

地质学报, 2011 年, 第 85 卷, 总目次

第 1 期

印度-亚洲碰撞大地构造 ..... 许志琴, 杨经绥, 李海兵, 嵇少丞, 张泽明, 刘焰 (1)

青藏高原东北部基底卷入型褶皱的形成机制探讨—以西宁盆地小峡背斜为例 ... 张进, 马宗晋, 程鸿毅, 李岩峰, 任文军 (34)

雅鲁藏布江缝合带中段构造特征及成因模式新见解 ..... 孙东, 王道永 (56)

挤压和剪切构造环境下深埋隧道岩爆的对比研究 ..... 郭长宝, 张永双, 孙东生, 岳鹏, 熊探宇, 蔡海兵, 鲍召杰 (66)

河北金厂峪金矿控矿构造特征与成矿物质来源 ..... 宋扬, 王瑞江, 胡建中, 谭应佳, 石成龙, 王涛 (78)

鄂东丰山矿田花岗闪长斑岩体锆石 SHRIMP U-Pb 定年及其意义 ..... 陈富文, 梅玉萍, 李华芹 (88)

渤海湾盆地南堡大油田的形成条件与富集机制 ... 朱光有, 张水昌, 王拥军, 王政军, 郑红菊, 熊英, 董月霞, 王旭东, 张斌 (97)

内蒙古克什克腾旗广兴源复式岩体 SHRIMP U-Pb 定年及地质意义讨论 ..... 江小均, 柳永清, 彭楠, 石玉若, 许欢, 魏文通, 刘增校, 赵华平, 姚宝钢 (114)

南极格罗夫山陨石 GRV 020043—一个特殊的 E/H 过渡型球粒陨石 ... 李世杰, 王世杰, 刘燊, 李雄耀, 唐红, 李芃 (129)

广西北海市海城区西段含水层海水入侵地球化学过程研究 ..... 姚锦梅, 周训, 谢朝海 (136)

湖南台地泥盆纪末绝灭事件后的微生物沉积 ..... 侯鸿飞, 周怀玲, 刘建波 (145)

第 2 期

柴达木盆地东部基底花岗岩类岩浆活动的化学地球动力学 ..... 陈宣华, 尹安, George GEHRELS, 李丽, 蒋荣宝 (157)

青藏高原中东部古近纪盆地封闭的构造-沉积-岩浆活动和古气候响应 ..... 周江羽, 王江海, B. K. HORTON, An YIN, M. S. SPURLIN (172)

塔里木盆地塔中隆起盐相关断裂发育特征 ..... 余一欣, 黄太柱, 汤良杰, 陈绪云 (179)

东昆仑南缘阿尼玛卿构造带布青山地区两期蛇绿岩的 LA-ICP-MS 锆石 U-Pb 定年及其构造意义 ..... 刘战庆, 裴先治, 李瑞保, 李佐臣, 张晓飞, 刘智刚, 陈国超, 陈有炘, 丁仁平, 郭俊锋 (185)

松潘—甘孜南部放马坪-三岩龙花岗岩的成因及其构造意义 ..... 袁静, 肖龙, 万传辉, 高睿 (195)

江西北武夷山高家山铜钼矿含矿岩体的特征与锆石 U-Pb 年代学研究 ..... 曹圣华, 唐峰林, 黄新曙, 邱文江, 袁振国 (207)

内蒙古敖伦花斑岩铜钼矿床花岗岩类地质地球化学特征 ..... 邹滔, 王京彬, 王玉往, 袁继明, 林龙军, 窦金龙 (213)

新疆西准噶尔布龙果尔古油藏的发现及其石油地质意义 ..... 匡立春, 齐雪峰, 王绪龙, 任江玲, 唐勇, 潘立君 (224)

塔里木盆地西北缘寒武系中热水白云石团块特征及成因研究 ..... 张军涛, 胡文瑄, 王小林, 钱一雄, 吴世祥 (234)

川东地区黄龙组层序-岩相古地理特征 ..... 陈浩如, 郑荣才, 文华国, 李伟, 陈方敏, 张海杰, 王炯 (246)

库车坳陷白垩系砂岩储层石英溶蚀非均质性特征及其主控因素 ..... 韩登林, 李忠, 李维锋 (256)

不同纬度地区植物中正构烷烃及其同位素组成 ..... 段毅, 吴保祥, 徐丽, 张晓莉, 何金先 (262)

云南省中西部红色风化壳中钼族元素分布特征 ..... 刘英超, 杨竹森, 田世洪, 于玉帅 (272)

湘江入湖河段沉积物重金属污染及其 Pb 同位素地球化学示踪 ..... 彭渤, 唐晓燕, 余昌训, 谭长银, 涂湘林, 刘茜, 杨克苏, 肖敏, 徐婧喆 (282)

萨拉乌苏河流域 MGS1 层段微量元素记录的全新世千年尺度的气候变化 ..... 牛东风, 李保生, 温小浩, 杜恕环, 李志文, 王丰年, 司月君, 欧先交 (300)

第 3 期

汶川 8.0 级地震断层同震位移的构造意义与运动学模型 ..... 郭进京, 韩文峰, 李雪峰, 刘寒鹏 (309)

金川超基性岩体形态演变对矿区构造的制约 ..... 汪劲草, 汤静如 (323)

辉南新生代玄武岩中橄榄岩捕虏体矿物化学与华北岩石圈地幔演化 ..... 鲁江姑, 郑建平 (330)

高温高压下岩石电导率不同测量方法的实验对比——以二辉橄榄岩为例 ..... 龚超颖, 刘永刚, 李朋, 范大伟, 魏舒怡, 谢鸿森 (343)

赣杭构造带金衢盆地燕山期基性脉岩地球化学特征及成因探讨 ..... 齐有强, 胡瑞忠, 刘燊, 冯彩霞, 田建吉, 冯光英, 王涛 (354)

湘东北幕阜山含绿帘石花岗闪长岩岩浆的上升速率: 岩相学和矿物化学证据 ..... 邹慧娟, 马昌前, 王连训 (366)

关于“辽宁北票兴隆沟火山岩的野外产状、岩石成因及地质意义”一文的辩正 ..... 邵济安, 杨蔚 (379)

青海囊谦古近纪盆地沉积特征及沉积环境分析 ..... 杜后发, 姜勇彪, 严兆彬, 侯增谦, 杨天南, 郭福生, 杨庆坤 (383)

新疆阿尔泰蒙库铁床的辉钼矿 Re-Os 年龄及意义 ... 杨富全, 张志欣, 屈文俊, 耿新霞, 吕书君, 柴凤梅, 姜丽萍, 刘锋 (396)

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| 粤北石英脉型钨多金属矿床中钨锡铋银钼的赋存状态研究 ..... | 王小飞, 戚华文, (405)                                 |
| 云南个旧锡矿山地质环境模型 .....             | 王启亮, 吕义清, 初娜, 员孟超, 赵元艺 (422)                    |
| 柴达木盆地大浪滩地区表层芒硝的形成时代及环境意义 .....  | 马妮娜, 郑绵平, 马志邦, 陈文西, 孔凡晶, 施林峰 (433)              |
| 若干地区出土部分商周青铜器的矿料来源研究 .....      | 魏国锋, 秦颖, 王昌燧, 刘博, 杨立新, 徐天进, 张国茂, 龚长根, 谢尧亭 (445) |

第 4 期

|                                                            |                                              |
|------------------------------------------------------------|----------------------------------------------|
| 辽西义县组碳酸盐岩夹层及其环境意义 .....                                    | 巩恩普, 陈登辉, 梁俊红, 张永利 (459)                     |
| 塔里木盆地东北部新元古代花岗岩岩浆活动及地质意义 .....                             | 罗金海, 车自成, 张小莉, 韩伟, 张国锋, 年秀清 (467)            |
| 广西钦甲花岗岩体单颗粒锆石 LA-ICP-MS U-Pb 定年及其地质意义 .....                | 王永磊, 王登红, 张长青, 侯可军, 王成辉 (475)                |
| 四川省会理县河口地区辉绿岩体的锆石 SHRIMP U-Pb 年龄及其地质意义 .....               | 关俊雷, 郑来林, 刘建辉, 孙志明, 程万华 (482)                |
| 吉林辉南幔源橄榄岩流变学与组构特征及其动力学启示 .....                             | 干微, 金振民, 王根厚, 徐海军 (491)                      |
| 新疆西天山查汗萨拉金矿床流体包裹体特征及稳定同位素研究 .....                          | 罗小平, 薛春纪, 李建全, 王伟, 李天虎, 彭桥梁, 田海 (505)        |
| 宁夏香山群徐家圈组基本沉积单元 .....                                      | 李向东, 何幼斌, 罗进雄, 李华, 郑昭昌 (516)                 |
| 中上扬子地区早古生代烃源岩沉积环境与油气勘探 .....                               | 牟传龙, 周恩恩, 梁薇, 葛祥英 (526)                      |
| 鄂尔多斯盆地神木气田太原组沉积特征与演化 .....                                 | 兰朝利, 张君峰, 陶维祥, 张永忠, 杨明慧, 王金秀 (533)           |
| 安徽无为—巢湖地区中下二叠统碳酸盐岩成岩作用 .....                               | 杜叶龙, 李双应, 王冰, 赵大千, 杨栋栋 (543)                 |
| 火山岩风化体储层控制因素研究——以三塘湖盆地石炭系卡拉岗组为例 .....                      | 侯连华, 王京红, 邹才能, 张光亚, 王志勇, 杨春, 林潼 (557)        |
| 矿物润湿性对储层烃类包裹体形成制约的实验研究 .....                               | 陈勇, 葛云锦, 周振柱, 毛鑫 (569)                       |
| 鄂西长阳南华系地球化学特征的气候指示意义及地层对比 .....                            | 赵小明, 刘圣德, 张权绪, 吴健辉, 曾波夫, 廖宗明, 杨刚忠, 李方会 (576) |
| 鄂尔多斯白垩系盆地地下水的形成与演化: 来自 Cl 及其同位素 <sup>36</sup> Cl 的证据 ..... | 杨郧城, 沈照理, 文冬光, 侯光才, 王冬, 余宏全, 李进文 (586)       |
| 黄河水氢、氧同位素组成的空间变化特征及其环境意义 .....                             | 高建飞, 丁悌平, 罗续荣, 田世洪, 王怀柏, 李明 (596)            |

