

《矿床地质》2007年总目次

第26卷 第1期

东天山图拉尔根、白石泉铜镍钴矿床钴、镍赋存状态及原岩含矿性研究 秦克章,丁奎首,许英霞,孙赫,徐兴旺,唐冬梅,毛 骞 1

新疆阿尔泰山南缘托库孜巴依金矿成矿演化:石英脉系、同位素地球化学及其 Ar-Ar 年代学证据 李光明,沈远超,刘铁兵,申萍,周能武 15

新疆额尔齐斯金矿带构造控矿规律研究 沈远超,申萍,李光明,曾庆栋,刘铁兵 33

新疆东天山白石泉 Cu-Ni 硫化物矿床杂岩体的地球化学特征及其对矿床成因和构造背景的制约 李金祥,秦克章,徐兴旺,孙赫,程松林,吴华,莫新华 43

东疆红山 Cu-Au 矿床氧化带中铜叶绿矾和高铁叶绿矾的首次发现及其矿物学特征 许英霞,秦克章,丁奎首,缪宇,方同辉,徐兴旺,孙赫 58

EH4 连续电导率成像仪在隐伏矿体定位预测中的应用研究 申萍,沈远超,刘铁兵,李光明,秦克章,曾庆栋 70

东疆卡拉塔格梅岭铜(金)矿床地质和流体包裹体特征及其与紫金山式铜金矿床的对比 缪宇,秦克章,许英霞,方同辉,丁奎首,徐兴旺 79

东疆中天山北缘大水锰矿带锰矿成因类型及找矿方向探讨 肖庆华,惠卫东,秦克章 89

东天山镁铁质-超镁铁质岩带岩石特征及铜镍成矿作用 孙赫,秦克章,徐兴旺,李金祥,丁奎首,许英霞,三金柱 98

东天山主要铜镍矿床中磁黄铁矿的矿物标型特征及其成矿意义 丁奎首,秦克章,许英霞,孙赫,徐兴旺,唐冬梅,毛骞,马玉光 109

大地电磁测深法在铜镍矿勘查中的应用——以与超基性岩有关的新疆图拉尔根铜镍矿为例 梁光河,徐兴旺,肖骑斌,蔡新平,秦克章,张宝林,三金柱,惠卫东,彭晓明 120

阿尔泰山南缘麦兹泥盆纪火山-沉积盆地成矿特点及其铅锌、铁、金找矿潜力分析 郭正林,郭旭吉,王书来,秦克章 128

《矿床地质》稿约 封三

第26卷 第2期

华南地区中生代以来岩石圈伸展及其与铀成矿关系研究的若干问题 胡瑞忠,毕献武,彭建堂,刘 燊,钟宏,赵军红,蒋国豪 139

西藏冈底斯银多金属矿化带的基本特征与成矿远景分析 孟祥金,侯增谦,叶培盛,杨竹森,李振清,高永丰 153

西藏搭格架热泉型铀矿床地球化学 赵元艺,聂凤军,侯增谦,李振清,赵希涛,马志邦 163

河南冷水北沟铅锌矿地质地球化学特征及成因探讨 王长明,张寿庭,邓军,孙艳霞,燕长海,叶会寿 175

黑龙江金厂金矿流体地球化学特征 王永,席斌斌,张德会,张文淮 184

太平洋海山磷酸盐的产状、特征及成因意义 潘家华,刘淑琴,罗照华,游国庆 195

安徽铜陵冬瓜山铜矿床成矿流体特征及演化 邱士东,谢玉玲,徐九华,王葆华,杨竹森,蒙义峰 204

内蒙古白音查干银多金属矿化区地质特征及找矿方向 聂凤军,温维银,赵元艺,姜美义,江思宏,张万益 213

斑岩铜矿若干问题的最新研究进展 姚春亮,陆建军,郭维民,袁林,李伟 221

区域资源定量评价中面金属量法的应用 丁建华,肖克炎,刘锐,薛顺荣,程 勳 230

第26卷 第3期

湖南芙蓉锡矿床⁴⁰Ar/³⁹Ar 同位素年龄及地质意义 彭建堂,胡瑞忠,毕献武,戴 檀,李兆丽,李晓敏,双燕,袁顺达,刘世荣 237

