



河南科学

河南科学

HENAN SCIENCE



科学出版社



科学出版社
Science Press

万方数据

河南科学

2022年 第40卷 第3期

目次

应用数学与工业技术

- Weibull分布尺度参数变点的模型估计 (345)
程 静 周菊玲
- 基于谱风险度量的SVM求解算法与实证分析 (350)
李瑞祺 韩有攀
- 风区接触网隔离开关引线及其连接结构优化 (361)
刘玉辉 王玉环
- 基于偏最小二乘回归方法的北京水资源短缺预测 (370)
刘 佳

建筑科学与交通科学

- 近40年郑州市建成区扩张演变特征与驱动因素研究 (377)
李 哲 郑 瑶 张亚丽 赵子龙 党文辉 王晓磊
- 水泥稳定碎石垂直振动压实特性及路用性能研究 (384)
任 刚 韩战涛 李佳佳 胡光胜 李硕磊
- 早龄期混凝土半绝热状态温度分布与开裂研究 (390)
陈志娟 雷 冬 洪 森
- 基于PCA-GRA-AdaBoost的交通流预测模型研究 (396)
王方伟 陈景雅 谢敏慧 石宝存
- 混掺纤维AC-13C沥青混合料性能及效益研究 (403)
王 庆 李文凯 邵景千 陈红奎 王菲菲 王新严

地球科学与大气科学

- 内蒙古乌兰察布地区早白垩世沉积序列、沉积环境和构造演化 (412)
张 辉 刘瑞睿 张志超

坡面泥石流启动机理的细观数值模拟研究	(419)
王乐荣 石 崇 翟淑花 张一平 马金城	
唐山市两次爆发性重污染天气过程对比分析	(427)
王秀玲 王 冠 张晓东 吴光辉 王海山	
基于稳定分量探讨京津冀地区雾霾形成的大气环流机制	(433)
孙树鹏 张 禄 廖云琛 吴 洋 马 宁	

区域经济与管理科学

辽宁省沿海主要港口与所在城市经济协同发展的研究	(441)
吕 赞 伊冬冬 周宝刚	
区域能源消费碳排放及优化路径——以山东潍坊为例	(449)
王 鹏 殷凤朝	
社会资本视域下国防制造业企业技术创新效率测度	(457)
高嘉慧 王子龙	
陕西文化旅游品牌网络关注度时空演化特征及其影响因素研究	(468)
张 阳 刘荣添 姜欢欢	
数字乡村背景下河南省城郊乡村社区公共服务设施配置	(476)
陈丛笑 李世杰	
地方科研院所科研绩效评价体系研究	(484)
张雪花 黄敬洛 陈 茜 岳鹏飞 张 森 霍萃萌	
人口老龄化对住房消费的影响研究——基于省际数据的实证分析	(491)
张丽凤 董文静	

黄河流域生态系统专题

河南黄河湿地自然保护区生态状况变化研究	(498)
李双权 邱士可 杜 军 曾麒洁 马玉凤	
季节变化与植被类型对河南沿黄湿地微生物群落的影响	(504)
巩 涛 孙召华 张志龙 魏传军 王有科 雷 高 安明理	
黄河流域生态敏感性定量评价及其空间分布研究——以渭南地区为例	(510)
李 艳	

HENAN SCIENCE

Vol.40 No.3 2022

CONTENTS

Application Mathematics and Industrial Technology

- Model Estimation of Change Point of Weibull Distribution Scale Parameter (345)
CHENG Jing & ZHOU Juling
- Algorithm and Empirical Analysis of SVM Based on Spectral Risk Measurement (350)
LI Ruiqi & HAN Youpan
- Optimization of Lead and Connection Structure of Catenary Disconnecter in Wind Area (361)
LIU Yuhui & WANG Yuhuan
- Forecast of Water Resource Shortage in Beijing Based on Partial Least Square Regression (370)
LIU Jia

