

地质学报, 2016 年, 第 90 卷, 总目次

第 1 期

印度-亚洲碰撞:从挤压到走滑的构造转换	许志琴,王勤,李忠海,李化启,蔡志慧,梁风华,董汉文,曹汇,陈希节,黄学猛,吴婵,许翠萍 (1)
地壳运动驱动力的探讨——核能与地球演化	马学昌 (24)
准噶尔盆地烃源岩与原油地球化学特征	陈建平,王绪龙,邓春萍,梁狄刚,张越迁,赵喆,倪云燕,支东明,杨海波,王屿涛 (37)
分散液态烃裂解气资源评价方法	王兆云,赵文智,王东良,李永新,薛海涛,胡国义,姜华,郑红菊 (68)
柴达木盆地北缘早奥陶世陆-弧碰撞及弧后前陆盆地——来自碎屑岩地球化学的证据	孙娇鹏,陈世悦,马寅生,彭渊,邵鹏程,马帅,代昆,郑策 (80)
共和盆地西缘柔起岗地区变质岩系锆石 U-Pb 年龄——原岩最老沉积时代及物源研究	李瑞保,裴先治,杨栓海,王伟峰,魏立勇,孙雨,李飞,刘满年,赵长存,李佐臣,杨高学,陈力子 (93)
内蒙古东乌旗早二叠世超镁铁岩的发现及其构造意义	程银行,张天福,李艳锋,李敏,牛文超,滕学建,段连峰,刘洋,杜叶龙,胡晓佳 (115)
江西德兴朱砂红斑岩铜矿床 H-O-S-Pb 同位素特征及意义	杨波,水新芳,赵元艺,朱小云,王增科 (126)
二连-东乌旗中段新发现的乌和尔楚鲁图斑岩型钼矿床 Re-Os 同位素年龄及其地质意义	俞初安,张锋,唐永香,刘晓雪,谢瑜,曲凯,李志丹,屈文俊 (139)
黑龙江争光金矿床年代学特征及成矿意义	李运,符家骏,赵元艺,曾辉 (151)
南岭地区早侏罗世成矿作用——来自粤北大顶铁锡矿床 LA-ICP-MS 和 Ar-Ar 年代学证据	程顺波,付建明,马丽艳,卢友月,王晓地,夏金龙 (163)
鄂尔多斯盆地东部二叠系山西组页岩气成藏条件与有利区筛选	兰朝利,郭伟,王奇,张欣 (177)
民和盆地马厂塬遗址古地震与暴雨山洪泥石流事件光释光测年研究	郭永强,黄春长,周亚利,庞奖励,查小春,张玉柱,胡贵明,周强 (189)
《地质学报》(中文版)征稿简则	(200)

第 2 期

氧化还原障在热液铀矿成矿中的作用	李延河,段超,赵悦,裴浩翔,任顺利 (201)
纳米比亚欢乐谷地区白岗岩型铀矿成矿物质来源分析	陈金勇,范洪海,王生云,顾大钊,陈东欢 (219)
广东潮安飞鹅山钨钼多金属矿床辉钼矿 Re-Os 同位素定年	李海立,肖惠良,范飞鹏,陈乐柱,刘建雄,陈叙涛 (231)
山东孔辛头铜钼矿成矿时代及物质来源:来自黄铜矿、辉钼矿 Re-Os 同位素证据	李超,裴浩翔,王登红,周利敏,赵鸿,李欣尉,屈文俊,杜安道 (240)
太行山北段木吉村髻髻山组安山岩锆石 U-Pb 年龄和 Hf 同位素特征及其对区域成岩成矿规律的指示	段超,毛景文,谢桂青,陈志宽,马国玺,王志敏,陈焘,李伟 (250)
北祁连的形成与演化历史:来自河流沉积物地球化学及其碎屑锆石 U-Pb 年龄、Hf 同位素组成的证据	李兆,陈岳龙,刘长征,古远,李大鹏 (267)
湖南塔山、阳明山花岗岩的岩石成因:来自锆石 U-Pb 年龄、地球化学及 Sr-Nd 同位素证据	马丽艳,刘树生,付建明,程顺波,卢友月,梅玉萍 (284)
西藏唐古拉岩浆岩带夏玛日花岗岩体的岩石学、岩石地球化学、锆石 U-Pb 测年及 Hf 同位素组成	关俊雷,耿全如,彭智敏,张璋,王国芝,陈园园 (304)
川东北石笋 120~103 ka BP 稳定碳同位素记录与控制机制	刘淑华,黄嘉仪,陈琳,杨亮,陈琼,米小建,贺海波,邓肖敏,彭小桃,李汉杰,周厚云 (334)
藏北商旭金矿床 S、Pb 同位素组成:对成矿物质来源的指示	裴英茹,杨竹森,赵晓燕,张雄,马旺,徐玉涛,毛敬涛 (341)
内蒙古东升庙和炭窑口多金属硫化物矿床铁同位素地球化学特征及其成矿指示意义	高兆富,朱祥坤,高文革,王炳林,孙剑,罗照华,包创,唐超 (352)
多元稳定同位素组合示踪含膏盐地层参与湖北金山店矽卡岩型铁矿成矿作用	朱乔乔,李伟,张志远,韩颖霄,王建 (361)

高放废物处置库新疆雅满苏和天湖预选地段地下水同位素特征及其指示意义	郭永海, 李娜娜, 周志超, 董建楠, 张明, 刘淑芬 (376)
内蒙古锡林浩特早石炭世构造环境: 来自变质基性火山岩的年代学和地球化学证据	康健丽, 肖志斌, 王惠初, 初航, 任云伟, 刘欢, 高知睿, 孙义伟 (383)
天津蓟县东水厂锰方硼石矿床成因新认识	王富良, 付勇, 徐志刚, 裴浩翔, 江冉, 周文喜 (398)

第 3 期

湖北南漳-远安动物群及其生物复苏意义	陈粲, 陈孝红, 程龙, 阎春波 (409)
准噶尔盆地油气源、油气分布与油气系统	陈建平, 王绪龙, 邓春萍, 梁狄刚, 张越迁, 赵喆, 倪云燕, 支东明, 杨海波, 王屿涛 (421)
浙西余杭、临安和富阳交界区中生代侵入岩年代学、地球化学特征及其地质意义	唐增才, 陈忠大, 胡文杰, 董学发, 吴小勇, 袁强 (451)
江西武功山岩浆核杂岩基本特征	刘细元, 杨细浩, 聂龙敏, 雷天浩 (468)
准噶尔盆地南缘硫磺沟地区铀矿化砂岩流体包裹体及有机地球化学特征	黄少华, 秦明宽, 刘章月, 毛丽华, 何中波, 许强 (475)
新疆吐克吐克铜矿黄铜矿 Re-Os 定年及成矿意义	王冉, 李永军, 王军年, 张胜龙, 郭鑫, 段丰浩 (489)
广西猫儿山主峰区巨砾非冰川成因的遥感地质地貌学解疑	吴虹, 贾志强, 罗远周, 李光平, 张银桥, 郭淇, 陆丁潯, 陈梦杰, 郝敏, 关震 (500)
鄂尔多斯盆地渭北隆起西南缘奥陶系热演化史恢复与生烃史——以麟游-旬邑地区为例	曹展鹏, 任战利, 熊平, 祁凯, 陈占军 (513)
塔里木盆地库车坳陷致密砂岩-膏泥岩储盖组合断裂带内部结构及与天然气成藏关系	付晓飞, 徐萌, 柳少波, 卓勤功, 孟令东 (521)
鄂尔多斯盆地东部上古生界黏土矿物主控因素分析及研究意义	赵小会, 文彩霞, 石晓英, 刘晓鹏, 陈娟萍 (534)
高丰度低演化程度湖相页岩储层特征——以柴达木盆地北缘中侏罗统为例	原园, 姜振学, 喻宸, 王朋飞, 李廷微, 郭天旭, 赵若彤, 唐相路 (541)
含油气盆地地质甲烷释放研究综述	许跃, 唐俊红, 王国建, 王卫海, 徐灿 (553)
非线性技术在琼东南盆地深水陵区水 17-2 气田物源分析和储层预测中的应用	张焱, 裴健翔, 周永章, 朱继田, 陈杨 (559)
东准噶尔构造带晚古生代地层时代的厘定及其对区域构造演化意义	李振生, 聂峰, 田晓莉, 石永红, 牛浩, 王创 (569)
青海南山“金水口岩群”的时代与构造属性研究	郭现轻, 闫臻, 付长全, 王宗起 (589)

第 4 期

华夏古陆及相关问题——中国南部前泥盆纪大地构造	任纪舜, 李崇 (607)
羌塘盆地隆鄂尼—昂达尔错古油藏逆冲推覆构造隆升	吴珍汉, 刘志伟, 赵珍, 季长军, 叶培盛 (615)
新疆准噶尔含煤盆地基本构造格架与认识	王佟, 冯帆, 江涛, 王庆伟, 夏玉成, 韦波, 杨曙光 (628)
准噶尔南缘逆冲带多个逆冲断层同期活动的几何学证据	杨庚, 赵孟军, 陈竹新, 王晓波 (639)
大巴山前陆冲断带构造样式和演化过程的数值模拟	黄光明, 王岳军, 赵勇刚, 皇甫鹏鹏 (653)
塔里木盆地北部寒武系大型进积型台地—斜坡地震层序、演化与控制因素	刘存革, 李国蓉, 罗鹏, 王明, 罗明霞, 刘永立 (669)
内蒙东部及邻区晚石炭世—二叠纪构造古地理环境及演变	田树刚, 李子舜, 张永生, 宫月莹, 翟大兴, 王猛 (688)
阿尔金喀腊大湾地区中酸性火山岩 SHRIMP 年龄及其构造环境	陈柏林, 李松彬, 蒋荣宝, 陈正乐, 韩凤彬, 崔玲玲, 李丽, 赵树铭, 祁万修, 杨屹, 王世新, 王永, 周永贵, 郝瑞祥 (708)
北大巴山地区晚古生代滔河口组碎屑锆石年代学研究及对古生代岩浆事件的限定	张英利, 王宗起, 王刚, 王坤明 (728)
阿尔金奇克山东斜长角闪岩地球化学、年代学及其成因意义	王立社, 李智明, 仇银江, 张耀选, 詹小弟 (739)
渤海海域蓬莱 9-1 构造潜山中生代花岗岩元素地球化学特征及其地质意义	冯冲, 王清斌, 杨波, 赵国祥, 刘晓健 (752)
江西相山酸性火山—侵入杂岩体地球化学特征与岩石成因	郭福生, 杨庆坤, 孟祥金, 谢财富, 时国, 陈留勤, 蒋振频, 曾涛, 罗能辉 (769)
下扬子 PTB 界线深水相区粘土岩的火山成因研究及其对 LPME 的指示意义	廖志伟, 胡文瑄, 王小林, 曹剑, 姚素平, 万野 (785)

莱州湾沿岸寿光、莱州和龙口地下水的稳定同位素与地球化学	杨巧凤, 王瑞久, 徐素宁, 李文鹏, 王志一, 梅建军, 丁志磊, 杨培杰 (801)
黑色页岩化学风化程度指标研究	吴蓓娟, 彭渤, 张坤, 匡晓亮, 涂湘林, 方小红, 曾等志 (818)
2014 地质学类期刊主要指标排名	(784)

第 5 期

西藏保吉地区晚侏罗世珊瑚动物群的发现及其意义	孟亚洲, 纪占胜, 廖卫华, 姚建新, 武桂春, 孙倩, 武振杰 (833)
辽东湾拗陷东部地区走滑双重构造的发育特征及其石油地质意义	吴智平, 张婧, 任健, 徐长贵, 李伟, 张晓庆 (848)
晚三叠世龙门山前陆盆地须家河组物源及构造背景分析	陈斌, 李勇, 王伟明, 李海兵, 苏德辰, 颜照坤 (857)
利用热液金刚石压腔开展扎布耶石(碳酸锂)结晶实验的研究	丁欣, 李建康, 李胜虎, 王嫒 (873)
安徽金寨岩体地质和地球化学特征及 LA-ICP-MS 锆石 U-Pb 年龄	陈芳, 彭智, 邱军强, 董婷婷, 柳丙全 (879)
北大巴山超基性、基性岩墙和碱质火山杂岩形成时代的新证据及其地质意义	向忠金, 闫全人, 宋博, 王宗起 (896)
吉林季德屯钼矿区石英二长岩 SIMS 锆石 U-Pb 年代学、地球化学特征及其成因	孟庆丰, 于晓飞, 郑伟 (917)
贵州西北部基性侵入岩锆石 U-Pb 年代学、岩石地球化学特征及铅锌成矿意义	齐有强, 胡瑞忠, 张海, 任光明, 武丽艳, 朱经经, 王新松, 孟昌忠, 金翔霖 (933)
西准噶尔地区乌散岩体成因: 来自年代学、岩石学和地球化学的证据	赵冰冰, 邓宇峰, 周涛发, 袁峰, 张达玉, 李鹏, 张若飞 (950)
粤西庙山铜多金属矿床硫化物原位微区分析及 S 同位素对矿床成因的制约	邢波, 郑伟, 欧阳志侠, 吴晓东, 林玮鹏, 田云 (971)
胶东型金矿: 与壳源重熔层状花岗岩和壳幔混合花岗闪长岩有关的金矿	田杰鹏, 田京祥, 郭瑞朋, 韦昌山, 王立功, 于晓卫, 李秀章, 黄永波, 张春池, 刘汉栋, 祝培刚 (987)
河北三河晚更新世地层粒度特征分析	刘智荣, 沈军, 黄静宜, 陈耀飞 (997)
青藏高原北部可可西里库赛湖年纹层微区分析及形成机理	陈钰, 刘兴起, 何利, 叶莉, 陈惠芬, 李凯 (1006)
鄂尔多斯盆地延长组泥页岩储层 SiO ₂ 赋存状态研究	刘国恒, 黄志龙, 郭小波, 刘再振, 高潇玉, 陈常超, 张成林 (1016)
青藏高原东北部尕斯库勒湖沉积物中正构烷烃及其氢同位素组成与有机质源指示意义	段毅, 吴应忠, 赵阳 (1030)
征稿简则	(1040)