滇西北衙金矿床类型与结构模型	徐兴旺, 蔡新平, 张宝林, 梁光河, 杜世俊, 王杰	249
广西新路—水岩坝钨锡矿田的成因探讨	顾晟彦, 华仁民, 戚华文	265
滇西北中甸普朗斑岩铜矿床地球化学与成矿机理初探	王守旭, 张兴春, 冷成彪, 秦朝建	277
河南商城县汤家坪钼矿辉钼矿铼-钨同位素年龄及地质意义	杨泽强	289
厚结壳的形成条件及控制因素分析	矫东风, 金翔龙, 初凤友, 胡光道, 王艳霞	296
新疆哈密图拉尔根全岩矿化岩浆铜-镍-钴矿床地质特征及找矿方向	三金柱, 惠卫东, 秦克章, 孙赫, 徐兴旺, 梁光河, 魏俊瑛, 康峰, 肖庆华	307
西藏吉如斑岩铜矿床的发现过程及意义	郑有业, 多吉, 张刚阳, 高顺宝, 樊子琿	317
罗布泊盐湖巨量钙芒硝沉积及其成钾效应分析	刘成林, 焦鹏程, 王弼力, 陈永志	322
湘西北铅锌矿床碳氢氧同位素特征及成矿环境分析	杨绍祥, 劳可通	330
典型构造蚀变岩型金矿远景资源量数学模型与预测	王庆飞, 万丽, 刘学飞	341
冈底斯中段南缘成矿远景预测及找矿方向	王少怀, 裴荣富	346

第 26 卷 第 4 期

新疆西天山菁布拉克基性杂岩体闪长岩锆石 SHRIMP 定年及其地质意义	张作衡, 王志良, 王彦斌, 左国朝, 王龙生, 吕林素	353
新疆西南天山金矿床主要类型、特征及成矿作用	杨富全, 毛景文, 王义天, 赵财胜, 张岩, 刘亚玲	361
贵州锦丰(烂泥沟)超大型金矿床构造解析及构造成矿作用	陈懋弘, 毛景文, Phillip J. Uttley, Tony Norman, 吴六灵, 郑建民, 秦运忠	380
新元古代岩浆 Ni-Cu(PGE)硫化物矿床地质特征、形成时代及其地球动力学背景	吕林素, 毛景文, 刘珺, 陈刚, 张作衡, 谢桂青, 王瑞廷	397
小秦岭金(钼)矿床辉钼矿铼-钨定年及其地质意义	李厚民, 叶会寿, 毛景文, 王登红, 陈毓川, 屈文俊, 杜安道	417
湖南黄沙坪铅锌多金属矿床的 Re-Os 同位素等时线年龄及其地质意义	马丽艳, 路远发, 屈文俊, 付建明	425
赣南中生代淘锡坑钨矿区花岗岩锆石 SHRIMP 年龄及石英脉 Rb-Sr 年龄测定	郭春丽, 王登红, 陈毓川, 王彦斌, 陈郑辉, 刘善宝	432
辽西兰家沟钼矿床成矿流体特征及成因探讨	代军治, 毛景文, 谢桂青, 杨富全, 赵财胜	443
新疆蒙库铁矿床矽卡岩矿物学特征及其意义	徐林刚, 毛景文, 杨富全, 叶会寿, 郑建民, 李建国, 蔡永彪, 查小玲, 高建京	455
浅析安徽省新桥 S-Fe 矿田的成因	臧文拴, 吴淦国, 张达, 张祥信, 李进文, 刘爱华, 张忠义	464
钼矿床研究现状及其展望	李晓峰, Watanabe Yasushi, 毛景文	475
岩体侵位机制对矽卡岩型矿床的制约——以邯邢地区矽卡岩铁矿为例	郑建民, 谢桂青, 陈懋弘, 王三民, 班长勇, 杜金利	481
国际矿床或因协会(IAGOD)中国国家委员会首批会员名单	封三	

