

<http://www.geojournals.cn/georev/ch/index.aspx>

《地质论评》2001年第47卷总目次

第 1 期

河北平山小觉地区阜平岩群中三种岩类深熔现象的岩相学特征	程裕淇 万渝生 高吉凤 马 瑞(1)
辽河群区域变质特征及其大陆动力学意义	李三忠 韩宗珠 刘永江 杨振升 马 瑞(9)
从砂岩成分探讨吐哈盆地构造演化	邵 磊 杜 斐 K. STATTEGGER(19)
云南老王寨金矿煌斑岩固定铵(NH ₄ ⁺)地球化学特征	黄智龙 刘丛强 肖化云 罗泰义 朱建明(27)
湘中锡矿山超大型锑矿床的碳、氧同位素体系	彭建堂 胡瑞忠(34)
内陆湖泊流域的化学风化及气候变化——以内蒙古岱海为例	金章东 王苏民 沈 吉 季峻峰 李福春 卢新卫 张恩楼(42)
东海陆架盆地下第三系高频层序分析	武法东 苏 新 周 平 刘金水 李培廉(47)
旋回年代学及其应用意义——华北地台中寒武世碳酸盐岩鲕滩高频旋回的年代学研究	柳永清(53)
中朝与扬子板块的鉴别特征	万天丰(57)
假玄武玻璃的研究进展与现状	刘建民 董树文(64)
咸化湖相有孔虫及其在古地理学研究中的意义	杨革联 孙乃达 景民昌(70)
海原活动断裂带破裂行为特征研究	闵 伟 张培震 邓起东 毛凤英(75)
河北平山阜平群夕线石钾长浅粒岩深熔作用的微区矿物学标志	贺义兴 马 瑞 姚 杰 王安平 宋书林(82)
花岗岩风化壳中的微生物及其对稀土元素的浸出作用	陈炳辉 刘骥骥 毋福海(88)
黄铁矿风化过程中元素的活性及对环境的影响	卢 龙 王汝成 薛纪越 陈 骏(95)
莱州湾南岸咸水入侵条件下地下水的水化学特征与卤水形成	韩 非 薛禹群 吴吉春 叶淑君 张永祥(102)
从31届国际地质大会分析前寒武纪地质研究进展和走向	陆松年(109)
金矿床和金成矿作用研究进展	陈柏林(111)
新疆阿勒泰南缘首次发现前寒武纪不整合面	张传林 董永观 郭坤一(18)
内蒙古阿拉善南部地区富 Cr、Ni 斜长花岗岩体的发现及其地质意义	卜文瑞 王廷印(108)
第六届国际古植物学大会在中国秦皇岛举行	(33)
西部地区资源环境与可持续发展暨全国水文地质学术研讨会在乌鲁木齐召开	(74)
国土资源与可持续发展高级研讨班总结	(87)
新书介绍	(26)

第 2 期

乐平统底界定义和广西来宾蓬莱滩剖面点位的讨论	王成源(113)
深部天然核反应堆——一种可能的山脉隆升动力源	匡耀求 张本仁 欧阳建平(119)
皖南上震旦统蓝田组中银铅锌等多金属矿床成因探讨	李双应(129)
安徽月山矿田成矿流体的迁移速率和规模	周涛发 刘晓东 袁 峰 岳书仓(139)
岩石质量描述图与岩石质量风险分析探讨	章杨松 罗国煜 阎长虹 李晓昭 李家新(146)
中国北方岩溶区优势面控水机理及优势参数的确定与应用	周念清 钱家忠 吴剑锋 朱学愚 李根义(151)
青藏高原的隆升:青藏高原的岩石圈结构和构造地貌	崔军文 李朋武 李 莉(157)
苏鲁地体超高压和非超高压花岗质片麻岩的判别标志——来自锆石中矿物包裹体的证据	刘福来 许志琴 杨经绥 张泽明 S. MARUYAMA J. G. LIOU I. KATAYAMA S. MASAGO(164)
内蒙古乌拉山地区大桦背岩体 SHRIMP 锆石 U-Pb 年代学研究	苗来成 Yumin QIU 关 康 Neal McNAUGHTON 裘有守 罗镇宽 David GROVES(169)
华北板块北缘晚古生代火山事件沉积的全序列及其主要特征	周安朝 贾炳文 马美玲 张 慧(175)
大别造山带白马尖花岗岩体的钨、铋同位素地球化学研究	葛宁洁 李惠玉 侯振辉 柏 林 秦礼萍(184)
辽宁红透山块状硫化物矿床中沉积磁黄铁矿的变质和流体作用	顾连兴 肖新建 倪 培 吴昌志(188)
嫩江下游现代河流沉积特征	王俊玲 任纪舜(193)
塔里木盆地流体与油气藏	顾家裕 范土芝 方 辉 蒋凌志(201)
藻类勃发——湖相油源岩形成的一种重要机制	刘传联 徐金鲤 汪品先(207)
南秦岭早古生代地层含硒量及硒的分布规律	维昆利 潘云唐 王五一 谭见安(211)
新疆库木库里盆地新生代沉积序列与青藏高原第四纪晚期隆起的新证据	张云翔 车自成 刘 良(218)
国外地质学类核心期刊筛选与评价	李凤棠 耿全荣(199)

