

## 第1期

- 青藏高原大陆动力学研究若干进展 ..... 许志琴 杨经绥 侯增谦 张泽明 曾令森 李海兵 张建新 李忠海 马绪宣(1)  
 汶川地震断裂带多次地震活动新证据 ..... 裴军令 周在征 李海兵 王 焕 刘 锋 盛 美 赵 越(43)  
 浙江南部丽水盆地地层时代及构造演化 ..... 马之力 李建华 张岳桥 董树文 宋传中 李 勇(56)  
 内蒙古石哈河地区黑云母二长花岗岩LA-ICP-MS锆石U-Pb年龄及其地质意义 ..... 郝增元 牛永峰 陈萌超 高 勇 陈海东 牛雪妮(72)  
 内蒙古中部和林—凉城一带石榴花岗岩LA-ICP-MS锆石U-Pb年龄及构造意义 ..... 陈海东 王子龙 鲁 宁 银 海 何国强(81)  
 北山风雷山地区白山组流纹岩LA-ICP-MS锆石U-Pb年龄及构造环境 ..... 贾元琴 赵志雄 许 海 王新亮 刘 强 王金荣(91)  
 新疆西准噶尔玛依勒山地区阔依塔斯杂岩体地球化学特征及锆石U-Pb年龄 ..... 靳 松 荣桂林 张兆祎 李天刚 彭朝晖 吴立昂(99)  
 哀牢山构造带南段扭只二长花岗斑岩地球化学特征及其锆石U-Pb年代学研究 ..... 孙崇波 李忠权 王道永 许远平 李友余(111)  
 湘南魏家钨矿区祥林铺岩体锆石LA-MC-ICP-MS U-Pb测年——对南岭西端晚侏罗世钨矿成岩成矿作用的指示 ..... 赵盼捞 袁顺达 原娅斌(120)  
 滇西始新世巍山岩体的岩石学成因及构造意义 ..... 贾儒雅 廖世勇 刘 锋 叶春林(132)  
 西藏朗县地区增生楔杂岩带90 Ma岛弧型深成岩浆活动和意义 ..... 李奋其 李益多 张士贞 李 勇(142)  
 湘南—桂东北地区寒武—奥陶纪沉积岩碎屑锆石U-Pb年代学特征及其地质意义 ..... 张 雄 曾佐勋 刘 伟 潘黎黎 杨宝忠 刘建雄 魏运许 贺赤诚 李绍凡(153)  
 福建省永定大排铁铅锌多金属矿床特征及成矿时代 ..... 赵希林 于胜尧 余明刚 姜 杨 刘 凯 毛建仁(174)  
 内蒙古赤峰维拉斯托大型锡多金属矿的地质地球化学特征 ..... 祝新友 张志辉 付 旭 李柏阳 王艳丽 焦守涛 孙雅琳(188)  
 云南格咱岛弧带南缘铜厂沟斑岩型铜钼矿床硫铅同位素特征与成矿物质来源示踪 ..... 刘学龙 李文昌 张 娜 杨富成 康 健 张 骅(209)  
 胶东大邓格金多金属矿床地质地球化学特征及意义 ..... 李 杰 宋明春 李世勇 周晓剑 宋英昕 丁正江 杨立新 王珊珊 姜 帆 李 倩(221)  
 滇西北北衙金矿床万硐山一笔架山矿段构造地球化学特征 ..... 王明志 韩润生 王 雷 刘 飞 郭钰心胡 谭 威(238)  
 大巴山地区水系沉积物地球化学特征及找矿方向 ..... 刘劲松 邹先武 汤朝阳 崔 森 夏 杰 赵武强 金世超 龚银杰(249)  
 内蒙古新地沟金矿床中金的赋存状态研究 ..... 刘华南 刘家军 代鸿章 陶银龙 王 雷 王建锋 杜映东 范云飞(261)  
 昭通示范区黄金坝气田五峰—龙马溪组页岩气储层地质特征 ..... 伍坤宇 张廷山 杨 洋 梁 兴 周松源 张 朝(275)  
 准噶尔盆地南缘页岩气形成条件与有利区预测 ..... 王怡然 吴天琦 田继军 杨曙光 王长江 张国庆 韦 波 李 乐 樊 奇(288)  
 羌塘盆地羌资3井索瓦组泥岩生物标志化合物特征及其地质意义 ..... 杜佰伟 彭清华 何江林(298)  
 微生物碳酸盐岩沉积特征研究——以四川盆地高磨地区灯影组为例 ..... 王文之 杨跃明 文 龙 罗 冰 罗文军 夏茂龙 孙赛男(306)  
 黄河三角洲滨海湿地演化过程中的碳埋藏效率及其控制因素 ..... 丁喜桂 王吉松 赵广明 袁红明 王 锦 叶思源(319)  
 徐家围子断陷火山岩储层裂缝发育特征及主控因素 ..... 刘国平 曾联波 雷茂盛 祖克威 刘 奇 王 菲 李文芳(329)  
 过程响应理论及其在湘相碳酸盐岩中的应用——以辽河西西部凹陷中北部地区Es<sub>4</sub>为例 ..... 王青春 贺 萍 王对兴 危宇宁 武新民(338)  
 江西南部震旦—寒武纪寻乌岩组变沉积岩地球化学特征及构造意义 ..... 杨世文 楼法生 杨坤光 张芳荣 凌国卿 曹员兵(349)  
 《中国地质》入选“2015中国最具国际影响力学术期刊” ..... (365)  
 关于谨防假冒《中国地质》网站的声明 ..... (366)  
 《中国地质》官网截图 ..... (封三)

## 第2期

- 热幔—冷壳背景下的高角度俯冲:海相火山岩型铁矿的形成 ..... 张招崇 柴凤梅 谢秋红(367)

内蒙古东乌旗晚古生代闪长岩、二长花岗岩年代学特征及岩石成因…… 李 敏 李 敏 程银行 任邦方 李艳锋 张天福(380)
辽西建平烧锅营子金矿花岗岩的锆石U-Pb年代学、地球化学特征及地质意义
..... 陈井胜 彭艳东 刘 森 邢德和 李歲歲(395)
浙西北平水铜矿细碧角斑岩成岩年龄及其地质意义 ..... 陈 辉 倪 培 陈仁义 吕志成 庞振山 王国光 袁慧香(410)
滇西勐养花岗岩体暗色包体的地球化学特征及成因 ..... 邹光富 毛 琼 丛 峰 林仕良 李再会 高永娟(419)
内蒙古大座子山铜多金属矿火山岩地球化学、Sr-Nd同位素特征及地质意义
..... 顾玉超 贾 斌 余昌涛 张春晖 时 溢 李玉鹏 丛龙江(432)
秦岭一大别造山带(湖北段)重力场特征与造山带构造 ..... 梁学堂 毛新武 曾春芳 胡正祥 杨廷安 吴 军 余文杰(446)
吉尔吉斯斯坦中天山地质特征及研究进展 ..... 陈 博 马中平 孟广路 王 斌 曹积飞 李文渊(458)
渤海湾盆地晚中生代以来伸展模式及动力学机制 ..... 赵 利 李 理(470)
塔里木盆地沙雅隆起北部一元古代潜山气藏地层特征与时代研究
..... 韩 强 李宗杰 王 超 杨子川 闫 亮 孟庆龙 李弘艳 赵 渊(486)
阿尔泰递增变质带中夹层石英岩的LA-ICP-MS碎屑锆石U-Pb年龄:对沉积时限及物源的限定
..... 于根旺 王 伟 赵 越 刘江楠 初 航 张颖慧(500)
北京凹陷北缘第四纪凹陷盆地沉积速率变化特征与顺义断裂活动性的响应关系
..... 张 磊 何 静 白凌燕 蔡向民 王继明 杨天水(511)
萍乐坳陷上二叠统乐平组泥页岩储层特征 ..... 俞宽坤(520)
内蒙古长汉卜罗铅锌银矿床流体包裹体研究 ..... 解洪晶 王玉往 王莉娟 蒋 炜 张云国 寇海川 孙志远(531)
沉积型钼土矿及其含矿岩系在溶蚀洼地中的沉积特征——以遵义后槽矿区为例 ..... 刘 平 廖友常 张雅静(546)
新疆吐哈盆地页岩气富集条件与有利区预测 ..... 石司宇 田继军 王长江 韦 波 杨曙光 李 乐(564)
柴北缘大煤沟组七段( $J_3 d'$ )页岩油资源潜力评价——以大煤沟地区为例 ..... 汤 艳 张云鹏 李永红(575)
甘肃北山拾金坡—南金滩地区水系沉积物地球化学特征及找矿远景
..... 王 磊 杨建国 王小红 齐 琦 全守村 李文明 姜安定 张洲远(585)
白云鄂博REE-Nb-Fe矿床地质与航磁、航放特征及其对找矿工作的启示
..... 王继春 翟裕生 宋崇宇 王志利 周路路 张占飞 胡巧娥(594)
烃汞综合气体测量法在冲洪积覆盖区找矿的可行性探讨
..... 曾 旭 陈远荣 林立保 段 炼 洪文帅 徐建东 吴 二 祝 涛(607)
煤田资料的铀矿二次开发技术及其找矿意义——以二连盆地ZS煤田铀矿点的发现为例 ..... 吴兆剑 韩效忠(617)
安溪茶园土壤团聚体组成及其对元素分配的影响 ..... 周国华 贺 灵 白金峰 马 娜 孙彬彬 曾道明 周子琦 朱晓婷(628)
塔中北坡中奥陶统一间房组碳同位素地层学研究 ..... 张智礼 李慧莉 熊 平 宋丹丹(638)
滇西昌宁更戛乡下泥盆统向阳寺组硅质岩地球化学特征及构造环境探讨
..... 胡元邦 侯中健 邓江红 李 峰 林寿海 杨蜜蜜(650)
天津滨海土壤盐分离子相关性及采样密度研究 ..... 李攻科 王卫星 曹淑萍 程绪江 刘永涛 张亚娜(662)
柳江盆地浅层地下水硝酸盐背景值研究 ..... 廖 磊 何江涛 曾 颖 彭 聪 黄德亮(671)
石家庄城市土壤重金属空间分布特征及源解析 ..... 崔邢涛 栾文楼 宋泽峰 马云超(683)
资料数据集成与服务研究——以整装勘查区地质工作为例 ..... 王新春 齐钒宇 李晓蕾 高学正(691)
《中国地质》微信公众平台开通 ..... (698)

