杨涵洧,张世轩,王 阔,沈柏竹. 2012: 2011年春末夏初长江中下游地区旱涝急转成因初探. 大气科学, 36(5):1009-1026.
6. 龚志强,支 蓉,侯 威,王晓娟,封国林. 2012: 基于复杂网络的北半球遥相关年代际变化特征研究. 物理学报, 61(2):029202.
7. 顾 薇,李维京,陈丽娟,等. 2012: 我国秋季降水的年际变化及与热带太平洋海温异常分布的关系. 气候与环境研究, 17(4): 467-480.
8. 顾伟宗,陈丽娟,李维京,陈德亮. 2012: 降尺度方法在中国不同区域夏季降水预测中的应用. 气象学报, 70(2),202-212.
9. 金 巍,任国玉,曲 岩,刘晓玲. 2012: 1971—2010东北三省平均地面风速变化. 干旱区研究, 29(4):648-653.
10. 荆现文,张 华. 2012: McICA 云-辐射方案在国家气候中心全球气候模式中的应用与评估. 大气科学, 36(5): 945-958, doi:10.3878/j.issn.1006-9895.
11. 刘绿柳,任国玉. 2012: 百分位统计降尺度方法及在GCMs 日降水订正中的应用. 高原气象, 31(3):715-722.
12. 刘学锋,梁秀慧,任国玉,任芝花. 2012: 台站观测环境改变对我国近地面风速观测资料序列的影响. 高原气象, 31(6):1645-1652.
13. 刘玉莲,任国玉,于宏敏. 2012: 中国降雪气候学特征. 地理科学, 32(10):1176-1185.
14. LU Peng, ZHANG Hua, JING Xianwen. 2012: The Effects of Different HITRAN Versions on Calculated Long-Wave Radiation and Uncertainty Evaluation. *Acta Meteor Sinica*, 26(3),389-398.
15. Jing Ming, Zhencai Du, Cunde Xiao, Xiaobin Xu, et al. 2012: Darkening of the mid-Himalaya glaciers since 2000 and the potential causes. *Environ Res Lett*, 7(2012)doi:10.1088/1748-9326/7/1/014021. (开放青年基金资助项目)
16. Jing Ming, Cunde Xiao, ZhencaiDu, Xingguo Yang. 2012: An overview of black carbon deposition in High Asia glaciers and its impacts on radiation balance. *Advances in Water Resources*. (开放青年基金资助项目)
17. Ren G, Y Ding, Z Zhao, J. Zheng, T. Wu, G. Tang , and Y. Xu. 2012: Recent progress in studies of climate change in China. *Advances in Atmospheric Sciences*, 29(5): 958-977. doi: 10.1007/s00376-012-1200-2.

18. 任国玉. 2012: 气候变化与青藏高原工程设计. *中国工程科学*, 14(9):89-95.
19. Hong-li REN, Fei-fei JIN, Li GAO. 2012: Anatomy of Synoptic Eddy-NAO Interaction through Eddy Structure Decomposition. *Journal of the Atmospheric Sciences*, 69, 2171-2190. DOI: 10.1175/JAS-D-11-069.1.
20. REN Yuyu, REN Guoyu. 2012: Representativeness of Four Precipitation Observational Networks of China. *Acta Meteorologica Sinica*, 26(4), 454-466, doi: 10.1007/s13351-012-0405-8.
21. 沈柏竹,张世轩,杨涵洧,王 阔,封国林. 2012: 2011年春夏季长江中下游地区旱涝急转特征分析. *物理学报*, 61(10):109202-1-109202-11.
22. SHI Ying, GAO Xue-Jie, WU Jia. 2012: Projected Changes in Köppen Climate Types in the 21st Century over China. *Atmospheric and Oceanic Science Letters*, 5(6): 495-498.
23. Wang Xiao-juan, Zhi Rong, He Wen-ping, et al. 2012: Collective behaviour of climate indices in the North Pacific air-sea system and its potential relationships with decadal climate changes. *Chin Phys B*, 21(2): 029201.
24. 王 阔,封国林,孙树鹏,郑志海. 2012: 基于2008年1月中国南方低温雨雪冰冻事件10—30天延伸期稳定分量的研究. *物理学报*, 61(10): 109201.
25. 王 阔,封国林,孙树鹏,郑志海. 2012: 2009年11月冰冻雨雪事件10—30天延伸期稳定分量提取及分析. *物理学报*, 61(20): 209201.
26. 王启光,封国林,郑志海,等. 2012: 基于Lorenz系统提取数值模式可预报分量的初步试验. *大气科学*, 36(3): 539-550.
27. 王启光,封国林,支 蓉, 等. 2012: 长江中下游汛期降水数值预报业务模式误差场预报研究. *气象学报*, 70(4): 789-796.
28. XIONG Kaiguo, FENG Guolin, HUANG Jianping, and CHOU Jifan. 2012: Analogue-Dynamical Prediction of Monsoon Precipitation in Northeast China Based on Dynamic and Optimal Configuration of Multiple Predictors. *Acta Meteor Sinica*, 25(3): 316-326.