中国地质学会成立80周年庆祝活动方案	(145)
中国地质学会2001年度学术活动计划	(223)
新书介绍	(118)

第 3 期

广西西北部二叠系—三叠系界线碳、氧同位素组成异常及其意义	王大锐 王新平 孙晓婷(225)
拉张盆地伸展量的分形分析——以渤海盆地为例	刘绍文 王良书 刘波(229)
恒山中元古代早期基性岩墙群的单颗粒锆石 U-Pb 年龄及其克拉通构造演化意义	李江海 侯贵廷 钱祥麟 H. C. HALLS Don DAVIS(234)
北大别片麻岩的锆石 U-Pb 年龄离子探针测定及其地质意义	吴元保 陈道公 E. DELOULE 夏群科 李彬贤 程昊(239)
下扬子区岩石圈双层脆韧性过渡带叠置的流变学证据	李成 王良书 杨春(245)
硫化物固-液界面电化学效应实验探讨	贾建业 兰斌明 谢先德 吴大清 潘兆楷 王建成 朱长友(250)
Si 及过渡金属离子在蓝宝石呈色中的作用——数学分析法在离子致色研究中的应用	吴瑞华 朱凤福 白峰(255)
试论中国陆相油气侧向源——碰撞造山成岩成矿模式的拓展和运用	陈衍景 张静 刘丛强 何顺东(261)
塔里木盆地库车坳陷下侏罗统砂岩储层性质的控制因素	寿建峰 斯春松 朱国华 王少依 皮学军 李启明(272)
东营凹陷沙河街组三段层序低位域砂体沉积特征	冯有良 李思田(278)
新生代古海洋 Nd 同位素演化及其古环境意义	凌洪飞 蒋少涌 倪培 张志远 周怀阳(287)
西藏亚东淡色花岗岩 Rb-Sr 和 Sm-Nd 同位素研究——关于其年龄和源岩的证据	杨晓松 金振民(294)
碎屑岩成岩过程中浊沸石形成条件的热力学解释	黄思静 刘洁 沈立成 武文慧(301)
太平洋中国开辟区铁锰结核稀土元素和铈钕同位素特征	李志昌 崔汝勇 刘文贵(309)
桐庐杂岩体中共存的两种碱性长石研究	陈小明 刘昌实 赵小宁 耿建华 王雪峰(317)
惠民凹陷西部老第三系沙河街组三段三角洲体系及砂岩体沉积特征和演化规律	张勇 柳永清(322)
塔里木盆地轮南地区油气运移的路径、期次及方向研究	周凤英 孙玉善 张水昌(329)
阿尔金断裂带的形成时代——来自于同构造生长锆石 U-Pb SHRIMP 定年证据	李海兵 杨经绥 许志琴 吴才来 张建新 万渝生 史仁灯 Juhn G. LIOU Trevor R. IRELAND(315)
高温地热水中 SiO ₂ 取样须知	赵凤三(300)
安徽两淮地区第四系底部“停积—融坠型冰碛物”的研究	桂和荣 彭子成 宋晓梅(321)
中国地质学会2001年工作会议于湖南长沙召开	(249)
国土资源部珠宝玉石首饰管理中心珠宝首饰研究所简介	(238)
《地质学报》、《地质论评》征稿简则	(336)
勘误说明	(260)

第 4 期

对赣东北晚古生代放射虫的初步认识	王博 舒良树(337)
山东山旺盆地中新世两个蚂蚁新属(<i>Heteromyrmex</i> Zhang, 1989和 <i>Tolylasius</i> Zhang, 1989)的修正	洪友崇 吴坚 任东(345)
喜马拉雅造山带西构造结研究的启示	郑来林 潘桂棠 金振民 耿全如(350)
花岗岩拓扑学的研究展望	董申保 洪大卫 许保良(356)
内蒙古苏尼特左旗南两类花岗岩同位素年代学及其构造意义	陈斌 赵国春 Simon WILDE(361)
东天山红柳河地区海西期花岗岩的岩石学、地球化学及其构造环境	李伍平 王涛 李金宝 康旭 于福生 韩庆军 马忠平(368)
相山铀矿田横涧矿床的成因归属	张万良(377)
高硫煤中硫的地质演化模式——以内蒙古乌达矿区为例	代世峰 任德贻 唐跃刚 王延斌 李生盛(383)
关于编制盆地构造演化剖面的几个问题的讨论	漆家福 杨桥 王子煜 周建勋(388)
羌塘盆地中生代源岩中动物型原沥青的成因及意义	王延斌 毕建军 赵厚银 苏爱国 杜美利(393)
流体包裹体面的研究背景、现状及发展前景	倪培 蒋少涌 凌洪飞 范建国(398)
“华北型”煤田岩溶水害及防治现状	卜昌森 张希诚 尹万才 曲修术(405)
滇黔地区陆相二叠系—三叠系界线附近粘土岩中发现微球粒	王尚彦 殷鸿福(411)
藏北羌塘盆地构造变形及其动力学背景	雷振宇 李永铁 刘忠 鲁兵(415)