第 6 期

映秀-北川断裂带中垂直断裂带走向的 NW-SE 向构造和汶川地震	崔军文, 王连捷, 邹长春, 孙东生, 彭诚, 陈威威, 李宗凡 (1041)
2015 年尼泊尔 Ms8.1 地震构造成因及对青藏高原及邻区未来强震趋势的影响	吴中海, 赵根模, 刘杰 (1062)
2014 年云南鲁甸地震触发地质灾害发育分布规律及与景谷、盈江地震对比研究	殷志强, 徐永强, 陈红旗, 撒兰鹏, 姜兴武 (1086)
桐柏山 L 构造岩形成机制构造解析及其对造山带演化的制约	刘欢, 林寿发, 宋传中 (1098)
北淮阳构造带的属性及其对板块缝合线位置的启示	黄鹏, 宋传中, 任升莲, LIN Shoufa, 张妍, 李加好, 刘欢, 王微, 杨帆, 刘啟能 (1112)
电子背散射衍射 (EBSD) 技术在地壳构造变形研究中的应用	黄学猛, 张进江, 许志琴 (1130)
皖南东至查桥金矿岩浆岩锆石 U-Pb 年龄及其成矿意义	聂张星, 石磊, 古黄玲, 钱祥, 胥飞, 杨金龙, 杨晓勇 (1146)
安徽金寨县沙坪沟铅钨矿田两期成岩成矿作用	陆三明, 阮林森, 赵丽丽, 王波华, 张怀东, 王国光, 陈芳 (1167)
西昆仑库地蛇绿岩富 Al 型豆荚状铬铁矿床成因	刘建国, 王建 (1182)
西藏雄巴地区中新世雄巴组砂岩地球化学特征及对物源区、构造背景的指示	王丛山, 陈文西, 单福龙 (1195)
安徽宿松坐山中二叠统栖霞组碳酸盐岩微相和黏土矿物特征及其对沉积相和古气候的指示	程成, 李双应, 赵万为, 彭亮 (1208)
新疆三塘湖盆地马朗凹陷中二叠统芦草沟组泥页岩层系 SiO ₂ 赋存状态与成因	刘国恒, 黄志龙, 郭小波, 刘再振, 高潇玉, 陈常超, 张成林, 王昕 (1220)
川中地区上三叠统须家河组成岩层序地层学特征	赖锦, 王贵文, 王迪, 周正龙, 冉冶, 陈晶, 王抒忱, 张晓涛 (1236)
江西广丰铜山中酸性岩体锆石 U-Pb 年代学、地球化学特征及成因研究	吕劲松, 张雪辉, 孙建东, 骆学全, 康丛轩, 简崑峰, 唐正 (1253)

中国地质学会《地质学报》英文版再创佳绩, 影响因子居中国地学科技期刊之首	(1111)
征稿简则	(1268)

第 7 期

前言	陈毓川(I)
全国重要固体矿产重点成矿区带划分与资源潜力特征	肖克炎, 邢树文, 丁建华, 朱裕生, 马玉波, 丛源, 阴江宁, 孙莉, 陈郑辉, 席伟杰(1269)
吉黑东部 Au-Ag-Cu-Mo-石墨成矿带主要地质成矿特征及潜力分析	马玉波, 邢树文, 肖克炎, 于城, 唐臣, 丁建华, 张勇, 马路阔(1281)
辽东—吉南 Fe-菱镁矿-Cu-Au 成矿带主要地质成矿特征及潜力分析	马玉波, 邢树文, 肖克炎, 于城, 孙鹏慧, 张勇, 马路阔(1298)
大兴安岭 Cu-Mo-Ag 多金属成矿带主要地质成矿特征及潜力分析	马玉波, 邢树文, 肖克炎, 张彤, 田放, 丁建华, 张勇, 马路阔(1316)
阿尔泰—准噶尔北缘铬铁矿-Cu-Au-Pb-Zn-Ni 成矿带主要成矿地质特征及潜力分析	丁建华, 邢树文, 肖克炎, 马玉波, 张婷婷, 刘亚玲(1334)
西昆仑—阿尔金 Fe-Pb-Zn-Au-稀有金属成矿带成矿特征及资源潜力	王岩, 邢树文, 肖克炎(1353)
东昆仑成矿带成矿特征与资源潜力分析	刘建楠, 丰成友, 肖克炎, 何书跃, 李大新, 赵一鸣(1364)
西天山 Fe-Pb-Zn-Au-Cu 多金属成矿带成矿特征及资源潜力	王岩(1377)
东天山—北山 Cu-Ni-Au-Pb-Zn 成矿带主要成矿地质特征及潜力分析	丁建华, 邢树文, 肖克炎, 马玉波, 林健宸, 邓刚(1392)
祁连成矿带成矿特征与资源潜力分析	刘建楠, 肖克炎, 陈凤河(1413)
秦岭 Au-Pb-Zn 成矿带成矿地质特征及潜力分析	叶会寿, 王义天, 丁建华, 王瑞廷, 胡乔青, 路东宇, 何春芬, 孙嘉(1423)
武当—桐柏—大别 Mo-REE-Au-Ag-Pb-Zn 多金属成矿带主要地质成矿特征及资源潜力分析	阴江宁, 邢树文, 肖克炎(1447)
华北陆块北缘稀土 Mo-Pb-Zn-Au 多金属成矿带特征及资源潜力	张勇, 邢树文, 马玉波, 肖克炎, 王岩(1458)
鲁中东—苏西北 Au-Fe 金刚石成矿带特征及资源潜力	张勇, 邢树文, 阴江宁, 王岩, 马玉波(1470)
华北陆块晋冀 Al-Fe-Au-Pb-Zn-Ag-Cu-煤成矿带主要地质成矿特征及潜力分析	李俊建, 党智财, 付超, 肖克炎, 丁建华, 赵泽霖, 任树祥, 侯占国, 方同明, 杨俊泉, 李磊(1482)
豫西 Au-Mo-W-Pb-Zn-Ag-Fe-铝土矿—石墨成矿带主要地质成矿特征及潜力分析	李俊建, 何玉良, 付超, 张彦启, 彭翼, 崔来运, 赵泽霖, 党智财, 曾宪友, 王纪中, 李中明, 陈安蜀, 杨俊泉, 李磊(1504)
长江中下游 Fe-Cu-Au-Pb-Zn 多金属成矿带主要地质成矿特征及潜力分析	阴江宁, 邢树文, 肖克炎(1525)
武夷山 Cu-Pb-Zn 多金属成矿带主要成矿地质特征及潜力分析	丁建华, 范建福, 阴江宁, 刘亚玲(1537)
钦杭 Cu-Au-Pb-Zn-W 成矿带(东段)主要地质成矿特征及潜力分析	刘一, 骆学全, 张雪辉, 班宜忠, 曾勇, 周宗尧, 楼法生(1551)
南盘江—右江 Sn-Sb-Mn-Zn-Al-Au 多金属成矿区主要地质特征及资源潜力	丛源, 肖克炎, 刘增铁, 董庆吉(1573)
南岭钨锡稀土成矿带资源特征与潜力分析	孙莉, 肖克炎, 邢树文, 丁建华(1589)
琼—粤西—桂东南成矿带资源特征与潜力分析	孙莉, 肖克炎, 邢树文, 丁建华(1598)
环上扬子 Mn-Zn-Ag-Cu-Al 多金属成矿带主要地质特征及资源潜力	丛源, 董庆吉, 肖克炎, 刘增铁 (1608)
班公湖—怒江 Cu-Au-Fe-Li 多金属成矿带主要地质成矿特征及潜力分析	崔宁, 邢树文, 肖克炎, 丁建华(1623)
冈底斯—藏南 Cu-Au-Pb-Zn-Mo 成矿带成矿地质特征与资源潜力分析	席伟杰, 肖克炎(1636)
西南三江锌铅银铜锑金成矿带成矿特征及资源潜力	高兰, 肖克炎, 丛源, 丁建华, 刘亚玲, 修群业, 王少文, 胡古月(1650)

第 8 期

前言	本刊编辑部(I)
辽西北票中晚侏罗世髯髯山组木化石的古气候、古环境和古生态意义	蒋子堃, 王永栋, 田宁, 张武 , 郑少林(1669)
甘肃和政古动物化石地质遗迹特征及其科学意义	刘刚, 牟全海, 姚海涛(1679)
东昆仑造山带中地壳存在古洋壳俯冲的深反射地震证据	刘志伟, 赵文津, 吴珍汉, 史大年(1692)
台湾海峡西岸地应力特征研究	李冉, 陈群策, 张重远, 孟文, 牛琳琳, 邱君, 陈利忠(1703)

羌塘及南缘地区的地壳结构	钱辉, 李海兵, 刘栋梁, 薛光琦, 吴珍汉(1715)
阿拉善地块北缘恩格尔乌苏地区发现志留纪侵入体	郑荣国, 李锦轶, 肖文交, 刘建峰, 吴泰然(1725)
喜马拉雅造山带晚中新世麻迦淡色花岗岩的构建机制	胡古月, 曾令森, 陈翰, 高利娥(1737)
河南嵩县店房金矿区花岗岩斑岩锆石 U-Pb 年龄、Hf 同位素及岩石地球化学	田永飞, 叶会寿, 李正远, 毕珉烽, 王鹏, 原瑞杰, 刘艺博(1755)
内蒙古八大关斑岩型 Cu-Mo 矿床成矿流体特征及成矿机制研究	康永建, 向安平, 余宏全, 孙宇亮, 杨文生(1778)
内蒙古撰山子金矿床地质、地球化学特征及成因研究	王丰翔, 孙爱群, 裴荣富, 刘翼飞, 江思宏(1798)
冀北大西沟金矿床主要侵入岩体年代学及构造、成矿意义	蒋喆, 江思宏, 刘翼飞, 刘云杰, 薄进兴, 陈建志, 张洪鹏(1817)
内蒙古双尖子山银多金属矿床侏罗纪成矿的年代学证据及其找矿意义	欧阳荷根, 李睿华, 周振华(1835)
地球内部高温超高压流体的水热金刚石压砧原位观测	张雪彤, 张荣华, 胡书敏(1846)
桌子山地区奥陶系乌拉力克组碎屑岩地球化学特征及其对物源的制约	吴素娟, 张永生, 邢恩袁(1860)
库车盆地白垩系碎屑白云母物源区示踪与构造意义	喻顺, 陈文, 孙敬博, 尹继元, 张彦, 刘新宇, 袁霞, 马勋(1874)
北大巴山新元古代龙潭河组的源区特征: 来自碎屑组成和锆石年代学的证据	向忠金, 闫全人, 夏磊, 宋博, 王宗起(1886)
西藏当雄错盐湖卤水中硼的来源研究	雒洋冰, 郑绵平(1900)
稀有气体同位素测试技术及其在矿床学研究中的应用	段超, 刘锋, 韩丹, 李延河(1908)
黔中茶店桥地下河流域不同水体硫酸盐浓度特征及来源识别	任坤, 潘晓东, 兰干江, 焦友军, 曾洁, 孟小军, 庞园(1922)
硫酸参与的长江流域岩石化学风化与大气 CO ₂ 消耗	张连凯, 覃小群, 刘朋雨, 黄奇波(1933)
重庆温塘峡背斜地表水-地下水-浅层地热水中硫同位素的环境指示意义研究	肖琼, 杨雷, 蒲俊兵, 梁作兵, 袁道先, 邱述兰(1945)
长江武汉段冲积土壤中重金属的环境地球化学特征	杨帆, 郝志红, 张舜尧, 刘华忠, 王成文, 凌其聪(1955)
广西官村岩溶溪流中生物地球化学控制的 DIC 和 NO ₃ ⁻ 昼夜变化研究	张陶, 蒲俊兵, 袁道先, 李建鸿(1965)
南方典型丘陵区酸性土壤重金属地球化学分布特征及来源分异解析	李杰, 朱立新, 战明国, 杨志强, 钟聪(1978)
皖江经济区基本农田地球化学特征及成因	王茜, 张光辉, 田言亮, 严明疆, 张希雨(1988)
泸沽湖地区晚全新世气候和环境演变	李素萍, 李金锋, 武振杰, 姚建新(1998)
放射性核素 ²¹⁰ Pb _{uns} 、 ¹³⁷ Cs 测定巴丹吉林沙漠湖泊岩心的年代及沉积速率	刘斯文, 储国强, 赖忠平(2013)
青藏高原晚始新世干旱化事件: 改则盆地康托组碳酸盐岩碳氧同位素的记录	姜高磊, 徐亚东, 宋博文, 张克信, 罗亮(2023)
桂林茅茅头大岩近 50 年来石笋 δ ¹⁸ O 记录与局地气候/大尺度环流关系探讨	殷建军, 唐伟(2035)
我国东南沿海干热岩赋存前景及与靶区选址研究	蔺文静, 甘浩男, 王贵玲, 马峰(2043)
桐石 LA-ICP-MS U-Pb 定年技术研究	袁继海, 孙冬阳, 赵令浩, 范晨子, 胡明月, 詹秀春(2059)
交流电弧直读原子发射光谱法测定地球化学样品中银、硼、锡、钼、铅的方法研究	郝志红, 姚建贞, 唐瑞玲, 杨帆, 李文阁, 白金峰, 张勤(2070)

第 9 期

31 位院士祝贺中国地质科学院成立六十周年签名和题词	(I)
地学科技殿堂, 人才培养摇篮——贺中国地质科学院建院六十周年	莫宣学(XX)
勇攀高峰, 科技报国——庆祝中国地质科学院建院 60 周年	王小烈(XXI)
全球冥古宙的研究进展和存在问题	沈其韩, 耿元生, 宋会侠(2083)
中国的全球构造位置和地球动力系统	任纪舜, 赵磊, 徐芹芹, 朱俊宾(2100)
中国大陆科学钻探的过去、现在和未来——纪念中国大陆科学钻探实施 15 周年、国际大陆科学钻探委员会成立 20 周年	许志琴, 杨文采, 杨经绥, 安芷生, 王成善, 李海兵, 刘嘉麒, 苏德辰, 何碧竹, 王达, 张伟, 张晓西(2109)
中国盐湖科学技术研究的若干进展与展望	郑绵平, 张永生, 刘喜方, 齐文, 孔凡晶, 乜贞, 贾沁贤, 卜令忠, 侯献华, 王海雷, 张震, 孔维刚, 林勇杰(2123)
从卫星重力资料看中国及邻区地壳密度结构	杨文采, 陈召曦, 侯遵泽, 孟小红(2167)
“燕山运动”的分期及几个关键问题	张宏仁(2176)
西藏色林错及邻区古近纪沉积凹陷对地壳增厚的响应	吴珍汉, 张其超, 吴艳君, 叶培盛(2181)
蒙古—鄂霍次克构造带的形成与演化	黄始琪, 董树文, 胡健民, 施炜, 陈宣华, 刘志强(2192)

