

采矿与安全工程学报

2021年第38卷第2期

目 次

沿空巷道非对称底鼓机理及防控研究	王志强, 王 鹏, 吕文玉, 等	(215)
深井沿空掘巷围岩变形破坏特征及控制技术研究	程利兴, 康红普, 姜鹏飞, 等	(227)
复合软岩巷道长短锚索层次控制技术及实践	付玉凯, 王 涛, 孙志勇, 等	(237)
近距离煤层开采遗留边界煤柱下底板巷道采动附加应力计算	岳喜占, 涂 敏, 李迎富, 等	(246)
基于裂缝效应的锚固体单轴抗压强度试验研究	张 勇, 崔 力, 胡江春, 等	(253)
Hoek-Brown 破坏准则下深埋硐室围岩抗震稳定性分析	崔建锋, 王卫军	(260)
巷道围岩二次应力状态弹性阶段的试验研究	李小瑞, 侯公羽, 吕文涛, 等	(269)
剧烈采动影响煤巷围岩偏应力分布规律与控制	王 恩, 谢生荣, 陈冬冬, 等	(276)
浅埋煤层“主控层-软弱层”组合结构的形成机理及应用	宋桂军, 张 彬, 付兴玉, 等	(286)
基于应力释放率与微震监测的高强度开采工作面推进速度效应分析	李 杨, 杨天鸿, 郝 耐, 等	(295)
深部采场覆岩断裂失稳过程及支架载荷预测分析	庞义辉, 巩师鑫, 刘庆波, 等	(304)
隔水土层孔隙水压畸变与顶板突水灾变的时空响应特征模拟研究	杨 涛, 张 杰, 林海飞, 等	(317)
注浆岩体强度随钻评价试验研究	高红科, 王 琦, 李术才, 等	(326)
露天矿边坡岩石剪切力学特性与破裂特征研究	时旭阳, 才庆祥, 李兆霖, 等	(334)
邯邢矿区中奥灰顶部空隙特征显微 CT 分析	柳昭星, 董书宁, 南生辉, 等	(343)
双向约束条件下冲击荷载对煤样结构影响与机理研究	赵洪宝, 吉东亮, 王 涛, 等	(353)
酸性环境中矸石胶结充填体强度及徐变特征	郭育霞, 冉洪宇, 冯国瑞, 等	(361)
应力波扰动作用下断层滑移失稳的数值反演	朱广安, 蒋启鹏, 伍永平, 等	(370)
级配破碎煤岩体压实过程中再破碎特征研究	张天军, 刘 楠, 庞明坤, 等	(380)
基于非定常分数阶的岩石时效性蠕变模型	刘文博, 张树光, 陈 雷	(388)
饱水白砂岩折线与三维强度特征	王云飞, 李洪军, 焦华喆, 等	(396)
压裂煤岩分区破坏能量耗散机理与应用	徐 东, 邓广哲, 刘 华, 等	(404)
割煤截齿摩擦石英砂岩引燃(爆)煤壁短钻孔涌出瓦斯的危险性研究	宋万新, 杨胜强, 张少华, 等	(411)
瓦斯抽采长钻孔负压沿孔长衰减机制及影响因素模拟研究	徐 超, 王建文, 杜昌昂, 等	(419)
《采矿与安全工程学报》2020年第6期、2021年第1期 Ei 收录情况		(316)

Contents

Mechanism and control of asymmetric floor heave in gob-side entry	WANG Zhiqiang, WANG Peng, LYU Wenyu, et al	(215)
Deformation and failure characteristics and control technology of surrounding rocks in deeply gob-side entry driving	CHENG Lixing, KANG Hongpu, JIANG Pengfei, et al	(227)
Layered control technology and practice of long and short anchor cable in composite soft rock roadway	FU Yukai, WANG Tao, SUN Zhiyong, et al	(237)
Calculation of subsidiary mining stress in floor roadway under the remaining boundary pillar of close coal seam mining	YUE Xizhan, TU Min, LI Yingfu, et al	(246)
Experimental study on the uniaxial compressive strength of anchorage body based on crack effect	ZHANG Yong, CUI Li, HU Jiangchun, et al	(253)
Seismic stability analysis of surrounding rocks in deep buried chamber based on Hoek-Brown failure criterion	CUI Jianfeng, WANG Weijun	(260)
Experimental study on elastic stage of secondary stress state of roadway surrounding rock	LI Xiaorui, HOU Gongyu, LYU Wentao, et al	(269)
Distribution laws and control of deviatoric stress of surrounding rock in the coal roadway under intense mining	WANG En, XIE Shengrong, CHEN Dongdong, et al	(276)
Formation mechanism and application of “main control layer - weak layer” composite structure in shallow coal seam	SONG Guijun, ZHANG Bin, FU Xingyu, et al	(286)
Mining rate effect of high-intensity working face based on stress release rate and microseismic monitoring	LI Yang, YANG Tianhong, Hao nai, et al	(295)
Overlying strata fracture and instability process and support loading prediction in deep working face	PANG Yihui, GONG Shixin, LIU Qingbo, et al	(304)
Spatial-temporal characteristics simulation of pore water pressure in aquiclude and roof water inrush	YANG Tao, ZHANG Jie, LIN Haifei, et al	(317)
Experimental study on the while-drilling evaluation of the strength of grouted rock mass	GAO Hongke, WANG Qi, LI Shucui, et al	(326)
Shear mechanical properties and fracture characteristics of slope rocks in open-pit mining	SHI Xuyang, CAI Qingxiang, LI Zhaolin, et al	(334)
Micro-CT analysis of void characteristics at the top of middle ordovician limestone in Hanxing mining area	LIU Zhaoxing, DONG Shuning, NAN Shenghui, et al	(343)
Influence and mechanism of impact load on internal structure of coal samples under bidirectional constraint	ZHAO Hongbao, JI Dongliang, WANG Tao, et al	(353)
Strength and creep characteristics of cemented gangue backfill in acid environment	GUO Yuxia, RAN Hongyu, FENG Guorui, et al	(361)
Numerical inversion of dynamic behavior of fault slip instability induced by stress waves	ZHU Guang'an, JIANG Qipeng, WU Yongping, et al	(370)
Re-crushing characteristics in the compaction process of graded crushed coal rock mass	ZHANG Tianjun, LIU Nan, PANG Mingkun, et al	(380)
Time-dependent creep model of rock based on unsteady fractional order	LIU Wenbo, ZHANG Shuguang, CHEN Lei	(388)
Polygonal line and three-dimensional strength characteristics of white sandstone in dry and water-saturated state	WANG Yunfei, LI Hongjun, JIAO Huazhe, et al	(396)
Mechanism and application of energy dissipation of partition failure in fractured coal rock	XU Dong, DENG Guangzhe, LIU Hua, et al	(404)
Risk of igniting (exploding) gas from coal wall drill boreholes by coal cutting picks' friction against quartz sandstone	SONG Wanxin, YANG Shengqiang, ZHANG Shaohua, et al	(411)
Simulation of attenuation mechanism of negative pressure along the hole length of long boreholes in gas drainage and its influencing factors	XU Chao, WANG Jianwen, DU Chang'ang, et al	(419)