

MAIN CONTENTS

Evidence for magma mixing in generation of Paleocene Adakites from the Yanji Area, NE China GUO Feng, FAN Wei-ming, LI Chao-wen	1
Sr-Nd-Li isotopic constraints on the origin of EM1 end-member TANG Yan-jie, ZHANG Hong-fu, YING Ji-feng	11
Tissue N contents and isotopic ratios in epilithic mosses indicating N deposition and transport in the atmosphere XIAO Hua-yan, LIU Xue-yan, LIU Cong-qiang	18
Hydrogeochemistry of the water source area of the middle route of China's south to north water transfer project XU Zhi-fang, TANG Yang	26
Rare earth element compositions of the sediments from the major tributaries and the main stream of the Changjiang River YANG Shou-ye, WANG Zhong-bo	31
Laboratory derived constraints on electrical conductivity in the earth's interior WANG Duo-jun, YU Ying-jie, GUO Ying-xing, LIU Zai-yang, LI Dan-yang	40
Compare of the interlayer microstructure and molecular environment of single/double alkyl chains surfactant pillared montmorillonite under dry or wet state ZHU Jian-xi, MA Yue-hong, QING Yan-hong, SHEN Wei, WEI Jing-ming, YUAN Peng, HE Hong-ping	46
Synthesis and application of hydrophobic TiO <sub>2</sub> pillared clay modified by non-ionic surfactant AN Tai-cheng, DING Xue-jun, CHEN Jiang-yao, LI Gui-ying, CHEN Jia-xin, FU Jia-mo, SHENG Guo-ying	53
Technical methods of evaluation of near-surface disposal of very low level radioactive waste TENG Yan-guo, ZUO Rui, WANG Jin-sheng	59
Determination of 22 elements in iron, copper, zinc, and lead sulphide ores by ICP-AES with four acids digestion MA Sheng-feng, WEN Hong-li, MA xin-rong, WANG Lei, GONG Ai-hua, CAO Ya-ping, QU Wen-jun	65
Formation age of the Luziyuan lead-zinc deposit in zhengkang, Yunnan ZHU Fei-lin, TAO Yan, HU Rui-zhong, LIAO Ming-yang, WANG Yin-xi, LI Yu-bang	73
Fluid inclusion characteristics of chang 6—chang 8 reservoirs in the triassic Yanchang formation of the Yichuan-Xunyi area TIAN Ya-ming, SHI Ze-jin, SONG Jiang-hai, QI Ya-lin, WU Xiao-ming, GAO Xiang, ZOU Yong-dong	80
Isotope Compositions of Carbon, Oxygen and Sulfur in the Shazijiang granite-hosted uranium ore deposit, northern Guangxi, China and their genetic significance SHI Shao-hua, HU Rui-zhong, WEN Han-jie, SUN Ru-liang, WANG Jia-sheng, CHEN Heng	88
The distribution characteristics of n-alkanes mole concentration in the crude oils of the Central Tarim Basin Platform and its geochemistry Applications LI Bi, HUANG Guang-hui, XU Yang-dong, TANG Xiao-qiang, HAN Jin-ping	97
Review of the CO <sub>2</sub> -water-rock interaction in reservoir ZHU Zi-han, LI Ming-yuan, LIN Mei-qin, PENG Bo, SUN Liang	104
Technology status of extracting bitumen from oil sand using hot alkaline water LUO Mao, GENG An-song, LIAO Ze-wen	113