### 第 3 期

努力创造有宏观影响的大成果——中国区域地质志编纂的阶段性成果
..... 李廷栋 卢民杰 丁孝忠 姚建新 耿树方 张 恒(699)
关于板块运动启动时间的争论
..... 陆松年 王惠初 郝国杰 相振群(709)
识别洋陆转换的岩石学思路——洋内弧与初始俯冲的识别
..... 肖庆辉 李廷栋 潘桂棠 陆松年 丁孝忠 邓晋福 冯益民 刘 勇 寇彩化 杨琳琳(721)
福建东山变质岩LA-ICP-MS同位素年龄及其地质意义
..... 黄长煌(738)
祁连南缘柴达木山复式花岗岩体中部二长花岗岩锆石U-Pb定年及其地质意义
..... 朱小辉 王洪亮 杨 猛(751)

内蒙古凉城蛮汗山石榴石二长花岗岩 LA-MC-ICP-MS 锆石 U-Pb 年龄及成因讨论	张玉清 张 婷 陈海东 张永清(768)
广西大瑶山东南缘早古生代 TTG 侵入岩石组合的确定及其区域构造意义	许 华 倪战旭 黄炳诚 韩淑朋 王翠云 陈 杨(780)
东昆仑东段东昆中构造混杂岩带长石山蛇绿岩年代学、地球化学特征及其构造意义	祁晓鹏 杨 杰 范显刚 崔建堂 蔡振锋 曾献文 魏 伟 屈小相 翟黎明(797)
浙江“陈蔡增生杂岩”中洋内弧型变基性火山岩的地球化学特征及其地质意义	董学发 余盛强 唐增才 肖庆辉 袁 强 陈忠大 周宗尧 吴小勇(817)
山东省济宁群形成时代探讨	宋明春 焦秀美 张成基 张增奇 李世勇 李培远(829)
贵州省梵净山区新元古代岩浆活动的年代学格架及其大地构造意义	王 敏 戴传固 陈建书 王雪华 马会珍(843)
滇中地区昆阳群物源及构造环境	纪星星 周 诗 陈 棋 刘德民 李德威(857)
北京平原区地质剖面的初步建立——太古宙结晶基底和元古宙地层	吕金波 郑桂森 李良景 王海波 刘 凯 王纯君(879)
北京地区太古宙变质地层研究新进展	方同明 孙永华 刘 鸿 程新彬 吴虎峻 尤世娜 吕金波(890)
湘黔桂相邻区新元古代时期裂谷盆地充填序列与地层格架	陈建书 戴传固 彭成龙 王 敏 卢定彪 王雪华 骆 珊(899)
河北承德路通沟剖面寒武系层序地层划分	赵新伟 曾 伟(921)
湘中南中一晚奥陶世硅质岩地球化学特征及其对奥陶纪盆地演化的启示	何垚砚 牛志军 杨文强 宋 芳 王晓地 贾小辉(936)
桂西右江盆地伸展构造特征	张 能 黄启明 谭建政 李 江(953)
冀京津地区燕山构造旋回岩石圈演化探讨	张振利 张鑫全 魏文通 潘志龙 刘 策 徐焱焱 田粉英 赵玮莹(969)
北祁连石灰沟奥陶纪中堡群滑塌堆积特征及其古地理环境意义	白建科 王洪亮 朱小辉 谢从瑞(977)
新疆喀喇昆仑山地区泥盆纪地层划分与特征	郭建强 王照亮 何小敏(987)
内蒙古阿木山组	张玉清 张 婷(1000)
西藏措勤盆地川巴地区下白垩统沉积相及含煤性研究	刘 磊 邵龙义 黄 继 李 猛 张玉法 苏时才(1016)
一幅新的第四纪地质及地貌图的编制——以宁夏与山东为例	閔隆瑞 王 永 王 成 许克民 庞健峰 迟振卿 董 进(1026)
内蒙古中部全新统沉积特征与地层划分	江 南 王 永 閔隆瑞 杨劲松 董 进 迟振卿 姚培毅(1033)
祁连山及邻区第四纪地层区划与沉积序列	杨利荣 岳乐平 王洪亮 张 睿 郭怀军 朱小辉 张云翔 弓虎军(1041)
北京平原地区第四纪地质研究新进展	蔡向民 张 磊 郭高轩 尤世娜 方同明 吕金波 梁亚楠(1055)
北京后沙峪凹陷的第四纪地层划分与构造演化	周 毅 郭高轩 张 磊 蔡向民 雷坤超(1067)
北京平原沙河凹陷第四纪磁性地层学研究及其新构造运动的沉积响应	张 磊 张晓亮 白凌燕 蔡向民 王继明 杨天水(1076)
<b>简讯</b>	
《中国地质》实现全文结构碎片化上网	(1085)
《中国地质》关于采用 DOI 注册服务的声明	(1086)

#### 第 4 期

##### 本期特稿

祁连山新元古代中—晚期至早古生代火山作用与构造演化	夏林圻 李向民 余吉远 王国强(1087)
<b>基础地质</b>	
唐古拉地区拉卜查日组牙形石的发现、锶同位素组成及地层学意义	陈奋宁 计文化 张海军 陈守建 辜平阳 杜兵盈(1139)
阿尔金南缘帕夏拉依档沟斜长角闪岩年代学、地球化学及其构造意义	毕政家 曾忠诚 张昆昆 曹同礼 刘德民 陈 宁 赵江林 李 琦 李德威(1149)
东昆仑热水钼矿区似斑状黑云母二长花岗岩元素地球化学及年代学研究	国显正 贾群子 李金超 孔会磊 栗亚芝 许荣科 南卡俄吾(1165)
赣东北蛇绿岩地幔橄榄岩岩石成因及其地质意义	王存智 黄志忠 邢光福 余明刚 洪文涛(1178)
内蒙古兴安盟杜尔基地区花岗岩矿物学特征和 Hf 同位素研究	陈丽丽 程志国(1189)
碎屑沉积岩/沉积物 Sm-Nd、U-Pb 与 Hf 同位素的化学地球动力学意义	陈岳龙 李大鹏 包 创 李 兆 刘长征(1200)
藏北羌塘盆地基底的地质构造演化:来自侏罗纪雁石坪群砂岩碎屑锆石 U-Pb 同位素年代学证据	李江涛 梁 斌 何文劲 徐 刚 文 龙 谢启兴(1216)
北美塘盆地沃若山地区早侏罗世雀莫错组砂岩地球化学特征与物源判别意义	冯兴雷 付修根 谭富文 宋春彦 陈文彬(1227)
鄂尔多斯盆地东北部差异隆升过程裂变径迹分析	丁 超 陈 刚 郭 兰 张文龙 师晓林 徐小刚 刘 腾(1238)
中吉天山隆升时代对比——裂变径迹年代学证据	楚泽松 余心起 王宗秀 肖伟峰 陈正乐 韩淑琴 杨鑫朋(1248)

北京平原区黄庄—高丽营断裂北段结构特征及活动特点研究	张晓亮	张磊	蔡向民	白凌燕(1258)				
贝尔凹陷苏德尔特构造带的形成与演化	谢昭涵	鲜地	罗静爽	杨宝泉	乐靖	王少波(1266)		
东北大三江盆地群早白垩世存在统一湖盆的沉积学证据	张云鹏	任建业	王珊	赵学钦(1280)				
贵州独山下二叠统梁山组地球化学特征及其沉积环境意义	张国涛	彭中勤	王传尚	李志宏(1291)				
<b>能源地质</b>								
轮古东走滑断裂破碎带结构及与油气关系	韩杰	袁源	洪涛	吴梅莲	裴广平	刘俊锋	张蕾(1304)	
柴达木盆地一里坪坳陷新生界咸化特征及生烃潜力分析	王艳清	张永庶	夏志远	杨体源	宋光永	徐峰	刘占国(1317)	
鄂尔多斯盆地含水地区长7致密油岩性岩相类型识别及其应用	冉治	王贵文	周正龙	赖锦	代全齐	陈晶	范旭强	王抒忱(1331)
<b>矿床地质</b>								
东昆仑祁漫塔格地区白干湖钨锡矿田白云母 <sup>40</sup> Ar/ <sup>39</sup> Ar定年及地质意义	郑震	陈衍景	邓小华	岳素伟	陈红瑾(1341)			
胶东院格庄岩体中辉钼矿Re-Os同位素测年及其地质意义	朱保霖	柳振江	成少博	薛玉山	王建平	徐磊(1353)		
内蒙古达茂旗官忽洞矽卡岩型铜矿床地质、地球化学特征及其意义	李志丹	陈军强	王佳营	文思博	肖志斌	汤超	刘行	俞初安(1367)
张家口高家庄多金属矿床成矿时代厘定及其地质意义	李随民	韩玉丑	魏明辉	邢欢	李森文	李玉红(1385)		
甘肃龙首山成矿带新水井铀(钍)矿床元素迁移规律及成矿作用过程研究	钟军	范洪海	顾大钊	王生云	陈金勇	史长昊	李恒强(1393)	
坦桑尼亚姆瓦莫拉金矿综合找矿模式	李水平	袁杨森	司建涛	荆鹏	孙进	张雷	(1409)	
<b>水文·工程·环境地质</b>								
河北平原农田土壤重金属元素Pb、Hg地球化学行为的影响因素	蔡奎	段亚敏	栾文楼	李倩	马云超(1420)			
西藏地热异常区热储温度及其地质环境效应	王鹏	陈晓宏	沈立成	肖琼	吴孝情(1429)			
基于环境同位素分析吐鲁番盆地地下水水流系统	蔡月梅	王文祥	张明江	殷秀兰	蔡五田	王瑞久	李文鹏(1439)	
毕节市北部岩溶地下水水化学特征及影响因素的多元统计分析	袁建飞	邓国仕	徐芬	唐业旗	李鹏岳(1446)			
北京平原区地面沉降水准监测网点位优化	雷坤超	罗勇	陈蓓蓓	郭高轩	贾三满	田芳	周毅(1457)	
<b>其他</b>								
群策群力 打造精品——写在落实局党组“改造《中国地质》成为一流期刊”重大决策之际						本刊编辑部(封二)		
《中国地质》(双月刊)稿约						(1468)		
《中国地质》编辑部网站全文结构碎片化阅读截图						(封三)		

