

《矿床地质》2004年总目次

第23卷 第1期

云南白秋坪银铜多金属矿集区碳氧同位素组成及其意义	刘家军 何明勤 李志明 刘玉平 李朝阳 张乾 杨伟光 杨爱平	1
甘肃北山红尖兵山钨矿床地质特征及成矿物质来源	聂凤军 江思宏 胡朋 张义	11
西南天山成矿规律及其与境外对比研究	杨建国 闫晔轶 徐学义 马中平 赵仁夫 姚文光	20
牡丹江穆棱沸石矿床矿化分带特征与规律	张寿庭 赵鹏大 徐旗章 杨耕东	31
湘东北燕山期陆内碰撞造山带金多金属成矿地球化学	贺转利 许德如 陈广浩 夏斌 李鹏春 符巩固	39
内蒙古孟恩陶勒盖银铅锌铜矿床成因研究	朱笑青 张乾 何玉良 邵树勋	52
豫西公峪金矿床地质地球化学特征及成因探讨	李永峰 毛景文 郭保健 胡华斌 白凤军	61
胶东大庄子金矿床地质特征与成因探讨	连国建 胡文瑄 张文兰 宋玉财 王昭坤	易富章
P点铅及其应用意义	韩发 侯增谦 孟祥金	77
新疆昆仑式火山岩型块状硫化物铜矿床及成矿地质环境	孙海田 李纯杰 李锦平 吴海	82
中国钴资源及其开发利用概况	丰成友 张德全 党兴彦	93
新疆哈尔里克双峰山浅成低温热液金矿床的地质特征与成矿模式	彭晓明 莫江平 郑今敖 席小平 三金柱	101
大兴安岭东南部太平山地区断裂控矿作用及控矿应力场	方曙 王永祥 李立新	107
鲁西中生代幔枝构造及其金矿化	胡华斌 牛树根 毛景文 张忠义 王银宏	115
人工神经网络方法及其在遥感地质找矿中的应用——以滇西红山子区为例	王海平 张彤	123

第23卷 第2期

祝贺裴荣富院士从事地质工作60周年(代前言)	.....	129
金属成矿省等级体制成矿	裴荣富 李进文 梅燕雄	131
深部找矿研究问题	翟裕生 邓军 王建平 彭润民 刘家军	杨立强
重新认识中国斑岩铜矿的成矿地质条件	张洪涛 陈仁义 韩芳林	150
湖南芙蓉锡矿床锡矿石和有关花岗岩的 ⁴⁰ Ar- ³⁹ Ar年龄及其地球动力学意义	毛景文 李晓峰 Bernd Lehmann 陈文 蓝晓明 魏绍六	164
中蒙边境及邻区斑岩型铜矿床地质特征及成因	聂凤军 江思宏 张义 刘妍 胡朋	176
中国中生代矿床成矿系列类型及其演化	梅燕雄 裴荣富 李进文 傅旭杰	190
猫岭金矿床成矿构造演化特征	邱小平	198
铜陵矿集区矿田构造垂直分带	李进文 裴荣富 梅燕雄	206
铜陵矿集区铜金矿床叠加改造过程中的排金效应	.....	.....
曾普胜 裴荣富 蒙义峰 侯增谦 杨竹森 徐文艺 谢玉玲 徐九华 梅燕雄	216	
广西大厂锡多金属矿床氦、氩同位素特征及其地质意义	蔡明海 毛景文 梁婷 吴付新	225
滇黔交界地区玄武岩铜矿同位素地球化学特征	李厚民 毛景文 张长青 许虹 陈毓川 王登红	232
双王角砾岩型金矿床地质地球化学及成矿机制	张作衡 毛景文 李晓峰	241
云南省墨江金矿床成矿时代探讨	谢桂青 胡瑞忠 毛景文 方维萱 李瑞玲	253
“第八届国际矿床地质会议”将在北京召开	.....	封三