第 5 期

|                                                                        |                                                                  |
|------------------------------------------------------------------------|------------------------------------------------------------------|
| 矿床学研究的历史观 .....                                                        | 翟裕生, 王建平 (603)                                                   |
| 论长江中下游成矿动力学 .....                                                      | 董树文, 马立成, 刘刚, 薛怀民, 施炜, 李建华 (612)                                 |
| 安徽省庐枞与滁州盆地火山岩岩石学特征与 Fe-Cu 成矿的关系 .....                                  | 邓晋福, 刘翠, 冯艳芳, 戴圣潜, 杜建国, 吴明安, 童劲松, 周肃, 苏尚国, 吴宗絮, 姚孝德, 吴雪峰 (626)   |
| 华南地区钦杭成矿带地质特征和矿床时空分布规律 .....                                           | 毛景文, 陈懋弘, 袁顺达, 郭春丽 (636)                                         |
| 安徽铜陵冬瓜山大型铜矿: 海底喷流-沉积与矽卡岩化叠加复合成矿过程 .....                                | 侯增谦, 杨竹森, 吕庆田, 曾普胜, 谢玉玲, 蒙义峰, 田世洪, 徐文艺, 李红阳, 姜章平, 王训成, 姚孝德 (659) |
| 长江中下游成矿带深部铁矿找矿的思考 .....                                                | 杜建国, 常丹燕 (687)                                                   |
| 安徽沿江地区中生代原地和异地矽卡岩岩浆-热液成矿作用 .....                                       | 杜杨松, 曹毅, 张智宇, 庞振山, 李大鹏 (699)                                     |
| 长江中下游成矿带火山岩盆地的成岩成矿作用 .....                                             | 周涛发, 范裕, 袁峰, 张乐骏, 马良, 钱兵, 谢杰 (712)                               |
| 安徽铜陵狮子山矿田铜、金共生与分离的热力学研究 .....                                          | 徐晓春, 楼金伟, 谢巧勤, 肖秋香, 梁建锋, 褚平利 (731)                               |
| 长江中下游成矿带铜多金属矿床中灰泥丘的发现及其意义——以武山和冬瓜山铜矿为例 .....                           | 蒋少涌, 丁清峰, 杨水源, 朱志勇, 孙明志, 孙岩, 边立曾 (744)                           |
| 长江中下游铜陵及邻区中生代中酸性侵入岩地球化学特征及其深部岩浆作用探讨 .....                              | 孟祥金, 吕庆田, 杨竹森, 徐文艺 (757)                                         |
| 长江中下游转换构造结与区域成矿背景分析 .....                                              | 宋传中, 张华, 任升莲, 李加好, Lin Shoufa, 涂文传, 张妍, 王中 (778)                 |
| 安徽省庐江县泥河铁硫矿床地质特征及成因初步分析 .....                                          | 赵文广, 吴明安, 张宜勇, 王克友, 范裕, 汪龙云, 魏国辉, 车英丹 (789)                      |
| 安徽庐江泥河铁矿的发现及意义 .....                                                   | 吴明安, 汪青松, 郑光文, 蔡晓兵, 杨世学, 狄勤松 (802)                               |
| 宁芜盆地玢岩型铁矿床的成矿时代: 金云母 <sup>40</sup> Ar- <sup>39</sup> Ar 同位素年代学研究 ..... | 范裕, 周涛发, 袁峰, 张乐骏, 钱兵, 马良, 谢杰, 杨西飞 (810)                          |
| 宁芜盆地花岗岩类的锆石 U-Pb 年龄、同位素特征及其意义 .....                                    | 袁峰, 周涛发, 范裕, 张乐骏, 马良, 钱兵 (821)                                   |

|                                             |                                  |
|---------------------------------------------|----------------------------------|
| 宁芜盆地陶村铁矿床磷灰石的 LA-ICP-MS 研究 .....            | 张乐骏, 周涛发, 范裕, 袁峰, 钱兵, 马良 (834)   |
| 铜陵舒家店岩体的年代学和地球化学特征研究 .....                  | 王世伟, 周涛发, 袁峰, 范裕, 吕玉琢 (849)      |
| 介绍大型矿集区的一种富集模式: 多重圈闭等温场模式——以铜陵狮子山矿田为例 ..... | 储国正 (862)                        |
| 庐枞矿集区大地电磁探测及电性结构初探 .....                    | 肖晓, 汤井田, 周聪, 吕庆田 (873)           |
| 复杂金属矿体地震波正演模拟研究——以庐枞盆地罗河、泥河和大包庄矿床为例 .....   | 廉玉广, 吕庆田, 韩立国, 赵金花 (887)         |
| 基于重磁多尺度边缘检测的长江中下游成矿带构造格架研究 .....            | 严加永, 吕庆田, 孟贵祥, 赵金花, 邓震, 刘彦 (900) |
| 井地大地电磁非线性共轭梯度二维反演研究 .....                   | 张昆, 魏文博, 吕庆田, 金胜 (915)           |

第 6 期

|                                                       |                                                  |
|-------------------------------------------------------|--------------------------------------------------|
| 与天山造山带大地构造解释相关的两个地层问题 .....                           | 廖卓庭, 陈中强, 刘陆军 (925)                              |
| 山东灵山岛晚中生代滑塌沉积层的发现及区域构造意义初探 .....                      | 吕洪波, 王俊, 张海春 (938)                               |
| 天池天文峰全新世火山喷发物长石表面硅膜特征及意义 .....                        | 张秉良, 于红梅, 赵波, 许建东, 史兰斌, 盘晓东 (947)                |
| 黔东南石英脉型金矿毒砂 Re-Os 同位素定年及其地质意义 .....                   | 王加昇, 温汉捷, 李超, 丁伟, 张锦让 (955)                      |
| 皖南天井山金矿床地质-地球化学特征及找矿前景 .....                          | 段留安, 杨晓勇, 孙卫东, 方世明, 余良范, 范增平 (965)               |
| 鄂尔多斯盆地东南部二叠系物源分析 .....                                | 屈红军, 马强, 高胜利, 梅志超, 苗建宇 (979)                     |
| 辽西上白垩统义县组湖相碳酸盐岩碳氧稳定同位素组成及其沉积环境 .....                  | 陈登辉, 巩恩普, 梁俊红, 陈晓红 (987)                         |
| 中扬子地区中二叠统沉积及古地理特征 .....                               | 万秋, 李双应 (993)                                    |
| 基于沉积相反演的砂砾岩体沉积期次精细划分与对比——以东营凹陷盐家地区古近系沙四段上亚段为例 .....   | 李存磊, 张金亮, 宋明水, 史超群, 石宁, 刘婷 (1008)                |
| 断陷湖盆萎缩期浅水三角洲沉积演化与沉积模式——以东营凹陷牛庄洼陷古近系沙三段上亚段和沙二段为例 ..... | 赵伟, 邱隆伟, 姜在兴, 陈妍 (1019)                          |
| 辽河双台子构造带沙三段主要的沉积相类型与成因分析 .....                        | 耳闻, 牛嘉玉, 顾家裕, 衣丽萍, 李国平, 刘海涛, 李晓光, 康武江, 刘宝 (1028) |
| 东海内陆架 EC2005 孔沉积物粒度分形特征 .....                         | 徐方建, 李安春, 李铁刚, 陈世悦, 邱隆伟, 操应长, 林承焰 (1038)         |
| 木栓质的菌解-热模拟实验特征及木栓质体的成烃演化机制 .....                      | 张科, 姚素平, 胡文瑄, 焦堃, 李苗春 (1045)                     |
| 兰州-民和盆地八盘峡剖面河口群沉积物色度纪录的 140.66~124.19 Ma 间气候变化 .....  | 戴霜, 刘俊伟, 张明震, 黄永波, 孔立, 赵杰, 刘学, 朱强 (1058)         |
| 征稿简则 .....                                            | (1068)                                           |

第 7 期

|                                                                          |                                                      |
|--------------------------------------------------------------------------|------------------------------------------------------|
| 月球上的水: 探测历程与新的证据 .....                                                   | 郑永春, 张锋, 付晓辉, 邹永廖, 欧阳自远 (1069)                       |
| 气体(CH <sub>4</sub> 、H <sub>2</sub> S、CO <sub>2</sub> 等)在水溶液中的溶解度模型 ..... | 段振豪, 卫清 (1079)                                       |
| 胶东西北部金矿集中区深部控矿构造探讨 .....                                                 | 牛树银, 孙爱群, 张建珍, 马宝军, 王宝德, 陈超, 张福祥, 刘成, 张晓飞 (1094)     |
| 青海西部祁漫塔格地区矽卡岩型铁铜多金属矿床的矽卡岩类型和矿物学特征 .....                                  | 丰成友, 赵一鸣, 李大新, 刘建楠, 肖晔, 李国臣, 马圣钞 (1108)              |
| 喜马拉雅东构造结地区雅鲁藏布江蛇绿岩地质年代学研究 .....                                          | 耿全如, 彭智敏, 张璋 (1116)                                  |
| 活动大陆边缘花岗岩类演化——以福州复式岩体为例 .....                                            | 林清茶, 程雄卫, 张玉泉, 汪方跃 (1128)                            |
| 华北克拉通南缘熊耳群眼窝寨组次火山岩岩石地球化学与年代学研究及其意义 .....                                 | 柳晓艳, 蔡剑辉, 阎国翰 (1134)                                 |
| 长江中下游成矿带九瑞矿集区(北部)含矿岩体的锆石 U-Pb 定年及其地质意义 .....                             | 陈志洪, 邢光福, 郭坤一, 曾勇, 匡福祥, 贺振宇, 柯学, 余明刚, 赵希林, 张勇 (1146) |
| 宁芜盆地凹山铁矿床辉长闪长玢岩和花岗闪长斑岩的锆石 U-Pb 年龄及其地质意义 .....                            | 段超, 毛景文, 李延河, 侯可军, 袁顺达, 张成, 刘佳林 (1159)               |
| 豫西铁炉坪银铅矿床矿脉构造解析及近矿蚀变岩绢云母 <sup>40</sup> Ar- <sup>39</sup> Ar 年龄测定 .....   | 高建京, 毛景文, 陈懋弘, 叶会寿, 张继军, 李永峰 (1172)                  |
| 赣南晚侏罗世九龙脑钨锡铅锌矿集区不同成矿类型花岗岩年龄、地球化学特征对比及其地质意义 .....                         | 郭春丽, 陈毓川, 黎传标, 陈郑辉, 楼法生 (1188)                       |
| 长江中下游庐江-枞阳矿集区龙桥铁矿成矿时代研究 .....                                            | 马立成, 董树文, 仲玉斌, 张千明, 高昌生 (1206)                       |
| 长江中下游地区玢岩型铁矿床资源储量估算研究 .....                                              | 张明明, 周涛发, 袁峰, 李晓晖, 李修钰, 贾蔡 (1215)                    |

|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| 安徽铜陵冬瓜山铜矿床的叠加改造成矿机制: 来自矿石结构的证据 ..... | 郭维民, 陆建军, 章荣清, 招湛杰, 徐兆文 (1223)                        |
| 羌塘盆地泉水地球化学特征及其意义 .....               | 张志攀, 祝有海, 苏新 (1233)                                   |
| 渤海湾西岸几种地球化学的环境指标 .....               | 岳军, Dong yue, 张宝华, 牟林, 王国明, 陈安蜀, 袁宝印, 刘景兰, 魏俊浩 (1239) |