## 第5期

### 本期特稿

全国地球化学基准网建立与土壤地球化学基准值特征	王学求	周建	徐善法	迟清华	聂兰仕	张必敏	姚文生	王玮	刘汉粮	刘东盛	韩志轩	柳青青(1469)
<b>基础地质</b>												
云岗盆地晚中生代沉积-火山充填序列及其构造意义	李振宏	渠洪杰	杨永恒	公王斌(1481)								
铜陵矿集区深部发现126 Ma的正长花岗岩:来自3000 m科学钻探的证据	吴才来	董树文	王陆太	王次松	雷敏	吴迪(1495)						
铜陵矿集区舒家店矿区中酸性侵入岩锆石U-Pb年代学研究	李名则	吴才来	雷敏	邬源红	王楠(1514)							
新疆中天山干沟一带晚石炭世花岗岩的岩石成因及其地质意义	冯光英	杨经绥	刘飞	牛晓露	高健(1545)							
赣南盘古山钨矿隐伏花岗岩体岩石学与地球化学特征	方贵聪	陈毓川	陈郑辉	曾载淋	刘翠辉	童啟荃	孙杰	朱国华(1558)				
塔中隆起NNE向走滑断裂特征及形成机制	杨勇	汤良杰	郭颖	谢大庆(1569)								
南岭科学钻探青白口系中发现381 Ma流纹岩	赵正	王宗起	陈毓川	郭娜欣	陈郑辉	郑瑜林	王浩洋	曾载淋(1579)				
<b>矿产勘查</b>												
对华南矿产资源深部探测若干问题的探讨——以若干超大型矿床深部找矿突破为例	王登红(1585)											
藏北多龙矿集区荣那斑岩铜矿找矿突破的实践	汪东波	江少卿	董方浏(1599)									
南岭科学钻探(NLSD-1)矿化规律与深部找矿方向	赵正	陈毓川	郭娜欣	陈郑辉	王登红	曾载淋	何绍森(1613)					
湖南大义山岩体白沙子岭矿区钨锡矿深部找矿探索	曾钦旺	彭陆军	田威武	钱滔	游光辉	陈雨林	龙利(1625)					
邯郸娄里金矿床原生晕垂向分带特征研究	李随民	李玉成	韩玉丑	孔令海	赵淑梅	王京涛	王俊革(1637)					
南岭科学钻探一孔中岩浆岩的矿物特征及其对成岩、成矿作用的指示意义	郭娜欣	陈毓川	吕晓强	陈郑辉	赵正	(1645)						

## 地球物理

沿雅鲁藏布江缝合带东坡、日喀则等蛇绿岩体磁异常特征及其找矿标志 ..... 姜 枚 杨经绥 张立树 张聿文 彭 森 李庆庆(1666)

深反射地震数据揭示的拉萨地体北部到羌塘地体南部地壳厚度的变化 ..... 卢占武 高 锐 李洪强 李文辉 熊小松 徐泰然(1679)

腾冲火山构造区马站岩浆囊地球物理特征的再探讨 ..... 姜 枚 谭捍东 彭 森 钱荣毅 张聿文 李庆庆 张立树 许乐红 郭 帅(1688)

## 地球化学

盆地金属矿穿透性地球化学勘查模型与案例 ..... 张必敏 王学求 徐善法 姚文生 叶 荣(1697)

云南冬瓜林金矿床原生叠加晕特征与深部找矿 ..... 周向科 王建国 刘荫椿 雷恒永 李光景(1710)

WFSD-4S孔流体地球化学特征 ..... 劳昌玲 唐力君 罗立强 夏 瑜 龚 正(1721)

## 非主题来稿

新疆卡拉麦里清水东斜长花岗岩的锆石U-Pb年龄及地质意义 ..... 聂晓勇 刘家军 苏大勇 章享云(1729)

东昆仑土鲁音花岗岩的地球化学、锆石U-Pb年龄及地质意义 ..... 董亮琼 董国臣 黄 慧 白 洋(1737)

北京北部千家店土城子组LA-ICP-MS锆石U-Pb同位素测年及启示 ..... 焦润成 贺瑾瑞 王荣荣 王强强 回广骥(1750)

太行山北段赤瓦屋铜钨矿化区花岗质岩石的锆石U-Pb年龄及其地质意义 ..... 李瑞玲 段 超 陈志宽 李 伟 张志远(1761)

内蒙古乌拉特中旗图古日格金矿辉钼矿Re-Os同位素年龄及其意义 ..... 张 锋 李志丹 王佳营 陈军强 文思博 李 超 邵国钰 赵宇川 俞初安(1771)

老挝普老地区多金属矿地球化学异常特征及找矿前景 ..... 李玉松 张玉清 马立柯(1780)

江苏宜溧富硒稻米产区地质地球化学背景 ..... 廖启林 任静华 许伟伟 崔晓丹 金 洋 李文博 范 健 朱伯万(1791)

珠江三角洲沙湾断裂带第四纪活动性研究 ..... 董好刚 路 韶 何万双 黎义勇 曾 敏(1803)

川甘陕交汇地区现今地应力环境与地震危险性 ..... 戚帮申 张 鹏 丰成君 辛 鹏 孟 静 谭成轩 吴树仁 杨肖肖 陈群策 胡道功(1814)

## 其他

2015年度地质科学类期刊前30名影响因子排序表 ..... (1828)

《中国地质》实现全文结构碎片化上网 ..... (封二)

《中国地质》(双月刊)稿约 ..... (封三)

欢迎订阅2017年《中国地质》(双月刊) ..... (封四)

## 第 6 期

地调百年传薪火 砥砺奋进谱新篇(序言) ..... 钟自然(i)

## 本期特稿

青藏高原东部晚新生代重大构造事件与挤出造山构造体系 ..... 张岳桥 李海龙(1829)

## 基础地质

南阿尔金花岗岩锆石Lu-Hf同位素特征及岩石成因 ..... 吴才来 雷 敏 张 睿 陈红杰 吴 迪 李天啸(1853)

华北克拉通南缘鲁山太古宙基底的形成和演化 ..... 谢士稳 颜顽强 刘守偈 董春艳(1884)

西藏色那铜(金)矿床石英闪长玢岩年代学、地球化学与岩石成因

韦少港 宋 扬 唐菊兴 高 轲 冯 军 李彦波 侯 淳(1894)

内蒙古东乌旗宾巴勒查干三叠纪两次岩浆活动:年代学记录、岩石成因及构造背景

杨俊泉 刘永顺 张素荣 杨永恒 张 锋 戎 合(1913)

内蒙古西乌旗地区晚石炭世石英闪长岩的岩石成因及构造意义

马士委 周志广 柳长峰 李瑞杰 来 林 张学斌 孟元库(1932)

内蒙古巴林左旗九井子蛇绿岩锆石U-Pb定年:对西拉木伦河缝合带形成演化的约束

刘建峰 李锦轶 孙立新 殷东方 郑培奎(1947)

长白山天池火山造锥阶段玄武质火山活动期次划分及成因探讨

钱 程 崔天日 唐 振 江 瑛 张 超 秦 涛 陆 露 陈会军 吴 桐(1963)

云南建水煌斑岩年代学和地球化学及其构造意义 ..... 刘 娇 周 洋 谢德根 纪星星 李德威(1977)

## 桂北四堡群火山岩锆石 SHRIMP 年龄及其地层学意义

李利阳 游国庆 张传恒 贾龙龙 韩 瑶 张 恒 刘 博 冯 欣 李新发 张金龙(1992)  
库鲁克塔格早寒武世泥质岩的地球化学特征及其地质意义

刘 文 吴春明 吕新彪 杨恩林 王祥东 汪一凡 吴建亮(1999)

柴达木盆地北缘欧龙布鲁克微地块早古生代岩相古地理 马 帅 陈世悦 孙娇鹏 邵鹏程 汪 峰 王志金(2011)

长江三角洲 NB5 孔第四纪地层划分及环境变化信息 缪卫东 李世杰 冯金顺 高 立 鄂 建(2022)

二连盆地乌尼特坳陷伸展构造特征及成盆演化 苗全芸 漆家福 肖 阳 王利爽 曾 婷 张 洁(2036)

## 能源地质

### 环开江—梁平海槽长兴组台缘礁滩相储层特征及成岩作用

苏成鹏 谭秀成 刘 宏 唐 浩 黎虹伟 王高峰 唐雪松 张琪业 廖义沙(2046)