第23卷 第3期

铜陵矿集区蚀变流体填图与成矿流体系统	.....	.....
蒙义峰 侯增谦 杨竹森 曾普胜 徐文艺 田世洪 李红阳 王训成 姜章平 姚孝德	261	
铜陵矿集区成矿流体系统时限的初步厘定	蒙义峰 杨竹森 曾普胜 徐文艺 王训成	271
安徽铜陵矿集区海西期喷流沉积流体系统时空结构	.....	.....
杨竹森 侯增谦 蒙义峰 曾普胜 李红阳 徐文艺 田世洪 王训诚 姚孝德 姜章平	281	
安徽铜陵矿集区燕山期岩浆流体系统时空结构及成矿	.....	.....
曾普胜 杨竹森 蒙义峰 裴荣富 王彦斌 王训诚 徐文艺 田世洪 姚孝德	298	
碰撞造山过程中流体向陆盆地大规模迁移汇聚:来自长江中下游三叠纪膏盐建造和区域蚀变的证据	.....	.....
侯增谦 杨竹森 李荫清 曾普胜 蒙义峰 徐文艺 田世洪	310	
铜陵矿集区块状硫化物矿床地质特征	李红阳 杨竹森 蒙义峰 曾普胜 徐文艺	327
安徽铜陵矿集区与块状硫化物矿床有关的热水沉积岩	曾普胜 蒙义峰 杨竹森 裴荣富	王训诚
安徽铜陵矿集区海底喷流沉积体系的流体包裹体微量元素对比	徐九华 谢玉玲 杨竹森 蒙义峰	曾普胜
安徽铜陵矿集区块状硫化物矿床成因模型与成矿流体力学迁移	徐文艺 杨竹森 蒙义峰 曾普胜	史大年 田世洪 李红阳
安徽铜陵朝山金矿床稳定同位素、稀土元素地球化学研究	田世洪 丁悌平 杨竹森 蒙义峰 曾普胜	王彦斌 王训诚 姜章平
铜官山铜矿床矽卡岩矿物中流体包裹体及子矿物的扫描电镜研究	谢玉玲 徐九华 杨竹森 蒙义峰	徐文艺 邱士东 王葆华
		365 375

铜陵矿集区地壳浅表结构的地震层析研究	史大年	吕庆田	徐明才	赵金花	383		
铜陵狮子山金属矿地震反射结果及对区域找矿的意义	吕庆田	侯增谦	史大年	赵金花	徐明才	柴铭涛	390
铜陵矿集区燕山期地壳浅部成矿流体活动的构造控矿		邓 军	王庆飞	黄定华	高帮飞	399	
铜陵矿集区浅层隐伏岩体预测及其形态分析		王庆飞	邓 军	黄定华	张 强	405	

第 23 卷 第 4 期

新疆阿尔泰 3 号伟晶岩脉中的铯沸石:内部成分不均一性与岩浆-热液作用	胡 欢	王汝成	张爱铖	徐士进	411				
铜陵地区老鸦岭层状钼矿床铅同位素组成研究	喻 钢	陈江峰	钱 卉	陈树榆	杨 刚	闫 峻	张成火	422	
从赋矿岩系岩石类型的多样性论羊拉铜矿的成因					曲晓明	杨岳清	李佑国	431	
新疆十红滩层间氧化带型砂岩铀矿同位素地球化学研究	朱西养	彭新建	汪云亮	张成江	王志畅	王金平	刘建华	443	
云南兰坪北部铜多金属矿化区成矿流体流动与矿化分带——矿石铅同位素和特征元素组成依据					徐启东	周 炼	452		
阿尔金山早古生代岩浆活动与金成矿作用									
..... 杨 岜 陈宣华 George Gehrels 王小凤 秦 红 陈正乐 杨 凤 陈柏林 李学智	464								
南秦岭十里坪锑矿床成矿时代及成因的初步研究	谢才富	熊成云	胡 宁	李六权	常海亮	李劲松	管魁敏	473	
黔西新华大型磷矿磷块岩稀土元素地球化学及其成因意义					王 敏	孙晓明	马名扬	484	
川西北马脑壳微细浸染型金矿床地质特征及矿床成因					王可勇	姚书振	杨言辰	代军治	494
吉林六批叶沟金矿床绢云母 ⁴⁰ Ar- ³⁹ Ar 快中子活化法定年研究					侯树桓	桑海清	502		
克拉通和古生代造山带中的韧性剪切带型金矿:金矿成矿条件与成矿环境分析								朱永峰	509
深部流体及其与成矿成藏关系研究现状					毛景文	李晓峰	520		
中澳签署重大铁矿石交易									508
2004 年《矿床地质》总目次									533
《矿床地质》2005 年改为双月刊									封三