华北地块东段和龙超镁铁质科马提岩的发现及特征	刘劲鸿(420)
角质体热解产烃的实验研究	孙旭光 陈建平 金奎励(425)
辽宁五龙金矿主成矿阶段成矿持续时限	魏俊浩 刘丛强 赵永鑫 李志德(433)
阿拉善地区朱拉扎嘎金矿床硫、铅同位素研究	江思宏 杨岳清 聂凤军 王剑民 李福喜 贾林柱(438)
构造地质学现状和进展——第31届国际地质大会学术成果综述	吴淦国 张 达 陈柏林 吴建设 陈祥云(446)
西藏高原雅鲁藏布江北岸蛇绿岩带的发现及地质意义	侯增谦 高永丰 黄 卫(344)
西昆仑东段首次发现前寒武纪麻粒岩相变质岩	董永观 张传林 赵 宇(397)
广东饶平首次发现大量古冰川遗迹	韩同林(382)
著名地质学家、教育家和社会活动家郝诒纯院士逝世	(448)
大型矿集区深部精细结构与含矿信息研究项目启动	(404)
中国地质学会新老工作人员积极筹备中国地质学会80周年庆祝活动	(349)
1999年中国科技期刊总被引频次前500名排行表	(355)
1999年中国科技期刊影响因子前200名排行表	(419)
《地质学报(英文版)》在世界地质综合性刊物中排名第45位	(437)

第 5 期

峡东地区震旦系层型剖面的界定与层序划分	王自强 高林志 尹崇玉(449)
亚洲中东部岩石圈下层网络状塑性流动与应变场	王绳祖(458)
中国新生代古地形演化的初步模型	刘志飞 汪品先 王成善 邵 磊 黄 维(467)
佛子岭岩群中的晋宁期深成岩带及其构造含意	马文璞 王关玉 王果胜(476)
关于“侵入岩谱系单位填图方法”有关问题的讨论	杨崇辉 庄育勋 王新社 张尚坤 刘增校(483)
对秦岭奥长环斑花岗岩的质疑	赵太平(487)
南秦岭卡林型—似卡林型金矿床综合地质地球化学特征	张复新 季军良 龙灵利 范春花(492)
胜利油田富CO ₂ 含金流体及有关成因问题	赫 英 廖永胜(500)
太白双王含金水压力角砾岩体形成过程和金矿体预测	汪劲草 汤静如 王国富 史静海(508)
油、水、干层的地球化学识别	张枝焕 王铁冠 常象春 朱 雷 李伯虎 周永炳 刘国志(514)
地质事件、序列和事件群	陆松年 李怀坤 于海峰(521)
海洋沉积物—海水界面附近氮、磷、硅的生物地球化学	孙云明 宋金明(527)
莺歌海盆地晚第三纪构造特征的三维泥料模拟实验及其动力学意义	殷秀兰 李思田 马寅生 王砚庆(535)
江西雅山富氟高磷花岗岩中的磷酸盐矿物及其成因意义	黄小龙 王汝成 陈小明 刘昌实(542)
嵩县祁雨沟金矿成矿时代的Ar-Ar年代学证据	王义天 毛景文 卢欣祥(551)
全新世气候变化与长江三角洲史前文化兴衰	张 芸 朱 诚 戴东升 宋友桂(556)
恭祝著名地质学家王恒升院士百岁华诞	(457)
中国大陆科学钻探第一井在苏北东海开钻	(486)
庆祝中国地质学会成立80周年活动的筹备工作正在抓紧进行	(491)
新书介绍	(520)
本刊编辑部启事	(513)