第 8 期

|                                                       |                                            |
|-------------------------------------------------------|--------------------------------------------|
| 峨眉地幔柱构造对四川盆地栖霞期沉积格局的影响 .....                          | 张廷山, 陈晓慧, 刘治成, 魏国齐, 杨巍, 闵华军, 张奇, 杨雨 (1251) |
| 二连盆地早燕山期构造体制及原型盆地推测 .....                             | 崔永谦, 童亨茂, 李先平, 刘震, 张洪波, 杜长江 (1265)         |
| 粤北热水岩体 SHRIMP 锆石 U-Pb 年龄及地球化学特征研究 .....               | 邓平, 凌洪飞, 沈渭洲, 孙立强, 朱捌, 黄国龙, 谭正中 (1274)     |
| 南秦岭略阳鱼洞子岩群磁铁矿石英岩形成时代的锆石 U-Pb 年代学约束 .....              | 王洪亮, 徐学义, 陈隽璐, 闫臻, 李婷, 朱涛 (1284)           |
| 西藏班公湖-怒江成矿带西段富铁矿与铜(金)矿 C、Si、O、S 和 Pb 同位素特征及地质意义 ..... | 吕立娜, 赵元艺, 宋亮, 田毅, 辛洪波 (1291)               |
| 中国南天山晚石炭世一早二叠世花岗质侵入岩的岩石成因与地壳增生 .....                  | 黄河, 张招崇, 张东阳, 杜红星, 马乐天, 康建丽, 薛春纪 (1305)    |
| 西昆仑中新世晚期—上新世早期隆升活动的沉积记录: 来自塔西南棋北 3 井沉积物重矿物的证据 .....   | 雷刚林, 廖林, 师俊, 杜治利, 罗俊成, 程晓敢, 陈汉林 (1334)     |
| 藏南江孜县白沙地区宗卓混杂岩: 岩石组成与物源区分析 .....                      | 孙高远, 胡修棉, 王建刚 (1343)                       |
| 渤海湾沿岸晚第四纪地层划分及地质意义 .....                              | 胥勤勉, 袁桂邦, 张金起, 秦雅飞 (1352)                  |
| 西太平洋暖池核心区 Ontong Java 海台古菌多样性研究 .....                 | 春梅, 萨仁高娃, 李保华, 李铁刚, 莫内, 于心科 (1368)         |
| 松辽盆地长垣以西高台子油层沉积特征与油气分布规律 .....                        | 杨玉芳, 韩云洁, 钟建华, 周永炳, 陈志鹏 (1377)             |
| 巴丹吉林沙漠高大沙山粒度成分与沙山形成 .....                             | 赵景波, 张冲, 董治宝, 邵天杰, 李恩菊 (1389)              |

第 9 期

|                                                         |                                                |
|---------------------------------------------------------|------------------------------------------------|
| 从亚洲 S 波波速结构看地幔流体运动特征 .....                              | 杨文采, 于常青 (1399)                                |
| 大巴山前陆弧形构造的成因: 来自砂箱实验的认识 .....                           | 王瑞瑞, 张岳桥, 解国爱, 许怀智 (1409)                      |
| 中天山东段尾亚印支早-中期石英闪长岩——陆内俯冲与原生下陆壳部分熔融 .....                | 张遵忠, 顾连兴, 吴昌志, 翟建平, 汪传胜, 唐俊华, 肖娥 (1420)        |
| 新疆北天山黄山东含铜镍矿镁铁-超镁铁岩体的岩石成因: 主量元素、微量元素和 Sr-Nd 同位素证据 ..... | 邓宇峰, 宋谢炎, 颜炜, 程松林, 李军 (1435)                   |
| 滩间山群的重新厘定——来自柴达木盆地周缘玄武岩年代学和地球化学证据 .....                 | 高晓峰, 校培喜, 贾群子 (1452)                           |
| 江苏东海片麻状碱性花岗岩地质地球化学及其年代学研究——以驼峰、牛山两地为例 .....             | 夏斌, 王敏, 张玉泉, 李建峰, 黄强太, 王洪, 刘立文, 李贺, 董春艳 (1464) |
| 烟曲霉对蛇纹石和橄榄石风化作用的试验研究 .....                              | 姚敏杰, 连宾 (1477)                                 |
| 山西耿庄黄铁矿晶须形貌的显微观测及其标型意义 .....                            | 黄菲, 寇大明, 宋丹, 王永钱, 成秋明, 高文元, 谭伟 (1486)          |
| 冀东-辽西主要金矿矿集区地质特征的差异性与成矿作用的统一性探析 .....                   | 贾三石, 王恩德, 付建飞, 宋建潮, 席晓凤 (1493)                 |
| 凤凰山矿田成矿地质体三维结构与控矿地质因素分析 .....                           | 毛先成, 唐艳华, 赖健清, 邹艳红, 陈进, 彭省临, 邵拥军 (1507)        |
| 各向异性矿化特征的分析与模拟及其在储量估算中的应用 .....                         | 金毅, 郑德顺, 潘懋, 张璐 (1519)                         |
| 河北平原土壤有机碳含量的变化 .....                                    | 栾文楼, 宋泽峰, 李随民, 崔邢涛 (1528)                      |
| 漠河多年冻土区天然气水合物的形成条件及成藏潜力研究 .....                         | 赵省民, 邓坚, 李锦平, 陆程, 宋健 (1536)                    |

第 10 期

|                                                        |                                                           |
|--------------------------------------------------------|-----------------------------------------------------------|
| 试论西藏南部上三叠统复理石郎杰学群与涅如组 .....                            | 李祥辉, 王尹, 徐文礼, 孙勇, 孔庆友, 曾庆高, 谢饶武, 毛国政, 尼玛次仁, 周勇, 刘玲 (1551) |
| 伸展断层相关褶皱的几何学分析及其在车镇凹陷中的应用 .....                        | 苏金宝, 朱文斌, 贾东, 韩彦峰, 王志强 (1563)                             |
| 云南六合正长斑岩中花岗岩包体锆石 U-Pb 定年及其地质意义 .....                   | 赵甫峰, 刘显凡, 卢秋霞, 楚亚婷, 李春辉, 宋祥峰, 蔡飞跃, 吴冉, 肖继雄 (1574)         |
| 来自东南极西福尔丘陵附近冰碛物中沉积岩砾石的碎屑锆石 LA-ICP-MS U-Pb 年龄及其意义 ..... | 刘健, 赵越, 刘晓春, 崔建军 (1585)                                   |
| 黄河水及其悬浮物硅同位素组成的变化特征及其地质环境意义 .....                      | 高建飞, 丁梯平, 田世洪, 王怀柏, 李明 (1613)                             |
| 豫西雷门沟斑岩钼矿床成矿流体特征及其地质意义 .....                           | 陈小丹, 叶会寿, 毛景文, 汪欢, 褚松涛, 程国祥, 刘彦伟 (1629)                   |
| 华南燕山晚期构造-岩浆事件与成矿作用——来自广西大瑶山龙头山金矿床的地球化学约束 .....         | 段瑞春, 凌文黎, 李青, 陈子万, 杨红梅, 刘立芬 (1644)                        |

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| 鄂尔多斯盆地镇泾区块上三叠统延长组砂岩中绿泥石矿物特征 .....  | 张霞, 林春明, 陈召佑 (1659)                     |
| 四川盆地陆相碎屑岩油气圈闭分布特征及成因机制 .....       | 金文正, 万桂梅, 王俊鹏, 白万奎 (1672)               |
| 鄂尔多斯盆地中—晚三叠世事件沉积对印支运动 I 幕的指示 ..... | 陈安清, 陈洪德, 侯明才, 楼章华, 徐胜林, 李洁, 苏中堂 (1681) |
| 影响高演化泥岩盖层封闭性的主控因素分析 .....          | 李双建, 沃玉进, 周雁, 刘伟新 (1691)                |
| 征稿简则 .....                         | (1698)                                  |

第 11 期

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| 遥感地质勘查技术与应用研究 .....      | 王润生, 熊盛青, 聂洪峰, 梁树能, 齐泽荣, 杨金中, 闫柏琨, 赵福岳, 范景辉, 童立强, 林键, 甘甫平, 陈微, 杨苏明, 张瑞江, 葛大庆, 张晓坤, 张振华, 王品清, 郭小方, 李丽 (1699) |
| 地球物理勘查技术与应用研究 .....      | 袁桂琴, 熊盛青, 孟庆敏, 周锡华, 林品荣, 王书民, 高文利, 徐明才, 史大年, 李秋生 (1744)                                                     |
| 地质钻探技术与应用研究 .....        | 冉恒谦, 张金昌, 谢文卫, 张永勤, 宋志彬, 向军文, 刘凡柏, 冯起赠, 鄢泰宁, 贾美玲, 陶士先, 胡继良 (1806)                                           |
| 油气勘探新技术与应用研究 .....       | 何文渊, 郝美英 (1823)                                                                                             |
| 基于 GIS 的固体矿产资源潜力评价 ..... | 黄文斌, 肖克炎, 丁建华, 李楠 (1834)                                                                                    |
| 地球化学勘查新技术与应用研究 .....     | 杨少平, 弓秋丽, 文志刚, 张华, 孙忠军, 朱立新, 周国华, 成杭新, 王学求 (1844)                                                           |
| 无机多元素现代仪器分析技术 .....      | 李冰, 周剑雄, 詹秀春 (1878)                                                                                         |
| 同位素地质年龄测定技术及应用 .....     | 陈文, 万渝生, 李华芹, 张宗清, 戴樟谟, 施泽恩, 孙敬博 (1917)                                                                     |
| 环境有机污染物检测技术及应用 .....     | 饶竹 (1948)                                                                                                   |