鄂尔多斯盆地东缘海陆过渡相页岩气储层孔隙特征及影响因素 郁兆栋 田忠斌 唐书恒(2059)

鸭绿江盆地长白坳陷成藏条件分析及油气勘探前景 吴佳忆 施尚明(2070)

陕西省关中盆地东大地热田成因机制分析 李修成 马致远 张雪莲 郭 森 孟 阳 党书生(2082)

## 矿床地质

辽东宽甸东北沟钼矿二长花岗岩年代学、地球化学及 Hf 同位素特征 张 朋 陈 冬 寇林林 赵 岩 杨宏智(2092)

黑龙江省嫩江县三矿沟 Cu-Fe-Mo 矿床岩浆岩成因研究 李德荣 牛延宏 崔 根 王秋阳(2104)

河北省木吉村铜(钼)矿床蚀变分带过程中元素迁移定量分析

陈 超 牛树银 张建珍 马宝军 张福祥 孙爱群 王宝德 张 醒 张浩亮 马国玺 陈志宽(2118)

南泥湖—三道庄钼(钨)矿床中矽卡岩的形成过程及其与钼钨矿化的关系

向君峰 裴荣富 邢 波 王春毅 田志恒 陈晓丹 叶会寿 王浩琳(2131)

张家口梁家沟铅锌银多金属矿床同位素特征及矿床成因 李随民 韩玉丑 魏明辉 陈树清 李森文 李玉红(2154)

广东玉水铜多金属矿床流体包裹体特征及地质意义 蒋斌斌 祝新友 程细音 王 海(2163)

黔北大竹园地区铝土矿含矿岩系沉积环境及形成机制 刘 平 廖友常 张雅静(2173)

鄂尔多斯盆地东部马家沟组含钾蒸发岩系沉积机制及保存条件

杨 帅 陈安清 陈洪德 张成弓 苏中堂 赵俊兴 付斯一(2192)

## 地质遗迹

青海可可西里地质遗迹及其构造演化 刘持恒 李江海 崔 鑫 许 丽 范庆凯 王 辉 张红伟(2202)

## 水文·工程·环境地质

北京平原区地面沉降分布特征及影响因素 雷坤超 罗 勇 陈蓓蓓 郭高轩 周 毅(2216)

## 地质信息

关于物联网技术在实物地质资料管理与服务中的应用研究 高志新 米胜信 缪谨励 吴晓红 姚聿涛 王 琳 周 游(2229)

## 地调百年纪念

从百年前实习报告看地质先辈的治学精神 贾丽琼 吴 轩 李晓蕾 孔昭煜 商云涛 高学正 齐钒宇 郭 慧(2239)

## 其他

《中国地质》荣获“2016 中国最具国际影响力学术期刊”称号 (2243)

2017 年《中国地质》(双月刊)稿约 (2244)

《中国地质》2016 年总目次 (I)

# GEOLOGY IN CHINA 2016(Vol.43)CONTENTS

## No.1

The progress in the study of continental dynamics of the Tibetan Plateau .....	XU Zhi-qin, YANG Jing-sui, HOU Zeng-qian, ZHANG Ze-ming, ZENG ling-sen, LI Hai-bing, ZHANG Jian-xin, LI Zhong-hai, MA Xu-xian(1)
New evidence of repeated earthquakes along Wenchuan earthquake fault zone .....	PEI Jun-ling, ZHOU Zai-zheng, LI Haibing, WANG Huan, LIU Feng, SHENG Mei, ZHAO Yue(43)
Geochronological and structural constraints on the litho-stratigraphic units of the Lishui Basin, southeastern China .....	MA Zhi-li, ZHANG Yue-qiao, LI Jian-hua, DONG Shu-wen, SONG Chuan-zhong, LI Yong(56)
LA-ICP-MS zircon U-Pb dating of the biotite monzonitic granite from Shihahae area in Inner Mongolia and its geological significance .....	HAO Zeng-yuan, NIU Yong-feng, CHEN Meng-chao, GAO Yong, CHEN Hai-dong, NIU Xue-ni(72)
Zircon LA-ICP-MS U-Pb age and tectonic significance of the garnet granites from Helin-Liangcheng zone of Central Inner Mongolia .....	CHEN Hai-dong, WANG Zi-long, LU Ning, YIN Hai, HE Guo-qiang(81)
Zircon LA-ICP-MS U-Pb dating of and tectonic setting of rhyolites from Baishan Formation in Fangleishan area of the Beishan orogenic belt .....	JIA Yuan-qin, ZHAO Zhi-xiong, XU Hai, WANG Xin-liang, LIU Qiang, WANG Jin-rong(91)
Geochemical characteristics and zircon U-Pb ages of the Kuoyitasi complex body from Mayileshan area in western Junggar, Xinjiang .....	JIN Song, RONG Gui-lin, ZHANG Zhao-yi, LI Tian-gang, PENG Zhao-hui, WU Li-ang(99)
Petrogeochemistry and zircon U-Pb chronology of the Niuzhi monzonitic porphyry in southern segment of Ailao Mountain tectonic belt .....	SUN Chong-bo, LI Zhong-quan, WANG Dao-yong, XU Yuan-ping, LI You-yu(111)
Zircon LA-MC-ICP-MS U-Pb dating of the Xianglinpu granites from the Weijia tungsten deposit in southern Hunan Province and its implications for the Late Jurassic tungsten metallogenesis in the westernmost Nanling W-Sn metallogenic belt .....	ZHAO Pan-lao, YUAN Shun-da, YUAN Ya-bin(120)
Petrogenesis and tectonic implications of the Eocene Weishan pluton from western Yunnan .....	JIA Ru-Ya, LIAO Shi-Yong, LIU Zheng, YE Chun-Lin(132)
The 90 Ma island-arc type plutonism in the subduction-accretionary complex in Langxian County area, Tibet .....	LI Fen-qi, LI Yi-duo, ZHANG Shi-zheng, LI Yong(142)
Detrital zircon geochronology of Cambrian-Ordovician sedimentary rocks in southern Hunan-Northeast Guangxi area and its tectonic implications .....	ZHANG Xiong, ZENG Zuo-xun, LIU Wei, PAN Li-li, YANG Bao-zhong, LIU Jian-xiong, WEI Yun-xu, HE Chi-cheng, LI Shao-fan(153)
Geological characteristics and metallogenic epochs of the Dapai Fe-Pb-Zn polymetallic deposit in Yongding County, Fujian Province .....	ZHAO Xi-lin, YU Sheng-yao, YU Ming-gang, JIANG Yang, LIU Kai, MAO Jian-ren(174)
Geological and geochemical characteristics of the Weilasito Sn-Zn deposit, Inner Mongolia .....	ZHU Xin-you, ZHANG Zhi-hui, FU Xu, LI Bo-yang, WANG Yan-li, JIAO Shou-tao, SUN Ya-li(188)
Characteristics of sulfur and lead isotopes and tracing of mineral sources in the Tongchanggou porphyry Mo(Cu) deposit at the southern edge of Geza arc belt, Yunnan .....	LIU Xue-long, LI Wen-chang, Zhang Na, YANG Fu-cheng, KANG Jian, ZHANG Biao(209)
Geological and geochemical features of the Dadengge gold polymetallic deposit in Jiaodong Peninsula .....	LI Jie, SONG Ming-chun, LI Shi-yong, ZHOU Xiao-jian, SONG Ying-xin, DING Zheng-jiang, YANG Li-xin, WANG Shan-shan, JIANG Fan, LI Qian(221)
Tectono-geochemical characteristics of Wandongshan-Bijashan ore block in the Beiya gold deposit, northwestern Yunnan .....	WANG Ming-zhi, HAN Run-sheng, WANG Lei, LIU Fei, GUO Yuxinyue, TAN Wei(238)
Geochemical characteristics of stream sediments and ore-prospecting orientation in Daba Mountain area .....	LIU Jin-song, ZOU Xian-wu, TANG Chao-yang, CUI Sen, XIA Jie, ZHAO Wu-qiang, JIN Shi-chao, GONG Yin-jie(249)
Modes of occurrence of gold in the Xindigou gold deposit, Inner Mongolia .....	LIU Hua-nan, LIU Jia-jun, DAI Hong-zhang, TAO Yin-long, WANG Lei, WANG Jian-feng, DU Ying-dong, FAN Yun-fei(261)
Geological characteristics of Wufeng-Longmaxi shale-gas reservoir in the Huangjinba gas field, Zhaotong National Shale Gas Demonstration Area .....	WU Kun-yu, ZHANG Ting-shan, YANG Yang, LIANG Xing, ZHOU Song-yuan, ZHANG Zhao(275)
Formation conditions and favorable exploration zones of shale gas on the southern margin of Junggar Basin .....	WANG Yi-ran, WU Tian-qi, TIAN Ji-jun, YANG Shu-guang, WANG Chang-jiang, ZHANG Guo-qing, WEI Bo, LI Le, FAN Qi(288)
Characteristics of biomarker compounds in the mudstone of Upper Jurassic Suowa Formation from QZ3 Well in Qiangtang Basin, northern Tibet .....	DU Bai-wei, PENG Qing-hua, HE Jiang-lin(298)
A study of sedimentary characteristics of microbial carbonate: A case study of the Sinian Dengying Formation in Gaomo area, Sichuan basin .....	WANG Wen-zhi, YANG Yue-ming, WEN Long, LUO Bing, LUO Wen-jun, XIA Mao-long, SUN Sai-nan(306)
Accretion rate and controlling factors of carbon and nutrients during coastal wetland evolution in Yellow River Delta .....	DING Xi-gui, WANG Ji-song, ZHAO Guang-ming, YUAN Hong-ming, WANG JIN, YE Si-yuan(319)
Fracture development characteristics and main controlling factors of the volcanic reservoir in Xujiaweizi fault depression .....	LIU Guo-ping, ZENG Lian-bo, LEI Mao-sheng, ZU Ke-wei, WANG Fei, LIU Qi, Li Wen-fang(329)
Process-response theory and its application to the Lacustrine carbonate rocks: A case study of the Es4 in the mid-northern part of the western sag of Liaohe depression .....	WANG Qing-chun, HE Ping, WANG Dui-xing, WEI Yu-ning, WU Xin-min(338)
The geochemical characteristics and tectonic significance of metasedimentary rocks in Sinian-Cambrian Xunwu rock group, southern Jiangxi Province .....	YANG Shi-wen, LOU Fa-sheng, YANG Kun-guang, ZHANG Fang-rong, LING Guo-qing, CAO Yuan-bing(349)