第 26 卷 第 5 期

区域构造体制对湘东南印支期与燕山早期花岗岩成矿能力的重要意义——以千里山岩体和王仙岭岩体为例	柏道远, 贾宝华, 李金冬, 王先辉, 马铁球, 张晓阳, 陈必河	487
湘东锡田垄上锡多金属矿床流体包裹体研究	杨晓君, 伍式崇, 付建明, 黄惠兰, 常海亮, 刘云华, 魏君奇, 刘国庆, 马丽艳	501
三个锆石 U-Pb SHRIMP 年龄对雄村特大型铜金矿床容矿火成岩时代的重新厘定	曲晓明, 辛洪波, 徐文艺	512

青海滩间山金矿的复合金成矿作用——来自流体包裹体方面的证据	张德全, 张慧, 丰成友, 余宏全, 李进文, 李大新	519
广西钦州-防城地区次生氧化锰矿床矿物学和地球化学研究及矿床成因意义	郎银生, 李建威, 邓晓东, 张伟, 颜代蓉, 陈蕾	527
云南澜沧老厂矿区影像线-环结构矿床定位模式研究	王瑞雪, 史茂, 苏杰	541
与峨眉地幔柱有关年代学研究的新进展及其意义	王登红, 李建康, 王成辉, 屈文俊, 付小方, 傅德明	550
川西北雪宝顶钨锡铍矿床的成矿年代及其构造示踪意义	李建康, 刘善宝, 王登红, 付小方	557
辽东青城子地区喷流-沉积成矿作用与金银多金属矿化的关系	刘志远, 徐学纯, 田豫才, 杨德江, 蒋永臻, 田树海, 魏民	563
辉钼矿亚晶粒范围内 Re 和 ^{187}Os 的失耦现象	杜安道, 屈文俊, 王登红, 李厚民, 丰成友, 刘华, 任静, 曾法刚	572
一个值得注意的 REE 矿化类型	袁忠信, 李建康, 应立娟	581
内蒙古阿巴嘎旗莫若格钦铜多金属矿找矿勘查获得重要进展		封三

第 26 卷 第 6 期

扬子地块西南缘大面积低温成矿时代	胡瑞忠, 彭建堂, 马东升, 苏文超, 施春华, 毕献武, 涂光炽	583
安徽和县香泉独立铌矿床的地质地球化学特征及成因探讨	范裕, 周涛发, 袁峰, 张千明, 吴明安, 侯明金, 胡清华	597
内蒙古小东沟斑岩钼矿床地质特征及成因探讨	聂凤军, 张万益, 江思宏, 刘妍	609
新疆哈图金矿蚀变岩型矿体地质和地球化学研究	安芳, 朱永峰	621
河北丰宁县大草坪钼矿区岩体锆石 U-Pb 年龄研究	段焕春, 秦正永, 林晓辉, 张宝华, 刘学武, 张晓, 郭鹏志, 韩芳, 秦磊, 代军治	634
试论贵州水银洞金矿床中胶状黄铁矿的含金性	陈景河, 葛广福, 王军荣	643
基于 GIS 的云南普朗斑岩铜矿床三维成矿预测	王功文, 郭远生, 杜杨松, 范玉华, 郭欣, 庞振山, 陈建平	651
沂沭断裂带中段两种类型金矿流体包裹体特征及其地质意义	李洪奎, 杨峰杰, 杨永波, 李英平	659
中低温成矿过程的锰镁碳酸盐矿物化学动力学与矿物成因	张雪彤	666
《矿床地质》2007 年总目次		676
《矿床地质》稿约		封三