Comprehensive Table of Contents of Mineral Deposits in 2004

Vol. 23 No. 1

Oxygen and Carbon Isotopic Geochemistry of Baiyangping Silver-Copper Poly metallic Ore Concentration Area in Lanping Basin of Yunnan Province and Its Significance	Liu Jiajun, He Mingjin, Li Zhiming, Liu Yuping, Li Chaoyang, Zhang Qian, Yang Weiguang and Yang Aiping	9,10
Geological Features and Ore-forming Material Sources of Hongjianbingshan Tungsten Deposit in Beishan Mountain, Gansu Province	Nie Fengjun, Jiang Sihong, Hu Peng and Zhang Yi	19
Metallogenetic Regularity of Southwest Tianshan Mountains in Comparison with Neighboring Countries	Yang Jianguo, Yan Yeyi, Xu Xueyi, Ma Zhongping, Zhao Renfu and Yao Wenguang	30
Mineralization Zonation of Muling Zeolite Deposit in Mudanjiang	Zhang Shouting, Zhao Pengda, Xu Zhanzhang and Yang Gengdong	38
Gold-Poly metallic Ore-forming Geochemistry of Yanshanian Intracontinental Collision Orogen, Northeastern Hunan Province	He Zhanli, Xu Derau, Chen Guanghao, Xia Bin, Li Pengchun and Fu Gonggu	51
Genesis of Meng' entaolegai Ag-Pb-Zn-In Poly metallic Deposit in Inner Mongolia	Zhu Xiaoqing, Zhang Qian, He Yuliang and Shao Shuxun	60
Geology, Geochemistry and Genesis of Gongyu Altered Tectonite Type Gold Deposit in Western Henan Province	Li Yongfeng, Mao Jingwen, Guo Baojian, Hu Huabin and Bai Fengjun	66
Geological Characteristics and Genesis of Dazhuangzi Gold Deposit, East Shandong	Lian Guojian, Hu Wenxuan, Zhang Wenlan, Song Yucai, Wang Zhaokun and Yi Fuzhang	76
P Point Lead and Its Application to Metallogeny	Han Fa, Hou Zengqian and Meng Xiangjin	81
Kunlun Type Volcanic-hosted Massive Copper Sulfide Deposits in Xinjiang and Their Ore-forming Tectonic Environments	Sun Haitian, Li Chunjie, Li Jinping and Wu Hai	92
Cobalt Resources of China and Their Exploitation and Utilization	Feng Chengyou, Zhang Dequan and Dang Xingyan	100
Geological Characteristics and Metallogenetic Model of Shuangfengshan Epithermal Gold Deposit in Eastern Junggar, Xinjiang	Peng Xiaoming, Mo Jiangping, Li Jin'ao, Xi Xiaoping and San Jinzhu	106
Ore-controlling Role of Fractures and Ore-controlling Stress Field in Taipingshan Area, Eastern Inner Mongolia	Fang Shu, Wang Yongxiang and Li Lixin	114
Mesozoic Mantle-branch Structure and Related Gold Deposits in Western Shandong	Hu Huabin, Niu Shuyin, Mao Jingwen, Zhang Zhongyi and Wang Yinzhong	121,122
Discrimination of Artificial Neural Network and Its Application to Remote Sensing for Mineral Exploration: Case Study of Hongshan Area in Western Yunnan	Wang Haiping and Zhang Tong	128

