

## TABLE OF CONTENTS 目 录

**Predictability of Weak Typhoon Heavy Rainfall Event in China during the Midsummer**  
(盛夏中国弱台风大暴雨事件的可预报性)

X. F. ZHANG, F. HUANG, S. B. XU.....365

**Interannual Variation of Spring Cloud Cover in Arctic and Its Effect on  
Arctic Amplification Feedback**  
(春季北极地区云量年际变化特征及其对北极放大反馈的作用)

X. WANG, F. HUANG, H. WANG.....373

**Analysis of Regional Climate Differences between 2016/2017 and 2017/2018 Winter**  
(2016/2017 年与 2017/2018 年冬季区域气候差异机理分析)

Y. M. SONG, J. L. SUN, D. J. YE.....383

**Comparative Study on Simulation of Meteorological Elements in Bohai Coastal Region of  
Liaoning Province by Using Two Land Surface Schemes**  
(两种陆面过程方案对辽宁环渤海地区气象要素模拟的对比研究)

T. ZHAO, X. H. WEN.....392

**Sharing and Application of Raw Data for Doppler Weather Radar in Northeast**  
(东北地区多普勒天气雷达基数据的共享与应用)

D. Z. LI, Y. J. SUI, C. C. FANG.....403

**Environmental Field Analysis before the Occurrence of the Squall Line Process in the  
Cold Vortex Background**  
(冷涡背景下飑线过程发生前环境场分析)

S. S. YANG, H. CHEN, M. Y. SHEN, S. RAN.....412

**A Review on Global Warming Attribution and Hiatus Analysis**  
(全球变暖归因与停滞问题研究综述)

S. LI, M. JI, H. C. CAI, W. D. CHEN, X. P. NI, L. LIN, G. H. ZENG, E. W. WU, X. L. LI.....421

**Analysis of Micrometeorological Characteristics of Inhomogeneous Underlying Surface  
in the Bohai Coastal Region of Liaoning Province in Summer**  
(辽宁环渤海地区非均匀下垫面夏季近地层微气象特征分析)

T. ZHAO, X. H. WEN.....432

**Evaluation of Hail Suppression Efforts in a Heavy Hail Weather in Bole Region of Xinjiang**  
(新疆博州一次强冰雹天气防雹效果的评估)

L. P. ZHOU, J. WANG, H. DU, E. IKIMJAN.....444

**The Relationship between Arctic Sea Ice Anomalies and Atmospheric Circulation in the Autumn and Winter of 2016-2017**  
**(2016~2017 年秋冬季北极海冰异常与大气环流的关系)**

K. XU.....453

**Analysis on the Effect of Different Levels of Precipitation on Pollutant Concentration in Langfang City**  
**(不同等级降水对廊坊市污染物浓度的影响分析)**

M. WANG, L. P. GUO, N. LI, H. T. DU.....461

**Analysis on the Characteristics of Greenland Ice Sheet Mass Change and a Preliminary Study on Mechanism**  
**(格陵兰冰盖质量变化的特征与机制初探)**

R. M. RUAN.....473

**Climate Characteristics and Meteorological Conditions of High Temperature in Bazhou in Recent 60 Years**  
**(霸州近 60 年高温气候特征与气象条件)**

L. X. YAN, L. P. GUO, W. Z. ZHANG, K. B. FAN, H. L. YANG, M. X. QIAN, J. ZHANG.....484

**Convection Index Analysis of a Regional Rainstorm in Langfang**  
**(廊坊市一次区域性暴雨过程的对流指数分析)**

H. J. HUANG, L. P. GUO, F. SHEN.....494

**Numerical Simulation of the Effects of Arctic Dipole Atmospheric Circulation on Arctic Sea Ice**  
**(北极偶极子型大气环流对北极海冰影响的数值模拟研究)**

S. WANG, J. SU.....503

**Long-Term Correlation and Evolution Law of Temperature in Eastern China in the Past 100 Years**  
**(中国东部百年温度长程相关性及其演变规律研究)**

Q. G. WANG, A. X. FENG, Y. Y. HU, W. H. WANG.....516

**Influence of Scale Interaction on Tropical Cyclone Genesis Number over the Western North Pacific**  
**(尺度相互作用对西北太平洋热带气旋生成频数的影响分析)**

M. X. XU.....525

**Characteristics of Daily Precipitation with Different Intensities in Flood Season in the Middle and Eastern Part of Gansu Province**  
**(甘肃中东部地区汛期不同强度日降水特征)**

H. DI, S. C. WANG, Y. H. YE, N. ZHANG, F. ZHOU.....538

**Study on the Relation between Convective Weather and Temperature and Precipitation in Xinjiang**  
**(新疆对流性天气多寡与气温和降水关系的研究)**

J. WANG, S. J. MA, H. L. JING, L. W. KONG, W. Y. DONG.....545

**Estimation of E-601B Evaporation by Small Evaporation**  
**(用小型蒸发量估算 E-601B 型蒸发量研究)**

J. X. MAO, Y. MAO, H. M. ZHOU, H. CAO.....553

**Temporal and Spatial Distributions of Maximum Daily Precipitation and**

**Recurrence Periods in Yunnan Province**

(云南省极端最大日雨量时空分布特征及其重现期估算)

M. H. QI, Y. J. XU, L. QI, Y. K. SHENG.....561

**Risk Analysis and Regionalization of Drought Disaster in Sichuan Province**

(四川省干旱灾害风险分析与区划)

B. XU, X. H. LI, Y. T. XUE.....571