



全国中文核心期刊

ISSN 1672-9315

CODEN XKDXB2

西安科技大学

# 学报

Journal of Xi'an University of  
Science and Technology

4

2012

第32卷 第4期

Vol.32 NO.4

ISSN 1672-9315



07>

万方数据

# 西安科技大学学报

第 32 卷 第 4 期(总第 126 期)

2012 年

## 目 次

|                                    |                    |
|------------------------------------|--------------------|
| 急倾斜重复采动软岩巷道失稳破坏分析 .....            | 伍永平,曾佑富,解盘石,等(403) |
| 急倾斜煤层煤岩变形局部化特征现场监测 .....           | 来兴平,马 敬,张卫礼,等(409) |
| 深井穿层巷道支护数值模拟分析 .....               | 王 寅,秦忠诚,张 朋,等(415) |
| 上提综采面破碎顶板片帮冒顶分析与控制技术研究 .....       | 程 详,赵光明,孟祥瑞,等(420) |
| 三阶段渐进式煤层底板岩体注浆改造施工工艺 .....         | 丁 湘(427)           |
| 瑞能煤矿区段煤柱中巷支护技术 .....               | 负东风,李尚明,苏普正,等(434) |
| 近距离薄煤层群开采技术方案综合评价 .....            | 崔宝阁,王 健,张贵彬,等(439) |
| 定向水力致裂防冲原理数值模拟研究 .....             | 杜涛涛,窦林名,蓝 航(444)   |
| 高位钻孔瓦斯抽采参数优化设计 .....               | 刘桂丽,杨跃奎,撒占友(450)   |
| 基于模糊综合评价的沥青路面施工质量过程控制模型 .....      | 李海滨(459)           |
| 水射流卸压增渗及抽采瓦斯效果的渗流力学数值解 .....       | 李志强,唐 旭(464)       |
| 安塞油田晚三叠世长 7 油层组沉积微相及储层非均质性研究 ..... | 吴志宇,李克永(470)       |
| 惠民凹陷阳信洼陷油气成藏条件及分布规律 .....          | 赵卫卫,王 军(476)       |
| 西安市近郊菜园蔬菜重金属现状调查及评价 .....          | 贾锐鱼,林友红,陈一国,等(485) |
| 西部黄土山区开采沉陷变形数值模拟研究 .....           | 龚 云,汤伏全(490)       |
| 概率积分法沉陷预计的边缘修正模型 .....             | 王正帅,邓喀中(495)       |
| 几种边缘检测算子在红外图像处理方面应用研究 .....        | 岳改丽,王 栋,杨 蕊(500)   |
| 电网设备远程监控系统的设计 .....                | 赵燕云(505)           |
| 碳化硅颗粒级配优化的理论与实验研究 .....            | 李小池,王 涛,朱海马(509)   |
| 金属离子在煤生物转化过程中的激活作用研究 .....         | 陈福欣,龚 频,蔡会武,等(514) |
| 基于 G1 法的煤矿企业信息化水平指标权重的确定 .....     | 李龙清,宫 雯,许永刚(518)   |
| 锅炉排污热量回收节能分析与技术改造 .....            | 孙仲武,邓沪秋(522)       |
| 陕西煤炭物流产业的现状分析与发展对策 .....           | 李 琰,李红霞(526)       |
| 多业态企业安全生产管理信息系统设计与实现 .....         | 兰建文,刘 敏,任高峰(531)   |

期刊基本参数: CN61-1434/N \* 1981 \* b \* A4 \* 134 \* zh \* P \* ¥10.00 \* 1000 \* 24 \* 2012-07

执行编辑: 杨忠民

专业编辑: 杨忠民 吴 霄

英文编辑: 孟春全

李克永 刘 洁

## CONTENTS

|                                                                                                                                           |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Analysis of unstable failure of soft rock roadway in steep coal seam during repeat mining .....                                           | WU Yong-ping, ZENG You-fu, XIE Pan-shi, et al(414)       |
| Field monitoring of localized deformation characteristics around rock in steep coal seam .....                                            | LAI Xing-ping, MA Jing, ZHANG Wei-li, et al(413)         |
| Numerical simulation analysis of support scheme of penetrating layers roadway in deep shaft .....                                         | WANG Yin, QIN Zhong-cheng, ZHANG Peng, et al(419)        |
| Side and roof falling of broken roof in full-mechanized face with a raise of mining upper limit and its control technology .....          | CHENG Xiang, ZHAO Guang-ming, MENG Xiang-rui, et al(426) |
| Three-stage progressive grouting reconstruction technology in coal seam floor .....                                                       | DING Xiang(433)                                          |
| Technology of roadway supporting in middle of sectional coal pillar in Ruineng colliery .....                                             | YUN Dong-feng, LI Shang-ming, SU Pu-zheng, et al(458)    |
| Comprehensive evaluation of mining technology program of close thin coal seams .....                                                      | CUI Bao-ge, WANG Jian, ZHANG Gui-bin, et al(443)         |
| Simulation on rockburst prevention by directional hydraulic fracture .....                                                                | DU Tao-tao, DOU Lin-ming, LAN Hang(449)                  |
| Optimal design of high position boring drainage parameters .....                                                                          | LIU Gui-li, YANG Yue-kui, SA Zhan-you(457)               |
| Asphalt pavement construction quality process control model based on the fuzzy synthetic evaluation .....                                 | LI Hai-bin(463)                                          |
| Stress relief and permeability increasing by water jet and numerical method of seepage mechanics equation for gas extraction effect ..... | LI Zhi-qiang, TANG Xu(469)                               |
| Sedimentary microfacies and heterogeneity of Chang 7 formation in Late Triassic of Ansai Oilfield .....                                   | WU Zhi-yu, LI Ke-yong(484)                               |
| Hydrocarbon accumulation conditions and distribution in Yangxin Subsag of Huimin Sag .....                                                | ZHAO Wei-wei, WANG Jun(483)                              |
| Analysis of heavy-metal contamination of vegetables in vegetable plot of in Xi'an suburb .....                                            | JIA Rui-yu, LIN You-hong, CHEN Yi-guo, et al(489)        |
| Numerical simulation of mining subsidence in the western loess mountain area .....                                                        | GONG Yun, TANG Fu-quan(494)                              |
| Edge-amended model of probability-integral method for subsidence prediction .....                                                         | WANG Zheng-shuai, DENG Ka-zhong(499)                     |
| Application of several edge detection operator in infrared images processing .....                                                        | YUE Gai-li, WANG Dong, YANG Rui(513)                     |
| Design of remote monitoring of power equipment .....                                                                                      | ZHAO Yan-yun(508)                                        |
| Theory calculation and experiment verification of silicon carbide particle grading optimization .....                                     | LI Xiao-chi, WANG Tao, ZHU Hai-ma(513)                   |
| Activation effect of metal ions for bioconversion of coal .....                                                                           | CHEN Fu-xin, GONG Pin, CAI Hui-wu, et al(536)            |
| Weight determination of indexes for information level of coal mine enterprise based on G1 .....                                           | LI Long-qing, GONG Wen, XU Yong-gang(521)                |
| Boiler blowdown heat recovery energy-saving analysis and technological transformation .....                                               | SUN Zhong-wu, DENG Hu-qiu(525)                           |
| Current situation of coal logistic industry and development countermeasures in Shaanxi .....                                              | LI Yan, LI Hong-xia(530)                                 |
| Design and implementation of multi-format enterprise safety production management information system .....                                | LAN Jian-wen, LIU Min, REN Gao-feng(536)                 |