月球构造新认识: 基于 60m 高精度全月月形图的月球构造形态学研究	杨宏伟, 赵文津, 吴珍汉 (2206)
湘赣地区中生代基性岩地球化学特征与岩石圈厚度变化	刘勇, 李廷栋, 肖庆辉, 邢光福, 王涛, 寇彩化, 段政 (2219)
长江中下游庐枞火山岩盆地南侧钾质侵入岩带的成因	薛怀民, 马芳, 曹光跃, 王一鹏, 郭秀艳 (2233)
长江中下游地区基底与成矿	刘刚, 董树文, 马立成, 崔建军, 薛怀民, 施炜, 李建华, 黄始琪 (2258)
南阿尔金古生代花岗岩 U-Pb 定年及岩浆活动对造山带构造演化的响应	吴才来, 雷敏, 吴迪, 张昕, 陈红杰, 李天啸 (2276)
中祁连拉脊山早古生代沉积岩源区和时代限定	王涛, 马振慧, 王宗起, 张晗, 王东升 (2316)
东天山哈密地区早二叠世花岗岩体及镁铁质包体的年代学, 岩石地球化学特征及其构造意义	陈希节, 张奎华, 周健 (2334)
西准噶尔北部早二叠世石英正长斑岩的地球化学特征及意义	尹继元, 陈文, 喻顺, 孙敬博, 张斌, 杨莉, 袁霞, 张岩 (2355)
华北克拉通北缘隆化地区蓝旗镇古元古代石榴石花岗岩的成因及地质意义	李建峰, 李锦轶, 曲军峰, 胡兆初, 郭春丽, 陈军强 (2365)
亚洲最大铅锌矿——三阶段叠加成矿的金顶巨型铅锌矿床	曾普胜, 李红, 李延河, 王兆全, 温利刚, 刘斯文 (2384)
南岭东段九龙脑矿田成矿规律与找矿方向	王登红, 赵正, 刘善宝, 郭娜欣, 梁婷, 陈伟, 周新鹏 (2399)
安徽池州马头钼铜矿床成因与成矿模式	席明杰, 艾金彪, 马生明, 朱立新 (2412)
矿化剂元素硫(S)与成矿	马生明, 朱立新, 苏磊, 汤丽玲, 刘艳鹏 (2427)
从平衡—封闭—静态转向非平衡—开放—动力学研究—热液矿床成因的若干新概念概述	张荣华, 胡书敏, 张雪彤 (2437)
矿产区划——地质科学研究与矿产勘查结合的新形式	朱裕生 (2454)
矿区水文地质研究进展及中长期发展方向	张发旺, 陈立, 王滨, 么红超, 许柏青, 李敏巍, 胡博文, 钱龙 (2464)
地下水水质评价与水资源管理: 水文地球化学与同位素方法的应用研究进展	焦杏春 (2476)
塔河油田奥陶系岩溶储层垂向带发育特征及其识别标准	邹胜章, 夏日元, 刘莉, 唐建生, 梁彬 (2490)
陆域冻土区天然气水合物多波地震数值模拟研究	韩建光, 于常青, 张晓波, 谷丙洛, 王赞, 陈鹏 (2502)
中国没有牙齿的翼龙化石	吕君昌, 滕芳芳, 孙德玉, 沈才智, 李国清, 高霞, 柳汉丰 (2513)

第 10 期

地调百年传薪火 砥砺前行谱新篇	钟自然 (I)
阿尔金南缘早古生代岩浆作用及碰撞造山过程	康磊, 校培喜, 高晓峰, 奚仁刚, 杨再朝 (2527)
扬子西缘江浪穹隆核部里伍岩群的形成时代及构造背景	李同柱, 代堰铭, 周清, 张惠华, 冯孝良, 马东, 沈战武 (2551)
汶川地震断裂带碳质来源、赋存特征及构造意义	刘江, 李海兵, 司家亮, 刘栋梁, 王焕 (2567)
甜水海地块晚寒武世花岗岩对原特提斯洋演化的启示: 来自锆石年代学和地球化学的证据	张辉善, 何世平, 计文化, 王超, 史俊波, 康孔跃, 张杰, 祝大伟, 汤宏伟, 李承栋, 蒯德华 (2582)
甘蒙北山志留纪公婆泉群火山岩的地球化学及其对岩石成因和构造环境的制约	王国强, 李向民, 徐学义, 余吉远, 过磊, 闫巧娟, 计波, 武鹏 (2603)
辽东地区古元古代花岗岩 SHRIMP U-Pb 年龄、Hf 同位素组成及构造意义	宋运红, 杨凤超, 闫国磊, 魏明辉, 石绍山 (2620)
大兴安岭北部伊图里河地区二长花岗岩的成因及构造背景	吴涛涛, 陈聪, 刘凯, 鲍庆中, 周永恒, 宋万兵 (2637)
扬子北缘神农架地区郑家垭组碎屑锆石年代学及其构造意义	徐大良, 刘浩, 魏运许, 彭练红, 邓新 (2648)
中扬子地区南华纪早期碎屑锆石 U-Pb 年龄及其对物源特征和古地理格局的约束	宋芳, 牛志军, 何垚砚, 杨文强 (2661)
敦煌地块三危山地区花岗岩体地球化学、锆石 U-Pb 定年及 Hf 同位素特征	王楠, 吴才来, 马昌前, 雷敏, 郭文峰, 张昕, 陈红杰 (2681)
大兴安岭北段扎兰屯地区晚古生代海相火山岩年代学和地球化学特征及其构造意义	张渝金, 张超, 吴新伟, 崔天日, 杨雅军, 陈会军, 江斌, 郭威, 马永非 (2706)
苏鲁超高压变质带超镁铁岩深部碳酸盐交代作用的证据	陈世忠, 杨经绥, 许志琴, 朱筱婷 (2721)
辽东北—吉南中生代火山岩地层与辽西义县组的对比	陈井胜, 李斌, 姚玉来, 刘森, 杨帆, 邢德和, 李伟, 汪岩 (2733)
新疆白鑫滩铜镍矿床矿物学、Sr-Nd 同位素特征及其成矿过程探讨	王亚磊, 张照伟, 张江伟, 尤敏鑫, 李侃, 王博林 (2747)

大兴安岭根河地区铅锌银矿床岩石地球化学特征及 LA-ICP-MS U-Pb 年龄	张璟, 邵军, 周永恒, 石绍山, 刘长纯, 贺锋 (2759)
辽宁青城子矿集区金银矿成矿流体特征和成矿物质来源示踪	杨凤超, 宋运红, 张朋, 柴鹏, 李斌 (2775)
湘西花垣铅锌矿田成矿物质来源的 C、O、H、S、Pb、Sr 同位素制约	周云, 段其发, 陈毓川, 唐菊兴, 曹亮, 彭三国, 甘金木 (2786)
巴基斯坦雷克迪克斑岩型 Cu-Au 矿集区典型矿床闪长岩 Pb、Sr、Nd 同位素组成特征及其示踪意义	吕鹏瑞, 姚文光, 张海迪, 于小亮, 杨博, 孟广路, 田浩浩 (2803)
东昆仑热水钼多金属矿床辉钼矿 Re-Os 同位素年龄及地质意义	国显正, 贾群子, 郑有业, 李金超, 栗亚芝, 孔会磊 (2818)
西昆仑切列克其菱铁矿床地质地球化学特征及其对矿床成因的制约	乔耿彪, 王萍, 王志华, 伍跃中, 吴海才, 赵晓健, 陈登辉 (2830)
山东金矿找矿突破进展与前景	于学峰, 宋明春, 李大鹏, 田京祥, 王来明 (2847)
北祁连白银厂铜多金属矿田若干问题探讨	赵国斌, 杨合群, 任华宁, 谢燮, 贾健 (2863)
青海五龙沟金矿多属性地球化学异常研究	张东, 朱立新, 苏磊, 马生明, 陈宏强, 李景运 (2874)
粤北始兴地区水系沉积物测量地球化学特征及找矿预测	陈乐柱, 肖惠良, 范飞鹏, 王伟星, 蔡逸涛, 朱意萍 (2887)
矿床成因类型对铅锌矿床勘查类型划分的影响	赵亚辉, 唐卫国, 傅群和, 秦雅静 (2897)
基于证据加权模型的综合信息成矿预测	杨佳佳, 林楠 (2908)
云南漕涧锡矿矿区以钻代槽勘查技术研究	赵洪波, 何远信, 宋殿兰, 王宝盛, 郭强, 卢猛, 冉灵杰, 郭坤, 祝强 (2919)
陆相煤系页岩气储层孔隙特征及其主控因素	张晓波, 司庆红, 左兆喜, 张超, 周帅 (2930)
略论中国水安全问题与地下水的保障作用	吴爱民, 荆继红, 宋博 (2939)
长江三角洲地区地下水调查点特殊分布的评价方法解析	黄金玉, 姜月华, 苏晶文, 张泰丽 (2948)
2000~2015 年金砖国家地质调查机构科研态势分析——基于文献计量学方法研究	史静, 王鑫, 肖仙桃, 白光祖, 刘澜, 章茵, 王欢, 李玉馨 (2962)

第 11 期

青藏高原片麻岩穹窿与找矿前景	许志琴, 付小方, 马绪宣, 戚学祥, 吴婵, 侯立伟, 赵中宝 (2971)
松潘-甘孜造山带鲜水河断裂与雅拉雪山片麻岩穹窿的关系	吴婵, 许志琴, A. A. G. WEBB, 董汉文, 曹汇, 程展展 (2982)
东北帕米尔中新世中下地壳物质的折返过程: 公格尔西滑脱剪切带的构造变形与年代学证据	蔡志慧, 许志琴, 曹汇, 梁风华 (2999)
喜马拉雅造山带北缘大反转逆冲断层(GCT)东段的活动时限及构造演化	董汉文, 许志琴, 周信, 巴登珠, 李化启, 易治宇, 陈希节, 马绪宣, 吴婵 (3011)
运动学涡度在藏南冈底斯岩浆带中段谢通门-曲水韧性剪切带中的应用	孟元库, 许志琴, 马士委, 刘晓佳 (3023)
喜马拉雅碰撞造山带不同类型部分熔融作用的时限及其构造动力学意义	高利娥, 曾令森, 王莉, 侯可军, 高家昊, 尚振 (3039)
缅甸中部抹谷早白垩世构造岩浆作用及对特提斯演化的启示	陈希节, 许志琴, Kyaing Sein, 孟元库, 蔡志慧 (3060)
青藏高原拉萨地块西部念青唐古拉岩群的地球化学特征及构造意义	吴勇, 马绪宣, 张志平, 焦世文, 段凯, 董瀚, 王小伟, 马涛, 李鹏举, 梁志勇, 曹勇刚, 孔垂鹏, 马亮 (3081)
雅鲁藏布江缝合带东段杰莎蛇绿岩中铬铁矿特征及其构造背景	熊发挥, 杨经绥, 巴登珠, 高健, 来盛民, 张岚 (3099)
萨尔托海铬铁矿中的矿物包体研究	田亚洲, 杨经绥 (3114)
西藏冈底斯带东段早侏罗世英云闪长岩的岩浆起源及其对拉萨地体地壳演化的意义	水新芳, 贺振宇, 张泽明, 陆天宇 (3129)
北山北部双井子复式岩体年代学、地球化学及其大地构造意义	郑荣国, 吴泰然, 肖文交, 孟庆鹏, 张文 (3153)
西藏措勤地区火山岩的年代学与地球化学及其对岩石成因的制约	周华, 邱检生, 喻思斌, 王睿强 (3173)
澜沧江构造带中南段小定西组火山岩形成时代的厘定及其构造意义	韦诚, 戚学祥, 常裕林, 吉凤宝, 张诗启 (3192)
西藏罗布莎康金拉铬铁矿区地幔橄榄岩锆石 SHRIMP U-Pb 年龄及地质意义	徐向珍, 杨经绥, 熊发挥, 巴登珠 (3215)
川西义敦岛弧稻城花岗岩体和海子山花岗岩体锆石 U-Pb 年代学、Hf 同位素特征及地质意义	王楠, 吴才来, 秦海鹏, 雷敏, 郭文峰, 张昕, 陈红杰 (3227)

胶北粉子山群和荆山群三叠纪变质变形记录: 金红石 U-Pb 年代学证据	李广旭, 曹汇, 王达, 许翠萍 (3246)
羌塘中生代海相盆地演化与后期改造及油气赋存	刘池洋, 郑孟林, 杨兴科, 何碧竹, 任战利, 郭佩 (3259)
碰撞前印度大陆北缘古地理轮廓——藏南晚白垩世堆拉灰岩古地磁研究	易治宇, 梁雅伦, 赵杰, 闫永刚, 陈力为, 唐祥德 (3282)

第 12 期

科技部 973 计划《中国北方巨型砂岩铀成矿带陆相盆地沉积环境与大规模成矿作用》简介	金若时 (I)
准噶尔盆地侏罗纪含铀岩系的层序划分与对比	金若时, 程银行, 杨君, 奥琮, 李建国, 李艳锋, 周小希 (3293)
南天山中、新生代造山作用与萨瓦甫齐铀矿床叠加富集效应	刘章月, 秦明宽, 刘红旭, 蔡根庆, (3310) 何中波, 郭强, 许强, 宋继叶
伊犁盆地南缘洪海沟矿床富大矿体地质特征与成因机制研究	陈奋雄, 聂逢君, 张成勇, 张占峰 (3324)
伊犁盆地南缘中下侏罗统碎屑岩地球化学特征及对物源制约	侯明才, 江文剑, 倪师军, 黄虎, (3337) 罗文, 石鑫, 缪宗利
新疆伊犁盆地砂岩型铀矿床层间氧化带中粘土矿物特征及与铀矿化关系研究	宋昊, 倪师军, 侯明才, 张成江, 时志强, 王果, 杨斌, 胡媛, 陈月娇 (3352)
鄂尔多斯盆地北部直罗组有机质特征及与铀成矿关系	侯惠群, 李言瑞, 刘洪军, 韩绍阳, 王贵, 白云生, 吴迪, 吴柏林 (3367)
鄂尔多斯盆地北部直罗组黄铁矿与砂岩型铀矿化关系研究	陈超, 刘洪军, 侯惠群, 韩绍阳, 柯丹, 白云生, 欧光习, 李言瑞 (3375)
鄂尔多斯盆地东胜区直罗组砂岩中烃类流体特征与铀成矿关系	赵兴齐, 李西得, 史清平, 刘武生, 张字龙, 易超, 郭强 (3381)
鄂尔多斯盆地北部砂岩型铀矿铀矿物地质地球化学特征及其成因意义	吴柏林, 张婉莹, 宋子升, 寸小妮, 孙莉, 罗晶晶, 李艳青, 程相虎, 孙斌 (3393)
鄂尔多斯盆地黄陵地区直罗组有机地球化学特征及其与铀成矿关系	张字龙, 范洪海, 蔡煜琦, 赵兴齐, 刘红旭, 贺锋, 李平, 杨梦佳 (3408)
鄂尔多斯盆地东北缘煤铀岩系层序地层与煤铀赋存规律研究	张云, 孙立新, 张天福, 程银行, 李艳锋, 马海林, 鲁超, 杨才, 郭佳城, 周晓光 (3424)
鄂尔多斯盆地北部砂岩型铀矿直罗组物源分析及其铀成矿意义	张龙, 吴柏林, 刘池洋, 雷开宇, 侯惠群, 孙莉, 寸小妮, 王建强 (3441)
鄂尔多斯盆地北缘侏罗纪延安组、直罗组泥岩微量、稀土元素地球化学特征及其古沉积环境意义	张天福, 孙立新, 张云, 程银行, 李艳锋, 马海林, 鲁超, 杨才, 郭根万 (3454)
鄂尔多斯盆地纳岭沟矿床绿泥石特征及地质意义	夏菲, 孟华, 聂逢君, 严兆彬, 张成勇, 李满根 (3473)
二连盆地马尼特坳陷西部幕式裂隙作用对铀成矿的影响	鲁超, 焦养泉, 彭云彪, 杨建新, 陈法正 (3483)
松辽盆地西缘早白垩世伸展事件: 流纹岩锆石 U-Pb 年龄、地球化学研究	程银行, 李影, 刘永顺, 滕学建, 李艳锋, 杨俊泉, 奥琮 (3492)
我国北西部地区层间氧化带砂岩型铀矿床微生物与铀成矿作用研究初探	张玉燕, 刘红旭, 修晓茜 (3508)
我国砂岩型铀矿分带特征研究现状及存在问题	付勇, 魏帅超, 金若时, 李建国, 奥琮 (3519)
层间氧化带砂岩型铀矿地电化学异常形成机理及其找矿意义	柯丹, 刘洪军, 侯惠群, 吴国东, 郝伟林, 易超 (3545)
酸性含 Fe ³⁺ 溶液作用下铀的溶解迁移特征	周义朋, 吉宏斌, 孙占学, 刘亚洁, 徐玲玲, 史维浚, 刘金辉 (3554)
腐殖酸对 U(VI) 的吸附性能研究	曾江萍, 安树清, 徐铁民, 刘义博, 张莉娟 (3563)
2016 年总目录	(3570)
征稿简则	(3590)