## No.2

- High-angle subduction in a thermal structure with warm mantle-cool crust: Formation of submarine volcanics-hosted iron deposits ..... *ZHANG Zhao-chong, CHAI Feng-mei, XIE Qiu-hong*(367)
- Chronology and petrogenesis of the diorite and monzonitic granite in Dong Ujimqin Banner, Inner Mongolia ..... *LI Min, LI Min, CHENG Yin-hang, LI Yan-feng, ZHANG Tian-fu*(380)
- Zircon U-Pb geochronology, geochemical characteristics and geological significance of the pluton in the Shaoguoyingzi gold ore deposit in Jianping, western Liaoning ..... *CHEN Jing-sheng, PENG Yan-dong, LIU Miao, XING De-he, LI Wei-wei*(395)
- Chronology and geological significance of spilite-keratophyre in Pingshui Formation, northwest Zhejiang Province ..... *CHEN Hui, NI Pei, CHEN Ren-Yi, LV Zhi-Cheng, PANG Zhens-han, WANG Guo-guang, YUAN Hui-xiang*(410)
- Geochemical characteristics and genesis of the mafic enclaves in Mengyang intrusion in the Tengchong block, western Yunnan ..... *ZOU Guang-fu, MAO Qiong, CONG Feng, LIN Shi-liang, LI Zai-hui, GAO Yong-juan*(419)
- Geochemistry and Sr-Nd isotopic characteristics of volcanic rocks in the Dazuoishan copper polymetallic deposit, Inner Mongolia, and their geological implications ..... *GU Yu-chao, JIA Bin, YU Chang-tao, ZHANG Chun-hui, SHI Yi, LI Yu-peng, CONG Long-Jiang*(432)
- Gravity field characteristics and orogenic belt structure of the Qinling-Dabie orogenic belt (Hubei section) ..... *LIANG Xue-tang, MAO Xin-wu, ZENG Chun-fang, HU Zheng-xiang, YANG Ting-an, WU-Jun, YU Wen-jie*(446)
- The progress in geological study of Middle Tianshan Mountains within Kyrgyzstan ..... *CHEN Bo, MA Zhong-ping, MENG Guang-lu, WANG Bin, CAO Ji-fei, LI Wen-yuan*(458)
- The extensional pattern and dynamics of Bohai Bay basin in Late Mesozoic-Cenozoic ..... *ZHAO Li, LI Li*(470)
- Characteristics and age of a Proterozoic buried hill reservoir in the northern Shaya uplift of the Tarim Basin ..... *HAN Qiang, LI Zong-jie, WANG Chao, YANG Zi-chuan, YAN Liang, MENG Qing-long, LI Hong-yan, ZHAO Yuan*(486)
- LA-ICP-MS detrital zircon U-Pb ages of interbedded quartzite from the metamorphic belt of the Chinese Altay: Constraint on depositional time and provenance ..... *YU Gen-wang, WANG Wei, ZHAO Yue, LIU Jiang-nan, CHU Hang, ZHANG Ying-hui*(500)
- The response relationship between the variation characteristics of deposition rate of Quaternary depression basin on the northern margin of Beijing depression and the activity of Shunyi fault ..... *ZHANG Lei, HE Jing, BAI Ling-yan, CAI Xiang-min, WANG Ji-min, YANG Tian-shui*(511)
- Reservoir characteristics of Upper Permian Leping Formation shale in Pingle depression ..... *YU Kuan-kun*(520)
- Fluid inclusions study of the Changhanboluo Pb-Zn-Ag deposit, Inner Mongolia ..... *XIE Hong-jing, WANG Yu-wang, WANG Li-juan, JIANG Wei, ZHANG Yun-guo, KOU Hai-chuan, SUN Zhi-yuan*(531)
- Sedimentary characteristics of sedimentary bauxite and ore-bearing rock series in corroded depression: A case study of the Houcao mining area in Zunyi ..... *LIU Ping, LIAO You-chang, ZHANG Ya-jing*(546)
- Geological controls of shale gas accumulation and favorable area prediction in Turpan-Hami Basin ..... *SHI Si-yu, TIAN Ji-jun, WANG Chang-jiang, WEI Bo, YANG Shu-guang, LI Le*(564)
- The potential evaluation of shale oil in the seventh member of Dameigou Formation( $J_2d'$ ) on the northern margin of Qaidam Basin: A case study of Dameigou area ..... *TANG Yan, ZHANG Yun-peng, LI Yong-hong*(575)
- Geochemical characteristics of stream sediments and prospecting direction in the Shijinpo-Nanjintan area of Beishan, Gansu Province ..... *WANG Lei, YANG Jian-guo, WANG Xiao-hong, QI Qi, QUAN Shou-cun, LI Wen-ming, JIANG An-ding, ZHANG Zhou-yuan*(585)
- A comprehensive comparative study of geological characteristics as well as aeromagnetic and aeroradiometric features of the Bayan Obo REE-Nb-Fe deposits and their implications for prospecting work ..... *WANG Ji-chun, SONG Chong-yu, WANG Zhi-li, ZHOU Lu-lu, ZHANG Zhan-fei, HU Qiao-e*(594)
- The feasibility of applying integrated hydrocarbon and mercury method to ore prospecting in alluvial coverage area ..... *ZENG Xu, CHEN Yuan-rong, LIN Li-bao, DUAN Lian, HONG Wen-shuai, XU Jian-dong, WU Er, ZHU Tao*(607)
- A new uranium exploring technical system for secondary development of coalfield data and its prospecting significance: A case study of the ZS coalfield, Erlian basin ..... *WU Zhao-jian, HAN Xiao-zhong*(617)
- Characteristics of soil aggregates of tea gardens in Anxi County, Fujian Province, and their influence on element distribution ..... *ZHOU Guo-hua, HE Ling, BAI Jin-feng, MA Na, SUN Bin-bin, ZENG Dao-ming, ZHOU Zi-qi, ZHU Xiao-tin*(628)
- A study of carbon isotope stratigraphy of the middle Ordovician Yijianfang Formation on the north slope of Tazhong area ..... *ZHANG Zhi-li, LI Hui-li, XIONG Ping, SONG Dan-dan*(638)
- Geochemical characteristics and tectonic environment discussion of chert from the Lower Devonian Xiangyangsi Formation in Genga, Changning, Western Yunnan ..... *HU Yuan-bang, HOU Zhong-jian, DENG Jiang-hong, LI Zheng, LIN Shou-hai, YANG Mi-mi*(650)
- Correlation of soil salt ions and sampling densities in Tianjin coastal area ..... *LI Gong-ke, WANG Wei-xing, CAO Shu-ping, CHENG Xu-jiang, LIU Yong-tao, ZHANG Ya-na*(662)
- A study of nitrate background level of shallow groundwater in the Liujiang Basin ..... *LIAO Lei, HE Jiang-tao, ZENG Ying, PENG Cong, HUANG De-liang*(671)
- A study of the spatial distribution and source of heavy metals in urban soil in Shijiazhuang City ..... *CUI Xing-tao, LUAN Wen-lou, SONG Ze-feng, MA Yun-chao*(683)
- Research on the geological data integration and service: A case study of geological work in the equipped exploration area ..... *WANG Xin-chun, QI Fan-yu, LI Xiao-lei, GAO Xue-zheng*(691)

## No.3

- Spare no efforts to create a great achievement with overall influence—Fruitful progress in the compilation of Regional Geology of China ..... *LI Ting-dong, LU Min-jie, DING Xiao-zhong, YAO Jian-xin, GENG Shu-fang, ZHANG Heng*(699)

