

目次

❖ 油气勘探与开发

可控震源激振器-道路耦合振动特性数值模拟研究
..... 刘建勋 马红伟 廖建平 张亚梅 陈营(1)

基于贝叶斯优化的页岩气产能预测方法 张立春 葛高硕 左应祥(9)

❖ 冶金材料与化工

超高强度钢发展现状及其强韧化机理研究
..... 程辉煌 何博 龚成琳 牛振国 曹鹏军 牛娟娟(20)

变温液滴撞击超疏水壁面动态行为研究
..... 彭鑫 谭煜 刘阳鹏 季炫宇 邹磊 李晓鹏 王亿 李鹏瑞 周雄(33)

GelMA/Mg/Sr/TP复合微球的制备表征及抗氧化性能研究
..... Kaltoum Fouzi 韦山 张馨心 李祥 刘贺 Assia Faik(44)

❖ 土木水利与环境

浙江省某高速公路收费岗亭细菌和真菌种属时空分布特征
..... 蔡姣 杜金泽 刘松荣 肖燕萍 周世军 赖旺进 刘炜(53)

❖ 计算机与人工智能

融合波段选择与无偏集成学习的大花红景天高光谱产区判别 陈冲 王晓慧 许志胜(63)

基于自适应阈值特征提取的视觉SLAM系统 刘博文 李霜 傅海琼 李雯 向毅(74)

复杂环境下基于CS-BA算法的三维航迹规划
..... 李英强 严月浩 韩强 田金凤 周常瑜 李鑫兰(83)

基于ReVIN-TCN-NBEATS模型的日碳排放量预测研究 蔡园园 李姗姗 陈华亮 杨庆开(94)

❖ 机械电子与智能制造

基于ADAMS-EDEM联合仿真的碎石粒径对液压挖掘机挖掘阻力的影响规律
..... 唐元春 刘志芳 张凯威 洪涛 周帅 宋汝琦 周瑜(107)

基于线性自抗扰模型预测的LLC谐振变换器控制策略 李梦雨 高文根(117)

Numerical Simulation Study on Seismic Vibrator-Road Coupling Vibration Characteristics
..... *LIU Jianxun MA Hongwei LIAO Jianping ZHANG Yamei CHEN Ying*(1)

Shale Gas Productivity Prediction Method Based on Bayesian Optimization
..... *ZHANG Lichun GE Gaoshuo ZUO Yingxiang*(9)

Current Status of Development and Research on Strengthening-Toughening Mechanisms of
Ultra-High Strength Steels *CHENG Huihuang HE Bo GONG Chenglin
NIU Zhen'guo CAO Pengjun NIU Juanjuan*(20)

Study on Dynamic Behavior of Variable-Temperature Droplets Impacting Superhydrophobic Surfaces
..... *PENG Xin TAN Yu LIU Yangpeng JI Xuanyu ZOU Lei LI Xiaopeng
WANG Yi LI Pengrui ZHOU Xiong*(33)

Preparation, Characterization and Antioxidant Activity of GelMA/Mg/Sr/TP Composite Microspheres
..... *KALTOUM Fouzi WEI Shan ZHANG Xinxin LI Xiang LIU He ASSIA Faik*(44)

Spatiotemporal Distribution Characteristics of Bacterial and Fungal Species in Expressway Toll Booths
in Zhejiang Province *CAI Jiao DU Jinze LIU Songrong
XIAO Yanping ZHOU Shijun LAI Wangjin LIU Wei*(53)

Hyperspectral Geographical Origin Discrimination of *Rhodiola Crenulata* by Integrating Band Selection
and Unbiased Ensemble Learning *CHEN Chong WANG XiaoHui XU Zhisheng*(63)

Visual SLAM System Based on Adaptive Threshold Feature Extraction
..... *LIU Bowen LI Shuang CHUAN Haiqiong LI Wen XIANG Yi*(74)

3D Trajectory Planning Based on CS-BA Algorithm in Complex Environments
..... *LI Yingqiang YAN Yuehao HAN Qiang TIAN Jinfeng ZHOU Changyu LI Xinlan*(83)

Research on Daily Carbon Emission Prediction Based on ReVIN-TCN-NBEATS Model
..... *CAI Yuanyuan LI Shanshan CHEN Hualiang YANG Qingkai*(94)

Influence of Crushed Stone Particle Size on Digging Resistance of Hydraulic Excavator Based
on ADAMS-EDEM Co-Simulation *TANG Yuanchun LIU Zhifang ZHANG Kaiwei
HONG Tao ZHOU Shuai SONG Ruqi ZHOU Yu*(107)

Control Strategy of LLC Resonant Converter Based on Linear Active Disturbance Rejection and
Model Predictive Control *LI Mengyu GAO Wengen*(117)