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## 院士观点 中国煤炭开采技术及装备 50 年发展与创新实践——纪念《煤炭科学技术》创刊 50 周年 ····· ·····王国法,杜毅博,徐亚军,任怀伟,张德生,庞义辉(1) 无煤柱自成巷力学原理及其工法 ……………………………………何满潮,高玉兵,盖秋凯,杨 军(19) 煤矿井下定向钻孔水力压裂岩层控制技术及应用 ………… 康红普, 冯彦军, 张 震, 赵凯凯, 王 鹏(31) "中等收入"与新"双控"背景下煤炭行业转型发展新机遇……………… 金智新, 曹孟涛, 王宏伟 (45) 采矿科学与工程 ······王家臣, 许家林, 杨胜利, 王兆会 (80) 特厚煤层开采坚硬顶板覆岩结构及其演化特征分析 ………… 于 斌, 匡铁军, 杨敬轩, 朱卫兵(95) 煤岩组合体应力传递与强度特征倾角效应 ……… 伍永平, 闫壮壮, 罗生虎, 汤业鹏, 王 同, 曹建利(105) 西部矿区弱胶结地层工程围岩稳定性控制研究进展… 纪洪广,孙利辉,宋朝阳,张月征,王九红,孟志强(117) 再论我国沿空留巷技术发展现状及改进建议 …… 华心祝,李 琛,刘 啸,郭永建,祁亚宝,陈登红(128) 回采巷道底鼓演化过程的分布式光纤实测研究 ………………………… 柴 敬. 韩志成、雷武林、张丁丁、马晨阳、孙 凯、翁明月、张有志、丁国利、郑忠友、张 寅、韩 刚(146) 基于蝶形破坏理论的深部巷道围岩控制技术研究 …………………… 王卫军,范 磊,马谕杰,袁 超(157) ······何学秋, 韦梦菡, 宋大钊, 李振雷, 邱黎明, 何生全, MAJID Khan, 王安虎 (168) …………………张宏伟,李 胜,韩 军,宋卫华,兰天伟,荣 海,付 兴,杨振华(191) 煤矿冲击地压防治体系中的关键问题探讨 ……………………………………… 姜福兴,张 翔,朱斯陶(203) 正断层两盘动力灾害显现差异性及机制 …………………"谭云亮,谭 涛,张修峰,陈 洋(214) ····································杨仁树,李成孝,陈 骏,邹凤仪,王雁冰,肖成龙,张召冉(224) TBM 在煤矿巷道掘进中的技术应用和研究进展 ·············· 刘泉声, 黄 兴, 潘玉丛, 刘 滨, 邓鹏海 (242) 厚松散层薄基岩地层井筒偏斜综合治理技术 …… 程 桦,彭世龙,姚直书,荣传新,蔡海兵(260) 安全科学与工程

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