Vol. 23 No. 2

Hierarchy Systematic Metallogeny of A Metallogenic Province	Pei Rongfu, Li Jinwen and Mei Yanxiong	141
Researches on Deep Ore Prospecting	Zhai Yusheng, Deng Jun, Wang Jianping, Peng Runmin, Liu Jiajun and Yang Liqiang	149
Reunderstanding of Metallogenic Geological Conditions of Porphyry Copper Deposits in China	Zhang Hongtao, Chen Renyi and Han Fanglin	163
⁴⁰ Ar- ³⁹ Ar Dating of Tin Ores and Related Granite in Furong Tin Orefield, Hunan Province, and Its Geodynamic Significance	Mao Jingwen, Li Xiaofeng, Bernd Lehmann, Chen Wen, Lan Xiaoming and Wei Shaoliu	175
Geological Features and Origin of Porphyry Copper Deposits in China-Mongolia Border Region and Its Neighboring Areas	Nie Fengjun, Jiang Sihong, Zhang Yi, Liu Yan and Hu Peng	189
Metallogenic Series Types of Mesozoic Mineral Deposits in China and Their Evolution	Mei Yanxiong, Pei Rongfu, Li Jinwen and Fu Xuwei	197
Evolution Features of Metallogenic Structure in Maoling Gold Deposit	Qiu Xiaoping	205
Vertical Zoning of Orefield Structures in Tongling Ore Concentration Area, Anhui Province	Li Jinwen, Pei Rongfu and Mei Yanxiong	215
Gold-Repelling Effect in Copper-Gold Deposits of Tongling Mineralization Cluster Area (MCA) in Process of Superimposition-Reformation	Zeng Pusheng, Pei Rongfu, Meng Yifeng, Hou Zengqian, Yang Zhusen, Xu Wenyi, Xie Yuling, Xu Juhua and Mei Yanxiong	224
Helium and Argon Isotopic Components of Fluid Inclusions in Dachang Tin-Polymetallic Deposit and Their Geological Implications	Cai Minghai, Mao Jingwen, Liang Ting and Wu Fuxin	231
Isotopic Geochemistry of Emeishan Basalt Copper Deposits in Northeastern Yunnan and Western Guizhou	Li Houmin, Mao Jingwen, Zhang Changqing, Xu Hong, Chen Yuchuan and Wang Denghong	240
Geology, Geochemistry and Metallogenic Mechanism of Shuangwang Breccia Type Gold Deposit	Zhang Zuoheng, Mao Jingwen and Li Xiaofeng	252
Discussion on Metallogenic Ages of Mojiang Gold Deposit in Yunnan Province	Xie Guiqing, Hu Ruizhong, Mao Jingwen, Fang Weixuan and Li Ruiling	260

Vol. 23 No. 3

Alteration-Fluid Mapping and Metallogenic Fluid System of Tongling Ore Concentration Area	Meng Yifeng, Hou Zengqian, Yang Zhusen, Zeng Pusheng, Xu Wenyi, Tian Shihong, Li Hongyang, Wang Xuncheng, Jiang Zhangping and Yao Xiaode	270
Tentative Temporal Constraints of Ore-forming Fluid Systems in Tongling Metallogenic Province	Meng Yifeng, Yang Zhusen, Zeng Pusheng, Xu Wenyi and Wang Xuncheng	280
Spatial-Temporal Structures of Hercynian Exhalative-Sedimentary Fluid System in Tongling Ore Concentration Area, Anhui Province	Yang Zhusen, Hou Zengqian, Meng Yifeng, Zeng Pusheng, Li Hongyang, Xu Wenyi, Tian Shihong, Wang Xuncheng, Yao Xiaode and Jiang Zhangping	297
Temporal-spatial Configuration and Mineralization of Yanshanian Magmatic Fluid Systems in Tongling Ore Concentration Area, Anhui Province	Zeng Pusheng, Yang Zhusen, Meng Yifeng, Pei Rongfu, Wang Yanbin, Wang Xuncheng, Xu Wenyi, Tian Shihong and Yao Xiaode	308
Large-scale Migration of Fluids towards Foreland Basins During Collisional Orogeny: Evidence from Triassic Anhydrite Sequences and Regional Alteration in Middle-Lower Yangtze Area	Hou Zengqian, Yang Zhusen, Li Yingqin, Zeng Pusheng, Meng Yifeng, Xu Wenyi and Tian Shihong	326
Geological Characteristics of Massive Sulfide Deposits in Tongling Ore Concentration Area, Anhui Province	Li Hongyang, Yang Zhusen, Meng Yifeng, Zeng Pusheng and Xu Wenyi	333
Hydrothermal Sedimentary Rocks of Sedex-type Massive Sulfide Deposits in Tongling Ore Cluster Area, Anhui Province	Zeng Pusheng, Meng Yifeng, Yang Zhusen, Pei Rongfu and Wang Xuncheng	343
Trace Elements in Fluid Inclusions of Submarine Exhalation-Sedimentation System in Tongling Metallogenic Province	Xu Juhua, Xie Yuling, Yang Zhusen, Meng Yifeng and Zeng Pusheng	352
Genetic Model and Dynamic Migration of Ore-forming Fluids in Carboniferous Exhalation-Sedimentary Massive Sulfide Deposits of Tongling District, Anhui Province	Xu Wenyi, Yang Zhusen, Meng Yifeng, Zeng Pusheng, Shi Danian, Tian Shihong and Li Hongyang	363
REE and Stable Isotope Geochemical Characteristics of Chaoshan Gold Deposit in Tongling, Anhui Province	Tian Shihong, Ding Tiping, Yang Zhusen, Meng Yifeng, Zeng Pusheng, Wang Yanbin, Wang Xuncheng and Jiang Zhangping	374
SEM/EDS Study of Daughter Minerals of Fluid Inclusions in Garnet and Diopside from Tongguanshan Copper Deposit	Xie Yuling, Xu Juhua, Yang Zhusen, Meng Yifeng, Xu Wenyi, Qiu Shidong and Wang Baohua	382
Tomographic Study of Shallow Structures in Tongling Metallogenic Province	Shi Danian, Lu Qingtian, Xu Mingcui and Zhao Jinhua	389
Tentative Seismic Reflection Study of Shizishan Orefield in Tongling and Its Significance in Regional Exploration	Lu Qingtian, Hou Zengqian, Shi Danian, Zhao Jinhua, Xu Mingcui and Chai Mingtao	398

