

**MAIN CONTENTS**

Dynamic magmatic system and geosphere interactions <i>WANG Xiao-lei</i> .....	965
Geodynamics of intraplate magmatism in subducting plate <i>DAN Wei, WANG Qiang, MA Lin, TANG Gong-jian, ZHANG Xiu-Zheng</i> .....	976
Genesis and significances of high-temperature crystallization domains in acidic eruptive rocks <i>MA Qiang, GUO Jian-fang, ZHENG Jian-ping</i> .....	988
The change of crustal anatetic conditions for granitic magmatism from Eocene and Miocene in the Himalayan orogen: Geochemical evidences of granites <i>GAO Peng, WANG Yan, YIN Chang-qing, ZHANG Jian, QIAN Jia-hui</i> .....	998
Magma reservoirs in the crust <i>LI Zhen-xin, ZHANG Shao-bing</i> .....	1017
Mush rejuvenation in silicic magmatic systems and its petrological records <i>YAN Li-li, HE Zhen-yu, LU Tian-yu</i> .....	1028
Large-scale magmatic activities and their constraints on genesis of greenhouse during Phanerozoic Eon <i>ZHANG Shao-hua, JI Wei-qi, CHEN Hou-bin, XU Qiang, WU Fu-yuan</i> .....	1042
Petrogenesis of episodic Cretaceous volcanic-intrusive rocks in the Kuangshan-Yandangshan calderas in the eastern Zhejiang <i>WANG Xue-ying, XU Xi-sheng, ZHAO Kai</i> .....	1062
Progress and prospect for researches of podiform chromite deposits in ophiolite <i>RUAN Tao, [ZHONG Hong], BAI Zhong-jie, ZHU Wei-guang</i> .....	1078
Alkaline magma system related to the REE-HFSE mineralization <i>ZHOU Jin-sheng, LI Wu-fu, WANG Qiang, WANG Bing-zhang, WANG Tao, MA Lin</i> .....	1101
The constraints of Late Cretaceous magmatism in the Northeast Asia continental margin on temporal changes of the subduction of paleo-Pacific plate and its climatic effects <i>ZHANG Si-wen, WANG Feng, XU Wen-liang, TANG Jie, XIONG Shuai, YANG De-bin</i> .....	1114
Reworking of continental crust and the large-scale Cu and W mineralization in the northern Jiangxi part of the Jiangnan Orogen <i>LYU Xin-he, WANG Guo-guang, NI Pei</i> .....	1132
The geochemical characteristics of biotites of granites in the northern Thailand and their constraints on the granite-related tin mineralization <i>ZHANG Bo, LIU Liang, YANG Jie-hua, [ZHONG Hong], MAO Wei, FU Ya-zhou, ZHANG Xing-chun</i> .....	1150
Study on mechanisms of migration and speciation transformation of cadmium in soil profiles in a typical karst area <i>LUO Chao, LONG Jian, LIU Cheng-shuai, GAO Ting, NING Zeng-ping, SONG Chang-shun, LIU Yi-zhang</i> .....	1164
Fluid inclusion characteristics and provenance analysis of the MIS6 stage sediments in the Yangtze shoal <i>HUANG Xiao, GE Chen-dong, YIN Yong, JI Zhen-qi, DING Jun-ying</i> .....	1173
Simultaneous determination of bromine and iodine in underground water by inductively coupling plasma-mass spectrometry <i>YU Ting-ting, MA Sheng-feng, WANG Lei, ZHANG Xin</i> .....	1182
Deep learning molecular dynamics simulation of iron under the temperature and pressure of the Earth's core <i>YANG Jun-yi, HE Yu, SUN Shi-chuan</i> .....	1188