ACTA GEOLOGICA SINICA, 2016, Vol. 90, CONTENTS

No. 1

Indo-Asian Collision; Tectonic Transition from Compression to Strike Slip	
..... XU Zhiqin, WANG Qin, LI Zhonghai, LI Huaqi, CAI Zhihui, LIANG Fenghua, (23)	
..... DONG Hanwen, CAO Hui, CHEN Xijie, HUANG Xuemeng, WU Chan, XU Cuiping	
Discussions on the Driving Force of Crustal Movement; Nuclear Energy and Earth Evolution	MA Xuechang (36)
Geochemical Features of Source Rocks and Crude Oil in the Junggar Basin, Northwest China	
..... CHEN Jianping, WANG Xulong, DENG Chunping, LIANG Digang, ZHANG Yueqian, (67)	
..... ZHAO Zhe, NI Yunyan, ZHI Dongming, YANG Haibo, WANG Yutao	
Quantitative Assessment of Pyrolysis Gas Generated by Dispersed Liquid Hydrocarbon	
..... WANG Zhaoyun, ZHAO Wenzhi, WANG Dongliang, LI Yongxin, (79)	
..... XUE Haitao, HU Guoyi, JIANG Hua, ZHENG Hongju	
Early Ordovician Continental-Arc Collision and Retroarc Foreland Basin on the Northern Margin of Qaidam Basin; Geochemical Evidence from Clastic Rocks	
SUN Jiaopeng, CHEN Shiyue, MA Yinsheng, PENG Yuan, SHAO Pengcheng, MA Shuai, DAI Kun, ZHENG Ce (92)	
LA-ICP-MS Zircon Age of Metamorphism Rocks in the Rouqigang Area of Western Gonghe Basin; Maximum Depositional Ages of Protoliths and Provenance Feature	
..... LI Ruibao, PEI Xianzhi, YANG Shuahai, WANG Weifeng, WEI Liyong, SUN Yu, (114)	
..... LI Fei, LIU Mannian, ZHAO Changcun, LI Zuochen, YANG Gaoxue, CHEN Lizi	
Discovery of the Early Permian Ultramafic Rock in Dong Ujimqi, Inner Mongolia and Its Tectonic Implications	
..... CHENG Yinhang, ZHANG Tianfu, LI Yanfeng, LI Min, NIU Wenchao, (125)	
..... TENG Xuejian, DUAN Lianfeng, LIU Yang, DU Yelong, HU Xiaojia	
H-O-S-Pb Isotopic Characteristics of the Zhushahong Porphyry Copper Deposit in Dexing, Jiangxi Province, and Their Significance	YANG Bo, SHUI Xinfang, ZHAO Yuanyi, ZHU Xiaoyun, WANG Zengke (138)
Re-Os Isotopic Dating of Newly Discovered Porphyric Mo Deposit in the Central Section of Erenhot-Dong Ujimqin Qi and Its Geological Significance	
..... YU Reng'an, ZHANG Feng, TANG Yongxiang, LIU Xiaoxue, XIE Yu, QU Kai, LI Zhidan, QU Wenjun (150)	
Chronological Characteristics and Metallogenic Significance of Zhengguang Gold Deposit, Heilongjiang Province, China	
..... LI Yun, FU Jiajun, ZHAO Yuanyi, ZENG Hui (162)	
Early Jurassic Iron-Tin Mineralization Event in the Nanling Range; Evidence from LA-ICP-MS Zircon U-Pb and Phlogopite ^{39}Ar - ^{40}Ar Dating of the Dading Deposit in Lianping, Northern Guangdong	
..... CHENG Shunbo, FU Jianming, MA Liyan, LU Youyue, WANG Xiaodi, XIA Jinlong (176)	
Shale Gas Accumulation Condition and Favorable Area Optimization of the Permian Shanxi Formation, Eastern Ordos Basin	LAN Chaoli, GUO Wei, WANG Qi, ZHANG Xin (188)
OSL Dating of the Paleo-Earthquake and Paleo-Mudflow Event at the Machangyuan Ruins in the Minhe Basin	
..... GUO Yongqiang, HUANG Chunchang, ZHOU Yali, PANG Jiangli, (199)	
..... ZHA Xiaochun, ZHANG Yuzhu, HU Guiming, ZHOU Qiang	

No. 2

The Role of Oxidizing Reducing Barrier in Mineralization of Hydrothermal Uranium Ore	
..... LI Yanhe, DUAN Chao, ZHAO Yue, PEI Haoxiang, REN Shunli (218)	
Ore-Forming Material Sources of the Leucogranite-type Uranium Deposit in the Gaudeamus area, Namibia	
..... CHEN Jinyong, FAN Honghai, WANG Shengyun, GU Dazhao, CHEN Donghuan (230)	
Molybdenite Re-Os Isotopic Age of Fei'eshan Tungsten and Molybdenum Polymetallic Deposit in Chao'an, Guangdong	
..... LI Haili, XIAO Huiliang, FAN Feipeng, CHEN Lezhu, LIU Jianxiong, CHEN Xutao (239)	
Age and Source Constraints for Kongxintou Copper-Molybdenum Deposit Shandong from Re-Os Isotope in Molybdenite	

and Chalcopyrite	LI Chao, PEI Haoxiang, WANG Denghong, ZHOU Limin, ZHAO Hong, LI Xinwei, QU Wenjun, DU Andao	(249)
Zircon U-Pb Geochronological and Hf Isotope Study on Tiaojishan Volcanic Formation, Mujicun, North Taihang Mountain and Implications for Regional Metallogeny and Magmatism	DUAN Chao, MAO Jingwen, XIE Guiqing, CHEN Zhikuan, MA Guoxi, WANG Zhimin, CHEN Tao, LI Wei	(266)
Formation and Evolution History on the Northern Qilian Orogen; the Evidences from Compositions of Rivers' Sediments and Their Zircon U-Pb Ages, Hf Isotopic Compositions	LI Zhao, CHEN Yuelong, LIU Changzhen, GU Yuan, LI Dapeng	(282)
Petrogenesis of the Tashan-Yangmingshan Granitic Batholiths; Constraint from Zircon U-Pb Age, Geochemistry and Sr-Nd Isotopes	MA Liyan, LIU Shusheng, FU Jianming, CHENG Shunbo, LU Youyue, MEI Yuping	(303)
Petrology, Petrochemistry and Zircon U-Pb Dating and Hf Isotope Features of Xiamari Granites in Tanggula Magmatic Belt, Qinghai-Tibet Plateau	GUAN Junlei, GENG Quanru, PENG Zhimin, ZHANG Zhang, WANG Guozhi, CHEN Yuanyuan	(333)
A Speleothem $\delta^{13}\text{C}$ Record and Control Mechanism During 120~103kaB. P. from NE Sichuan, Central China	LIU Shuhua, HUANG Jiayi, CHEN Lin, YANG Liang, CHEN Qiong, MI Xiaojian, HE Haibo, DENG Xiaomin, PENG Xiaotao, LI Hanjie, ZHOU Houyun	(340)
Sulfur and Lead Isotope Compositions of the Shangxu Orogenic Gold Deposit in Northern Tibet; Implication for the Source of Ore-forming Material	PEI Yingru, YANG Zhusen, ZHAO Xiaoyan, ZHANG Xiong, MA Wang, XU Yutao, MAO Jingtao	(351)
Fe Isotopic Characteristics of the Dongshengmiao and the Tanyaokou Polymetallic Sulfide Deposits in Inner Mongolia and Their Metallogenic Significance	GAO Zhaofu, ZHU Xiangkun, GAO Wenge, WANG Binglin, SUN Jian, LUO Zhaozhua, BAO Chuang, TANG Chao	(360)
Tracing Incursion of the Evaporites into Jinshandian Skarn Fe Deposit, Hubei Province, by Combination of Multiple Stable Isotopes	ZHU Qiaoqiao, LI Wei, ZHANG Zhiyuan, HAN Yingxiao, WANG Jian	(375)
Characteristics and Implications of Groundwater Isotopes in Yamansu and Tianhu Preselected Section for China's High Level Radioactive Waste Disposal Repository	GUO Yonghai, LI Nana, ZHOU Zhichao, DONG Jiannan, ZHANG Ming, LIU Shufen	(382)
Late Paleozoic Subduction of the Paleo-Asian Ocean; Geochronological and Geochemical Evidence from the Meta-basic Volcanics of Xilinhot, Inner Mongolia	KANG Jianli, XIAO Zhibin, WANG Huichu, CHU Hang, REN Yunwei, LIU Huan, GAO Zhirui, SUN Yiwei	(397)
The New Understanding of the Cause of Dongshuichang Chambersite Deposit in Jixian, Tianjin	WANG Fuliang, FU Yong, XU Zhigang, PEI Haoxiang, JIANG Ran, ZHOU Wenxi	(408)

No. 3

Nanzhang-Yuan'an Fauna, Hubei Province and Its Significance for Biotic Recovery	CHEN Can, CHEN Xiaohong, CHENG Long, YAN Chunbo	(420)
Oil and Gas Source, Occurrence and Petroleum System in the Junggar Basin, Northwest China	CHEN Jianping, WANG Xulong, DENG Chunping, LIANG Digang, ZHANG Yueqian, ZHAO Zhe, NI Yunyan, ZHI Dongming, YANG Haibo, WANG Yutao	(449)
Geochronology and Geochemistry of Mesozoic Intrusive Rocks in the Yuhang-Lin'an-Fuyang Region, West Zhejiang and Their Geological Significance	TANG Zengcai, CHEN Zhongda, HU Wenjie, DONG Xuefa, WU Xiaoyong, YUAN Qiang	(467)
Basic Characteristics of the Magma Core Complex at Wugongshan, Jiangxi	LIU Xiyuan, YANG Xihao, NIE Longmin, LEI Tianhao	(474)
Fluid Inclusion and Organic Geochemistry Characteristics of Uranium-Bearing Sandstone in the Liuhuanguogou Area in the Southern Margin of Junggar Basin	HUANG Shaohua, QIN Mingkuan, LIU Zhangyue, MAO Lihua, HE Zhongbo, XU Qiang	(488)
Re-Os Geochronology of the Tuketuke Cu Deposit in Western Junggar, NW China and Its Metallogenic Significance	WANG Ran, LI Yongjun, WANG Junnian, ZHANG Shenglong, GUO Xin, DUAN Fenghao	(499)
Non-Glacial Origin of the Great Cobbles in the Highest Peak Area of Mao'er Mountain in Guangxi; Evidence from		