Structural Control of Ore-forming Fluid Activities in Shallow Crust of Tongling Ore Concentration Area in Yanshanian Period	Deng Jun , Wang Qingfei , Huang Dinghua and Gao Bangfei 404
Prognosis and Morphological Analysis of Subsurface Concealed Magmatic Bodies in Tongling Ore Concentration Area	Wang Qingfei , Deng Jun , Huang Dinghua and Zhang Qiang 410

Vol . 23 No . 4

Compositional Heterogeneity and Magmatic-Hydrothermal Evolution of Pollucite in No.3 Rare Metal Pegmatite Dyke of Altay , Xinjiang	Hu Huan , Wang Rucheng , Zhang Aicheng and Xu Shijin 421
Lead Isotope Study of Laovaling Stratiform Mo Deposit in Tongling Area	Yu Gang , Chen Jiangfeng , Qian Hui , Chen Shuyu , Yang Gang , Yan Jun and Zhang Chenghuo 430
A Discussion on Origin of Yangla Copper Deposit in Light of Diversity of Ore-hosting Rock Types	Qu Xiaoming , Yang Yueqing and Li Youguo 442
Isotope Geochemistry of Shihongtan Interlayer Oxidized Zone Type Sandstone Uranium Deposit ...	Zhu Xiyang , Peng Xinjian , Wang Yunliang , Zhang Chengjiang , Wang Zhichang , Wang Jinping and Liu Jianhua 451
Ore-forming Fluid Migration in Relation to Mineralization Zoning in Cu-Polymetallic Mineralization District of Northern Lanping , Yunnan : Evidence from Lead Isotope and Mineral Chemistry of Ores	Xu Qidong and Zhou Lian 463
Early Paleozoic Magmatism and Gold Metallogenesis in Altum Mountains , Northwest China	Yang Yi , Chen Xuanhua , George Gehrels , Wang Xiaofeng , Qin Hong , Chen Zhengle , Yang Feng , Chen Bailin and Li Xuezhi 472
A Preliminary Study on Age and Genesis of Shiliping Antimony Deposit in South Qinling	Xie Caifu , Xiong Chengyun , Hu Ning , Li Liuquan , Chang Hailiang , Li Jinsong and Guan Kui min 483
Rare Earth Elements Geochemistry and Genesis of Xinhua Large-size Phosphorite Deposit in Western Guizhou	Wang Min , Sun Xiaoming and Ma Mingyang 493
Geological Characteristics and Origin of Manaoke Fine-grained Disseminated Gold Deposit in Northwestern Sichuan Province	Wang Keyong , Yao Shuzhen , Yang Yanchen and Dai Junzhi 501
⁴⁰ Ar- ³⁹ Ar Fast Neutron Activation Dating Method for Sericite from Liupiyegou Gold Deposit , Jilin Province	Hou Shuhuan and Sang Haiqing 508
Ductile-Shear Zone Related Gold Deposits in Craton and Paleozoic Orogenic Belt : An Analysis of Their Ore-forming Processes and Environments ...	Zhu Yongfeng 519
Mantle-derived Fluids in Relation to Ore-forming and Oil-forming Processes	Mao Jingwen and Li Xiaofeng 532