Comprehensive Table of Contents of Mineral Deposits in 2007

Vol. 26 No. 1

- Ore potential of protoliths and modes of Co-Ni occurrence in Tulargen and Baishiquan Cu-Ni-Co deposits, East Tianshan, Xinjiang
 QIN KeZhang, DING KuiShou, XU YingXia, SUN He, XU XingWang, TANG DongMei and MAO Qian 1
- Metallogenic evolution of Tuokuzibayi gold deposit in southern Altay, north Xinjiang: Evidence from characteristics of quartz vein systems, isotopic geochemistry and Ar-Ar chronology
 LI GuangMing, SHEN YuanChao, LIU TieBing, SHEN Ping and ZHOU NengWu 15
- Structural ore-control regularities of Ertix gold belt in north Xinjiang
 SHEN YuanChao, SHEN Ping, LI GuangMing, ZENG QingDong and LIU TieBing 33
- Geochemistry of Baishiquan Cu-Ni-bearing mafic-ultramafic complex in East Tianshan, Xinjiang: Constraints on ore genesis and tectonic setting ... LI JinXiang, QIN KeZhang, XU XingWang, SUN He, CHENG SongLin, WU Hua and MO XinHua 43
- Cuprocopiapite and ferricopiapite found for first time in oxidized zone of Hongshan HS-epithermal Cu-Au deposit, East Tianshan, and their mineralogical characteristics
 XU YingXia, QIN KeZhang, DING KuiShou, MIAO Yu, FANG TongHui, XU XingWang and SUN He 58
- Application of stratagem EH4 system to prediction of hidden ore bodies
 SHEN Ping, SHEN YuanChao, LIU TieBing, LI GuangMing, QIN KeZhang and ZENG QingDong 70
- Geological and fluid inclusion characteristics of Meiling Cu-Au deposit in Kalatage ore belt, eastern Xinjiang, in comparison with typical Zijinshan-style HS-epithermal deposit
 MIAO Yu, QIN KeZhang, XU YingXia, FANG TongHui, DING KuiShou and XU XingWang 79
- Genetic types and exploration direction of manganese deposits in Dashui Mn ore belt on northern margin of Central Tianshan, eastern Xinjiang XIAO QingHua, HUI WeiDong and QIN KeZhang 89
- Petrological characteristics and copper-nickel ore-forming processes of Early Permian mafic-ultramafic intrusion belts in East Tianshan SUN He, QIN KeZhang, XU XingWang, LI JinXiang, DING KuiShou, XU YingXia and SAN JinZhu 98
- Typomorphic characteristics and ore-forming significance of pyrrhotite in major Cu-Ni deposits, East Tianshan, Xinjiang
 DING KuiShou, QIN KeZhang, XU YingXia, SUN He, XU XingWang, TANG DongMei, MAO Qian and MA YuGuang 109
- Application of magnetotelluric method to Cu-Ni ore exploration: A case study of Tulargen Cu-Ni deposit in Xinjiang
 LIANG GuangHe, XU XingWang, XIAO QiBin, CAI XinPing, QIN KeZhang, ZHANG BaoLin, SAN JinZhu, HUI WeiDong and PENG XiaoMing 120
- Characteristics and Pb-Zn, Fe and Au exploration potentials of Maize Devonian volcano-sedimentary basin on southern margin of Altay
 GUO ZhengLin, GUO XuJi, WANG ShuLai and QIN KeZhang 128

Vol. 26 No. 2

- Some problems concerning relationship between Mesozoic-Cenozoic lithospheric extension and uranium metallogenesis in South China
 HU RuiZhong, BI XianWu, PENG JianTang, LIU Shen, ZHONG Hong, ZHAO JunHong and JIANG GuoHao 139
- Characteristics and ore potentiality of Gangdese silver-polymetallic mineralization belt in Tibet
 MENG XiangJin, HOU ZengQian, YE PeiSheng, YANG ZhuSen, LI ZhenQing and GAO YongFeng 153
- Geochemistry of Targejia hot spring type cesium deposit in Tibet
 ZHAO YuanYi, NIE FengJun, HOU ZengQian, LI ZhenQing, ZHAO XiTao and MA ZhiBang 163
- Geological-geochemical features and genesis of Lengshuibigou Pb-Zn deposit in Henan
 WANG ChangMing, ZHANG ShouTing, DENG Jun, SUN YanXia, YAN ChangHai and YE HuiShou 175