Remote Sensing, Geology and Morphology	
..... WU Hong, JIA Zhiqiang, LUO Yuanzhou, LI Guangping, ZHANG Yinqiao, GUO Qi, LU Dingge, CHEN Mengjie, HAO Min, GUAN Zhen	(511)
The Ordovician Thermal Evolution and Hydrocarbon Generation History in the Southwestern Margin of Weibei Uplifting of the Ordos Basin; A Case Study of the Linyou-Xunyi Region	
..... CAO Zhanpeng, REN Zhanli, XIONG Ping, QI Kai, CHEN Zhanjun	(520)
Interior Structure of Fractures in the Tight Sandstone-Gypsum Mudstone (Reservoir Caprock Combinations) in the Kuqa Depression, Tarim Basin, and Its Significance in Gas Reservoir Accumulation	
..... FU Xiaofei, XU Meng, LIU Shaobo, ZHUO Qingong, MENG Lingdong	(533)
Controlling Factors of Upper Paleozoic Clay Minerals in the Eastern Ordos Basin and Its Study Significance	
..... ZHAO Xiaohui, WEN Caixia, SHI Xiaoying, LIU Xiaopeng, CHEN Juanping	(540)
Reservoir Characteristics of High Abundance and Low Thermal Stage Lacustrine Shale: An Example from the Middle Jurassic Shale in the Northern Qaidam Basin	
..... YUAN Yuan, JIANG Zhenxue, YU Chen, WANG Pengfei, GUO Tianxu, ZHAO Ruotong, TANG Xianglu	(552)
A Comprehensive Review of Geologic Methane Emission in Hydrocarbon-Prone Areas	
..... XU Yue, TANG Junhong, WANG Guojian, WANG Weihai, XU Can	(558)
The Application of Nonlinear Technique in Provenance Analysis and Reservoir Parameter Prediction at the Lingshui 17-2 Gas Field of Qiongdongnan Basin	
..... ZHANG Yan, PEI Jianxiang, ZHOU Yongzhang, CHEN Yang	(568)
Redefinition of Formation Age of Late Paleozoic Strata in the Eastern Junggar Tectonic Zone and Its Implications for Evolution of Regional Geological Structure	
..... LI Zhensheng, NIE Feng, TIAN Xiaoli, SHI Yonghong, NIU Hao, WANG Chuang	(588)
Formation Age and Tectonic Attribute of Jinshuikou Group Complex in the Nanshan Area, Qinghai	
..... GUO Xianqing, YAN Zhen, FU Changlei, WANG Zongqi	(606)
No. 4	
Cathaysia Old Land and Relevant Problems: Pre-Devonian Tectonics of Southern China	REN Jishun, LI Chong(614)
Thrust and Uplift of the Lung’erni-Angdarco Paleo-Oil Reservoirs in the Qiangtang Basin	
..... WU Zhenhan, LIU Zhiwei, ZHAO Zhen, JI Changjun, YE Peisheng	(627)
Fundamental Structural Framwork and Cognition of Junggar Coal Basin, Xinjiang	
..... WANG Tong, FENG Fan, JIANG Tao, WANG Qingwei, XIA Yucheng, WEI Bo, YANG Shuguang	(638)
Geometric Evidence for Several Synchronous Thrust Faulting Activities of the Thrust Belt in the Southern Margin of Junngar, North Tianshan	
..... YANG Geng, ZHAO Mengjun, CHEN Zhuxin, WANG Xiaobo	(652)
Numerical Simulation of Structural Styles and Evolution of the Daba Shan Foreland Thrust Belt	
..... HUANG Guangming, WANG Yuejun, ZHAO Yonggang, HUANGFU Pengpeng	(668)
Seismic Sequences, Evolution and Control Factors of Large Cambrian Progradational Platform-Slope System in the Northern Tarim Basin, Northwest China	
..... LIU Cunge, LI Guorong, LUO Peng, WANG Ming, LUO Mingxia, LIU Yongli	(687)
Late Carboniferous-Permian Tectono-Geographical Conditions and Development in Eastern Inner Mongolia and Adjacent Areas	
..... TIAN Shugang, LI Zishun, ZHANG Yongsheng, GONG Yuexuan, ZHAI Daxing, WANG Meng	(707)
Zircon SHRIMP U-Pb Dating of Intermediate-Felsic Volcanic Rocks from the Kaladawan Area, Altun Mountains and Its Tectonic Environment	
..... CHEN Bolin, LI Songbin, JIANG Rongbao, CHEN Zhengle, HAN Fengbin, CUI Lingling, LI Li, ZHAO Shuming, QI Wanxiu, YANG Yi, WANG Shixin, WANG Yong, ZHOU Yonggui, HAO Ruixiang	(727)
Detrital Zircon Geochronology of the Late Paleozoic Taohekou Formation and Its Constraints on the Paleozoic Magmatic Events in North Daba Mountains	
..... ZHANG Yingli, WANG Zongqi, WANG Gang, WANG Kunming	(738)
Geochemistry and Geochronology of Amphibolite in the East of Qikeshan in South Altyn Tagh and Their Genetic Significance	
..... WANG Lishe, LI Zhiming, QIU Yinjiang, ZHANG Yaoxuan, ZHAN Xiaodi	(751)
Geochemical Characteristic of Mesozoic Granite of the Penglai 9-1 Buried Hill, Bohai Bay and Its Geological Significance ..	
..... FENG Chong, WANG Qingbin, YANG Bo, ZHAO Guoxiang, LIU Xiaojian	(768)
Geochemical Characteristics and Petrogenesis of the Acidic Volcano-intrusive Complexes, Xiangshan, Jiangxi	
..... GUO Fusheng, YANG Qingkun, MENG Xiangjin, XIE Caifu, SHI Guo, CHEN Liuqin, JIANG Zhenpin, ZENG Tao, LUO Nenghui	(783)

Volcanic Origin of Claystone near the Permian-Triassic Boundary in the Deep Water Environment of the Lower Yangtze Region and Its Implications for LPME	··· LIAO Zhiwei, HU Wenxuan, WANG Xianlin, CAO Jian, YAO Suping, WAN Ye(800)
Hydrogeochemistry and Stable Isotopes of Groundwater from Shouguang, Laizhou and Longkou in the South Coast	
Aquifer of Laizhou Bay	····· YANG Qiaofeng, WANG Ruijiu, XU Suning, LI Wenpeng, (817) WANG Zhiyi, MEI Junjun, DING Zhilei, YANG Peijie
A New Chemical Index of Identifying the Weathering Degree of Black Shales	·····
	····· WU Beijuan, PENG Bo, ZHANG Kun, KUANG Xiaolian, TU Xianglin, FANG Xiaohong, ZENG Dengzhi(832)

No. 5

Discovery of the Late Jurassic Coral Fauna in the Baoji Area, Tibet and Its Significance	·····
	····· MENG Yazhou, JI Zhansheng, LIAO Weihua, YAO Jianxin, WU Guichun, SUN Qian, WU Zhenjie (847)
Development Characteristic of Strike-Slip Duplex in the Eastern Part of Liaodong Bay Depression and Its Petroleum Geological Significance	····· WU Zhiping, ZHANG Jing, REN Jian, XU Changgui, LI Wei, ZHANG Xiaoqing (856)
The Provenance and Tectonic Setting of Late Triassic Xujiache Formation in the Longmenshan Foreland Basin, SW China	·····
	····· CHEN Bin, LI Yong, WANG Weiming, LI Haibing, SU Dechen, YAN Zhaokun (872)
Crystallization Experiment Study of Zabuyelite Using Hydrothermal Diamond Anvil Cell	·····
	····· DING Xin, LI Jiankang, LI Shenghu, WANG Xian (878)
Geological and Geochemical Characteristics and LA-ICP-MS Zircon U-Pb Ages of the Jinzhai Intrusion in Anhui Province	·····
	····· CHEN Fang, PENG Zhi, QIU Junqiang, DONG Tingting, LIU Binqun (895)
New Evidence for the Ages of Ultramafic to Mafic Dikes and Alkaline Volcanic Complexes in the North Daba Mountains and Its Geological Implication	····· XIANG Zhongjin, YAN Quanren, SONG Bo, WANG Zongqi (916)
Zircon U-Pb Geochronology, Geochemistry and Petrogenesis of the Quartz Monzonite from the Jidetun Molybdenum Deposit in Jilin Province	····· MENG Qingfeng, YU Xiaofei, ZHENG Wei (932)
Zircon U-Pb Geochronology and Geochemical Characteristics of the Mafic Intrusions in Northwestern Guizhou Province, and Their Significances to the Lead-Zinc Mineralization	·····
	····· QI Youqiang, HU Ruizhong, ZHANG Hai, REN Guangming, WU Liyan, (949) ZHU Jingjing, WANG Xinsong, MENG Changzhong, JIN Xianglin
Petrogenesis of the Wusan Pluton in West Junggar: Evidence from Geochronology, Petrology and Geochemistry	·····
	····· ZHAO Bingbing, DENG Yufeng, ZHOU Taofa, YUAN Feng, ZHANG Dayu, LI Peng, ZHANG Ruofei (970)
Sulfide Microanalysis and S Isotope of the Miaoshan Cu Polymetallic Deposit in Western Guangdong Province, and Its Constraints on the Ore Genesis	·····
	····· XING Bo, ZHENG Wei, OUYANG Zhixia, WU Xiaodong, LIN Weipeng, TIAN Yun (986)
Jiaodong-Type Gold Deposit Related to Crust Source Remelting Layered Granite and Crust-Mantle Mixed Granodiorite	·····
	····· TIAN Jiepeng, TIAN Jingxiang, GUO Ruipeng, WEI Changshan, WANG Ligong, YU Xiaowei, (996) LI Xiuzhang, HUANG Yongbo, ZHANG Chunchi, LIU Handong, ZHU Peigang
Grain Size Analysis of the Late Pleistocene Sediments in Sanhe County, Hebei Province	····· LIU Zhirong, SHEN Jun, HUANG Jingyi, CHEN Yaofei (1005)
Micro-area Analysis and Mechanism of Varves from Lake Kusai in the Hoh Xil Area, Northern Tibetan Plateau	·····
	····· CHEN Yu, LIU Xingqi, HE Li, YE Li, CHEN Huifen, LI Kai (1015)
The Research of SiO ₂ Occurrence in Mud Shale Reservoir of the Yanchang Formation in Ordos Basin	·····
	····· LIU Guoheng, HUANG Zhilong, GUO Xiaobo, LIU Zaizhen, GAO Xiaoyu, CHEN Changchao, ZHANG Chenglin (1029)
Composition and Hydrogen Isotope of <i>n</i> -Alkanes in Sediments from Gahai Lake of Qinghai-Tibet Plateau, China and Their Implications for Organic Origin	····· DUAN Yi, WU Yingzhong, ZHAO Yang (1039)

No. 6

The NW-SE-trending Structure Perpendicular to the Yingxiu-Beichuan Faulting Zone and the Wenchuan Earthquake	·····
	····· CUI Junwen, WANG Lianjie, ZOU Zhangchun, SUN Dongsheneg, PENG Chen, CHEN Weiwei, LI Zongfan(1061)
Tectonic Genesis of the 2015 Ms8.1 Nepal Great Earthquake and its Influence on Future Strong Earthquake Tendency of Tibetan Plateau and its Adjacent Region	····· WU Zhonghai, ZHAO Genmo, LIU Jie(1085)
The Development and Distribution Characteristics of Geohazards Induced by August 3, 2014 Ludian Earthquake and	

Comparison with Jinggu and Yingjiang Earthquakes	
.....	YIN Zhiqiang, XU Yongqiang, CHEN Hongqi, SA Lanpeng, JIANG Xingwu(1097)
The Structural Formation Mechanism of L Tectonites in Tongbai Mountain and its Constraints on the Orogenic Evolution ...	
.....	LIU Huan, LIN Shoufa, SONG Chuanzhong(1110)
Tectonic Property of the Beihuaiyang Tectonic Belt and its Implications for the Location of the Suture Zone between Yangtze Block and North China Block	
.....	HUANG Peng, SONG Chuanzhong, REN Shenglian, LIN Shoufa, ZHANG Yan, (1129)
.....	LI Jiahao, LIU Huan, WANG Wei, YANG Fan, LIU Qineng
The Application of EBSD in the Study of Crustal Structural Deformation	
.....	HUANG Xuemeng, ZHANG Jinjiang, XU Zhiqin(1145)
U-Pb Zircon Geochronology of Magmatic Rocks from the Zhaceqiao Gold Deposit in the Dongzhi Area, South Anhui Province and its Metallogenic Significance	
.....	NIE Zhangxing, SHI Lei, GU Huangling, QIAN Xiang, (1166)
.....	XU Fei, YANG Jinlong, YANG Xiaoyong
Two Stages of Diagenesis and Metallogenesis of Shapinggou Molybdenum-Lead-Zinc Ore Field in Jinzhai County, Anhui Province	
.....	LU Sanming, RUAN Linsen, ZHAO Lili, WANG Bohua, (1181)
.....	ZHANG Huaidong, WANG Guoguang, CHEN Fang
Formation of Al-Rich Type Podiform Chromitites in the Kudi Ophiolite	
.....	LIU Jianguo, WANG Jian(1194)
Geochemical Characteristic of the Xungba Formation Sandstones in the Xungba Basin, Tibet, and its Constraints on Provenance and Tectonic Setting	
.....	WANG Congshan, CHEN Wenxi, SHAN Fulong(1207)
The Characteristics of Microfacies and Clay Minerals of the Chihsia Formation Carbonate Rocks of Middle Permian in Susong, Anhui and its Implication for Sedimentary Facies and Paleoclimate	
.....	CHENG Cheng, LI Shuangying, ZHAO Wanwei, PENG Liang(1219)
The SiO ₂ Occurrence and Origin in the Shale System of Middle Permian Series Lucaogou Formation in Malang Sag, Santanghu Basin, Xinjiang	
.....	LIU Guoheng, HUANG Zhilong, GUO Xiaobo, LIU Zaizhen, (1235)
.....	GAO Xiaoyu, CHEN Changchao, ZHANG Chenglin, WANG Xin
The Diagenetic Sequence Stratigraphy Characteristics of Upper Triassic Xujiache Formation in Central Sichuan Basin	
.....	LAI Jin, WANG Guiwen, WANG Di, ZHOU Zhenglong, RAN Ye, CHEN Jing, WANG Shuchen, ZHANG Xiaotao(1252)
Geochronology, Geochemistry and Petrogenesis of the Tongshan Intermediate-Felsic Rocks in Guangfeng County, Jiangxi Province	
.....	LÜ Jinsong, ZHANG Xuehui, SUN Jiandong, LUO Xuequan, (1267)
.....	KANG Congxuan, JIAN Yinfeng, TANG Zheng
No. 7	
Division of Major Mineralization Belts of China's Key Solid Mineral Resources and their Mineral Resources Potential	
.....	XIAO Keyan, XING Shuwen, DING Jianhua, ZHU Yusheng, MA Yubo, (1280)
.....	CONG Yuan, YIN Jiangning, SUN Li, CHEN Zhenghui, XI Weijie
Geological Metallogenic Characteristics and Mineral Resource Potential of the Au-Ag-Cu-Mo Metallogenic belt in Eastern Jilin-Heilongjiang Provinces	
.....	MA Yubo, XING Shuwen, XIAO Keyan, YU Cheng, (1297)
.....	TANG Chen, DING Jianhua, ZHANG Yong, MA Lukuo
Geological Metallogenic Characteristics and Resource Analysis of the Liaodong-Jinan Fe-Mg-Cu-Au Metallogenic Belt	
.....	MA Yubo, XING Shuwen, XIAO Keyan, YU Cheng, SUN Penghui, ZHANG Yong, MA Lukuo(1315)
Geological Characteristics and Mineral Resource Potential of the Cu-Mo-Ag Metallogenic Belt in Daxinganling Mountains	
.....	MA Yubo, XING Shuwen, XIAO Keyan, ZHANG Tong, TIAN Fang, DING Jianhua, ZHANG Yong, MA Lukuo(1333)
Geological Characteristics and Resource Potential Analysis of the Altay-North Junggar Chromite-Cu-Au-Pb-Zn-Ni Metallogenic Belt	
.....	DING Jianhua, XING Shuwen, XIAO Keyan, MA Yubo, ZHANG Tingting, LIU Yaling(1352)
Metallgoenic Features and Resource Potential of the West Kunlun to Altun Fe-Pb-Zn-Au-Rare Metals Metallogenic Belt	
.....	WANG Yan, XING Shuwen, XIAO Keyan(1363)
Mineralization Characteristics and Resource Potential Analysis of the East Kunlun Metallogenic Belt	
.....	LIU Jiannan, FENG Chengyou, XIAO Keyan, HE Shuyao, LI Daxin, ZHAO Yiming(1376)
Metallgoenic Features and Resource Potential of the West Tianshan Fe-Pb-Zn-Au-Cu Metallogenic Belt	
.....	WANG Yan(1391)
Geological Characteristics and Resource Potential Analysis of the Dongtianshan-Beishan Cu-Ni-Au-Pb-Zn Metallogenic Belts	
.....	DING Jianhua, XING Shuwen, XIAO Keyan, MA Yubo, LIN Jianchen, DENG Gang(1412)

