

TABLE OF CONTENTS

目 录

Study on Treatment Technology of Extra Large Mining Height Face Seam in Dahaize Mine (大海则煤矿超大采高工作面片帮治理技术研究)	
J. Y. QIN, Y. M. LIU, Q. H. NIU.....	45
Research on Strata-Pressure Behavior in Gentle Inclined Coal Seam (缓倾斜煤层矿压显现规律的研究)	
Y. S. YANG, D. M. ZHANG, W. D. SUN, S. YANG, X. ZHANG.....	53
Influence Radius Analysis of Gas Drainage by Strata Boreholes (顺层钻孔瓦斯抽采影响半径分析)	
W. D. SUN, S. YANG, Y. S. YANG, X. ZHANG, Y. G. XUE.....	61
Experimental Study on Seepage Properties of Raw Coal under Unloading Confining Pressure (卸围压作用下原煤渗透特性试验研究)	
D. M. ZHANG, Y. S. YANG, S. YANG, W. D. SUN, Y. G. XUE.....	69
Study on the Technology of Stress along the Air Retention Lane in the High Altitude of Great Mining Depth (大采深高地应力沿空留巷技术研究)	
Y. J. LIU, L. J. CAI, S. P. ZHU, H. Y. DONG, S. H. WU, Z. J. LI.....	78
Coal Spontaneous Ignition Identification Model (煤体自然发火判识模型)	
Z. RAO, X. YANG.....	86
Application of Permeability Improved Technology in Low Permeability and Outburst Coal Seam in Baijiao Coal Mine (白皎煤矿低渗强突煤层增透技术应用)	
Z. RAO.....	92
Design of $\Phi 178$ Automatic Vertical Drilling Tool ($\Phi 178$ 自动垂直钻井工具设计)	
Q. GAO, K. SUN, Z. Z. LIU, Y. J. XU, J. YAO, Y. H. YANG.....	100
Application and Research of Airbridge in Xieqiao Coal Mine (风桥在谢桥矿井下的应用与研究)	
R. J. JIN, X. L. WANG, Y. F. LI.....	107

Application and Practice of Gas Water Separation Device in Lutian Coal Mine

(气水分离装置在路天煤矿的应用与实践)

C. CHEN.....115

Study on Characteristics and Anisotropy of Coal Seam Permeability in Zhaoxian Coal Mine, Shanxi

(陕西招贤矿煤层渗透率特征及其各向异性研究)

W. X. WU.....119