第 12 期

|                                                 |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| 云南怒江河谷新近纪砾石层与堰塞湖相沉积的发现及其意义 .....                | 赵希涛, 吴中海, 叶培盛, 全亚博, 胡道功 (1963)                        |
| 塔里木盆地东南缘阿克塔什塔格地区古元古代精细年代格架的建立及其地质意义 .....       | 辛后田, 赵凤清, 罗照华, 刘永顺, 万渝生, 王树庆 (1977)                   |
| 豫西二郎坪地区 O 型埃达克岩的厘定及其地质意义 .....                  | 郭彩莲, 陈丹玲 (1994)                                       |
| 银根-额济纳旗盆地苏红图坳陷早白垩世火山岩幔源特征 .....                 | 钟福平, 钟建华, 由伟丰 (2003)                                  |
| 西秦岭造山带徽成盆地早白垩世地层物源综合分析 .....                    | 张英利, 王宗起 (2014)                                       |
| 岭南东江流域碧寿洞哺乳动物化石再研究 .....                        | 彭培欣, 李保生, 边戈果, 何劲, 温小浩, 陈龙珠, 李志文, 刘韞, 司月君, 牛东风 (2031) |
| 大别造山带沙坪沟特大型斑岩钼矿床年代学及成矿机理研究 .....                | 张红, 孙卫东, 杨晓勇, 梁华英, 王波华, 王瑞龙, 王玉贤 (2039)               |
| 塔中地区奥陶系白云岩岩石地球化学特征及成因机理分析 .....                 | 胡明毅, 胡忠贵, 李思田, 王延奇 (2060)                             |
| 断裂控制的非暴露型大气水岩溶作用模式——以塔北英买 2 构造奥陶系碳酸盐岩储层为例 ..... | 乔占峰, 沈安江, 邹伟宏, 张丽娟, 倪新锋, 朱永峰 (2070)                   |
| 茶卡盐湖沉积物和周围地区植物中正构烷烃及其氢同位素组成特征 .....             | 段毅, 夏嘉, 何金先, 张晓丽, 徐丽, 吴保祥 (2084)                      |
| 2011 年总目次 .....                                 | (2093)                                                |
| 征稿简则 .....                                      | (2106)                                                |

ACTA GEOLOGICA SINICA, 2011, Vol. 85, CONTENTS

No. 1

|                                                                                                                                                   |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| On the Tectonics of the India-Asia Collision .....                                                                                                |                                                                                                                                 |
| .....                                                                                                                                             | XU Zhiqin, YANG Jingsui, LI Haibing, JI Shaocheng, ZHANG Zeming, LIU Yan (33)                                                   |
| Mechanism of Basement-Involved Folds in the Northeastern Qinghai-Tibetan Plateau: A Case Study of the Xiaoxia Anticline in the Xining Basin ..... | ZHANG Jin, MA Zongjin, CHEN Hongyi, LI Yanfeng, REN Wenjun (55)                                                                 |
| Structure Features of the Middle Yarlung Zangbo Suture Zone and a New Knowledge of Its Genetic Model .....                                        | SUN Dong, WANG Daoyong (65)                                                                                                     |
| Comparison study of Rock Bursts of Deep Buried Tunnels in the Shear and Compression Tectonic Environments .....                                   | GUO Changbao, ZHANG Yongshuang, SUN Dongsheng, YUE Peng, XIONG Tanyu, CAI Haibing, BAO Zhaojie (77)                             |
| Ore-controlling Structure Characteristic and the Sources of Ore Forming Material in the Jinchangyu Gold Deposit, Hebei Province .....             | SONG Yang, WANG Ruijiang, HU Jianzhong, TAN Yingjia, SHI Chenglong, WANG Tao (87)                                               |
| SHRIMP U-Pb Zircon Dating for Granodiorite Porphyry of the Fengshan Orefield in Eastern Hubei Province and its Geological Significance .....      | CHEN Fuwen, MEI Yuping, LI Huaqin (96)                                                                                          |
| Forming Condition and Enrichment Mechanism of the Nanpu Oilfield in the Bohai Bay Basin, China .....                                              |                                                                                                                                 |
| .....                                                                                                                                             | ZHU Guangyou, ZHANG Shuichang, WANG Yongjun, WANG Zhengjun, ZHENG Hongju, XIONG Ying, DONG Yuexia, WANG Xudong, ZHANG Bin (113) |
| Geochemistry and SHRIMP U-Pb Dating of the Guangxingyuan Composite Pluton in Hexigten Qi, Inner Mongolia and Its Geological Implication .....     | JIANG Xiaojun, LIU Yongqing, PENG Nan, SHI Yuruo, XU Huan, WEI Wentong, LIU Zengxiao, ZHAO Huaping, YAO Baogang (128)           |
| GRV 020043-A Special Transition Chondrite Between E and H Group .....                                                                             |                                                                                                                                 |
| .....                                                                                                                                             | LI Shijie, WANG Shijie, LIU Shen, LI Xiongyao, TANG Hong, LI Peng (135)                                                         |
| On the Geochemical Processes of Seawater Intrusion in the Western Section of the Haicheng District of Beihai, Guangxi ..                          |                                                                                                                                 |
| .....                                                                                                                                             | YAO Jinmei, ZHOU Xun, XIE Chaohai (144)                                                                                         |
| Microbial Sediments Occurring after the End-Devonian Extinction Event on the Hunan Platform .....                                                 |                                                                                                                                 |
| .....                                                                                                                                             | HOU Hongfei, ZHOU Huailing, LIU Jianbo (156)                                                                                    |

No. 2

|                                                                                                                                                                                                     |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Geodynamics of Granitic Magmatism in the Basement of the Eastern Qaidam Basin, Northern Qinghai-Tibet Plateau .....                                                                        |                                                                                                                                         |
| .....                                                                                                                                                                                               | CHEN Xuanhua, YIN An, George GEHRELS, LI Li, JIANG Rongbao (171)                                                                        |
| The Closure of Paleogene Basins of East-Central Tibet in Response to Tectonic, Sedimentation, Magmatism and Paleoclimate .....                                                                      | ZHOU Jiangyu, WANG Jianghai, B. K. HORTON, An YIN, M. S. SPURLIN (177)                                                                  |
| Salt-Related Faults in the Tazhong Uplift, Tarim Basin .....                                                                                                                                        |                                                                                                                                         |
| .....                                                                                                                                                                                               | YU Yixin, HUANG Taizhu, TANG Liangjie, CHEN Xuyun (184)                                                                                 |
| LA-ICP-MS Zircon U-Pb Geochronology of the Two Suites of Ophiolites at the Buqingshan Area of the A'nyemaqen Orogenic Belt in the Southern Margin of East Kunlun and Its Tectonic Implication ..... |                                                                                                                                         |
| .....                                                                                                                                                                                               | LIU Zhanqing, PEI Xianzhi, LI Ruibao, LI Zuochen, ZHANG Xiaofei, LIU Zhigang, CHEN Guochao, CHEN Youxin, DING Saping, Guo Junfeng (194) |
| Petrogenesis of Fangmaping-Sanyanlong Granites in Southern Songpan—Garzê Fold Belt and Its Tectonic Implication .....                                                                               |                                                                                                                                         |
| .....                                                                                                                                                                                               | YUAN Jing, XIAO Long, WAN Chuanhui, GAO Rui (206)                                                                                       |
| Characteristics and Zircon U-Pb Geochronology of Metallogenic Granitoids in the Gaojiashan Cu-Mo Deposits, Northern Wuyishan, Jiangxi Province .....                                                |                                                                                                                                         |
| .....                                                                                                                                                                                               | CAO Shenghua, TANG Fenglin, HUANG Xinshu, QIU Wenjiang, YUAN Zhenguo (212)                                                              |
| Geochemical Characteristics of the Granitic Rocks in the Aolunhua Porphyre Copper-Molybdenum Deposit, Inner Mongolia .....                                                                          | ZOU Tao, WANG Jingbin, WANG Yuwang, YUAN Jiming, LIN Longjun, Dou Jinlong (223)                                                         |
| Discovery of Bulongguoer Ancient Reservoir in West Junggar, Xinjiang and Its Petroleum Geologic Significance .....                                                                                  |                                                                                                                                         |
| .....                                                                                                                                                                                               | KUANG Lichun, QI Xuefeng, WANG Xulong, REN Jiangling, TANG Yong, PAN Lijun (231)                                                        |
| Character and Origin of Cambrian Hydrothermal Dolomite Conglomeration in the Northwestern Margin of Tarim Basin .....                                                                               |                                                                                                                                         |
| .....                                                                                                                                                                                               | ZHANG Juntao, HU Wenxuan, WANG Xiaolin, QIAN Yixiong, WU Shixiang (245)                                                                 |

|                                                                                                                                                     |                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Sequence Characteristics and Lithofacies Paleogeography of the Huanglong Formation in Eastern Sichuan Basin .....                                   |                                         |
| ..... CHEN Haoru, ZHENG Rongcai, WEN Huaguo, LI Wei, CHEN Fangmin, ZHANG Haijie, WANG Jiong (255)                                                   |                                         |
| Heterogeneous Features of Quartz Grain Dissolution of Cretaceous Sandstone Reservoir in the Kuqa Depression and Its Major Controlling factors ..... | HAN Denglin, LI Zhong, LI Weifeng (261) |
| Compositions of <i>n</i> -Alkanes and Their Isotopes in Plants from the Different Latitude Regions in China .....                                   |                                         |
| ..... DUAN Yi, WU Baoxiang, XU Li, ZHANG Xiaoli, HE Jinxian (271)                                                                                   |                                         |
| Geochemical Characters of Platinum Group Elements of the Regoliths in the Midwest of Yunnan Province .....                                          |                                         |
| ..... LIU Yingchao, YANG Zhusen, TIAN Shihong, YU Yushuai (281)                                                                                     |                                         |
| Heavy Metal Contamination of Inlet Sediments of the Xiangjiang River and Pb Isotopic Geochemical Implication .....                                  |                                         |
| ..... PENG Bo, TANG Xiaoyan, YU Changxun, TAN Changyin, TU Xianglin, LIU Qian, YANG Kesu, XIAO Min, XU Jingzhe (299)                                |                                         |
| The Holocene ka-Scale Climate Variation Indicated by Trace Elements of the MGS1 Segment in the Salawusu River Valley, China .....                   |                                         |
| NIU Dongfeng, LI Baosheng, WEN Xiaohao, DU Shuhuan, LI Zhiwen, WANG Fengnian, SI Yuejun, OU Xianjiao (308)                                          |                                         |