Ore-forming Characteristics and Resource Potential Analysis of the Qinling Metallogenic Belt	LIU Jiannan, XIAO Keyan, CHEN Fenghe(1422)
Geological Characteristics of Minerogenesis and Prospecting of Qinling Au-Pb-Zn Metallogenic Belt	YE Huishou, WANG Yitian, DING Jianhua, WANG Ruiting, HU Qiaoqing, LU Dongyu, HE Chunfen, SUN Jia(1446)
Metallogenic Characteristics and Mineral Resource Potential Analysis of the Wudang-Tongbai-Dabie Mo-REE-Au-Ag-Pb-Zn Metallogenic Belt	YIN Jiangning, XING Shuwen, XIAO Keyan(1457)
Metallogenic Characteristics and Mineral Resource Potential of the REE-Mo-Pb-Zn-Au Polymetallic Metallogenic Belt in the Northern Margin of the North China Craton	ZHANG Yong, XING Shuwen, XIAO Keyan, MA Yubo, WANG Yan(1469)
Geological Features and Resource Potential of the Au-Fe Diamond Metallogenic Belt Bounded by Central Eastern Shandong and Northwestern Jiangsu Provinces	ZHANG Yong, XING Shuwen, YIN Jiangning, WANG Yan, MA Yubo(1481)
Geological Characteristics and Mineral Resource Potential of the Jin-Ji Al-Fe-Au-Pb-Zn-Ag-Cu-Coal Metallogenic Belt in the North China Block	LI Junjian, DANG Zhicai, FU Chao, XIAO Keyan, DING Jianhua, ZHAO zelin, REN Suxiang, HOU Zhanguo, FANG Tongming, YANG Junquan, LI Lei (1503)
Metallogenic Characteristics and Potential Analysis of the Yuxi Au-Mo-W-Pb-Zn-Ag-Fe-Bauxite-Graphite Metallogenic Belt in Western Henan	LI Junjian, HE Yuliang, FU Chao, ZHANG Yanqi, PENG Yi, CUI Laiyun, ZHAO Zelin, DANG Zhicai, ZENG Xianyou, WANG Jizhong, LI Zhongming, CHEN Anshu, YANG Junquan, LI Lei (1524)
Metallogenic Characteristics and Resource Potential Analysis of the Middle-Lower Yangtze River Fe-Cu-Au-Pb-Zn Metallogenic Belt	YIN Jiangning, XING Shuwen, XIAO Keyan(1536)
Geological Characteristics and Mineral Resource Potential of the Wuyishan Cu-Pb-Zn Polymetallic Metallogenic Belt	DING Jianhua, FAN Jianfu, YIN Jiangning, LIU Yaling(1550)
Geological Characteristics of Minerogenesis and Prospecting in Eastarn Qinzhou-Hangzhou Cu-Au-Pb-Zn-W Metallogenic Belt	LIU Yi, LUO Xuequan, ZHANG Xuehui, BAN Yizhong, ZENG Yong, ZHOU Zongyao, LOU Fasheng(1572)
Geological Characteristics and Resource Potential Analysis of the Nanpaniang-Youjiang Sn-Sb-Mn-Zn-Al-Au Metallogenic Belt	CONG Yuan, XIAO Keyan, LIU Zengtie, DONG Qingji(1588)
Character and Potential Analysis of Mineral Resources in Nanling Region	SUN Li, XIAO Keyan, XING Shuwen, DING Jianhua(1597)
Characteristics and Mineralisation Potential of Hainan-Western Guangdong-Southeast Guangxi Metalloegenic Belt	SUN Li, XIAO Keyan, XING Shuwen, DING Jianhua(1607)
Geological Characteristics and Resource Potential Analysis of the Upper Yangtze Mn-Zn-Ag-Cu-Al Metallogenic Belt	CONG Yuan, DONG Qingji, XIAO Keyan, LIU Zengtie(1622)
Geological Characteristics and Resource Potential Analysis of the Bangong-Nujiang Cu-Au-Fe-Li Metallogenic Belt	CUI Ning, XING Shuwen, XIAO Keyan, DING Jianhua(1635)
Geological Features and Resource Potential of the Gangdise-Southern Tibet Cu-Ag-Pb-Zn-Mo Metallogenic Belt	XI Weijie, XIAO Keyan(1649)
Metallogenic Characteristics and Mineral Resource Potential of the Southwestern Shanjiang Zn-Pb-Cu-Ag-Sb-AuMetallogenic Belt	GAO Lan, XIAO Keyan, CONG Yuan, DING Jianhua, LIU yaling, XIU Qunye, WANG Shaowen, HU Guyue(1667)

No. 8

Paleoclimate and Paleoenvironment Implications of the Middle-Late Jurassic Tiaojishan Formation, Western Liaoning Province: Evidence from Fossil Wood Data	JIANG Zikun, WANG Yongdong, TIAN Ning, ZHANG Wu, ZHENG Shaolin(1678)
Features of Mammalian Fossil Geoheritage in Hezheng, Gansu and Their Scientific Significances	LIU Gang, MU Quanhai, YAO Haitao(1691)
Ancient Oceanic Crustal Subduction of the East Kunlun Orogenic Belt; Evidence from Deep-Reflection Seismic Data	LIU Zhiwei, ZHAO Wenjin, WU Zhenhan, SHI Danian(1702)
In Situ Stress Characteristics in the Western Coast of Taiwan Strait	LI Ran, CHEN Qunce, ZHANG Chongyuan, MENG Wen, NIU Linlin, QIU Jun, CHEN Lizhong(1714)
Crustal Structure in Qiangtang and Its Southern Neighborhood	QIAN Hui, LI Haibing, LIU Dongliang, XUE Gaungqi, WU Zhenhan(1724)

Discovery of Silurian Pluton in the Enger Us Region in the Northern Margin of Alxa Block	
..... ZHENG Rongguo, LI Jinyi, XIAO Wenjiao, LIU Jianfeng, WU Tairan(1736)	
Assembling Mechanism for the Late-Miocene Mabja Leucogranite Pluton, Himalayan Orogen	
..... HU Guyue, ZENG Lingsen, CHEN Han, Gao Li'e(1754)	
U-Pb Ages, Hf Isotopic Composition and Geochemistry of K-feldspar Granite Porphyry from the Dianfang Gold	
Deposit in Songxian County, Henan Province	TIAN Yongfei, YE Huishou, LI Zhengyuan, (1777)
..... BI Minfeng, WANG Peng, YUAN Ruijie, LIU Yibo	
The Characteristics of Ore-forming Fluids and Mineralization Mechanism in the Badaguan Porphyry Cu-Mo Deposit, Inner	
Mongolia, NE China	KANG Yongjian, XIANG Anping, SHE Hongquan, SUN Yuliang, YANG Wensheng(1797)
Geological, Geochemical Characteristics and the Genetic Mechanism of the Zhuanshanzi Gold Deposit In Inner Mongolia,	
China	WANG Fengxiang, SUN Aiqun, PEI Rongfu, LIU Yifei, JIANG Sihong(1816)
Geochronology of Main Intrusive Rocks in Daxigou Gold Deposit, Northern Hebei Province and Their Tectonic-	
Metallogenic Singnificane	JIANG Zhe, JIANG Sihong, LIU Yifei, LIU Yunjie, (1834)
..... BO Jinxing, CHEN Jianzhi, ZHANG Hongpeng	
The Jurassic Mineralization of the Shuangjianzisha Ag-polymetallic Deposit and its Significance in Prospecting;	
Evidence from Geochronology	OUYANG Hegen, LI Ruihua, ZHOU Zhenghua(1845)
Fluids in Extreme Conditions of the Earth Interior: 1. In Situ Observation of the High Temperature and Ultra-High	
Pressure Fluids by Using Diamond Anvil Cell	ZHANG Xuetong, ZHANG Ronghua, HU Shumin(1859)
Geochemistry of Ordovician Detrital Rocks and Its Constrains on Provenance in Zhuozishan Area, Northwest Ordos Basin	
.....	WU Sujuan, ZHANG Yongsheng, XING Enyuan(1873)
Provenance Tracing of Cretaceous Detrital Muscovite in the Kuqa Basin and Its Tectonic Significance	
..... YU Shun, CHEN Wen, SUN Jingbo, YIN Jiyuan, ZHANG Yan, LIU Xinyu, YUAN Xia, MA Xun(1885)	
Provenance Characteristic of the Neoproterozoic Longtanhe Formation in the North Daba Mountain, Central China;	
Constrains from Detrital Framework and Zircon Geochronology	XIANG Zhongjin, YAN Quanren, XIA Lei, (1899)
..... SONG Bo WANG Zongqi	
Origin of Boron in the Dangxiong Co Salt Lake, Tibet, China	LUO Yangbing, ZHENG Mianping(1907)
Noble Gas Isotope Analytical Techniques and Its Application in Economic Geology Researches	
..... DUAN Chao, LIU Feng, HAN Dan, LI Yanhe(1921)	
Sulfate Concentrations and Source Identification in Different Water Bodies of the Chadianqiao Underground River Basin in	
Central Guizhou	REN Kun, PAN Xiaodong, LAN Ganjiang, JIAO Youjun, (1932)
..... ZENG Jie, MENG Xiaojun, PANG Yuan	
Chemical Denudation Rate and Atmospheric CO ₂ Consumption by H ₂ CO ₃ and H ₂ SO ₄ in the Yangtze River Catchment	
..... ZHANG Liankai, QIN Xiaoqun, LIU Pengyu, HUANG Qibo(1943)	
The Environmental Significance of Sulfur Isotope in Surface Water-Ground Water-Shallow Thermal Water in Wentang Gorge	
Anticline, Chongqing, China	XIAO Qiong, YANG Lei, PU Junbing, (1954)
..... LIANG Zuobing, YUAN Daoxian, QIU Shulan	
Environment Geochemistry of Heavy Metals in the Alluvial Soils of Yangtze River in Wuhan City	
..... YANG Fan, HAO Zhihong, ZHANG Shunyao, LIU Huazhong, WANG Chengwen, LING Qicong(1964)	
Biogeochemical Controls on Daily Cycling of DIC and NO ₃ ⁻ of Guancun Karst Stream in Guangxi	
..... ZHANG Tao, PU Junbing, YUAN Daoxian, LI Jianhong(1976)	
The Geochemical Distribution Characteristics and Source Analysis of Heavy Metals in the Typical Hilly Acidic Soil	
Region of South China	LI Jie, ZHU Lixin, ZHAN Mingguo, YANG Zhiqiang, ZHONG Cong(1987)
The Character and Influencing Factors of Geochemical Distribution in Basic Farmland of Economic Zone along Yangtze	
River in Anhui	WANG Qian, ZHANG Guanghui, TIAN Yanliang, YAN Mingjiang, ZHANG Xiyu(1997)
Climatic and Environmental Changes of the Lugu Lake Area During the Late Holocene	
..... LI Suping, LI Jinfeng, WU Zhenjie, YAO Jianxin(2012)	
Determination of Age and Sedimentation Rates Using Radionuclide (²¹⁰ Pb _{uns} and ¹³⁷ Cs) Dating in Inter-dune Lakes of the	
Badain Jaran Desert, China	LIU Siwen, CHU Guoqiang, LAI Zhongping(2022)
The Late Eocene Aridification of Tibetan Plateau: Evidence from Carbon and Oxygen Isotopes of Kangtuo Foramtion	
Primary Carbonates in Gaize Basin ...	JIANG Gaolei, XU Yadong, SONG Bowen, ZHANG Kexin, LUO Liang(2034)
The Relationship between Local Climate/Large Scale Circulation and δ ¹⁸ O Recorded by Stalagmite in the Past 50 Years	

from Maomaotou Big Cave, Guilin	YIN Jianjun, TANG Wei(2042)
Occurrence Prospect of HDR and Target Site Selection Study in Southeastern of China	 LIN Wenjing, GAN Haonan, WANG Guiling, MA Feng(2058)
In-situ U-Pb Dating of Titanite by Laser Ablation Inductively Coupled Plasma-Mass Spectrometry(LA-ICP-MS)	 YUAN Jihai, SUN Dongyang, ZHAO Linghao, FAN Chenzi, HU Mingyue, ZHAN Xiuchun(2069)
Study on the Method for the Determination of Silver, Boron, Tin, Molybdenum, Lead in Geochemical Samples by AC-Arc Direct Reading Atomic Emission Spectroscopy	HAO Zhihong, YAO Jianzhen, TANG Ruiling, YANG Fan, (2082) LI Wenge, BAI Jinfeng, ZHANG Qin

No. 9

Signatures and Messages from 31 Academicians for Celebrating the 60th Anniversary of the Founding of the Chinese Academy of Geological Sciences	(I)
Congratulations on the 60th Anniversary of the Founding of the Chinese Academy of Geological Sciences-Palace of Geosciences and Cradle of Talents	MO Xuanxue(XX)
Scaling New Heights, Serving Our Country with Science and Technology: Celebrate the 60th Anniversary of the Founding of Chinese Academy of Geological Sciences	WANG Xiaolie(XXI)
Progress and Problems in the Hadean Research of the Globe	SHEN Qihan, GENG Yuansheng, SONG Huixia(2098)
Global Tectonic Position and Geodynamic System of China	REN Jishun, ZHAO Lei, XU Qinqin, ZHU Junbin(2108)
15 Years of Hardship and Struggle History and the Prospects for the Future of the Chinese Continental Scientific Drilling Program (CCSD): In Memory of the 15 Year Anniversary of CCSD and 20 Year Anniversary of ICDP	XU Zhiqin, YANG Wencai, YANG Jingsui, AN Zhisheng, WANG Chengshan, LI Haibing, (2122) LIU Jiaqi, SU Dechen, HE Bizhu, WANG Da, ZHANG Wei, ZHANG Xiaoxi
Progress and Prospects of Salt Lake Research in China	 ZHENG Mianping, ZHANG Yongsheng, LIU Xifang, QI Wen, KONG Fanjing, NIE Zhen, JIA Qingxian, (2165) PU linzhong, HOU Xianhua, WANG Hailei, ZHANG Zhen, KONG Weigang, LIN Yongjie
Crustal Density Structures Around Chinese Continent By Inversion of Satellite Gravity Data	 YANG Wencai, CHEN Zhaoxi, HOU Zunze, MENG Xiaohong(2175)
The Phasing of Yanshan Movement and Its Several Important Questions	ZHANG Hongren(2180)
Response of Sedimentary Depression to Crustal Thickening in the Silin Co Basin and Its Adjacent Areas, Tibet	 WU Zhenhan, ZHANG Qichao, WU Yanjun, YE Peisheng(2191)
The Formation and Tectonic Evolution of the Mongol-Okhotsk Belt	 HUANG Shiqi, DONG Shuwen, HU Jianmin, SHI Wei, CHEN Xuanhua, LIU Zhiqiang(2205)
New Knowledge of Lunar Tectonics: Researches on Lunar Tectonics and Geomorphology with Global Topographic Maps in High Accuracy of 60 Meters	 YANG Hongwei, ZHAO Wenjin, WU Zhenhan(2218)
Geochemistry of the Mesozoic Mafic Rocks of and Lithospheric Thickness Variation in Hunan-Jiangxi Province	 LIU Yong, LI Tingdong, XIAO Qinghui, XING Guangfu, WANG Tao, KOU Caihua, DUAN Zheng(2232)
Petrogenesis of Potassic Intrusive Rocks along the Southern Margin of the Luzong Volcanic Basin, Middle and Lower Yangtze River Reaches, China	 XUE Huaimin, MA Fang, CAO Guangyue, WANG Yipeng, GUO Xiuyan(2257)
Basement and Metallogeny Belt of the Middle-Lower Yangtze River, Eastern China	 LIU Gang, DONG Shuwen, MA Licheng, CUI Jianjun, XUE Huaimin, SHI Wei, LI Jianhua, HUANG Shiqi(2275)
Zircon U-Pb Dating of Paleozoic Granites From South Altun and Response of the Magmatic Activity to the Tectonic Evolution of the Altun Orogenic Belt	 WU Cailai, LEI Min, WU Di, ZHANG Xin, CHEN Hongjie, LI Tianxiao(2315)
Constraints of the Provenance and Deposition Time of the Early Paleozoic Sedimentary Rocks in the Lajishan Area, Central Qilian	 WANG Tao, MA Zhenhui, WANG ZongQi, ZHANG Han, WANG Dongsheng(2333)
Geochronology and Geochemistry Characteristics of the Early Permian Monzogranite and Dioritic Enclaves of East Tianshan and Their Tectonic Implications	 CHEN Xijie, ZHANG Kuihua, ZHOU Jian(2354)
Geochemical Characteristics of Early Permian Quartz Syenite Porphyry from Northern West Junggar and Their Tectonic Implication	 YIN Jiyan, CHEN Wen, YU Shun, SUN Jingbo, ZHANG Bin, YANG Li, YUAN Xia, ZHANG Yan(2364)
Petrogenesis of Lanqizhen Paleoproterozoic Garnet Granite at Longhua Area in the Northern Margin of the North China	