Construction Science and Transportation Science

- Characteristics and Driving Factors of Expansion and Evolution of Urban Built-up Area in Zhengzhou in Recent 40 Years (377)
LI Zhe, ZHENG Yao, ZHANG Yali, ZHAO Zilong, DANG Wenhui & WANG Xiaolei
- Study on Vertical Vibration Compaction Characteristics and Road Performance of Cement Stabilized Macadam (384)
REN Gang, HAN Zhantao, LI Jiajia, HU Guangsheng & LI Shuolei
- Study on Temperature Distribution and Cracking of Early-age Concrete in Semi-adiabatic State (390)
CHEN Zhijuan, LEI Dong & HONG Miao
- Research on Prediction of Traffic Flow Based on PCA-GRA-AdaBoost (396)
WANG Fangwei, CHEN Jingya, XIE Minhui & SHI Baocun
- Study on Performance and Benefit of Fiber AC-13C Asphalt Mixture (403)
WANG Qing, LI Wenkai, SHAO Jinggan, CHEN Hongkui, WANG Feifei & WANG Xinyan

Earth Science and Atmospheric Science

- Sedimentary Sequence, Sedimentary Environment and Tectonic Evolution of Early Cretaceous in Ulanqab Area, Inner Mongolia (412)
ZHANG Hui, LIU Ruirui & ZHANG Zhichao
- Mesoscopic Numerical Simulation Study on Startup Mechanism of Slope Debris Flow (419)
WANG Lerong, SHI Chong, ZHAI Shuhua, ZHANG Yiping & MA Jincheng

Comparative Analysis of Two Explosive Heavy Pollution Weather Processes in Tangshan	(427)
WANG Xiuling, WANG Guan, ZHANG Xiaodong, WU Guanghui & WANG Haishan	
Study on the Atmospheric Circulation Mechanism of Continuous Fog and Haze Weather in Beijing–Tianjin–Hebei Region Based on Stable Components	(433)
SUN Shupeng, ZHANG Lu, LIAO Yunchen, WU Yang & MA Ning	

Regional Economy and Management Science

Coordinated Development Between Main Coastal Ports and Their Corresponding Urban Economies in Liaoning Province	(441)
LYU Zan, YI Dongdong & ZHOU Baogang	
Regional Energy Consumption Carbon Emission and Optimization Path: Taking Weifang City as an Example	(449)
WANG Peng, YIN Fengzhao	
Measurement of Technological Innovation Efficiency of Defense Manufacturing Enterprises from the Perspective of Social Capital	(457)
GAO Jiahui & WANG Zilong	
Temporal and Spatial Evolution Characteristics and Influencing Factors of Cultural Tourism Brand Network Attention in Shaanxi Province	(468)
ZHANG Yang, LIU Rongtian & JIANG Huanhuan	
Allocation of Public Service Facilities of Suburban Rural Communities in Henan Province under the Background of Digital Village	(476)
CHEN Congxiao & LI Shijie	
Research on Scientific Research Performance Evaluation System of Local Scientific Research Institute	(484)
ZHANG Xuehua, HUANG Jingluo, CHEN Xi, YUE Pengfei, ZHANG Miao & HUO Cuimeng	
Impact of Population Aging on Housing Consumption: An Empirical Analysis Based on Interprovincial Data	(491)
ZHANG Lifeng & DONG Wenjing	

Column of the Ecosystem in the Yellow River Basin

Study on the Change of Ecological Status in Wetland Nature Reserve Along the Yellow River in Henan	(498)
Li Shuangquan, QIU Shike, DU Jun, Zeng Qijie & MA Yufeng	
Effects of Seasonal Variations and Vegetation Types on Microbial Communities of Wetland Along the Yellow River in Henan	(504)
GONG Tao, SUN Zhaohua, ZHANG Zhilong, WEI Chuanjun, WANG Youke, LEI Gao & AN Mingli	
Study on Quantitative Evaluation and Spatial Distribution of Ecological Sensitivity in the Yellow River Basin: Taking Weinan as an Example	(510)
LI Yan	