No. 3

|                                                                                                                                                                             |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Tectonic Implication of Co-seismic Displacement of Ms8.0 Wenchuan Earthquake Fault and Its Kinematic Model .....                                                            |                                                                      |
| ..... GUO Jinjing, HAN Wenfeng, LI Xuefeng, LIU Hanpeng (322)                                                                                                               |                                                                      |
| Morphological Evolution of the Ultrabasic Rocks in the Jinchuan Mine Area and Its Constraints on the Tectonic Process ..                                                    |                                                                      |
| ..... WANG jincao, TANG jingru (329)                                                                                                                                        |                                                                      |
| Mineralogical Chemistry of Peridotite Xenoliths from the Huinan Cenozoic Basalts: Implication for Evolution of the Lithospheric Mantle beneath the North China Craton ..... | LU Jianggu, ZHENG Jianping (342)                                     |
| Comparison of Measurement Methods for Electrical Conductivity of Rocks Under High Pressure and High Temperature: Taken the Lherzolite as an Example .....                   |                                                                      |
| ..... GONG Chaoying, LIU Yonggang, LI Peng, FAN Dawei, WEI Shuyi, XIE Hongsen (353)                                                                                         |                                                                      |
| Geochemical Characteristics of the Yanshanian Mafic Dykes in the Jinqu Basin, Gan-Hang Tectonic Belt and Its Petrogenesis .....                                             |                                                                      |
| ..... QI Youqiang, HU Ruizhong, LIU Shen, FENG Caixia, TIAN Jianji, FENG Guangying, WANG Tao (365)                                                                          |                                                                      |
| A Magma Ascent Rate of Epidote-Bearing Granodioritic Magma in the Mufushan Complex Batholith of NE Hunan Province: Evidence from Petrography and Mineral Chemistry .....    | ZOU Huijuan, MA Changqian, WANG Lianxun (378)                        |
| Discussion on “Field Occurrence and Origin of the Xinglonggou Igneous Rocks in Beipiao, Western Liaoning Province and Geological Significance” .....                        | SHAO Jian, YANG Wei (382)                                            |
| Sedimentary Characteristics and Environment of the Paleogene Nangqian Basin in Qinghai Province .....                                                                       |                                                                      |
| DU Houfa, JIANG Yongbiao, YAN Zhaobin, HOU Zengqian, YANG Tiannan, GUO Fusheng, YANG Qingkun (395)                                                                          |                                                                      |
| Re-Os Age of Molybdenite from the Mengku Iron Deposit in Altay, Xinjiang and Its Implication for Metallogeny .....                                                          |                                                                      |
| YANG Fuquan, ZHANG Zhixin, QU Wenjun, GENG Xinxia, LV Shujun, CHAI Fengmei, JIANG liping, LIU Feng (404)                                                                    |                                                                      |
| Occurrence Modes of Tungsten, Tin, Bismuth, Silver and Molybdenum from the Vein Type Tungsten Polymetallic Deposits in Northern Guangdong, China .....                      | WANG Xiaofei, QI Huawen, HU Ruizhong, BI Xianwu, PENG Jiantang (421) |
| Geological Environment model of the Gejiu Stannum Ore in Yunnan .....                                                                                                       |                                                                      |
| ..... WANG Qiliang, LÜ Yiqing, CHU Na, YUN Mengchao, ZHAO Yuanyi (432)                                                                                                      |                                                                      |
| Forming Age of Surface Mirabilite in Dalangtan, Qaidam Basin and its Environmental Significance .....                                                                       |                                                                      |
| ..... MA Nina, ZHENG Mianping, MA Zhibang, CHEN Wenxi, KONG Fanjing, SHI Linfeng (444)                                                                                      |                                                                      |
| Provenance of the Material for Bronze Vessels of the Shang and Zhou Dynasties unearthed from Some Areas of China .....                                                      |                                                                      |
| ..... WEI Guofeng, QIN Ying, WANG Changsui, LIU Bo, YANG Lixin, XU Tianjin, ZHANG Guomao, GONG Changgen, XIE Yaoting (458)                                                  |                                                                      |

No. 4

|                                                                                                                   |  |
|-------------------------------------------------------------------------------------------------------------------|--|
| Carbonate Interlayers of the Yixian Formation in Western Liaoning and Their Environmental Significance .....      |  |
| ..... GONG Enpu, CHEN Denghui, LIANG Junhong, ZHANG Yongli (464)                                                  |  |
| Neo-proterozoic Granitoid Magmatism in the Kuqe Depression of Northeastern Tarim Basin and Its Significance ..... |  |
| ..... LUO Jinhai, CHE Zicheng, ZHANG Xiaoli, HAN Wei, ZHANG Guofeng, NIAN Xiuqing (474)                           |  |
| LA-ICP-MS Zircon U-Pb Dating of the Qinjia Granite in Guangxi Province and Its Geologic Significance .....        |  |
| ..... WANG Yonglei, WANG Denghong, ZHANG Changqing, HOU Kejun, WANG Chenghui (481)                                |  |

- Zircons SHRIMP U-Pb Dating of Diabase from Hekou, Sichuan Province, China and Its Geological Significance ..... GUAN Junlei, ZHENG Lailin, LUI Jianhui, SUN Zhiming, CHENG Wanhua (490)
- Rheological and Fabric Characteristics of Mantle Peridotite Xenoliths from Huinan, Jilin Province and Its Dynamic Implications ..... GAN Wei, JIN Zhenmin, WANG Genhou, XU Haijun (502)
- Fluid Inclusion Characteristics and Stable Isotope Composition of the Chahansala Gold Deposit, Western Tianshan, Xinjiang, China ..... LUO Xiaoping, XUE Chunji, LI Jianquan, WANG Wei, LI Tianhu, PENG Qiaoliang, TIAN Hai (515)
- Basic Sedimentary Unit of the Xujiajuan Formation of the Xiangshan Group, Ningxia, China ..... LI Xiangdong, HE Youbin, LUO Jinxiong, LI Hua, ZHENG Zhaochang (525)
- Early Paleozoic Sedimentary Environment of Hydrocarbon Source Rocks in the Middle-Upper Yangtze Region and Petroleum and Gas Exploration ..... MU Chuanlong, ZHOU Kenken, LIANG Wei, GE Xiangying (531)
- Sedimentary Characteristics and Evolution of the Upper Carboniferous Taiyuan Formation, Shenmu Gasfield, Northeastern Ordos Basin ..... LAN Chaoli, ZHANG Junfeng, TAO Weixiang, ZHANG Yongzhong, YANG Minghui, WANG Jinxiu (542)
- Diagenesis of the Lower-Middle Permian Carbonate in the Wuwei-Chaohui Area, Anhui Province ..... DU Yelong, LI Shuangying, WANG Bing, ZHAO Daqian, YANG Dongdong (553)
- Controlling Factors of Weathering Volcanic Reservoir: An Example from the Carboniferous Kalagang Formation in Santanghu Basin ..... HOU Lianhua, WANG Jinghong, ZOU Caineng, ZHANG Guangya, WANG Zhiyong, YANG Chun, LIN Tong (567)
- Experimental Study of the Constraint of Minerals Wettability on Hydrocarbon-Bearing Inclusion Forming in Reservoir ..... CHEN Yong, GE Yunjin, ZHOU Zhenzhu, MAO Cui (575)
- Geochemical Characters of the Nanhua System in Changyang, Western Hubei Province and Its Implication for Climate and Sequence Correlation ..... ZHAO Xiaoming, LIU Shengde, ZHANG Quanxu, WU Jianhui, ZENG Bofu, LIAO Zongming, YANG Gangzhong, LI Fanghui (584)
- Formation and Evolution of Groundwater in the Ordos Cretaceous Basin: Evidence from Chlorine and Its Isotope ..... YANG Yuncheng, SHEN Zhaoli, WEN Dongguang, HOU Guangcai, WANG Dong, SHE Hongquan, LI Jingwen (595)
- $\delta D$  and  $\delta^{18}O$  Variations of Water in the Yellow River and Its Environmental Significance ..... GAO Jianfei, DING Tiping, LUO Xurong, TIAN Shihong, WANG Huaibo, LI Ming (602)