Craton and Its Geological Significance
..... LIU Jianfeng, LI Jinyi, QU Junfeng, HU Zhaochu, GUO Chunli, CHEN Junqiang(2383)

Asian Largest Lead-Zinc Ore Deposit; The Jinding Giant Pb-Zn Deposit by Three Stages Superimposed Mineralization
..... ZENG Pusheng, LI Hong, LI Yanhe, WANG Zhaoquan, WEN Ligang, LIU Siwen(2397)

Patterns of Metallogenesis of Jiulongnao Orefield in the East Section of the Nanling Region and Direction for Prospecting ...
..... WANG Denghong, ZHAO Zheng, LIU Shanbao, GUO Naxin, LIANG Ting, CHEN Wei, ZHOU Xinpeng(2411)

The Genesis and Metallogenic Pattern of the Matou Mo-Cu Deposit in Chizhou District, Anhui Province, China
..... XI Mingjie, AI Jinbiao, MA Shengming, ZHU Lixin(2426)

Mineralizing Agent Sulfur and Metallogenic Process
..... MA Shengming, ZHU Lixin, SU Lei, TANG Liling, LIU Yanpeng(2436)

From Equilibrium-static-close System to Non-equilibrium-kinetics-open Study; New Conception Outline of Hydrothermal ore
Deposition ZHANG Ronghua, HU Shumin, ZHANG Xuotong(2453)

Mineral Resources Assessment; A New Combination Model of Scientific Research with Mineral Exploration
..... ZHU Yusheng(2463)

Progress of Hydrogeological Research in Mining Areas and Its Mid- and Long-Term Trend
ZHANG Fangwang, CHEN Li, WANG Bin, YAO Hongchao, XU Baiqing, LI Minwei, HU Bowen, QIAN Long(2475)

Groundwater Quality Assessment and Groundwater Resource Management; A Review on Hydrogeochemical and
Stable Isotope Approaches JIAO Xingchun(2489)

Vertical Zone Characteristics and Identification Standard of Ordovician Karst Reservoirs in the Tahe Oilfield
..... ZOU Shengzhang, XIA Riyuan, LIU Li, TANG Jiansheng, LIANG Bin(2501)

Multiwave Seismic Numerical Simulation Study on Terrestrial Gas Hydrate in Permafrost Area
..... HAN Jianguang, YU Changqing, ZHANG Xiaobo, GU Bingluo, WANG Yun, CHEN Peng(2512)

The Toothless Pterosaurs from China
..... LÜ Junchang, TENG Fangfang, SUN Deyu, SHEN Caizhi, LI Guoqing, GAO Xia, LIU Hanfeng(2525)

No. 10

Early Paleozoic Magmatism and Collision Orogenic Process of the South Altyn
..... KANG Lei, XIAO Peixi, GAO Xiaofeng, XI Rengang, YANG Zaichao(2550)

Formation Age and Tectonic Setting of the Liwu Group at the Core of Jianglang Dome in the Western Margin of Yangtze Block
..... LI Tongzhu, DAI Yanpei, ZHOU Qin, ZHANG Huihua, FENG Xiaoliang, MA Dong, SHEN Zhanwu(2566)

Origin, Formation and Tectonic Implications of Carbonaceous Material in the Wenchuan Earthquake Fault Zone
..... LIU Jiang, LI Haibing, SI Jialiang, LIU Dongliang, WANG Huan(2581)

Implications of Late Cambrian Granite in Tianshuihai Massif for the Evolution of Proto-Tethy Ocean; Evidences from Zircon
Geochronology and Geochemistry
..... ZHANG Huishan, HE Shiping, JI Wenhua, WANG Chao, SHI Junbo, KANG Kongyue, (2602)
..... ZHANG Jie, ZHU Dawei, TANG Hongwei, LI Chengdong, XI Dehua

Geochemistry of Gongpoquan Group in the Beishan Area, Gansu Province; Constraints on Petrogenesis and Tectonic Setting
..... WANG Guoqiang, LI Xiangmin, XU Xueyi, YU Jiyan, GUO Lei, YAN Qiaojuan, JI Bo, WU Peng(2619)

SHRIMP U-Pb Ages and Hf Isotopic Compositions of Paleoproterozoic Granites from the Eastern Part of Liaoning Province
and Their Tectonic Significance SONG Yunhong, YANG Fengchao, YAN Guolei, WEI Minghui, SHI Shaoshan(2636)

Petrogenesis and Tectonic Setting of the Monzonite Granite in Yitulihe area, Northern Great Xing'an Range
..... WU Taotao, CHEN Cong, LIU Kai, BAO Qingzhong, ZHOU Yongheng, SONG Wanbing(2647)

Detrital Zircon U-Pb Dating of Zhengjiaya Formation from the Shengnongjia Area in the Northern Yangtze Block and Its
Tectonic Implications XU Daliang, LIU Hao, WEI Yunxu, PENG Lianhong, DENG Xin(2660)

U-Pb Age of Detrital Zircon and Its Restriction of Provenance & Paleogeographic Characteristics of Early Nanhua Period in
Middle Yangtze SONG Fang, NIU Zhijun, HE Yaoyan, YANG Wenqiang(2680)

Geochemistry, Zircon U-Pb Geochronology and Hf Isotopic Characteristics for Granites in Sanweishan Area, Dunhuang Block
..... WANG Nan, WU Cailai, MA Changqian, LEI Min, GUO Wenfeng, ZHANG Xin, CHEN Hongjie(2705)

Geochronology and Geochemistry of Late Paleozoic Marine Volcanic from the Zhalantun Area in Northern DaHinggan Mountains

and Its Geological Significance	ZHANG Yujin, ZHANG Chao, WU Xinwei, CUI Tianri, YANG Yajun, CHEN Huijun, JIANG Bin, GUO Wei, MA Yongfei	(2720)
Carbonate Metasomatism was Found in the CCSD-PP3 Ultramafic Rocks in Ganyu County, Sulu Area	CHEN Shizhong, YANG Jingsui, XU Zhiqin, ZHU Xiaoting	(2732)
Comparison Between Mesozoic Volcanic Rock Strata in Northeast of Liaoning: South of Jilin and Yixian Formationg in West of Liaoning	CHEN Jingsheng, LI Bin, YAO Yulai, LIU Miao, YANG Fan, XING Dehe, LI Wei, WANG Yan	(2746)
Mineralogy and Sr-Nd Isotope Characteristics of Baixintan Ni-Cu Deposit in Eastern Tianshan Mountains, Xinjiang, and Mineralization Process	WANG Yalei, ZHANG Zhaowei, ZHANG Jiangwei, YOU Minxin, LI Kan, WANG Bolin	(2758)
Lithogeochemical Characteristics and LA-ICP-MS U-Pb Ages of Lead-Zinc-Silver Deposits in Genhe District, Da Hinggan Mountains	ZHANG Jing, SHAO Jun, ZHOU Yongheng, SHI Shaoshan, LIU Changchun, HE Feng	(2774)
Forming Fluid Characteristics and Tracing of Ore-forming Source Materials of Gold-silver Deposit in the Qingchengzi Ore Concentration Area	YANG Fengchao, SONG Yunhong, ZHANG Peng, CHAI Peng, LI Bin	(2785)
C, O, H, S, Pb and Sr Isotope Constraints on the Metals Sources of Huayuan Pb-Zn Deposits in Western Hunan	ZHOU Yun, DUAN Qifa, CHEN Yuchuan, TANG Juxing, CAO Liang, PENG Sanguo, GAN Jinmu	(2802)
Pb, Sr, Nd Isotopic Compositions of the Diorites from Typical Deposits in Reko Diq Porphyry Cu-Au Ore-Concentrated Area, Pakistan and Their Tracer Significances	LÜ Pengrui, YAO Wenguang, ZHANG Haidi, YU Xiaoliang, YANG Bo, MENG Guanglu, TIAN Haohao	(2817)
Re-Os Isotopic Dating of Molybdenite from Reshui Molybdenum Polymetallic Deposit in the East Kunlun and Its Geological Significance	GUO Xianzheng, JIA Qunzi, ZHENG Youye, LI Jinchao, LI Yazhi, KONG Huilei	(2829)
Genesis of the Qieliekeqi Iron Deposit in Western Kunlun: Evidence from Geological and Geochemical Characteristics	QIAO Gengbiao, WANG Ping, WANG Zhihua, WU Yuezhong, WU Haicai, ZHAO Xiaojian, CHEN Denghui	(2846)
Prospecting Breakthroughs and Prospect of Gold Deposits in Shandong Province	YU Xuefeng, SONG Mingchun, LI Dapeng, TIAN Jingxiang, WANG Laiming	(2862)
Discussion on Some Problems about Baiyinchang Copper-Polymetallic Orefield in North Qilian	ZHAO Guobin, YANG Hequn, REN Huaning, XIE Xie, JIA Jian	(2873)
Study on Multiple Attributes Geochemical Abnormal in Wulonggou Gold Deposit, Qinghai Province	ZHANG Dong, ZHU Lixin, SU Lei, MA Shengming, CHEN Hongqiang, LI Jingyun	(2886)
Geochemical Characteristics of Stream Sediment Survey and Prospecting Prediction of Shixing Area, Northern Guangdong	CHEN Lezhu, XIAO Huiliang, FAN Feipeng, WANG Weixing, CAI Yitao, ZHU Yiping	(2896)
Simple Analysis of Genesis of Mineral Deposit in Influence on Dividing Exploration Types in Pb-Zn Deposit	ZHAO Yahui, TANG Weiguo, FU Qunhe, QIN Yajing	(2907)
Comprehensive Information Prospecting Based on the Weightd Evidence Model	YANG Jiajia, LIN Nan	(2918)
Application of Drilling Instead of Trenching Technology to Caojian Tin Mine in Yunnan	ZHAO Hongbo, HE Yuanxin, SONG Dianlan, WANG Baosheng, GUO Qiang, LU Meng, RAN Lingjie, GUO Kun, ZHU Qiang	(2929)
Characteristics and the Main Controlling Factors of Pore Structure in the Continental Coal-ShaleGas Reservoirs	ZHANG Xiaobo, SI Qinghong, ZUO Zhaoxi, ZHANG Chao, ZHOU Shuai	(2938)
Water Safety Issues of China and Ensuring Roles of Groundwater	WU Aimin, JIN Jihong, SONG Bo	(2947)
Analysis of the Special Distribution of Groundwater Survey Points in the Yangtze River Delta	HUANG Jinyu, JIANG Yuehua, SU Jingwen, ZHANG Taili	(2961)
The Development Tendency of the Scientific Research of the Geological Survey of Brazil, India, China and South Africa	SHI Jing, WANG Xin, XIAO Xiantao, BAI Guangzu, LIU Lan, ZHANG Yin, WANG Huan, LI Yuxin	(2969)

No. 11

The Gneiss Domes in Tibetan Plateau and Their Potential for Prospecting	XU Zhiqin, FU Xiaofang, MA Xuxuan, QI Xuexiang, WU Chan, HOU Liwei, ZHAO Zhongbao	(2981)
The Relationship between the Xianshuihe Fault Zone and Yala Snow Mountain Gneiss Dome in the Songpan-Ganzi Orogenic Belt	WU Chan, XU Zhiqin, A. A. G. WEBB, DONG Hanwen, CAO Hui, CHENG Zhanzhan	(2998)