第 6 期

青海拉鸡山构造带是裂谷还是构造窗——与王二七研究员商榷	左国朝 李志林 张 崇(561)
关于祁连山东段地块的构造叠加和折返的讨论——答左国朝研究员等的质疑	王二七 张 旗(566)
华南、华北地块中生代构造演化与超高压变质岩的折返机制	杨振宇 董树文 Jean BESSE(568)
关于维管植物大化石保存方式术语的商榷	王 祺 郝守刚(577)
西藏甲马铜多金属矿区上侏罗统一白垩系层序地层与成矿	彭勇民 姚 鹏 李金高(584)
静水条件下背斜圈闭系统石油运移和聚集模拟实验及机理分析	曾溅辉 王洪玉(590)
山东惠民凹陷东营组尾花介科化石的发现及其意义	费安玮(596)
福建同安角闪辉长岩的矿物化学、 ⁴⁰ Ar- ³⁹ Ar 年龄及地质意义	陈 荣 周金城(602)
福建紫金山地区中生代构造环境转换的岩浆岩地球化学证据	张德全 余宏全 阎升好 徐文艺(608)
中高盐度 NaCl-H ₂ O 包裹体的密度式和等容式及其应用	刘 斌(617)
新疆北部中—大型金、铜矿床的基本成矿特征	廖启林 王京彬 赖健清(625)
江西相山铀矿田东西向隐伏构造的发现及其地质意义	邱爱金(637)

西藏易贡崩塌—滑坡—泥石流的地质地貌与运动学特征	任金卫 单新建 沈 军 格 桑 扎 桑 邓桂英 张 军 索 仁 (642)
遥感、GIS 结合与区域天然滑坡调查	单新建 叶 洪 李焯芬 陈国光 (648)
水文地球化学方法在煤矿水害研究中的某些应用——以平顶山、肥城矿区研究为例	王广才 段 琦 卜昌森 陈遂斋 (653)
两花岗岩体接触带铀系核素迁移的初步模拟	罗兴章 闵茂中 (658)
首批国家地质公园的建立——地球科学服务社会的新尝试	赵 逊 王弭力 (623)
冀东慢枝构造外围主拆离滑脱带控矿的研究进展	牛树银 孙爱群 李红阳 (595)
国土资源与可持续发展高级研讨班在乌鲁木齐举办	(589)
全国矿产资源发展战略及隐伏矿床寻找学术研讨会在桂林召开	(616)
首届岩溶地区可持续发展国际学术会议暨 IGCP448——世界岩溶生态系统对比国际工作组会议 在北京召开	(583)
《地质学报》、《地质学报》(英文版)和《地质论评》均入选“中国期刊方阵”	(封底)
《中国区域地质》更名为《地质通报》,《中国地质》变更为综合性学术季刊	(576)
第47卷总目次	(665)
第47卷第一作者索引	(664)

GEOLOGICAL REVIEW Vol. 47 2001

CONTENTS

No. 1

Petrographic Characteristics of Three Anatectically Transformed Metamorphic Rock Types of the Fuping Group—Complex of the Xiaojue Region, Pingshan, Hebei	CHENG Yuqi, WAN Yusheng, GAO Jifeng, MA Rui (8)
Continental Dynamics and Regional Metamorphism of the Liaohe Group	LI Sanzhong, LIU Yongjiang, YANG Zhengsheng, MA Rui (17)
Determination of Tectonic Evolution of the Turpan Basin from Sandstone Components	SHAO Lei, DU Fei, Karl STATTEGGER (26)
The NH_4^+ Geochemistry of Lamprophyres in Laowangzhai Gold Orefield, Yunnan Province	HUANG Zhilong, LIU Congqiang, XIAO Huayun, LUO Taiyi, ZHU Jianming (33)
Carbon and Oxygen Isotope Systematics in the Xikuangshan Giant Antimony Deposit, Central Hunan	PENG Jiantang, HU Ruizhong (41)
Chemical Weathering and Paleoclimatic Change in Watershed Recorded in Lake Sediments—A Case Study of the Daihai Lake, Inner Mongolia	JIN Zhangdong, WANG Sumin, SHEN Ji, JI Junfeng, LI Fuchun, LU Xinwei, ZHANG Enlou (46)
Analysis of Paleogene High-Frequency Sequences in the East China Sea Shelf Basin	WU Fadong, SU Xin, ZHOU Ping, LIU Jinshui, LI Peilian (52)
Cyclochronology of Orbital Cycles and Its Implication—A Case Study on the Orbital Forcing High-frequency Cycles and Cyclochronometer of Mid-Cambrian Oolitic Carbonates in the North China Platform	Liu Yongqing (56)
Distinctive Characteristics of Sino-Korean and Yangtze Plates	WAN Tianfeng (63)
Advance and the Status quo of the Research on Pseudotachylites	LIU Jianmin, DONG Shuwen (69)
Foraminifers of Salinized Lake Facies and Their Significance in Paleogeographic Study	YANG Gelian, SUN Naida, JING Minchang (74)
Detailed Study of Holocene Paleoeearthquakes of the Haiyuan Active Fault	MIN Wei, ZHANG Peizhen, DENG Qidong, MAO Fengying (81)
Micro-area Mineralogical Characteristics of Anatectic Sillimanite-K-feldspar Leucogranulite in the Fuping Group at Pingshan, Hebei Province	HE Yixing, MA Rui, YAO Jie, WANG Anping, SONG Shulin (86)
Microbes and Their Effects on REE Extraction in Weathering Crust of Granite	CHEN Binghui, LIU Huhu, WU Fuhai (94)
Activity of Elements during the Weathering of Pyrite and Its Environmental Effects	LU Long, WANG Rucheng, XUE Jiyue, CHEN Jun (101)
Hydrochemical Characteristics of Groundwater in Salt-Water Intrusion Condition and Genesis of Brine along the South Coast of the Laizhou Bay, China	HAN Fei, XUE Yuqun, WU Jichun, YE Shujun, ZHANG Yongxiang (108)
Analysis of the Progress and Trend of the Research on the Precambrian Geology Based on the 31st International Geological Congress	LU Songnian (109)
The Progress of the Study of Gold Deposits and Gold Matellogeny	CHEN Bolin (111)
Precambrian Disconformity Discovered for the First Time on the Southern Margin of the Altay Area, Xinjiang	ZHANG Chuanlin, DONG Yongguan, GUO Kunyi (18)
The Discovery of Cr- and Ni-rich Plagiogranite in the Southern Alxa Region, Inner Mongolia, and Its Geological Implications	BU Wenrui, WANG Tingyin (108)