## No. 5

- A Historical View of Mineral Deposit Research ..... ZHAI Yusheng, WANG Jianping (611)
- On Dynamics of the Metallogenic Belt of Middle-Lower Reaches of Yangtze River, Eastern China ..... DONG Shuwen, MA Licheng, LIU Gang, XUE Huaiming, SHI Wei, LI Jianhua (625)
- Petrology of Volcanic rocks and its Relationship to Fe-Cu Mineralization of Luzong and Chouzhou Basin, Anhui Province ..... DENG Jinfu, LIU Cui, FENG Yanfang, DAI Shengqian, DU Jianguo, WU Ming'an, TONG Jinsong, ZHOU Su, SU Shangguo, WU Zongxu, YAO Xiaode, WU Xuefeng (635)
- Geological Characteristics of the Qinhang (or Shihang) Metallogenic Belt in South China and Spatial-Temporal Distribution Regularity of Mineral Deposits ..... MAO Jingwen, CHEN Maohong, YUAN Shunda, GUO Chunli (658)
- The Large-Scale Dongguashan deposit, Shizishan district in East China: Carboniferous Sedex-type Massive Sulfides Overprinted by Late Jurassic Skarn Cu Mineralization ..... HOU Zengqian, YANG Zhusen, LÜ Qingtian, ZENG Pusheng, XIE Yuling, MENG Yifeng, TIAN Shihong, XU Wenyi, LI Hongyang, JIANG Zhangping, WANG Xuncheng, YAO Xiaode (686)
- Consideration on the Deep-iron Ore Deposits Prospecting in the Middle-Lower Yangtze Metallogenic Belt ..... DU Jianguo, CHANG Danyan (698)
- Mesozoic In-situ and External Skarn Magmatic-Hydrothermal Mineralization in the Anhui Segment of the Lower Yangtze Metallogenic Belt ..... DU Yangsong, CAO Yi, ZHANG Zhiyu, PANG Zhenshan, LI Dapeng (710)
- Petrogenesis and Metallogeny Study of the Volcanic Basins in the Middle and Lower Yangtze Metallogenic Belt ..... ZHOU Taofa, FAN Yu, YUAN Feng, ZHANG Lejun, MA Liang, QIAN Bing, XIE Jie (730)
- Thermodynamic study of the Paragenesis and Fractionation of Copper and Gold in the Shizishan Orefield, Tongling, Anhui Province ..... XU Xiaochun, LOU Jinwei, XIE Qiaoqin, XIAO Qiuxiang, LIANG Jianfeng, CHU Pinli (743)
- Discovery and Significance of Carbonate Mud Mounds from Cu-polymetallic Deposits in the Middle and Lower Yangtze Metallogenic Belt: Examples from the Wushan and Dongguashan Deposits ..... JIANG Shaoyong, DING Qingfeng, YANG Shuiyuan, ZHU Ziyong, SUN Mingzhi, SUN Yan, BIAN Lizeng (756)
- Geochemical Characteristics of Mesozoic Intermediate-acid Intrusive Rocks in Tongling and Adjacent Area of the Middle

and Lower Reaches of the Yangtze River and Its Indication to the Deep-seated Magmatism ..... MENG Xiangjin, LÜ Qingtian, YANG Zhusen, XU Wenyi (777)

Transform Tectonic Node of the Middle and Lower Reaches of the Yangtze River and Analysis of Regional Metallogenic Settings ..... SONG Chuanzhong, ZHANG Hua, REN Senglian, LI Jiahao (788)

..... LIN Shoufa, TU Wenchuan, ZHANG Yan, WANG Zhong

Geological Characteristics and Genesis of the Nihe Fe-S deposit, Lujiang Country, Anhui Province ... ZHAO Wenguang, WU Ming'an, ZHANG Yiyong, WANG Keyou, FAN Yu, WANG Longyun, WEI Guohui, CHE Yingdan (801)

Discovery of the Nihe Iron Deposit in Lujiang, Anhui, and its Exploration Significance ..... WU Mingan, WANG Qingsong, ZHENG Guangwen, CAI Xiaobing, YANG Shixue, DI Qinsong (809)

.....

Geochronology of the Porphyry-like Type Iron Deposits in Ning-Wu Basin: Evidence from <sup>40</sup>Ar-<sup>39</sup>Ar Phlogopite Dating ..... FAN Yu, ZHOU Taofa, YUAN Feng, ZHANG Lejun, QIAN Bin, MA Liang, XIE Jie, YANG Xifei (820)

.....

Zircon U-Pb Ages and Isotopic Characteristics of the Granitoids in the Ningwu Basin, China, and their Significance ..... YUAN Feng, ZHOU Taofa, ZHANG Lejun, FAN Yu, MA Liang, QIAN Bing (833)

.....

A LA-ICP-MS Study of Apatite from the Taocun Magnetite-apatite Deposit, Ningwu Basin ..... ZHANG Lejun, ZHOU Taofa, FAN Yu, YUAN Feng, QIAN Bing, MA Liang (848)

.....

Geochronology and Geochemical Characteristics of the Shujiaidian Intrusion in Tongling, China ..... WANG Shiwei, ZHOU Taofa, YUAN Feng, FAN Yu, LÜ Yuzhuo (861)

.....

Introduction to one Concentrated Mode for Large Scale Ore-Intensive Area—Multi-factors Confined Isothermal Field Space Mode: An Example from the Shizishan Orefield in Tonglin ..... CHU Guozheng (872)

.....

Magnetotelluric Sounding in the Lujiang-Zongyang Ore-district and Preliminary Study of Electrical Structure ..... XIAO Xiao, TANG Jingtian, ZHOU Cong, LÜ Qingtian (886)

.....

Research of Seismic Modeling of Complex Metal Ore Body-Examples of the Luzong Luohe, Nihe and Dabaozhuang Deposits ..... LIAN Yuguang, LÜ Qingtian, HAN Liguang, ZHAO Jinhua (899)

.....

Tectonic Framework Research of the Lower and Middle Yangtze Metallogenic Belt Based on Gravity and Magnetic Multi-scale Edge Detection ..... YAN Jiayong, LÜ Qingtian, MENG Guixiang, ZHAO Jinhua, DENG Zhen, LIU Yan (914)

.....

The Study of 2-D Nonlinear Conjugate Gradients Inversion of Borehole-to-Surface Magnetotelluric ..... ZHANG Kun, WEI Wenbo, LÜ Qingtian, JIN Sheng (924)

.....

No. 6

Two Stratigraphic Concerns on the Central and Northern Tianshan Tectonic Complex, Northwest China ..... LIAO Zhouting, CHEN Zhongqing, LIU Lujun (936)

.....

Discovery of the Late Mesozoic Slump Beds in Lingshan Island, Shandong, and a Pilot Research on the Regional Tectonics ..... LÜ Hongbo, WANG Jun, ZHANG Haichun (945)

.....

Features of Silica Glazes on Feldspar from the Holocene Volcanic Eruptive Material at the Tianwen Peak, Tianchi, Changbai Shan and Their Implications ..... ZHANG Bingliang, YU Hongmei, ZHAO Bo, XU Jiandong, SHI Lanbin, PAN Xiaodong (954)

.....

Re-Os Isotope Dating of Arsenopyrite from the Quartz Vein-Type Gold Deposit, Southeastern Guizhou Province, and Its Geological Implications ..... WANG Jiasheng, WEN Hanjie, LI Chao, DING Wei, ZHANG Jinrang (964)

.....

Geochemical Characteristics and Prospecting in the Tianjingshan Gold Deposit, South Anhui ..... DUAN Liu'an, YANG Xiaoyong, SUN Weidong, FANG Shiming, YU Liangfan, FAN Zengping (978)

.....

On Provenance of the Permian in the Southeastern Ordos Basin ..... QU Hongjun, MA Qiang, GAO Shengli, MEI Zhichao, MIAO Jianyu (986)

.....

The Carbon and Oxygen Stable Isotopic Compositions and Sedimentary Environment of the Lacustrine Carbonate from the Upper Cretaceous Yixian Formation, Western Liaoning, NE China ..... CHEN Denghui, GONG Enpu, LIANG Junhong, CHEN Xiaohong (992)

.....

Sedimentation of the Middle Permian Series in the Middle Yangtze Area and Paleogeographical Characteristics ..... WAN Qiu, LI Shuangying (1007)

.....

Fine Division and Correlation of Glutenite Sedimentary Periods Based on Sedimentary Facies Inversion—A Case Study from the Paleogene Strata of Upper Es<sup>4</sup> in the Yanjia Area, Dongying Depression ..... LI Cunlei, ZHANG Jinliang, SONG Mingshui, SHI Chaoqun, SHI Ning, LIU Ting (1018)

.....

Depositional Evolution and Model of Shallow-Water Delta in the Rifting Lacustrine Basins during the Shrinking Stage: A Case Study of the Third Member and Second Member of Paleogene Shahejie Formation in the Niuzhuang Subsag,

|                                                                                                                                                  |                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Dongying Sag .....                                                                                                                               | ZHAO Wei, QIU Longwei, JIANG Zaixing, CHEN Yan (1027)                                                         |
| Main Sediment Types and Genesis of the Third Member of Shahejie Formation ( $E_2s^3$ ) in the Shuangtaizi Structure Belt, West Sag, Liaohe ..... | ER Chuang, NIU Jiayu, GU Jiayu, Yi Liping, LI Guoping, LIU Haitao, LI Xiaoguang, KANG Wujiang, LIU Bao (1037) |
| Grain-Size Fractal Features of the Core EC2005 Sediments in the Inner Shelf of East China Sea .....                                              | XU Fangjian, LI Anchun, LI Tiegang, CHEN Shiyue, QIU Longwei, CAO Yingchang, LIN Chengyan (1044)              |
| Bacterial Degradation and Thermal Simulation of Suberin in <i>Quercus Suberus</i> ; Implications for Hydrocarbon Generation of Suberinite .....  | ZHANG Ke, YAO Suping, HU Wenxuan, JIAO Kun, LI Miaochn (1057)                                                 |
| Climate Change during 140.66~124.19 Ma Recorded by the Color of the Sediments of the Hekou Group from Lanzhou -Minhe Basin .....                 | DAI Shuang, LIU Junwei, ZHANG Mingzhen, HUANG Yongbo, KONG Li, ZHAO Jie, LIU Xue, ZHU Qiang (1067)            |