The debate concerning the beginning of the plate tectonics	<i>LU Song-nian, WANG Hui-chu, HAO Guo-jie, XIANG Zhen-qun</i> (709)
Petrologic ideas for identification of ocean–continent transition: Recognition of intra-oceanic arc and initial subduction	<i>XIAO Qing-hui, LI Ting-dong, PAN Gui-tang, LU Song-nian, DING Xiao-zhong, DENG Jin-fu, FENG Yi-min, LIU Yong, KOU Cai-hua, YANG Lin-lin</i> (721)
Isotopic age of zircon of the Dongshan metamorphic rocks in Fujian Province and its geological significance	<i>HUANG Chang-huang</i> (738)
Zircon U–Pb age of the monzogranite from the middle segment of the Qaidam Mountain composite granite on the south margin of the Qilian Mountain	<i>ZHU Xiao-hui, WANG Hong-liang, YANG Meng</i> (751)
LA–MC–ICP–MS zircon U–Pb dating of garnet monzonitic granite in the Manhan Mountain of Liangcheng, Inner Mongolia, and its petrogenesis	<i>ZHANG Yu-qing, ZHANG Ting, CHEN Hai-dong, ZHANG Yong-qing</i> (768)
Determination of Early Paleozoic TTG intrusive rocks at the southeast edge of Dayao Mountain, Guangxi	<i>XU Hua, NI Zhan-xu, HUANG Bing-cheng, HAN Shu-peng, WANG Cui-yun, CHEN Yang</i> (780)
Age, geochemical characteristics and tectonic significance of Changshishan ophiolite in central East Kunlun tectonic mélange belt along the east section of East Kunlun Mountains	<i>QI Xiao-peng, YANG Jie, FAN Xian-gang, CUI Jian-tang, CAI Zhen-feng, ZENG Xian-wen, WEI Wei, QU Xiao-xiang, ZHAI Li-ming</i> (797)
Geochemical characteristics of the intra-oceanic arc type metabasic–volcanics in Chencai accretion complex of Zhejiang Province and their geological significance	<i>DONG Xue-fa, YU Sheng-qiang, TANG Zeng-cai, XIAO Qing-hui, YUAN Qiang, CHEN Zhong-da, ZHOU Zong-yao, WU Xiao-yong</i> (817)
An analysis of formation age of Jining Group in Shandong Province	<i>SONG Ming-chun, JIAO Xiu-meい, ZHANG Cheng-ji, ZHANG Zeng-qi, LI Shi-yong, LI Pei-yuan</i> (829)
Neoproterozoic geochronologic framework of magmatism in Fanjingshan area and its tectonic implications	<i>WANG Min, DAI Chuan-gu, CHEN Jian-shu, WANG Xue-hua, MA Hui-zhen</i> (843)
Provenance and tectonic setting of the Kunyang Group in central Yunnan Province	<i>JI Xing-xing, ZHOU Shi, CHEN Qi, LIU De-min, LI De-wei</i> (857)
Primary establishment of stratigraphic section in plain area of Beijing: Archean crystalline basement and Proterozoic strata	<i>LV Jin-bo, ZHENG Gui-sen, LI Liang-jing, WANG Hai-bo, LIU Kai, WANG Chun-jun</i> (879)
The new progress in the study of Archean metamorphic strata in Beijing area	<i>FANG Tong-ming, SUN Yong-hua, LIU Hong, CHENG Xin-bin, WU Hu-jun, YOU Shi-na, LV Jin-bo</i> (890)
The filling sequence and stratigraphic framework of rift basin during the Neoproterozoic in Hunan, Guizhou and Guangxi	<i>CHEN Jian-shu, DAI Chuan-gu, PENG Cheng-long, WANG Min, LU Ding-biao, WANG Xue-hua, LUO Shan</i> (899)
Sequence-stratigraphic division of Cambrian in Lutonggou section, Chengde City, Hebei Province	<i>ZHAO Xin-wei, ZENG Wei</i> (921)
Geochemical features of middle–upper Ordovician cherts series in central–southern Hunan and their implications for basin evolution during Ordovician	<i>HE Yao-yan, NIU Zhi-jun, YANG Wen-qiang, SONG Fang, WANG Xiao-di, JIA Xiao-hui</i> (936)
Extensive structural characteristics of Youjiang Basin, western Guangxi	<i>ZHANG Neng, HUANG Qi-ming, TAN Jian-zheng, LI Jiang</i> (953)
A discussion on lithosphere evolution of Yanshan tectonic cycle in Hebei–Beijing–Tianjin region	<i>ZHANG Zhen-li, ZHANG Xin-quan, WEI Wen-tong, PAN Zhi-long, LIU Ce, XU Yan-yan, TIAN Fen-ying, ZHAO Wei-ying</i> (969)
Characteristics of olistostromes from the Ordovician Zhongbao Group in Shihuiogou area, North Qilian orogenic belt and their palaeogeographic implications	<i>BAI Jian-ke, WANG Hong-liang, ZHU Xiao-hui, XIE Cong-rui</i> (977)
Division and characteristics of Devonian strata in the Karakorum Mountains area in Xinjiang	<i>GUO Jian-qiang, WANG Zhao-liang, HE Xiao-min</i> (987)
Amushan Formation in Inner Mongolia	<i>ZHANG Yu-qing, ZHANG Ting</i> (1000)
Sedimentary facies and coal-bearing property of the Lower Cretaceous strata of Chuamba area in Coqen Basin, Tibet	<i>LIU Lei, SHAO Long-yi, HUANG Ji, LI Meng, ZHANG Yu-fa, SU Shi-cai</i> (1016)
The compilation of a new Quaternary geology and geomorphology map with special reference to Ningxia and Shandong	<i>MIN Long-rui, WANG Yong, WANG Chen, XU Ke-ming, PANG Jian-feng, CHI Zhen-qing, DONG Jin</i> (1026)
Sedimentary characteristics and division of Holocene strata in central Inner Mongolia	<i>JIANG Nan, WANG Yong, MIN Long-rui, YANG Jin-song, DONG Jin, CHI Zhen-qing, YAO Pei-yi</i> (1033)
Quaternary stratigraphic realm and sedimentary sequence of the Qilian Mountain and adjacent areas	<i>YANG li-rong, YUE Le-ping, WANG Hong-liang, ZHANG Rui, GUO Huai-jun, ZHU Xiao-hui, ZHANG Yun-xiang, GONG Hu-jun</i> (1041)
New Progress in the study of Quaternary geology in Beijing Plain	<i>CAI Xiang-min, ZHANG Lei, GUO Gao-xuan, YOU Shi-na, FANG Tong-ming, LV Jin-bo, LIANG Ya-nan</i> (1055)
The division of Quaternary strata and tectonic evolution in Houhai Sag of Beijing	<i>ZHOU Yi, GUO Gao-xuan, ZHANG Lei, CAI Xiang-Min, LEI Kun-chao</i> (1067)
Quaternary magnetic stratigraphy and its sedimentary response to new tectonic movement in Shahe depression, plain area of Beijing	<i>ZHANG Lei, ZHANG Xiao-liang, BAI Ling-yan, CAI Xiang-min, WANG Ji-ming, YANG Tian-shui</i> (1076)

#### No.4

Mid–Late Neoproterozoic to Early Paleozoic volcanism and tectonic evolution of the Qilian Mountain	<i>XIA Lin-qi, LI Xiang-min, YU Ji-yuan, WANG Guo-qiang</i> (1087)
The discovery significance of conodont fossils and the strontium isotope composition of Labuchari Formation in Tanggula Range and their stratigraphic significance	<i>CHEN Fen-ning, JI Wen-hua, ZHANG Hai-jun, CHEN Shou-jian, GU Ping-yang, DU Bing-ying</i> (1139)
Geochronology, geochemical characteristics and tectonic implications of the amphibolite from Paxialayidang area on the southern margin of Altun terrain	<i>BI Zheng-jia, ZENG Zhong-cheng, ZHANG Kun-kun, CAO Tong-li, LIU De-min, CHEN Ning, ZHAO Jiang-lin, LI Qi, LI De-wei</i> (1149)