The Sixth International Palaeobotany Conference Held in Qinhuangdao, China	(33)
Opening in Urumqi of the Symposium on the Resources, Environment and Sustainable Development and also the National Hydrogeological Symposium	(74)
Summary of the Advanced Symposium on the Land Resources and Sustainable Development	(87)
Introduction to New Book	(26)

No. 2

Discussion on the Definition of the Lopingian Series Basal Boundary and the Point in the Section of Penglaitan, Laibin, Guangxi	WANG Chengyuan (118)
Deep-seated Natural Nuclear Reactor?—A Possible Dynamic Model of Mountain Uplift	KUANG Yaoqiu, ZHANG Benren, OUYANG Jianping (128)
A Study of the Origin of Ag-Pb-Zn Polymetallic Ores in the Lantian Formation in Southern Anhui	LI Shuangying (138)
Migration Velocity and Scale of the Ore-forming Fluid for Formation of Cu, Au Deposits in Yueshan Orefield, Anhui Province	ZHOU Taofa, LIU Xiaodong, YUAN Feng, YUE Shucang (145)
Discussion of the Description Chart of Rock Quality and the Risk Analysis of Rock Quality	ZHANG Yangsong, LUO Guoyu, YAN Changhong, LI Xiaozhao, LI Jiaxin (150)
The Controlling Mechanism of the Preferred Plane on Groundwater Flow and the Determination and Application of Preferred Parameters in the Karst Areas in Northern China	ZHOU Nianqing, QIAN Jiazhong, WU Jianfeng, ZHU Xueyu, LI Genyi (156)
Uplift of the Qinghai-Tibet Plateau: Tectonic Geomorphology and Lithospheric Structure of the Qinghai-Tibet Plateau	CUI Junwen, LI Pengwu, LI Li (163)
Distinguishable Signature of UHP and Non-UHP Granitic Gneisses in the Sulu Terrane: Evidence from Mineral Inclusions in Zircons	LIU Fulai, XU Zhiqin, YANG Jingsui, ZHANG Zeming, S. MARUYAMA, J. G. LIOU, I. KATAYAMA, S. MASAGO (168)
A Chronological Study of SHRIMP U-Pb of Zircon from the Dahuaebei Intrusion in the Wulashan area, Inner Mongolia	MIAO Laicheng, Yumin QIU, GUAN Kang, Neal McNAUGHTON, QIU Youshou, LUO Zhenkuan, David GROVES (174)
The Whole Sequences of Volcanic Event Deposits on the North Margin of the North China Plate and Their Features	ZHOU Anchao, JIA Bingwen, MA Meiling ZHANG Hui (183)
Nd-Sr Isotope Geochemistry of the Baimajian Granite in the Dabie Orogen	GE Ningjie, LI Huiyu, HOU Zhenhui, BO Lin, QIN Liping (187)
Metamorphism of Sedimentary Pyrrhotite and Fluid Effect in the Hongtoushan Massive Sulphide Deposit, Liaoning Province	GU Lianxing, XIAO Xinjian, NI Pei, WU Changzhi (192)
Characteristics of Modern Fluvial Deposits in the Lower Reaches of the Nenjiang River, Northeast China	WANG Junling, REN Jisun (198)
Fluid Migration and Oil Reservoirs in the Tarim Basin	GU Jiayu, FAN Tuzhi, FANG Hui, JIANG Lingzhi (206)
Algal Blooms: the Primary Mechanism in the Formation of Lacustrine Petroleum Source Rocks	LIU Chuanlian, XU Jinli, WANG Pinxian (210)
Selenium Content and Distribution Pattern in the Palaeozoic strata in the Southern Qinling Mountains	LUO Kunli, PAN Yuntang, WANG Wuyi, TAN Jian'an (216)
Cenozoic Sedimentary Sequence in the Kumkal Basin, Xinjiang and New Evidence for the Late Quaternary Uplift of the Qinghai-Tibetan Plateau	ZHANG Yunxiang, CHE Zicheng, LIU Liang (222)
Selection and Appraisal of Foreign Geological Core Journal	Li Fengtang, Geng Quanrong (199)
The Plan of Celebration Activities on the 80th Anniversary of the Foundation of the Geological Society of China	(145)
The Plan of Academic Activities of the Geological Society of China in 2001	(223)
Introduction to New Book	(118)