No. 7

|                                                                                                                                                                                                                        |                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Water on the Moon; Exploration History and New Evidence .....                                                                                                                                                          | ZHENG Yongchun, ZHANG Feng, FU Xiaohui, ZOU Yongliao, OUYANG Ziyuan (1078)                                                     |
| Model for the Calculation of the Solubility of $CH_4$ , $H_2S$ and $CO_2$ in Aqueous Solutions .....                                                                                                                   | DUAN Zhenhao, WEI Qing (1093)                                                                                                  |
| Discussion on the Deep Dynamic Mechanism of Gold Mineralization Concentration Area in northwestern Jiaodong .....                                                                                                      | NIU Shuyin, SUN Aiqun, ZHANG Jianzhen, MA Baojun, WANG Baode, CHEN Chao, ZHANG Fuxiang, LIU Cheng, ZHANG Xiaofei (1107)        |
| Skarn Types and Mineralogical Characteristics of the Fe-Cu-polymetallic Skarn Deposits in the Qimantage Area, Western Qinghai Province .....                                                                           | FENG Chengyou, ZHAO Yiming, LI Daxin, LIU Jiannan, XIAO Ye, LI Guocheng, MA Shengchao (1115)                                   |
| Geochronological Study of the Yarlung Tsangpo Ophiolite in the Region of the Eastern Himalayan Syntaxis .....                                                                                                          | GENG Quanru, PENG Zhimin, ZHANG Zhang (1127)                                                                                   |
| Evolution of granitoids in the active continental margin; a case study of the Fuzhou compound complex .....                                                                                                            | LIN Qingcha, CHENG Xiongwei, ZHANG Yuquan, WANG Fangyue (1133)                                                                 |
| Lithogeochemistry and Geochronology of Xiong'er Group Yanyaozhai Subvolcanics in the Southern Margin of the North China Craton and Their Geological Signifan .....                                                     | LIU Xiaoyan, CAI Jianhui, YAN Guohan (1145)                                                                                    |
| Zircon U-Pb Ages of Ore-bearing Granitic Bodies in Northern Jiujiang-Ruichang Metallogenic District of the Mineralization Belt of the Middle-Lower Reaches of the Yangtze River, and Its Geological Significance ..... | CHEN Zhihong, XING Guangfu, GUO Kunyi, ZENG Yong, KUANG Fuxiang, HE Zhenyu, KE Xue, YU Minggang, ZHAO Xilin, ZHANG Yong (1158) |
| Zircon U-Pb Geochronology of the Gabbro-Diorite Porphyry and Granodiorite Porphyry from the Washan Iron Deposit in Ningwu Basin, and Its Geological Significance .....                                                 | DUAN Chao, MAO Jingwen, LI Yanhe, HOU Kejun, YUAN Shunda, ZHANG Cheng, LIU Jialin (1171)                                       |
| Vein Structure Analysis and $^{40}Ar/^{39}Ar$ Dating of Sericite from Sub-ore Altered Rocks in the Tieluping Large-size Ag-Pb Deposit of Western Henan Province .....                                                  | GAO Jianjing, MAO Jingwen, CHEN Maohong, YE Huishou, ZHANG Jijun, LI Yongfeng (1187)                                           |
| Zircon SHRIMP U-Pb Dating, Geochemistry, Sr-Nd Isotopic Analysis of the Late Jurassic Granitoids in the Jiulongnao W-Sn-Pb-Zn Ore-Concentrated Areas in Jiangxi Province and Their Geological Significance .....       | GUO Chunli, CHEN Yuchuan, LI Chuanbiao, CHEN Zhenghui, LOU Fasheng (1205)                                                      |
| Metallogenic Epoch of the Longqiao Iron deposits at the Lujiang-Zongyang Ore Concentrated Area in the Middle and Lower Reaches of Yangtze River, China .....                                                           | MA Licheng, DONG Shuwen, ZHONG Yubin, ZHANG Qianming, GAO Changsheng (1214)                                                    |
| Reserves Estimation of Porphyry Iron Deposit in the Middle-Lower Reaches of Yangtze River Area, China .....                                                                                                            | ZHANG Mingming, ZHOU Taofa, YUAN Feng, LI Xiaohui, LI Xiuyu, JIA Cai (1222)                                                    |
| The Superimposed Mineralization of the Dongguashan Cu Deposit in Tongling Area, Anhui Province; Evidence from the Ore Texture .....                                                                                    | GUO Weimin, LU Jianjun, ZHANG Rongqing, ZHAO Zhanjie, XU Zhaowen (1232)                                                        |
| Chemical Characteristic of Fountains in the Qiangtang Basin, Qinghai-Tibet Plateau and Its Implications .....                                                                                                          | ZHANG Zhipan, ZHU Youhai, SU Xin (1238)                                                                                        |

|                                                                                                                                |                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Several Geochemical Indicators of the West Coast of Bohai Sea .....                                                            |                                                                            |
| YUE Jun, DONG yue, ZHANG Baohua, MU lin, WANG Guoming, CHEN Anshu, YUAN Baoyin, LIU Jinglan, WEI Junhao (1250)                 |                                                                            |
| No. 8                                                                                                                          |                                                                            |
| Effect of Emeishan Mantle Plume over the Sedimentary Pattern of Mid-Permian Xixia Period in Sichuan Basin .....                |                                                                            |
| ..... ZHANG Tingshan, CHEN Xiaohui, LIU Zhicheng, WEI Guoqi, (1262)                                                            |                                                                            |
| ..... YANG We, MING Huajun, ZHANG Qi, YANG Yu                                                                                  |                                                                            |
| Tectonic Mechanism of the Erlan Basin during Early Yanshanian and Speculation on the Basin Prototype .....                     |                                                                            |
| ..... CUI Yongqian, TONG Hengmao, LI Xianping, LIU Zhen, ZHANG Hongbo, DU Changjiang (1273)                                    |                                                                            |
| SHRIMP Zircon U-Pb Dating and Geochemical Characteristics of Reshui Granitic Batholith, Northern Guangdong .....               |                                                                            |
| ... DENG Ping, LING Hongfei, SHEN Weizhou, SUN Liqiang, ZHU Ba, HUANG Guolong, TAN Zhengzhong (1283)                           |                                                                            |
| Constraints from Zircon U-Pb Chronology of Yudongzi Group Magnetite-Quartzite in the Lueyang Area, Southern                    |                                                                            |
| Qinling, China .....                                                                                                           | WANG Hongliang, XU Xueyi, CHEN Juanlu, YAN Zhen, LI Ting, ZHU Tao (1290)   |
| Characteristics of C, Si, O, S and Pb Isotopes of the Fe-rich and Cu (Au) Deposits in the Western Bangong-Nujiang              |                                                                            |
| Metallogenic Belt, Tibet, and Their Geological Significance .....                                                              |                                                                            |
| ..... LÜ Lina, ZHAO Yuanyi, SONG Liang, TIAN Yi, XIN Hongbo (1304)                                                             |                                                                            |
| Petrogenesis of Late Carboniferous to Early Permian Granitoid Plutons in the Chinese South Tianshan; Implications for          |                                                                            |
| Crustal Accretion .....                                                                                                        |                                                                            |
| ..... HUANG He, ZHANG Zhaochong, ZHANG Dongyang, DU Hongxing, MA Letian, KANG Jianli, XUE Chunji (1333)                        |                                                                            |
| Sedimentary Records of Uplifting in West Kunlun during Late Miocene-Early Pliocene: Evidence from the Heavy Mineral            |                                                                            |
| Assemblages of Well Qibei-3 in the Southwestern Tarim .....                                                                    |                                                                            |
| ..... LEI Ganglin, LIAO Lin, SHI Jun, DU Zhili, LUO Juncheng, CHEN Xiaogan, CHEN Hanlin (1342)                                 |                                                                            |
| Petrologic and Provenance Analysis of the Zonghuo Mélange in Baisha Area, Gyangzê, Southern Tibet .....                        |                                                                            |
| ..... SUN Gaoyuan, HU Xiumian, WANG Jiangang (1351)                                                                            |                                                                            |
| Stratigraphic Division of the Late Quaternary Strata along the Coast of Bohai Bay and Its Geology Significance .....           |                                                                            |
| ..... XU Qinmian, YUAN Guibang, ZHANG Jinqi, QIN Yafei (1367)                                                                  |                                                                            |
| Archaeal Diversity on the Ontong Java Plateau from Center of the West Pacific Warm Pool .....                                  |                                                                            |
| ..... CHUN Mei, SAREN Gaowa, LI Baohua, LI Tiegang, MO Nei, YU Xinke (1376)                                                    |                                                                            |
| Oil and Gas Depositional Characteristic and Distribution Law of the Gaotaizi Reservoir in the Western Placanticline,           |                                                                            |
| Songliao Basin .....                                                                                                           | YANG Yufang, HAN Yunjie, ZHONG Jianhua, ZHOU Yongbing, CHEN Zhipeng (1388) |
| Particle Size Composition and Formation of the Mega-Dune in the Badain Jaran Desert .....                                      |                                                                            |
| ..... ZHAO Jingbo, ZHANG Chong, DONG Zhibao, SHAO Tianjie, LI Enju (1398)                                                      |                                                                            |
| No. 9                                                                                                                          |                                                                            |
| Movement Features of Mantle Fluid Flows based on the S-wave Velocity Structure of Asia .....                                   |                                                                            |
| ..... YANG Wencai, YU Changqing (1408)                                                                                         |                                                                            |
| Origin of the Dabashan Foreland Salient; Insights from Sandbox Modeling .....                                                  |                                                                            |
| ..... WANG Ruirui, ZHANG Yueqiao, XIE Guoai, XU Huaizhi (1419)                                                                 |                                                                            |
| Early-Middle Indosinian Weiya Quartz Diorite, Eastern Segment of the Middle Tianshan Mountains, NW China;                      |                                                                            |
| Implications for Intra-Continent Subduction and Partial Melting of Juvenile Lower Crust .....                                  |                                                                            |
| ..... ZHANG Zunzhong, GU Lianxing, WU Changzhi, ZHAI Jianping, WANG Chuansheng, TANG Junhua, XIAO E (1434)                     |                                                                            |
| Petrogenesis of the Huangshandong Ni-Cu Sulfide-Bearing Mafic-Ultramafic Intrusion, Northern Tianshan, Xinjiang; Evidence from |                                                                            |
| Major and Trace Elements and Sr-Nd Isotope .....                                                                               | DENG Yufeng, SONG Xieyan, JIE Wei, CHENG Songlin, LI Jun (1451)            |
| Redetermination of the Tanjianshan Group; Geochronological and Geochemical Evidence of Basalts from the Margin of              |                                                                            |
| the Qaidam Basin .....                                                                                                         | GAO Xiaofeng, XIAO Peixi, JIA Qunzi (1463)                                 |
| Geological and Geochemical Characteristics of the Gneissic Alkali Granite in Donghai, Jiangsu Province, and Chronology         |                                                                            |
| Research; Two Examples from the Tuofeng and Niushan Regions .....                                                              |                                                                            |
| ..... XIA Bin, WANG Min, ZHANG Yuquan, LI Jianfeng, (1476)                                                                     |                                                                            |
| ..... HUANG Qiangtai, WANG Hong, LIU Liwen, LI He, DONG Chunyan                                                                |                                                                            |
| Experimental Study of Weathering of Serpentine and Olivine by <i>Aspergillus fumigatus</i> .....                               | YAO Minjie, LIAN Bin (1485)                                                |
| Microscopic Observation of the Pyrite Whisker Patterns in Gengzhuang, Shanxi Province, and Its Typomorphic Significance        |                                                                            |
| ..... HUANG Fei, KOU Daming, SONG Dan, WANG Yongqian, CHENG Qiuming, GAO Wenyuan, TAN Wei (1492)                               |                                                                            |

|                                                                                                                                                |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Geological Differences and Mineralization Unity of the Key Gold Ore Concentrated Regions in Eastern Hebei and Western Liaoning Provinces ..... | JIA Sanshi, WANG Ende, FU Jianfei, SONG Jianchao, XI Xiaofeng (1506)                                |
| Three Dimensional Structure of Metallogenic Geologic Bodies in the Fenghuangshan Ore Field and Ore-controlling Geological Factors .....        | MAO Xiancheng, TANG Yanhua, LAI Jianqing, ZOU Yanhong, CHEN Jin, PENG Shenglin, SHAO Yongjun (1518) |
| 3D Geological Modeling of Anisotropic Mineralization and Its Application in Reserves Estimation .....                                          | JIN Yi, ZHENG Deshun, PAN Mao, ZHANG Lu (1527)                                                      |
| Changes of Soil Organic Carbon Content in Hebei plain ...                                                                                      | LUAN Wenlou, SONG Zefeng, LI Suimin, CUI Xingtao (1535)                                             |
| Gas Hydrate Formation and Its Accumulation Potential in Mohe Permafrost area, China .....                                                      | ZHAO Xingmin, DENG Jian, LI Jinping, LU Cheng, SONG Jian (1550)                                     |