- Geochemical characteristics and geochronology of porphyroid biotite monzogranite from the Reshui Mo polymetallic deposit, East Kunlun Mountains ··· GUO Xian-zheng, JIA Qun-zi, LI Jin-chao, KONG Hui-lei, LI Ya-zhi, XU Rong-ke, Namhka Norbu(1165)  
The origin of the mantle peridotite from ophiolite in northeast Jiangxi and its geological implications ··· WANG Cun-zhi, HUANG Zhi-zhong, XING Guang-fu, YU Ming-gang, HONG Wen-tao(1178)
- Mineralogical and Hf isotope study of the Dorolj granite in Hinggan League, Inner Mongolia ··· CHEN Li-li, CHENG Zhi-guo(1189)  
Chemically geodynamic significances of Sm–Nd isotopic system and U–Pb dating and Hf isotopic compositions of zircons in clastic sedimentary rocks/sediments: Theory, methods and practices ··· CHEN Yue-long, LI Da-peng, BAO Chuang, LI Zhao, LIU Chang-zheng(1200)
- Geological and tectonic evolution of the basement in the Qiangtang basin of northern Tibet: Evidence from detrital zircon U–Pb isotope chronology of sandstone in the Jurassic Yanshipin Group ··· LI Jiang-tao, LIANG Bing, HE Wen-jing, XU Gang, WEN Long, XIE Qi-xing(1216)
- Geochemical characteristics and tectonic significance of Early Jurassic Quemo Co Formation in Worushan area, north Qiangtang basin ··· FENG Xing-lei, FU Xiu-gen, TAN Fu-wen, SONG Chun-yan, CHEN Wen-bin(1227)  
Differential uplift on the northeast margin of Ordos Basin: Evidence from apatite fission track analysis ··· DING Chao, CHEN Gang, GUO Lan, ZHANG Wen-long, SHI Xiao-lin, XU Xiao-gang, LIU Teng(1238)  
A comparison of uplifting history between Tianshan Mountains in China and Kyrgyz: Insights from fission track chronology ··· CHU Ze-song, YU Xin-qi, WANG Zong-xiu, XIAO Wei-feng, CHEN Zheng-le, HAN Shu-qin, YANG Xin-peng(1248)  
A study of structure and activity characteristics of the northern segment of Huangzhuang–Gaoliying fault in Beijing plain area ··· ZHANG Xiao-liang, ZHANG Lei, CAI Xiang-min, BAI Ling-yan(1258)
- The formation and evolution of Sudeerte tectonic belt in Beier Depression ··· XIE Zhao-han, XIAN Di, LUO Jing-shuang, YANG Bao-quan, LE Jing, WANG Shao-bo(1266)  
The sedimentary evidence for the existence of unified basin in Early Cretaceous in Dasanjiang basin group, Northeast China ··· ZHANG Yun-peng, REN Jian-ye, WANG Shan, ZHAO Xue-qin(1280)  
Geochemical characteristics of the Lower Permian Liangshan Formation in Dushan area of Guizhou Province and their implications for the Paleoenvironment ··· ZHANG Guo-tao, PENG Zhong-qin, WANG Chuan-shang, LI Zhi-hong(1291)  
The structure of crushed zone near the Lungudong strike slip fault and its relationship with the gas and oil ··· HAN Jie, YUAN Yuan, HONG Tao, WU Mei-lian, PEI Guang-ping, LIU Jun-feng, ZHANG Lei(1304)  
An analysis of Cenozoic hydrocarbon generation potential and salty characteristics of Yili depression in Qaidam basin ··· WANG Yan-qing, ZHANG Yong-shu, XIA Zhi-yuan, YANG Ti-yuan, SONG Guang-yong, XU Feng, LIU Zhan-guo(1317)  
Identification of lithology and lithofacies type and its application to Chang 7 tight oil in Heshui area, Ordos Basin ··· RAN Ye, WANG Gui-wen, ZHOU Zheng-long, LAI Jin, DAI Quan-qi, CHEN Jing, FAN Xu-qiang, WANG Shu-chen(1331)  
Muscovite  $^{40}\text{Ar}/^{39}\text{Ar}$  dating of the Baiganhu W–Sn orefield, Qimantag, East Kunlun Mountains, and its geological implications ··· ZHENG Zhen, CHEN Yan-jing, DENG Xiao-hua, YUE Su-wei, CHEN Hong-jin(1341)  
Re–Os isotopic dating of molybdenites from the Yuangezhuang pluton in Jiaodong and its geological significance ··· ZHU Bao-lin, LIU Zhen-jiang, CHENG Shao-bo, XUE Yu-shan, WANG Jian-ping, XU Lei(1353)  
Geology and geochemistry of the Gonghudong skarn copper deposit in Darhan Muminggan Joint Banner, Inner Mongolia and its significance ··· LI Zhi-dan, CHEN Jun-qiang, WANG Jia-ying, WEN Si-bo, XIAO Zhi-bin, TANG Chao, LIU Xing, YU Reng-an(1367)  
The metallogenetic age of the Gaojiazhuang polymetallic deposit in Zhangjiakou area and its geological implications ··· LI Sui-min, HAN Yu-chou, WEI Ming-hui, XING Huan, LI Seng-wen, LI Yu-hong(1385)  
Major and trace element migration and metallogenetic processes of the Xinshuijing U–Th deposit in the Longshoushan metallogenetic belt, Gansu Province ··· ZHONG Jun, FAN Hong-hai, GU Da-zhao, WANG Sheng-yun, CHEN Jin-yong, SHI Chang-hao, LI Heng-qiang(1393)  
An integrated ore prospecting model for the Mwamola gold deposit, Tanzania ··· LI Shui-ping, YUAN Yang-sen, SI Jian-tao, JING Peng, SUN Jin, ZHANG Lei(1409)  
Geochemical behavior of heavy metals Pb and Hg in the farmland soil of Hebei plain ··· CAI Kui, DUAN Ya-min, LUAN Wen-lou, LI Qian, MA Yun-chao(1420)  
Reservoir temperature of geothermal anomaly area and its environmental effect in Tibet ··· WANG Peng, CHEN Xiao-hong, SHEN Li-cheng, XIAO Qiong, WU Xiao-qing(1429)  
An analysis of the groundwater flow system based on environmental isotopes in Turpan basin ··· CAI Yue-mei, WANG Wen-xiang, ZHANG Ming-jiang, YIN Xiu-lan, CAI Wu-tian, WANG Rui-jiu, LI Wen-peng(1439)  
The multivariate statistical analysis of chemical characteristics and influencing factors of karst groundwater in the northern part of Bijie City, Guizhou Province ··· YUAN Jian-fei, DENG Guo-shi, XU Fen, TANG Ye-qi, LI Peng-yue(1446)  
Optimization design of land subsidence levelling network of Beijing Plain ··· LEI Kun-chao, LUO Yong, CHEN Bei-bei, GUO Gao-xuan, JIA San-man, TIAN Fang, ZHOU Yi(1457)

## No.5

- China soil geochemical baselines networks: Data characteristics ··· WANG Xue-qiu, ZHOU Jian, XU Shan-fa, CHI Qing-hua, NIE Lan-shi, ZHANG Bi-min, YAO Wen-sheng, WANG Wei, LIU Dong-sheng, HAN Zhi-xuan, LIU Qing-qing(1469)  
Late Mesozoic sedimentary–volcanic filling record in Yungang basin and its tectonic implications ··· LI Zhen-hong, QU Hong-jie, YANG Yong-heng, GONG Wang-bin(1481)  
The discovery of the syenogranite with an age of 126 Ma in the depth of Tongling: Evidence from 3000 meters scientific drilling ··· WU Cai-lai, DONG Shu-wen, WANG Lu-tai, WANG Ci-song, LEI Min, WU Di(1495)  
Zircon U–Pb geochronology of intermediate–acid intrusions in the Shuijian ore district of the Tongling ore concentration area ··· LI Ming-ze, WU Cai-lai, LEI Min, GAO Yuan-hong, WANG Nan(1514)

- Petrogenesis and geological significance of the Late Carboniferous granites from Gangou, Central Tianshan Mountains, Xinjiang ..... *FENG Guang-ying, YANG Jing-sui, LIU Fei, NIU Xiao-lu, GAO Jian*(1545)
- Petrology and geochemistry of granite in the Pangushan tungsten deposit, south Jiangxi Province ..... *FANG Gui-cong, CHEN Yu-chuan, CHEN Zheng-hui, ZENG Zai-lin, LIU Cui-hui, TONG Qi-quan, SUN Jie, ZHU Guo-hua*(1558)
- Deformation characteristics and formation mechanism of NNE-trending strike-slip faults in Tazhong Uplift ..... *YANG Yong, TANG Liang-jie, GUO Ying, XIE Da-qing*(1569)
- 381 Ma rhyolite found by Nanling scientific drilling in Qingbaikouan System ..... *ZHAO Zheng, WANG Zong-qi, CHEN Yu-chuan, GUO Na-xin, CHEN Zheng-hui, ZHENG Yu-lin, WANG Hao-yang, ZENG Zai-lin*(1579)
- A discussion on some problems concerning deep exploration of mineral resources in South China ..... *WANG Deng-hong*(1585)
- Geological exploration of the Rongna porphyry copper deposit in the Duolong ore concentration area, northern Tibet ..... *WANG Dong-bo, JIANG Shao-qing, DONG Fang-liu*(1599)
- Ore-forming regularity and deep prospecting direction of Nanling Scientific Drilling-1(NLSD-1) ..... *ZHAO Zheng, CHEN Yu-chuan, GUO Na-xin, CHEN Zheng-hui, WANG Deng-hong, ZENG Zai-lin, HE Shao-sen*(1613)
- Deep ore exploration of the Baishaziling tungsten-tin ore district, Dayishan pluton, Hunan ..... *ZENG Qin-wang, PENG Lu-jun, TIAN Wei-wu, QIAO Tao, YOU Guang-hui, CHEN Yu-lin, LONG Li*(1625)
- The characteristics of vertical primary halo zoning in the Louli gold deposit, Handan City, Hebei Province ..... *LI Sui-min, LI Yu-cheng, HAN Yu-chou, KONG Ling-hai, ZHAO Shu-me, WANG Jing-tao, WANG Jun-ge*(1637)
- Mineralogical characteristics of the granitoid exposed in the Nanling Scientific Drill Hole and implications for magmatism and mineralization in the Yinkeng Orefield, Southern Jiangxi Province ..... *GUO Na-xin, CHEN Yu-chuan, LV Xiao-qiang, CHEN Zheng-hui, ZHAO Zheng*(1645)
- The magnetic anomaly characteristics of Dongpo, Xigaze and some other ophiolite rock masses along the Yarlung-Zangbo suture zone and their ore-prospecting significance ..... *JIANG Mei, YANG Jing-sui, ZHANG Li-shu, ZHANG Yu-wen, PENG Miao, LI Qing-qing*(1666)
- Crustal thickness variation from Northern Lhasa terrane to Southern Qiangtang terrane revealed by deep seismic reflection data ..... *LU Zhan-wu, GAO Rui, LI Hong-qiang, LI Wen-hui, XIONG Xiao-song, XU Tai-ran*(1679)
- Redisussion on geophysical characteristics of Mazhan magma pocket in Tengchong volcano-tectonic zone ..... *JIANG Mei, TAN Han-dong, PENG Miao, Qian Rong-yi, ZHANG Yu-wen, LI Qing-qing, ZHANG Li-shu, XU Le-hong, GUO Shuai*(1688)
- Models and case history studies of deep-penetrating geochemical exploration for concealed deposits in basins ..... *ZHANG Bi-min, WANG Xue-qiu, XU Shan-fa, YAO Wen-sheng, YE Rong*(1698)
- Primary superimposed halo features and deep ore-prospecting in the Dongguan gold deposit, Yunnan Province ..... *ZHOU Xiang-ke, WANG Jian-Guo, LIU Yin-chun, LEI Heng-yong, LI Guang-jing*(1710)
- Geochemical features in Drill Hole WFSD-4S ..... *LAO Chang-ling, TANG Li-jun, LUO Li-qiang, XIA Yu, GONG Zheng*(1721)
- Zircon U-Pb age of the east Qingshui plagiogranite in Kalamaili belt of Xinjiang and its geological implications ..... *NIE Xiao-yong, LIU Jia-jun, SU Da-yong, ZHANG Xiang-yun*(1729)
- Geochemical and zircon U-Pb dating characteristics and significance of the Tuluyin granites in the east of East Kunlun orogenic belt ..... *DONG Liang-qiong, DONG Guo-chen, HUANG Hui, BAI Yang*(1737)
- LA-ICP-MS U-Pb dating of zircons from Tuchengzi Formation in Qianjiadian of North Beijing and its significance ..... *JIAO Run-cheng, HE Jin-rui, WANG Rong-rong, WANG Qiang-qiang, HUI Guang-ji*(1750)
- Zircon U-Pb age of granitoid from the Chiawatu Cu-W occurrence in Northern Taihang Mountain and its implications ..... *LI Rui-ling, DUAN Chao, CHEN Zhi-kuan, LI Wei, ZHANG Zhi-yuan*(1761)
- Molybdenite Re-Os dating of the Tugurige gold deposit, Urad Middle Banner, Inner Mongolia, and its geological significance ..... *ZHANG Feng, LI Zhi-dan, WANG Jia-ying, CHEN Jun-qiang, WEN Si-bo, LI Chao, SHAO Guo-yu, ZHAO Yu-chuan, YU Reng-an*(1771)
- Geochemical anomaly features and exploration prospect of polymetallic deposits in the Pulao area, Laos ..... *LI Yu-song, ZHANG Yu-qing, MA Li-ke*(1780)
- Geological and geochemical background of Se-rich rice production in Yili area, Jiangsu Province ..... *LIAO Qi-lin, REN JING-hua, XU Wei-wei, CUI Xiao-dan, JIN Yang, LI Wen-bo, FAN Jian, ZHU Bai-wan*(1791)
- Quaternary activity of Shawan fault in Pearl River delta ..... *DONG Hao-gang, LU Tao, HE Wan-shuang, LI Yi-yong, ZENG Min*(1803)
- Current in-situ stress state and seismic risk in Sichuan-Gansu-Shaanxi border area ..... *QI Bang-shen, ZHANG Peng, FENG Cheng-jun, XIN Peng, MENG Jing, TAN Cheng-xuan, WU Shu-ren, YANG Xiao-xiao, CHEN Qun-ce, HU Dao-gong*(1814)