- Geochemical characteristics of fluid inclusions at Jinchang gold deposit , Heilongjiang province
 WANG Yong , XI BinBin , ZHANG DeHui and ZHANG WenHuai 184
- Modes of occurrence and characteristics of phosphorates on Pacific Guyots and their genetic significance
 PAN JiaHua , LIU ShuQin , LUO ZhaoHua and YOU GuoQing 195
- Characteristics and evolution of ore-forming fluids associated with Yanshanian magmatic activity in Dongguashan copper deposit , Anhui Province , China
 QIU ShiDong , XIE YuLing , XU JiuHua , WANG BaoHua , YANG ZhuSen and MENG YiFeng 204
- Geological features and prospecting directions of Bayanchagan silver polymetallic mineralized area in Xi Ujmqin Banner , central-eastern Inner Mongolia
 NIE FengJun , WEN YinWei , ZHAO YuanYi , JIANG XianYi , JIANG SiHong and ZHANG WanYi 213
- The latest advances in researches on porphyry copper deposits
 YAO ChunLiang , LU JianJun , GUO WeiMin , YUAN Lin and Li Wei 221
- Application of areal productivity to quantification of regional resources : A case study of East Tianshan Mountains
 DING JianHua , XIAO KeYan , LIU Rui , XUE ShunRong and CHENG Xu 230
- Vol. 26 No. 3**
- ⁴⁰Ar / ³⁹Ar isotopic dating of tin mineralization in Furong deposit of Hunan Province and its geological significance
 PENG JianTang , HU RuiZhong , BI XianWu , DAI TongMo , LI ZhaoLi , LI XiaoMin , SHUANG Yan , YUAN ShunDa and LIU ShiRong 237
- Genetic types and framework model of Beiya gold ore district in western Yunnan
 XU XingWang , CAI XinPing , ZHANG BaoLin , LIANG GuangHe , DU ShiJun and WANG Jie 249
- A genetic study of Xinlu-Shuiyanba W-Sn orefield , northeast Guangxi GU ShengYan , HUA RenMin and QI HuaWen 265
- A tentative study of ore geochemistry and ore-forming mechanism of Pulang porphyry copper deposit in Zhongdian , northwestern Yunnan
 WANG ShouXu , ZHANG XingChun , LENG ChengBiao and QIN ChaoJian 277
- Re-Os isotopic ages of Tangjiaping molybdenum deposit in Shangcheng County , Henan and their geological significance
 YANG ZeQiang 289
- Formation conditions and control factors of thick Co-rich ferromanganese crusts
 JIAO DongFeng , JIN XiangLong , CHU FengYou , HU GuangDao and WANG YanXia 296
- Geological characteristics of Tulargen magmatic Cu-Ni-Co deposit in eastern Xinjiang and its exploration direction
 SAN JinZhu , HUI WeiDong , QIN KeZhang , SUN He , XU XingWang , LIANG GuangHe , WEI JunYing , KANG Feng and XIAO QingHua 307
- Discovery of Jiru porphyry copper deposit in Tibet and its significance
 ZHENG YouYe , DUO Ji , ZHANG GangYang , GAO ShunBao and FAN ZiHui 317
- Sedimentation of glauberite and its effect on potash deposits formation in Lop Nur salt lake , Xinjiang China
 LIU ChengLin , JIAO PengCheng , WANG MiLi and CHEN YongZhi 322
- A tentative discussion on genesis of lead-zinc deposits in northwest Hunan YANG ShaoXiang and LAO KeTong 330
- Mathematical modeling and estimation of reserves of typical structural altered rock type gold deposit
 WANG QingFei , WAN Li and LIU XueFei 341
- Ore resource prognosis and ore-prospecting targets in southern central Gangdise Range
 WANG ShaoHuai and PEI RongFu 346