No. 3

The Anomaly of Carbon and Oxygen Isotopic Compositions Across the Permian—Triassic Boundary in Northwest Guangxi, South China, and Its Significance	WANG Darui, WANG Xinping, SUN Xiaoting (228)
Fractal Analysis of Extensional Quantity of the Extensional Basin—Taking the Bohai Basin as an Example	LIU Shaowen, WANG Liangshu, LIU Bo (233)
Single-Zircon U-Pb Age of the Initial Mesoproterozoic Basic Dike Swarms in Hengshan Mountain and Its Implication for the Tectonic Evolution of the North China Craton	LI Jianghai, HOU Guiting, QIAN Xianglin, H. C. HALLS, Don DAVIS (238)
Zircon U-Pb Ion Probe Ages of Gneisses from the Northern Dabie Terrain and Their Geological Implications	WU Yuanbao, CHEN Daogong, E. DELOULE, XIA Qunke, LI Binxian, CHENG Hao (244)
Rheological Evidence for Superimposition of Double Brittle-Ductile Transitional Zones of the Lithosphere in the Lower Yangtze Region	LI Cheng, WANG Liangshu, YANG Chun (249)
An Experimental Study of the Electrochemical Effect on the Solid-Liquid Interface of Sulphide	JIA Jianye, LAN Binming, XIE Xiande, WU Daqing, PAN Zhaolu, WANG Jiancheng, ZHU Changyou (254)

Effect of Si and Transition Metal Ions in Sapphire Coloring—Application of the Mathematical Method in the Analysis of Coloring by Ions	WU Ruihua, ZHU Fengfu, BAI Feng (260)
The Lateral Source of the Continental Oil and Gas of China; Extension and Application of the CPMF Model	CHEN Yanjing, ZHANG Jing, LIU Congqiang, HE Shundong (271)
Control Factors of the Properties of the Lower Jurassic Sandstone Reservoirs in the Kuqa Depression, Tarim Basin	SHOU Jianfeng, SI Chunsong, ZHU Guohua, WANG Shaoyi, PI Xuejun, LI Qiming (277)
Depositional Characteristics of Lowstand Sand Bodies of the Third Member of the Shahejie Formation in the Dongying Depression and the Significance in Petroleum Geology	FENG Youliang, LI Sitian (286)
Evolution of Oceanic Nd Isotopic Composition in the Cenozoic and Its Environmental Significance	LING Hongfei, JIANG Shaoyong, Ni Pei, ZHANG Zhiyuan, ZHOU Huaiyang (293)
Studies on Rb-Sr and Sm-Nd Isotope of Yadong Leucogranite in Tibet; Constraint on Its Age and Source Material	YANG Xiaosong, JIN Zhenmin (300)
Thermodynamic Interpretation for the Conditions of the Formation of Laumontite Related to Clastic Diagenesis	HUANG Sijing, LIU Jie, SHEN Licheng, WU Wenhui (308)
REE and Ce, Nd Isotopic Characteristics of the Ferromanganese Nodules from the Chinese Pioneer Area in Eastern Pacific Ocean	LI Zhichang, CUI Ruyong, LIU Wengui (314)
Study of Two Types of Alkali Feldspars Coexisting in the Tongcheng—Lujiang complex	CHEN Xiaoming, LIU Changshi, ZHAO Xiaoning, GENG Jianhua, WANG Xuefeng (321)
The Evolution of Palaeogene Delta Depositional Systems and Sand Bodies in the Western Huimin Depression, Shandong Province	ZHANG Yong, LIU Yongqing (328)
Study on Direction, Phases and Pathways of Petroleum Migration in the Lunnan Area, Tarim Basin	ZHOU Fengying, SUN Yushan, ZHANG Shuichang (335)
Formation Age of the Altun Fault Belt: Evidence from U-Pb SHRIMP Dating of Syn-tectonic Zircon	LI Haibing, YANG Jingsui, XU Zhiqing, WU Cailai, ZHANG Jianxin, WAN Yusheng, SHI Rendeng, Juhn G. LIOU, Trevor R. IRELAND (315)
Note on SiO ₂ Sampling in High-Temperature Geothermal Water	ZHAO Fengsan (300)
Study on the "Terminal-Meltdrop Till" at the Bottom of the Quaternary in the Huainan-Huaipei Area of Anhui	GUI Herong, PENG Zicheng, SONG Xiaomei (321)
2001 Business Meeting of the Geological Society of China Held in Changsha, Hunan	(249)
Introduction to the Institute of Jewelry, Administration Center of Jewelry of the Ministry of Land and Resources	(238)
Notes for Contributors	(336)