Exhumation of the Miocene Mid-Lower Crust Material in Northeast Pamir: Structural Deformation and Geochronological Evidence from the West Kongur Detachment	CAI Zhihui, XU Zhiqin, CAO Hui, LIANG Fenghua (3010)
Active Timing and Tectonic Evolution of the Eastern Segment of the Great Counter Thrust in the Northern Margin of the Himalayan Orogen Belt	
DONG Hanwen, XU Zhiqin, ZHOU Xin, BA Dengzhu, LI Huaqi, YI Zhiyu, CHEN Xijie, MA Xuxuan, WU Chan (3022)	
Application of the Kinematic Vorticity in the Xaitongmoin-Quxu Ductile Shear Zone in the Middle Gangdese Magmatic Belt, Southern Tibet	MENG Yuanku, XU Zhiqin, MA Shiwei, LIU Xiaojia (3038)
Timing of Different Crustal Partial Melting in the Himalayan Orogenic Belt and Its Tectonic Implications	
GAO Lie, ZENG Lingsen, WANG Li, HOU Kejun, GAO Jiahao, SHANG Zhen (3059)	
The Early Cretaceous Tectonic Magmatism in the Mogok District, Central Myanmar, and Its Implication for the Evolution of Tethys	CHEN Xijie, XU Zhiqin, MENG Yuanku, CAI Zhihui (3080)
Geochemical Features of the Nyainqentanglha Group in the Western Lhasa Terrane, Western Tibet and Their Tectonic Significance	
WU Yong, MA Xuxuan, ZHANG Zhiping, JIAO Shiwen, DUAN Kai, DONG Han, WANG Xiaowei, MA Tao, LI Pengju, LIANG Zhiyong, CAO Yonggang, KONG Chuipeng, MA Liang (3098)	
The Feature and Tectonic Setting of Chromitite from the Jiesha Ophiolite in the Eastern Yarlung-Zangbo Suture Zone in Tibet	XIONG Fahui, YANG Jingsui, BA Dengzhu, GAO Jian, LAI Shengming, ZHANG Lan (3113)
Study on the Mineral Inclusions in Sartohay Chromitites	TIAN Yazhou, YANG Jingsui (3128)
Magma Origin of Early Jurassic Tonalites in the Eastern Gangdese Magmatic Belt, Southern Tibet and Its Implications for the Crustal Evolution of the Lhasa Terrane	SHUI Xinfang, HE Zhenyu, ZHANG Zeming, LU Tianyu (3152)
Geochronology, Geochemistry and Tectonic Implications of the Shuangjizi Composite Pluton in the Northern Beishan	
ZHENG Rongguo, WU Tairan, XIAO Wenjiao, MENG Qingpeng, ZHANG Wen (3172)	
Geochronology and Geochemistry of Volcanic Rocks from Coqen District of Tibet and Their Implications for Petrogenesis	ZHOU Hua, QIU Jiansheng, YU Sibin, WANG Ruiqiang (3191)
Identification on Age of Xiaodingxi Formation Volcanic Rocks in Central-Southern Lancangjiang Orogeny and Its Tectonic Implication	WEI Cheng, QI Xuexiang, CHANG Yulin, JI Fengbao, ZHANG Shiqi (3214)
Zircon SHRIMP U-Pb Age of the Mantle Peridotite in the Kangjinla Chromite Deposit, Tibet and Its Geological Significance	XU Xiangzhen, YANG Jingsui, XIONG Fahui, BA Dengzhu (3226)
Zircon U-Pb Geochronology and Hf Isotopic Characteristics of the Daocheng Granite and Haizishan Granite in the Yidun Arc, Western Sichuan, and Their Geological Significance	
WANG Nan, WU Cailai, QIN Haipeng, LEI Min, GUO Wenfeng, ZHANG Xin, CHEN Hongjie (3245)	
Deformation and Metamorphism of Triassic Fenzishan Group and Jingshan Group in the Jiaobei Massif: Evidence from Rutile U-Pb Geochronology	LI Guangxu, CAO Hui, WANG Da, XU Cuiping (3258)
Evolution and Late Modification of Mesozoic Marine Qiangtang Basin and Its Hydrocarbon Occurrence	
LIU Chiyang, ZHENG Menglin, YANG Xingke, HE Bizhu, REN Zhanli, GUO Pei (3281)	
Paleogeography of the Northern Margin of Indian Continent Prior to Its Collision: An Investigation of the Late Cretaceous Limestones in South Tibet	
YI Zhiyu, LIANG Yalun, ZHAO Jie, YAN Yonggang, CHEN Liwei, TAN Xiangde (3292)	

No. 12

Introduction to Sedimentary Environments and Large-scale Mineralization of Terrestrial Basins in Giant Sandstone-hosted Uranium Mineralization Zone in Northern China	JIN Ruoshi(I)
Classification and Correlation of Jurassic Uranium-bearing Series in the Junggar Basin	
JIN Ruoshi, CHENG Yinhang, YANG Jun, AO Cong, LI Jianguo, LI Yanfeng, ZHOU Xiaoxi(3309)	
Meso-Cenozoic Orogeny in South Tianshan and the Resultant Superimposed Enrichment Effect on the Sawafuqi Uranium Deposit	LIU Zhangyue, QIN Mingkuan, LIU Hongxun, CAI Gengqing, HE Zhongbo, GUO Qiang, XU Qiang, SONG Jiye (3323)
Geological Characteristics and Genetic Mechanism of the Honghaigou Uranium Deposit in the Southern Margin of Yili Basin	CHEN Fenxiong, NIE Fengjun, ZHANG Chengyong, ZHANG Zhanfeng(3336)
Geochemical Characteristic of the Lower and Middle Jurassic Clastic Rocks in the Southern Margin of the Yili Basin,	

Xinjiang and its Constraints on Provenance	HOU Mingcai, JIANG Wenjian, NI Shijun, HUANG Hu, LUO Wen, SHI Xin, MIU Zongli	(3351)
The Characteristic of Clay Minerals in Sandstone-type Uranium Deposit in the Yili Basin, NW China and Its Relationship With Uranium Mineralization	SONG Hao, NI Shijun, HOU Mingcai, ZHANG Chengjiang, SHI Zhiqiang, WANG Guo, YANG Bin, HU Yuan, CHEN Yuejiao	(3366)
The Organic Matter Characteristics of the Zhiluo Formation and Its Relationship With Uranium Mineralization in the North Ordos Basin	HOU Huiqun, LI Yanrui, LIU Hongjun, HAN Shaoyang, WANG Gui, BAI Yunsheng, WU Di, WU Bolin	(3374)
The Relationship Between Pyrite and Sandstone-hosted Uranium Mineralization of the Zhiluo Formation in the Northern Ordos Basin	CHEN Chao, LIU Hongjun, HOU Huiqun, HAN Shaoyang, KE Dan, BAI Yunsheng, OU Guangxi, LI Yanrui	(3380)
Hydrocarbon Fluid Feature of the Zhiluo Formation Sandstone in the Dongsheng Area, Ordos Basin and its Relationship to Uranium Mineralization	ZHAO Xingqi, LI Xidei, SHI Qingping, LIU Wusheng, ZHANG Zilong, YI Chao, GUO Qiang	(3392)
Geological and Geochemical Characteristics of Uranium Minerals in the Sandstone-type Uranium Deposits in the North of Ordos Basin and Their Genetic Significance	WU Bailin, ZHANG Wanying, SONG Zisheng, CUN Xiaoni, SUN Li, LUO Jingjing, LI Yanqing, CHENG Xianghu, SUN Bin	(3407)
The Organic Geochemical Characteristics of the Zhiluo Formation and Its Relationship with Uranium Mineralization in the Huangling Area, Ordos Basin	ZHANG Zilong, FAN Honghai, CAI Yuqi, ZHAO Xingqi, LIU Hongxu, HE Feng, LI Ping, YANG Mengjia	(3423)
Sequence Stratigraphy Study of Coal-Uranium Bearing Rock Series and Occurrence Regularity Coal and Uranium in the Northeastern Margin of Ordos Basin	ZHANG Yun, SUN Lixin, ZHANG Tianfu, CHENG Yinhang, LI Yanfeng, MA Hailin, LU Chao, YANG Cai, GUO Jiacheng, ZHOU Xiaoguang	(3440)
Provenance Analysis of the Zhiluo Formation in the Sandstone-hosted Uranium deposits of the Northern Ordos Basin and Implications for Uranium Mineralization	ZHANG Long, WU Bailin, LIU Chiyang, LEI Kaiyu, HOU Huiqun, SUN Li, CUN Xiaoni, WANG Jianqiang	(3453)
Geochemical Characteristics of the Jurassic Yan'an and Zhiluo Formations in the Northern Margin of Ordos Basin and TheirPaleoenvironmental Implications	ZHANG Tianfu, SUN Lixin, ZHANG Yun, CHENG Yinhang, LI Yanfeng, MA Hailin, LU Chao, YANG Cai, GUO Genwan	(3472)
Characteristics of Chlorite from the Nalinggou Uranium Deposit in the Ordos Basin and Its Geological Significance	XIA Fei, MENG Hua, NIE Fengjun, YAN Zhaobing, ZHANG Chengyong, LI Mangeng	(3482)
Effect of the Episodic Rifting in the Western Manite Depression in Erlian Basin on Sandstone-type Uranium Mineralization	LU Chao, JIAO Yangquan, PENG Yunbiao, YANG Jianxin, CHEN Fazheng	(3491)
The Tectonic Extensional Event during the Early Cretaceous in the West Margin of Songliao Basin; U-Pb Dating, Geochemistry and Petrogenesis of Rhyolites	CHENG Yinhang, LI Ying, LIU Yongshun, TENG Xuejian, LI Yanfeng, YANG Junquan, AO Cong	(3507)
Relationship between Micro-organisms and Uranium Metallogeny of the Interlayer Oxidation Zone Sandstone-Type Uranium Deposits in NW China	ZHANG Yuyan, LIU Hongxu, XIU Xiaoqian	(3518)
Current Status and Existing Problems of China's Sandstone-type Uranium Deposits	FU Yong, WEI Shuaichao, JIN Ruoshi, LI Jianguo, AO Cong	(3544)
Formation Mechanism of Electro-geochemical Anomalies in Interlayered Oxidation Type Sandstone-hosted Uranium Deposit and Its Prospecting Significance	KE Dan, LIU Hongjun, HOU Huiqun, WU Guodong, HAO Weilin, YI Chao	(3553)
Uranium Migration Kinetics in Acid Solution Containing Ferric Iron	ZHOU Yipeng, JI Hongbin, SUN Zhanxue, LIU Yajie, XU Lingling, SHI Weijun, LIU Jinhui	(3562)
On Adsorption Performance of Humic Acid on Uranium	ZENG Jiangping, AN Shuqing, XU Tiemin, LIU Yibo, ZHANG Lijuan	(3569)
Contents of Vol. 90, Nos. 1~12		(3570)

《地质学报》(中文版)征稿简则

《地质学报》是中国地质学会主办的地质科学学术刊物。《地质学报》反映地质科学各分支学科及边缘学科中最新、最高水平的基础理论研究和基本地质问题研究成果。《地质学报》(中文版)和《地质学报》(英文版)分别独立刊载论文。

一、《地质学报》编辑部与作者约定如下:

1. 作者应保证稿件不一稿两投,并对所投稿件拥有无可争议的著作权。

2. 所有文章均需通过网上办公系统投稿,《地质学报》中文版请投 <http://www.geojournals.cn/dzxb/ch/index.aspx>;《地质学报》英文版: <http://www.geojournals.cn/dzxben/ch/index.aspx>;《地质论评》: <http://www.geojournals.cn/georev/ch/index.aspx>。

网上投稿,请将文、图、表放入同一个 Microsoft Word 文件中(请作者自留原始文件,以备修改,详细投稿办法见网站说明)。投稿被接收与否以编辑部网上收妥回信为准。

3. 不得将投向本编辑部的稿件同时投至其他刊物,否则视为一稿两投。

4. 编辑部承诺一般在 90 日内给出刊用与否的通知。作者在 90 日内,不应将稿件另投他刊。

5. 对决定录用的稿件,作者应根据编辑部提供的修改意见修改后,向编辑部提交论文 Word 文档、清绘好的 CorelDRAW 图件。

6. 稿件文责自负,若做实质性修改,须征得作者同意。

7. 稿件刊出后,将按规定支付稿酬。

二、对投稿内容的要求:

每篇文章需包含下列要素:文章题目(不多于 25 个汉字)、作者、作者单位、内容提要(不少于 400 个汉字)、关键词(5 个左右)、引言(本刊不标“引言”字样,但必须有引言节)、正文、图表、致谢、参考文献、注释、英文摘要(同中文摘要)、作者简介、图版。重要内容说明如下:

1. **正文:**长度不限。一般应有地质背景、研究方法、研究结果、讨论、结论等几部分(尤其对投向英文版的论文,必须包含这些内容)。

投向《地质学报》(英文版)的稿件,行文必须规范、通顺,请附相应的中文稿,以备准确理解原文含意。

2. **图件:**① 凡涉及国界的图件必须绘制在地图出版社公开出版的最新地理底图上。② 图件请用 CorelDraw9.0 或 12.0 版本格式最好(且不是导入的)。若为其他软件编成的图件,请提供 600 dpi 的 TIF 格式的文件。彩色照片(包括图版)请提供 600 dpi 以上的 JPG 格式文件。③ 图件大小:排半栏时:图宽不超过 80mm,最高 245mm;排通栏:图宽不超过 168mm,最高 245mm;整版卧排:图宽不超过 235mm,最高 170mm(以上高度均含中英文图名和说

明)。中文字体请用宋体,英文和数字请用 Time New Roman 字号为 8 号字大小。④ 图件不同区域可用通用地质花纹(或符号)区分,除照片外,一般不用灰度图。若必须用灰度图表示不同区域时,灰阶应尽量少,阶差应尽量地大。⑤ 图件若为彩色照片者,可选择集中制成图版。也可集中在一个页码上,做成彩色插页。⑥ 图名、图例注释都应有相应的英文说明。图名、图例注释都应有相应的英文说明。

3. **参考文献:**本刊采用著者-年制,正文中用圆括号列出第一作者和年代,均用英文名或华人西文名,例:“(Li Siguang,1945)”、“(Huang Jiqing,1978,1984;Huang Jiqing et al.,1983;Смирнов,1986;Smith et al.,1990,1992,1996;Иванов и др.,1999)”、“Song Biao et al.(2002)指出采样方法……”(同时列出多篇文献时,次序按年代先后)。

中文文献均需提供英译,所有英文文献均放在“References”标题之下。英文文献按“第一作者字母序+年代”排列,其后其他文种放在“参考文献标题之下,按中文、日文、西文、俄文、其他文排列。中文文献按“第一作者姓名汉语拼音字母+年代”先后排列。其他文均按各自第一作者姓名字母顺序排列。若是投《地质学报(英文版)》无须考虑上述情况。

文章请列出全部作者。但专著可按原书封面样式给出,其中的论文写“见:XXX 主编.”项时,指明主编一人即可(“见:XXX 等主编.”)。每一条文献的列出格式请参照我刊 2001 年以来的文章。书籍的引用,分两种情况:a、书籍本身有相应英文名的,引用按正常要求;b、书籍本身没有相应英文名的,尽量不引用此文献,若必须引用,则仅在中文参考文献中列出,正文中的出现用中文引用。

4. **注释:**引用非公开出版物时可用脚注标出,也可在文后单列注释一栏,格式与参考文献相同。参考文献及注释详细格式可见《地质学报》修改注意事项。

5. **英文摘要:**在《地质学报》中文版和《地质论评》上发表的论文必须提交英文摘要,包括题名、作者、作者单位、内容提要和关键词。作者和作者单位均应为全名,内容提要要与相应中文提要一致,最好更为详细。

6. **作者简介:**主要介绍作者的学术经历,自 1998 年起增加了电话、电子信箱、传真等,便于读者与作者直接联系。

7. **图版:**本刊图版集中用铜版纸印刷,图版尺寸为 170mm×240mm(包括一行图版说明:XXX 等:文章题目图版 I),图版的分幅照片应用阿拉伯数码编号。每一图幅的说明集中列于论文的参考文献之后,英文摘要之前;也可直接放在图版的底部。