

中国科技核心期刊(中国科技论文统计源期刊)
中国学术期刊综合评价数据库统计源期刊
中文科技期刊数据库收录期刊
河南省自然科学一级期刊

ISSN 1673-7148

气象与环境科学

METEOROLOGICAL AND ENVIRONMENTAL SCIENCES



河南省气象局主办

2020

第43卷 第1期

气象与环境科学

第 43 卷 第 1 期

(总第 190 期)

2020 年 2 月

目 次

研究论文

- 春玉米产量动态预报技术的改进方法探索 邱美娟, 刘布春, 刘园, 等 (1)
2017-11-15 安徽颍上团雾天气特征分析及气象服务探讨 梁莉, 田华, 李蔼恂, 等 (9)
河南烟区烤烟生育期地表温度日较差变化对烤烟化学品质指标的影响 吴璐, 刘晓迎 (18)
中国中部区域一次低槽冷锋天气过程人工增雨潜力区研究 杨敏, 黄毅梅, 彭冲, 等 (26)
天津城区暴雪的环流形势与雷达特征分析 胡玲, 刘锦, 东高红, 等 (34)
春季江淮气旋及影响的统计分析 黄文彦, 孙燕, 卢楚翰, 等 (43)
1961—2017年岳阳人体舒适度变化特征 桑友伟, 孟蕾 (52)
台风“尼伯特”和“莫兰蒂”造成的江西暴雨中干空气的影响对比分析 刘春, 肖雯 (59)
临夏地区强降水气候变化特征及其影响条件分析 孙玉莲, 祁晓龙, 马玉坤, 等 (68)
庐山雨凇积冰日数变化特征及其与海气场关系 章开美, 龙余良, 周雨, 等 (75)
大连机场典型低空风切变的成因分析 翁雪玲, 于佳松, 徐建文 (81)
鄱阳湖区风电场风电功率预报研究 吴琼, 贺志明 (90)
晋城市冬、春季 PM_{2.5} 和 PM₁₀ 污染水平时空分布及其与气象因子的关系
..... 马帅, 王春迎, 刘孟雄, 等 (96)
河南 3 次重污染天气过程的气象条件诊断及传输影响分析 冯丽莎, 宋攀, 田力, 等 (104)
2014—2016 年开封市空气污染特征及重污染过程气象成因分析 喻谦花, 闵晓桐 (114)
咸阳地区基于广义雾霾的时空分布特征分析 许玮, 赵恺辉, 赵奕兵, 等 (123)

应用技术

- 基于 WebGIS 的气象服务产品自动加工关键技术 丰德恩, 唐卫, 王慕华, 等 (130)
秦皇岛市生活气象指数预报技术初探 徐静 (137)

简讯

- 欢迎访问《气象与环境科学》编辑部网站 (143)
《气象与环境科学》征稿简则 (144)

期刊基本参数:CN41-1386/P * 1978 * q * A4 * 144 * zh * P * ¥ 15.00 * 1000 * 18 * 2020-02

本期责任编辑:王君(主任) 曹淑超 校对:刘伟昌 英文审改:刘华 英文校对:曹淑超 编审顾问:王魁山

METEOROLOGICAL AND ENVIRONMENTAL SCIENCES

Vol. 43 NO. 1

(General Number 190)

Feb. 2020

CONTENTS

ARTICLES

Exploration of an Improved Method for Yield Dynamic Prediction of Spring Maize	Qiu Meijuan, Liu Buchun, Liu Yuan, et al (1)
Analysis of Weather Characteristics of the 15 November 2017 Agglomerate Fog in Yingshang of Anhui Province and Rethinking of Meteorological Services	Liang Li, Tian Hua, Li Aixun, et al (9)
Effects of Diurnal Ground Temperature Range in Tobacco Growing Period on Chemical Quality Index of Flue-cured Tobacco Leaves in Henan Province	Wu Lu, Liu Xiaoying (18)
Study on Potential Area of Artificial Precipitation Enhancement of a Low-trough Cold Front Weather Process in Central China	Yang Min, Huang Yimei, Peng Chong, et al (26)
Analysis on the Circulation Situation and Radar Characteristics of Snowstorm in Tianjin City	Hu Ling, Liu Jin, Dong Gaohong, et al (34)
Statistical Analysis of Jiang-huai Cyclone and Its Influence in Spring	Huang Wenyan, Sun Yan, Lu Chuhan, et al (43)
Variation Characteristics of Human Comfort Index in Yueyang City in 1961—2017	Sang Youwei, Meng Lei (52)
Comparative Analysis of the Influence of Dry Airs in the Typhoon Rainstorms of Nepartak and Meranti in Jiangxi Province	Liu Chun, Xiao Wen (59)
Analysis on the Climate Change Feature of Heavy Precipitation in Linxia Region and Its Influence Conditions	Sun Yulian, Qi Xiaolong, Ma Yukun, et al (68)
Variation Characteristics of Glaze Icing Days in Lushan Mountain and Its Relationship with Ocean-Air Field	Zhang Kaimei, Long Yuliang, Zhou Yu, et al (75)
Cause Analysis of Typical Low-level Wind Shear in Dalian Airport	Weng Xueling, Yu Jiasong, Xu Jianwen (81)
Wind Power Forecasting Research of Wind Farm Around Poyang Lake	Wu Qiong, He Zhiming (90)
Temporal-spatial Patterns of PM _{2.5} and PM ₁₀ Pollution and Their Correlations with Meteorological Elements during Winter and Spring in Jincheng	Ma Shuai, Wang Chunying, Liu Mengxiong, et al (96)
Meteorological Condition Diagnosis and Transmission Impact Analysis of Three Heavy Pollution Processes in Henan Province	Feng Lisha, Song Pan, Tian Li, et al (104)
Analysis on Air Pollution Characteristics and Meteorological Causes of Heavy Pollution Events in Kaifeng from 2014 to 2016	Yu Qianhua, Min Xiaotong (114)
Analysis of the Spatial and Temporal Distribution Characteristics of Fog-Haze in Xianyang Region Based on Generalized Theory	Xu Wei, Zhao Kaihui, Zhao Yibing, et al (123)

APPLIED TECHNIQUE

Key Technologies of Automatic Processing of Meteorological Service Products Based on WebGIS	Feng De'en, Tang Wei, Wang Muhua, et al (130)
Preliminary Research on the Forecast of Life Meteorological Index in Qinhuangdao	Xu Jing (137)