

TABLE OF CONTENTS 目 录

The Assessment Criterion and Application of Structural Fractures in Tight Sandstone in the Eastern Kuche Basin

(致密砂岩构造裂缝的评价标准及应用——以库车坳陷东部致密砂岩为例)

H. J. YANG, G. T. HOU, Z. Y. XIAO, S. Y. HUANG, K. X. REN, W. JU, P. ZHANG, W. T. ZHAO, Y. ZHAO...117

A Brief Discussion on Rapid Analysis Method of Gold in Field—Colorimetry

(浅谈野外快速测金方法——比色法)

Q. PEI, F. XIA, S. JIANG, W. B. ZHOU.....125

U-Pb Zircon Dating of the Mesozoic Welded Pyroclastics in the QG2 Well and Its Geological Significance

(QG2 井熔结火山碎屑岩锆石定年及其地质意义)

B. R. SONG, H. D. HAN, P. C. GUO.....131

Study of Fluid-Flow Effects on Seismic Propagation in Fractured Porous Media

(流体流动对孔隙裂缝介质中地震波传播影响研究)

J. LIU, X. C. WEI, T. S. CHEN.....138

Intertidal Heavy Metal Distribution Characteristics and Environmental Effects

from the Luanhe Estuary to Douhe Estuary

(滦河口 - 陡河口潮间带重金属分布特征及其环境效应)

Z. G. ZHANG, C. S. LIU, L. LI, B. C. YUAN, P. ZHANG, X. K. DUAN.....145

***Protanancus tobieni* from the Anwan Section, Qin'an County, Gansu Province**

(甘肃秦安安湾的托氏原互棱齿象(*Protanancus tobieni*)化石及其剖面)

S. Q. WANG, D. Q. WANG, Q. Q. SHI.....150

Stochastic Simulation of Seismic Inversion Technology in the Design of Horizontal Wells Application

(随机模拟地震反演技术在水平井井位设计中的应用)

Z. L. LIU, H. Z. ZHAO.....159

Study on Tunnel Concrete Structure Theoretical Model and Its Characteristics of Radar Reflection

(隧道混凝土结构理论模型及其雷达波反射特征的研究)

C. Q. WANG, H. CHEN.....163

Characteristics of the Frost-Free Season Changes from 1961 to 2009 in Northwest China

(中国西北地区 1961~2009 年无霜期的气候变化特征)

S. Y. CHEN, W. P. LOU, J. H. ZHANG, J. S. WANG.....167

Advance in Research on Diversity of Marinephycovirus

(海洋藻类病毒多样性研究的现状与展望)

Z. R. CHEN, W. ZHENG, T. L. ZHENG.....172