No. 10

|                                                                                                                                                                                                            |                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Contrasting the Upper Triassic Flysch Langquexue Group and Nieru Formation in Southern Tibet .....                                                                                                         | LI Xianghui, WANG Yin, XU Wenli, SUN Yong, KONG Qingyou, ZENG Qinggao, XIE Yaowu, MAO Guozheng, Nima Ciren, ZHOU Yong, LIU Ling (1562) |
| Geometric Analysis of Extensional Fault-Related Folding and Its Applications on Chezhen Depression .....                                                                                                   | SU Jinbao, ZHU Wenbin, JIA Dong, YANG Yanfeng, WANG Zhiqiang (1573)                                                                    |
| Zircon U-Pb Dating of Granite Xenolith from the Liuhe Syenite Porphyry from Yunnan, and Its Geologic Significance .....                                                                                    | ZHAO Fufeng, LIU Xianfan, LU Qiuxia, CHU Yating, LI Chunhui, SONG Xiangfeng, CAI Feiyue, WU Ran, XIAO Jixiong (1584)                   |
| LA-ICP-MS U-Pb Ages and Its Significance of Detrital Zircon Come from Gravel of Sedimentary Rock in Moraine nearby Vestfold Hills, East Antarctica .....                                                   | LIU Jian, ZHAO Yue, LIU Xiaochun, CUI Jianjun (1612)                                                                                   |
| Silicon Isotope Compositions of Suspended Matter in the Yellow River, China, and Its Significance in Geological Environment .....                                                                          | GAO Jianfei, DING Diping, TIAN Shihong, WANG Huaibo, LI Ming (1628)                                                                    |
| Characteristics of Ore-Forming Fluids of the Leimengou Porphyry Mo Deposit, Western Henan Province, and Its Geological Significance .....                                                                  | CHEN Xiaodan, YE Huishou, MAO Jingwen, WANG Huan, CHU Songtao, CHENG Guoxiang, LIU Yanwei (1643)                                       |
| Correlations of the Late Yanshanian Tectonomagmatic Events with Metallogenesis in South China: Geochemical Constraints from the Longtoushan Gold Ore Deposit of the Dayaoshan Area, Guangxi Province ..... | DUAN Ruichun, LING Wenli, LI Qing, CHEN Ziwan, YANG Hongmei, LIU Lifen (1658)                                                          |
| Characteristics of Chlorite Minerals from Upper Triassic Yanchang Formation in the Zhenjing Area, Ordos Basin .....                                                                                        | ZHANG Xia, LIN Chunming, CHEN Zhaoyou (1670)                                                                                           |
| Distribution Characteristic and Genetic Mechanism of Hydrocarbon Traps of the Terrestrial Clastic Rock in Sichuan Basin ...                                                                                | JIN Wenzheng, WAN Guimei, WANG Junpeng, BAI Wankui (1680)                                                                              |
| The Middle—Late Triassic Event Sediments in Ordos Basin: Indicators for Episode I of the Indosinian Movement .....                                                                                         | CHEN Anqing, CHEN Hongde, HOU Mingcai, LOU Zhanghua, XU Shenglin, LI Jie, SHU Zhongtang (1690)                                         |
| Controlling Factors Affect Sealing Capability of Well-Developed Muddy Cap Rock .....                                                                                                                       | LI Shuangjian, WO Yujin, ZHOU Yan, LIU Weixin (1697)                                                                                   |

No. 11

|                                                                               |                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remote Sensing Technology and its Application in Geological Exploration ..... | WANG Runsheng, XIONG Shengqing, NIE Hongfeng, LIANG Shuneng, QI Zerong, YANG Jinzhong, YAN Baikun, ZHAO Fuyue, FAN Jinghui, TONG Liqiang, LIN Jian, GAN Fuping, CHEN Wei, YANG Suming, ZHANG Ruijiang, GE Daqing, ZHANG Xiaokun, ZHANG Zhenhua, WANG Pingqing, GUO Xiaofang, LI Li (1743) |
| Application Research of Geophysical Prospecting Techniques .....              | YUAN Guiqin, XIONG Shengqing, MENG Qingmin, ZHOU Xihua, LIN Pinrong, WANG Shumin, GAO Wenli, XU Mingcai, SHI Danian, LI Qiusheng (1805)                                                                                                                                                   |
| Applications Study of Geo-drilling Technology .....                           | RAN Hengqian, ZHANG Jinchang, XIE Wenwei, SONG Zhibing, XIANG Junwen, LIU Fanbai, FENG Qizheng, YAN Tailing, JIA Meilin, TAO Shixian, HU Jiliang (1822)                                                                                                                                   |
| Application Study of New Technology in Petroleum Exploration .....            | HE Wenyuan, HAO Meiying (1833)                                                                                                                                                                                                                                                            |
| Potential Assessment of Solid Mineral Resources Based on GIS .....            | HUANG Wenbin, XIAO Keyan, DING Jianhua, LI Nan (1843)                                                                                                                                                                                                                                     |

|                                                                                |                                                                                          |
|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Application Research of the New Technologies for Geochemical Survey .....      | YANG Shaoping, GONG Qiuli, WEN Zhigang, ZHANG Hua, (1877)                                |
| .....                                                                          | SUN Zhongjun, ZHU lixin, ZHOU Guohua, CHENG Hangxin, WANG Xueqiu                         |
| Modern Instrumental Analysis of Inorganic Multi-Elements .....                 | LI Bing, ZHOU Jianxiong, ZHAN Xiuchun (1916)                                             |
| Isotope Geochronology: Technique and Application .....                         | CHEN Wen, WAN Yusheng, LI Huaqin, ZHANG Zongqin, DAI Tongmo, SHI Zeen, SUN Jingbo (1946) |
| Application Research of Environmental Organic Pollutants Test Techniques ..... | RAO Zhu (1962)                                                                           |

No. 12

|                                                                                                                                                                           |                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Discovery of Neogene Gravels and Dammed-Lake Sediments in Nujiang (Salween) River Valleys, Yunnan Province, China, and Their Implications .....                           | ZHAO Xitao, WU Zhonghai, YE Peisheng, TONG Yabo, HU Daogong (1976)                                                          |
| Determination of the Paleoproterozoic Geochronological Framework in Aqtashtagh Area in Southeastern Tarim, China, and Its Geological Significance .....                   | XIN Houtian, ZHAO Fengqing, LUO Zhaohua, LIU Yongshun, WAN Yusheng, WANG Shuqing (1993)                                     |
| Identification of O-type Adakitic Rocks in Erlangping Area, Western of Henan Province, and Its Geological Significance ...                                                | GUO Cailian, CHEN Danling (2002)                                                                                            |
| Characteristics of the Early Cretaceous Mantle-Derived Volcanic Rocks in the Suhogntu Depression of Inggen-Ejin Qi Basin .....                                            | ZHONG Fuping, ZHONG Jianhua, YOU Weifeng (2013)                                                                             |
| Integrated Analyses Constraining the Provenance of Early Cretaceous Huicheng Basin, Western Qinling Orogenic Belt .....                                                   | ZHANG Yingli, WANG Zongqi (2030)                                                                                            |
| Re-Study of Mammal Fossils of the Bishou Cave in Dongjiang River Valleys, Southern Nanling Mountains, China .....                                                         | PENG Peixin, LI Baosheng, BIAN Geguo, HE Jin, WEN Xiaohao, CHEN Longzhu, LI Zhiwen, LIU Yun, SI Yuejun, NIU Dongfeng (2037) |
| Geochronology and Metallogenesis of the Shapinggou Giant Porphyry Molybdenum Deposit in the Dabie Orogenic Belt .....                                                     | ZHANG Hong, SUN Weidong, YANG Xiaoyong, LIANG Huaying, WANG Bohua, WANG Ruilong, WANG Yuxian (2059)                         |
| Geochemical Characteristics and Genetic Mechanism of the Ordovician Dolostone in the Tazhong Area, Tarim Basin .....                                                      | HU Minyi, HU Zhonggui, LI Sitian, WANG Yanqi (2068)                                                                         |
| A Fault-Controlled Non-Exposed Meteoric Karstification: A Case Study of Ordovician Carbonate Reservoir at Structure YM2 in Northern Tarim Basin, Northwestern China ..... | QIAO Zhanfeng, SHEN Anjiang, ZOU Weihong, ZHANG Lijuan, NI Xinfeng, ZHU Yongfeng (2081)                                     |
| n-alkanes and their Hydrogen Isotopic Compositions of Sediments in Chaka Salt Lake and Terrestrial Plants in Adjacent Areas in China .....                                | DUAN Yi, XIA Jia, HE Jinxian, ZHANG Xiaoli, XU Li, WU Baoxiang (2092)                                                       |
| Contents of Vol. 85, Nos. 1~12 .....                                                                                                                                      | (2098)                                                                                                                      |