nificance	353
..... ZHANG ZuoHeng , WANG ZhiLiang , WANG YanBin , ZUO GuoChao , WANG LongSheng and Lü LinSu	
Major types , characteristics and metallogenesis of gold deposits in southwest Tianshan Mountains , Xinjiang	
..... YANG FuQuan , MAO JingWen , WANG YiTian , ZHAO CaiSheng , ZHANG Yan and LIU YaLing	361
Structure analysis and structural metallogenesis of Jinfeng(Lannigou) gold deposit in Guizhou Province	
..... CHEN MaoHong , MAO JingWen , Phillip J. Uttley , Tony Norman , WU LiuLing , ZHENG JianMin and QIN YunZhong	380
Geological characteristics , geochronology and tectonic settings of Neoproterozoic magmatic Ni-Cu(PGE) sulfide deposits in China	
..... LÜ LinSu , MAO JingWen , LIU Jun , CHEN Gang , ZHANG ZuoHeng , XIE GuiQing and WANG RuiTing	397
Re-Os dating of molybdenites from Au(-Mo) deposits in Xiaoqinling gold ore district and its geological significance	
..... LI HouMin , YE HuiShou , MAO JinWen , WANG DengHong , CHEN YuChuan , QU WenJun and DU AnDao	417
Re-Os isotopic chronology of molybdenites in Huangshaping lead-zinc deposit , southeast Hunan , and its geological implications ...	
..... MA LiYan , LU YuanFa , QU WenJun and FU JianMing	425
Precise zircon SHRIMP U-Pb and quartz vein Rb-Sr dating of Mesozoic Taoxikeng tungsten polymetallic deposit in southern Jiangxi	
..... GUO ChunLi , WANG DengHong , CHEN YuChuan , WANG YanBin , CHEN ZhengHui and LIU ShanBao	432
Ore-forming fluid characteristics and genesis of Lanjiagou molybdenum deposit in western Liaoning Province	
..... DAI JunZhi , MAO JingWen , XIE GuiQing , YANG FuQuan and ZHAO CaiSheng	443
Skarn mineral characteristics of Mengku iron deposit in Xinjiang and their geological significance	
..... XU LinGang , MAO JingWen ,	
..... YANG FuQuan , YE HuiShou , ZHENG JianMin , LI JianGuo , CAI YongBiao , ZHA XiaoLing and GAO JianJing	455
A preliminary discussion on genesis of Xinqiao S-Fe orefield	
..... ZANG WenShuan , WU GanGuo , ZHANG Da , ZHANG XiangXin , LI JinWen , LIU AiHua and ZHANG ZhongYi	464
Research situation and economic value of indium deposits	
..... LI XiaoFeng , WATANABE Yasushi and MAO JingWen	475
Pluton emplacement mechanism constraint on skarn deposit : A case study of skarn Fe deposits in Handan-Xingtai area	
..... ZHENG JianMin , XIE GuiQing , CHEN MaoHong , BAN ChangYong and DU JinLi	481
Vol. 26 No. 5	
Important significance of regional tectonic regime to metallogenic capacity of Indosinian and Early Yanshanian granites in southeastern Hunan : A case study of Qianlishan and Wangxianling plutons	
..... BAI DaoYuan , JIA BaoHua , LI JinDong , WANG XianHui , MA TieQiu , ZHANG XiaoYang and CHEN BiHe	487
Fluid inclusion studies of Longshang tin-polymetallic deposit in Xitian ore field , eastern Hunan Province	
..... YANG XiaoJun , WU ShiChong ,	
..... FU JianMing , HUANG HuiLan , CHANG HaiLiang , LIU YunHua , WEI JunQi , LIU GuoQing and MA LiYan	501
Collation of age of ore-hosting volcanics in Xiongcu superlarge Cu-Au deposit on basis of three zircon U-Pb SHRIMP ages	
..... QU XiaoMing , XIN HongBo and XU WenYi	512
Multiple gold mineralization in Tanjianshan gold deposit : Evidence from fluid inclusions	
..... ZHANG DeQuan , ZHANG Hui , FENG ChengYou , SHE HongQuan , LI JinWen and LI DaXin	519
Mineralogy and geochemistry of supergene manganese ore deposits in Qinzhou-Fangcheng area , southern Guangxi , with implications for ore genesis	
..... LANG YinSheng , LI JianWei , DENG XiaoDong , ZHANG Wei , YAN DaiRong and CHEN Lei	527
A linear-ring structure model for ore deposit location in Laochang ore district of Lancang County , Yunnan Province	
..... WANG RuiXue , SHI Mao and SU Jie	541
New advances in geochronologic study related to Emei mantle plume and their significance	
..... WANG DengHong , LI JianKang , WANG ChengHui , QU WenJun , FU XiaoFang and FU DeMing	550

