

## TABLE OF CONTENTS

### 目 录

#### **Matters Needing Attention in the Application of Digital Geological Survey System in Large Scale Mineral Exploration**

(大比例尺矿产勘查中应用数字地质调查系统的注意事项)

C. H. WAN, Y. Y. LIU, L. LIU, D. J. HUANG, L. CHENG.....95

#### **Research on Reservoir Heterogeneity of Lower Member of Es2 in the First Block of Shanghe Oilfield in Huimin Sag**

(惠民凹陷商河油田商一区沙二下亚段储层非均质性研究)

X. Q. SONG, J. X. GUO, Q. J. GAO, S. Y. BA, T. SHI.....102

#### **Leakage Risk Evaluation Model for Wells in the Process of CO<sub>2</sub> Storage in Low Permeability Reservoirs**

(低渗透油藏 CO<sub>2</sub> 埋存井筒泄漏风险评估模型)

B. Y. JIA, P. YUE, X. M. KANG, X. H. LEI, M. H. ZHOU.....112

#### **Three-Dimensional Visualization Prediction of the Jinchuan Cu-Ni Sulfide Deposit, Gansu Province**

(甘肃金川铜镍硫化物矿床三维可视化预测)

Q. H. SHANG, X. C. MAO.....121

#### **Law of Natural Gas Enrichment in Second Member of Xujiahe Formation of Penglai Area, Central Sichuan Basin**

(川中蓬莱地区须家河组二段天然气富集规律)

S. TANG, Q. M. CAO, Z. X. LV.....129

#### **Evidences on Petrology, Lithochemistry and Zircon U-Pb Chronology: Volcanism Records in Neoproterozoic Shabahuang Formation in Southern Jiangxi**

(江西赣南新元古代沙坝黄组火山活动记录: 岩石学、岩石地球化学、锆石 U-Pb 年代学证据)

Y. Z. ZHANG, G. F. LIU.....138

#### **Geological Characteristics and Prospecting Prospect of Helong Tungsten Polymetallic Ore Field, Ganxian County, Jiangxi Province**

(江西赣县合龙钨多金属矿田地质特征及找矿远景)

Z. J. LAI, Y. ZHOU, Y. ZENG.....148

#### **Favorable Blocks Optimization of Shale Gas Based on 2D Seismic Surveys in SN, Sichuan Basin**

(四川盆地 SN 地区二维地震勘探页岩气有利区带优选)

B. JIANG, Z. H. FAN, X. YANG, X. J. DENG, X. L. WANG, C. HUANG, L. J. HUANG, S. Y. ZHOU, R. N. LI, D. B. DING.....159

**Source Rocks Evaluation and Hydrocarbon Accumulation in Paleogene of Lufeng Sag, Pearl River Mouth Basin**

(珠江口盆地陆丰凹陷古近系烃源岩评价及油气成藏)

X. K. WANG, J. H. GUO, C. S. LIU, W. YU, Z. H. WANG.....166

**Geophysical Exploration Technology Study of Banded Thermal Reservoir Geothermal Resources in Liaoning Province**

(辽宁地区带状热储型地热资源地球物理勘查技术研究)

L. L. JIANG, Y. X. SHI, Y. X. LI.....177

**Macroscopic and Microscopic Characteristics of Embedded Convections and Rainfall-Increasing Conditions in Stratiform Clouds**

(积层混合云中对流核的宏微观特征和增雨条件研究)

Z. M. KANG, Y. W. SUN, X. B. DONG, X. HU.....183