No. 4

Notes on Late Paleozoic Radiolarians of Northeastern Jiangxi Province	WANG Bo, SHU Liangshu (344)
Emendation of <i>Heteromyrmex</i> Zhang, 1989 and <i>Tylolasius</i> Zhang, 1989 (Hymenoptera, Formicoidae) from the Miocene Shanwang Basin, Shandong Province, China	HONG Youchong, WU Jian, REN Dong (348)
Preliminary Study of Western Himalayan Syntaxis and Its Enlightenments	ZHENG Lailing, PAN Guitang, JIN Zhenmin, GENG Quanru (355)
A Prospect on Granite Topology	DONG Shenbao, HONG Dawei, XU Baoliang (360)
Subduction- and Collision-related Granitoids from Southern Sonidzuoqi, Inner Mongolia; Isotopic Ages and Tectonic Implications	CHEN Bin, ZHAO Guochun, Simon WILDE (367)
Petrology, Geochemistry of Hercynian Granites of Hongliuhe Area and Its Tectonic Setting in Eastern Tianshan Mountains, Western China	LI Wuping, WANG Tao, LI Jinbao, KANG Xu, YU Fusheng, HAN Qingjun, MA Zhongping (376)
Genesis Attribution of the Hengjian Uranium Deposit in the Xiangshan Ore Field, Jiangxi	ZHANG Wanliang (381)
Model of Sulphur Accumulation in the High-sulphur Coal—A Case Study from the Wuda Coalfield, Inner Mongolia	DAI Shifeng, REN Deyi, TANG Yuegang, WANG Yanbin, LI Shengsheng (387)
Some Problems about Compiling Tectonic Evolution Sections of Basin	QI Jiafu, YANG Qiao, WANG Ziyu, ZHOU Jianxun (392)
Origin and Significance of Zo-bitumens in Mesozoic Source Rocks in the Qiangtang Basin	WANG Yanbin, BI Jianjun, ZHAO Houyin, SU Aiguo, DU Meili (397)
The Background, Application and Development of Fluid Inclusion Planes Research	NI Pei, JIANG Shaoyong, LING Hongfei, FAN Jianguo (404)
Inundation in the North-China Type Coalfields and the Status Quo of its Protection	BU Changsen, ZHANG Xicheng, YIN Wancai, QU Xiushu (410)
Discovery of Microspherules in Claystone near the Terrestrial Permian—Triassic Boundary	WANG Shangyan, YIN Hongfu (414)
Structural Deformation and Dynamic Mechanism of the Qiangtang Basin, North Tibet	LEI Zhenyu, LI Yongtie, LIU zhong, LU Bing (419)
Discovery and Identification of Helong Ultramafic Komatiite in the Eastern Part of North China Block	Liu Jinhong (424)

Experimental Study of Hydrocarbon-generating Potential of Cutinite through Open-system Pyrolysis	SUN Xuguang, CHEN Jianping, JIN Kuili (431)
Time Span of the Major Ore-forming Stages of the Wulong Gold Deposit, Liaoning	WEI Junhao, LIU Congqiang, ZHAO Yongxin, LI Zhide (437)
Studies on the Sulfur and Lead Isotopic Geology of the Zhulazhaga Gold Deposit in the Alxa District, Inner Mongolia, China	JIANG Sihong, YANG Yueqing, NIE Fengjun, WANG Jianmin, LI Fuxi, JIA Linzhu (445)
Advance in structural geology: a review of the academic achievements of the 31st IGC	WU Ganguo, Zhang Da, Chen Bailin, Wu Jianshe, Chen Qiangyun (446)
Discovery and geological significance of the ophiolite belt along the north side of the Yarlung Zangbo River, Xizang(Tibet)	HOU Zengqian, GAO Yongfeng, HUANG Wei (344)
Discovery of Precambrian granulite—facies metamorphic rocks in the eastern section of the West Kunlun	DONG Yongguan, ZHANG Chuanlin ZHAO Yu (397)
Discovery of paleoglacier products in Raoping, Guangdong	HAN Tonglin (382)
Famous Geologist, Educationist and Social Activist Hao Yichun Academician Passed away	(448)
Fine Structure and Ore-bearing Information at the Depth of the Region of Large-scale Deposits: a Monographic Research	
Project Begins	(404)
Staff of the Geological Society of China Preparing the 80th Anniversary of the Society	(349)
Ranking of the First 500 Scientific and Technological Journals of China in Citation Frequency in 1999	(355)
Ranking of the First 200 Scientific and Technological Journals of China in Impact Factor in 1999	(419)
Acta Geologica Sinica (English Edition) Ranks 45th in the "Geoscience, Interdisciplinary" Category in the World	(437)