- Metallogenic epoch of Xubaoding W-Sn-Be deposit in northwest Sichuan and its tectonic tracing significance
 *LI JianKang , Liu BaoShan , WANG DengHong and FU XiaoFang* 557
- Relationship between sedimentation-exhalation ore-forming process and gold-silver polymetallic mineralization in Qingchengzi area ,
 Liaoning Province
LIU ZhiYuan , XU XueChun , TIAN YuCai , YANG DeJiang , JIANG YongZhen , TIAN ShuHai and WEI Min 563
- Subgrain-size decoupling of Re and ¹⁸⁷Os within molybdenite
DU AnDao , QU WenJun , WANG DengHong , LI HouMin , FENG ChengYou , LIU Hua , REN Jing and ZENG FaGang 572

Vol. 26 No. 6

- Epoch of large-scale low-temperature mineralizations in southwestern Yangtze massif
 ... *HU RuiZhong , PENG JianTang , MA DongSheng , SU WenChao , SHI ChunHua , BI XianWu and TU GuangChi* 583
- Geological-geochemical features and genesis of Xiangquan independent thallium deposit in Hexian County , Anhui Province
 *FAN Yu , ZHOU TaoFa , YUAN Feng , ZHANG QianMing , WU MingAn , HOU MingJin and HU QingHua* 597
- Geological features and origin of the Xiaodonggou porphyry molybdenum deposit in Hexigten Banner , Inner Mongolia
 *NIE FengJun , ZHANG WanYi , JIANG SiHong and LIU Yan* 609
- Studies on geology and geochemistry of alteration-type ore in Hatu gold deposit (western Junggar) , Xinjiang , NW China
 *AN Fang and ZHU YongFeng* 621
- Zircon U-Pb ages of intrusive bodies in Dacaoqing molybdenum ore district , Fengning County , Hebei Province
 *DUAN HuanChun , QIN ZhengYong ,
 LIN XiaoHui , ZHANG BaoHua , LIU XueWu , ZHANG Xiao , GUO PengZhi , HAN Fang , QIN Lei and DAI JunZhi* 634
- A tentative discussion on gold potential of pyrogeolite in Shuiyindong gold deposit , Guizhou Province
 *CHEN JingHe , GE GuangFu and WANG JunRong* 643
- Three-dimensional metallogenic prediction of Pulang porphyry copper deposit in Yunnan Province by using GIS technology
WANG GongWen , GUO YuanSheng , DU YangSong , FAN YuHua , GUO Xin , PANG ZhenShan and CHEN JianPing 651
- Characteristics of fluid inclusions from two types of gold deposits in central part of Yi-Shu fault belt and their geological significance
 *LI HongKui , YANG FengJie , YANG YongBo and LI YingPing* 659
- Chemical kinetics of manganese and magnesium carbonate minerals during formation of epithermal-mesothermal ore deposits and their
 geneses *ZHANG XueTong* 666