29. 熊开国,封国林,黄建平,丑纪范. 2012: 最优多因子动态配置的东北汛期降水相似动力预报试验. *气象学报*, 70(2): 213-221.
30. 熊开国,赵俊虎,封国林,黄建平,胡经国. 2012: 汛期降水相似动力预报-模式误差主分量相似预报方法. *物理学报*, 61(14): 149-204.
31. XU Ji-Yun, SHI Ying, GAO Xue-Jie. 2012: Changes in Extreme Events as Simulated by a High-Resolution Regional Climate Model for the Next 20—30 Years over China. *Atmospheric and Oceanic Science Letters*, 5(6): 483-488.
32. 严晓瑜,赵春雨,任国玉,等. 2012: 1962—2008年辽宁省积雪变化特征. *气象与环境学报*, 28(2): 34-39.
33. 杨涵洧,封国林,沈柏竹,支 蓉. 2012: 中国夏季东北冷涡强度的量化分析. *大气科学*, 36(3): 487-494.
34. 杨 杰,封国林,赵俊虎,张志森. 2012: 夏季西太平洋副热带高压的客观量化预测及其对汛期降水的指示. *气象学报*, 70(5): 1032-1044.
35. 杨 杰,赵俊虎,郑志海,熊开国,沈柏竹. 2012: 华北汛期降水多因子相似订正方案与预报试验. *大气科学*, 36(1): 11-22.
36. Yang Ping, Hou Wei, Feng Guolin. 2012: The characteristics of clusters of weather and extreme climate

- events in China during the past 50 years. *Chin Phys B*, 21(1): 019201.
37. Ping Yang, Guoyu Ren, Wei Hou, and Weidong Liu. 2012: Spatial and diurnal characteristics of summer rainfall over Beijing Municipality based on a high-density AWS dataset. *Int J Climatol*, DOI: 10.1002/joc.3622.
 38. 尤焕苓,任国玉,刘伟东. 2012:1961—2010年北京地区降水变化特征. *沙漠与绿洲气象*, 6(4): 13-20.
 39. You Q, K Fraedrich, G Ren, and S Kang. 2012: Variability of temperature in the Tibetan Plateau based on homogenized surface stations and reanalysis data. *Int J Climatol*, DOI:10.1002/joc. 3512.
 40. You Q, G Ren, K Fraedrich, S Kang, Y Ren and P Wang. 2012: Winter temperature extremes in China and their possible causes. *Int J Climatol*, DOI: 10.1002/joc. 3525.
 41. Qinglong You, Arturo Sanchez-Lorenzo, Martin Wild, Doris Folini, Klaus Fraedrich, GuoyuRen and Shichang Kang. 2012: Decadal variation of surface solar radiation in the Tibetan Plateau from observations, reanalysis and model simulations. *Clim Dyn*, DOI 10.1007/s00382-012-1383-3.
 42. H Zhang, Z Shen, X Wei, M Zhang, Z Li. 2012: Comparison of optical properties of nitrate and sulfate aerosol and the direct radiative forcing due to nitrate in China. *Atmospheric Research*, 113,113-125.
 43. Hua Zhang, Zhili Wang, Zaizhi Wang, QianxiaLiu, et al. 2012: Simulation of direct radiative forcing of aerosols and their effects on East Asian climate using an interactive AGCM-aerosol coupled system. *Clim Dyn*, 38:1675-1693. DOI 10.1007/s00382-011-1131-0.
 44. ZHANG Hua, ZHANG Min, CUI Zhenlei, et al. 2012: Simulation and Validation of the Aerosol Optical Thickness over China in 2006. *Acta Meteor Sinica*, 26(3):330-344.
 45. 张世轩,支 蓉,封国林,沈柏竹. 2012: 中国东部地区前冬季节来临早晚与夏季降水的关系探究. *大气科学*, 36(3): 564-578.
 46. 赵俊虎,封国林,杨 杰,支 蓉,王启光. 2012: 夏季西太平洋副热带高压的不同类型与中国汛期大尺度旱涝的分布. *气象学报*,70(5): 1021-1031.
 47. 赵俊虎,王启光,支 蓉,封国林. 2012: 中国极端温度的群发性研究,气象学报,70(2): 302-310.
 48. 支 蓉,龚志强,王启光,赵俊虎. 2012: 全球增暖和极端事件对全球温度场关联性的影响. *气象学报*, 70 (4): 728-735.
 49. Zhou F F, R Q Ding, G L Feng, Z T Fu, and W S Duan. 2012: Progress in the study of nonlinear atmospheric dynamics and predictability of weather and climate in China (2007—2011). *Adv Atmos Sci*, 29(5): 1048-1062. doi: 10.1007/s00376-012-1204-y.
 50. ZuoJinqing, Li Weijing, RenHongli, Chen Lijuan. 2012: Change of the Relationship Between the Spring NAO and East Asian Summer Monsoon and Its Possible Mechanism. *Chinese J Geophys*, 55(1): 23-34.
 51. 左金清,李维京,任宏利, 等. 2012: 春季北大西洋涛动与东亚夏季风年际关系的转变及其可能成因分析. *地球物理学报*,55(2): 384-395.