## No.6

- Late Cenozoic tectonic events in east Tibetan Plateau and extrusion-related orogenic system ..... *ZHANG Yue-qiao, LI Hai-long*(1829)
- Petrogenesis and zircon Lu-Hf isotopic characteristics of the granites from the southern Altun area, Northwest China ..... *WU Cai-lai, LEI Min, ZHANG Xin, CHEN Hong-jie, WU Di, LI Tian-xiao*(1853)

- Archean crustal formation and evolution of the Lushan area on the southern margin of North China Craton ..... *XIE Shi-wen, XIE Hang-qiang, LIU Shou-jie, DONG Chun-yan*(1884)
- Geochemistry, zircon U-Pb chronology and Hf isotope of quartz diorite porphyrite in the Sena deposit of Duolong ore concentration area, Tibet ..... *WEI Shao-gang, SONG Yang, TANG Ju-xing, GAO Ke, FENG Jun, LI Yan-bo, HOU Lin*(1894)
- Two Triassic magmatic activities in Binbalechagan area of Dong Ujimqin Banner, Inner Mongolia: Geochronologic record, petrogenesis and tectonic settings ..... *YANG Jun-quan, LIU Yong-shun, Zhang Su-rong, YANG Yong-heng, Zhang Feng, Rong He*(1913)
- Petrogenesis and tectonic significance of the Late Carboniferous quartz diorite in Xi Ujimqin Banner, Inner Mongolia ..... *MA Shi-wei, ZHOU Zhi-guang, LIU Chang-feng, LI Rui-jie, LAI Lin, ZHANG Xue-bin, MENG Yuan-ku*(1932)
- Zircon U-Pb dating of the Jiujingzi ophiolite in Bairin Left Banner, Inner Mongolia: Constraints on the formation and evolution of the Xar Moron River suture zone ..... *LIU Jian-feng, LI Jin-yi, SUN Li-xin, YIN Dong-fang, ZHENG Pei-xi*(1947)
- Stage division and genesis discussion of basaltic volcanism during the cone-forming stage of Tianchi volcano in Changbaishan region ..... *QIAN Cheng, CUI Tian-ri, TANG Zhen, JIANG Bin, ZHANG Chao, QIN Tao, LU Lu, CHEN Hui-jun, WU Tong*(1963)
- Geochronology, geochemistry and geological implications of the lamprophyre in Jianshui, east Yunnan Province ..... *LIU Jiao, ZHOU Yang, XIE De-gen, JI Xing-xing, LI De-wei*(1977)
- SHRIMP age of the lava from the Sibao Group in Guilin and its chronostratigraphic significance ..... *LI Li-yang, YOU Guo-qing, ZHANG Chuan-heng, JIA Long-long, HAN Yao, ZHANG Heng, LIU Bo, FENG Xin, LI Xin-fa, ZHANG Jin-long*(1992)
- Geochemical characteristics and geological significance of Early Cambrian argillaceous rocks in Kuruk Tag, Xinjiang ..... *LIU Wen, WU Chun-ming, LV Xin-biao, YANG En-lin, WANG Xiang-dong, WANG Yi-fan, WU Jian-liang*(1999)
- The early Paleozoic lithofacie-palaeogeography of Olongbluk micro-massif on the northern margin of Qaidam Basin ..... *MA Shuai, CHEN Shi-yue, SUN Jiao-peng, SHAO Peng-cheng, WANG Feng, WANG Zhi-jin*(2011)
- Stratigraphic division of NB5 core in the Yangtze delta area and its environmental change information ..... *MAO Wei-dong, Li Shi-jie, Fen Jin-shun, GAO Li1 E Jian*(2022)
- Extensional structures and basin evolution of the Wunite depression in Erlian Basin ..... *MAO Quan-yun, QI Jia-fu, XIAO Yang, WANG Li-shuang, ZENG Ting, ZHANG Jie*(2036)
- Characteristics and diagenesis of platform margin reef-shoal reservoirs of Upper Permian Changxing Formation around Kaijiang-Liangping Trough, eastern Sichuan Basin ..... *SU Cheng-peng, TAN Xiu-cheng, LIU Hong, TANG Hao, LI Hong-wei, WANG Gao-feng, TANG Xue-song, ZHANG Qi-ye, LIAO Yi-sha*(2046)
- Characteristics and main controlling factors of shale gas reservoirs in transitional facies on the eastern margin of Ordos Basin ..... *XI Zhao-dong, TIAN Zhong-bin, TANG Shu-heng*(2059)
- Petroleum geological condition and hydrocarbon exploration prospect of Changbai Depression in Yalu River Basin ..... *WU Jia-yi, SHI Shang-ming*(2070)
- Genetic model of the Dongda geothermal field in Guanzhong Basin, Shaanxi Province ..... *LI Xiu-cheng, MA Zhi-yuan, ZHANG Xue-Lian, GUO Sen, MENG Yang, DANG Shu-sheng*(2082)
- Chronology, geochemistry and Hf Isotope of monzonitic granite from the Dongbeigou molybdenum deposit in Kuandian, Liaoning Province ..... *ZHANG Peng, CHEN Dong, KOU Lin-lin, ZHAO Yan, YANG Hong-zhi*(2092)
- A study of the genesis of igneous rocks from the Sankuanggou Cu-Fe-Mo deposit in Heilongjiang Province ..... *LI De-rong, NIU Yan-hong, CUI Gen, WANG Qiu-yang*(2104)
- A quantitative discussion on element mass migration during alteration processes in the Mujicun Cu (Mo) deposit, Hebei Province ..... *CHEN Chao, NIU Shu-yin, ZHANG Jian-zhen, MA Bao-jun, ZHANG Fu-xiang, SUN Ai-qun, WANG Bao-de, ZHANG Xing, ZHANG Hao-liang, MA Guo-xi, CHEN Zhi-kuan*(2118)
- The formation process and Mo (W) mineralizaton of the skarn in the Nannihu-Sandaozhuang Mo (W) deposit ..... *XIANG Jun-feng, PEI Rong-fu, XING Bo, WANG Chun-yi, TIAN Zhi-heng, CHEN Xiao-dan, YE Hui-shou, WANG Hao-lin*(2131)
- Characteristics of isotopic compositions and genesis of the Lianjiagou polymetallic ore deposit in Chichen County, Zhangjiakou ..... *LI Sui-min, HAN Yu-chou, WEI Ming-hui, CHEN Shu-qing, LI Seng-wen, LI Yu-hong*(2154)
- Characteristics and geological significance of fluid inclusions in the Yushui copper polymetallic deposit, Guangdong Province ..... *JIANG Bin-bin, ZHU Xin-you, CHENG Xi-yin, WANG Hai*(2163)
- The sedimentary environment and formation mechanism of bauxite-bearing rock series in Dazhuyuan area, northern Guizhou Province ..... *LIU Ping, LIAO You-chang, ZHANG Ya-jing*(2173)
- The sedimentation mechanism and preservation condition of the potassium evaporate series in the Majiagou Formation, east of Ordos Basin... *YANG Shuai, CHEN An-qing, CHEN Hong-de, ZHANG Cheng-gong, SU Zhong-tang, ZHAO Jun-xing, FU Si-yi*(2192)
- Geological heritage of Hoh Xil in Qinghai and its tectonic evolution ..... *LIU Chi-heng, LI Jiang-hai, CUI Xin, XU Li, FAN Qing-kai, WANG Hui, ZHANG Hong-wei*(2202)
- Distribution characteristics and influence factors of land subsidence in Beijing area ..... *LEI Kun-chao, LUO Yong, CHEN Bei-bei, GUO Gao-xuan, ZHOU Yi*(2216)
- A discussion on the application of the Internet of Things technology to the management and service of geological samples ..... *GAO Zhi-xin, MI Sheng-xin, MIAO Jin-li, WU Xiao-hong, YAO Yu-tao, WANG Lin, ZHOU You*(2229)