No. 5

Ascertainment and Stratigraphic Division of the Sinian Stratotype Section	WANG Ziqiang, GAO Linzhi, YIN Chongyu (457)
Netlike Plastic-flow and Strain Field in the Lower Lithosphere in Central—Eastern Asia	WANG Shengzu (466)
Paleotopography of China during the Cenozoic: A Preliminary Study	LIU Zhifei, WANG Pinxian, WANG Chengshan, SHAO Lei, HUANG Wei (475)
Jinlingian Plutonic Belt in the Foziling Group and Its Tectonic Implication	MA Wenpu, WANG Guanyu, WANG Guosheng (482)
The Mapping Method of Lithodemic Units of Intrusive Rocks	YANG Chonghui, ZHUANG Yuxun, WANG Xinshe, ZHANG Shangkun, LIU Zengxiao (486)
A Query about So-called Rapakivi Granites in the Qinling Orogen	ZHAO Taiping (491)
Comparative Features of Carlin—Para-Carlin Type Gold Deposits in the South Qinling and Gold Deposits in Other Areas	ZHANG Fuxin, JI Junliang, LONG Lingli and FAN Chunhua (499)
Auriferous CO ₂ -rich Fluids in Shengli Oilfield, Shandong Province and Their Origin	HE Ying, LIAO Yongsheng (507)
Formation of Gold-bearing Hydrofracturing Breccia Body and Prognosis of Gold Ore Body in the Shuangwang Gold Deposit, Shaanxi Province	WANG Jincao, TANG Jingru, WANG Guofu, SHI Jinghai (513)
Geochemical Method Distinguishing the Oil, Water and Dry Layers	ZHANG Zhihuan, WANG Tieguan, CHANG Xianchun, ZHU Lei, LI Bohu, ZHOU Yongbing, LIU Guozhi (519)
Geological Events, Event Sequence and Event Group	LU Songnian, LI Huaikun, YU Haifeng (526)
N, P and Si Biogeochemistry near Marine Sediment—Seawater Interface	SUN Yunming, SONG Jinming (534)
Three-dimensional Tectonic Modelling of the Yinggehai Basin in the Late Tertiary and Its Geodynamic Significance	YIN Xiulan, LI Sitian, MA Yinsheng, WANG Yanqing (541)
Phosphate Minerals from the Yashan F- and P-rich Granite in Yichun, Jiangxi Province: Genetic Implications	HUANG Xiaolong, WANG Rucheng, CHEN Xiaoming, LIU Changshi (550)
Ar-Ar dating and Geochronological Constraints on the Ore-forming Epoch of the Qiyugou Gold Deposit in Songxian County, Henan Province	WANG Yitian, MAO Jingwen, LU Xinxiang (555)
Holocene Climatic Change and Rise and Fall of Prehistoric Civilization in the Yangtze River Delta	ZHANG Yun, ZHU Cheng, DAI Dongsheng, SONG Yougui (560)
Congratulate on Centennial Birthday of Famous Geologist, Academician Wang Hengsheng	(458)
Begins the First Drill of "Chinese Continental Scientific Drilling Project" in Donghai, North Jiangsu	(486)
Going on the Preparing Work for the 80th Anniversary of the Geological Society of China	(491)
Introduction of New Books	(520)
Notes of Editorial Department	(541)

No. 6

Lajishan Tectonic Zone of Qinghai Province: Rift or Tectonic Window?—To discuss with Prof. Wang Er'qi	ZUO Guochao, LI Zhilin, ZHANG Chong (566)
---	---

A Discussion on the Tectonic Superposition and inversion in the Eastern Section of the Qilian Mountains	WANG Erqi, ZHANG Qi(566)
Mesozoic Tectonic Evolution of the North and South China Blocks and Exhumation Mechanism of the Ultra-high Pressure Metamorphic Rocks	YANG Zhenyu, DONG Shuwen, Jean BESSE(576)
Terminology of the Modes of Preservation of Vascular Plant Megafossils; A Discussion	WANG Qi, HAO Shougang(582)
Upper Jurassic — Cretaceous Sequence Stratigraphy and Mineralization in the Jiama Copper—Multi-metallic Mining Area of Tibet	PENG Yongmin, YAO Peng, LI Jingao(589)
Simulation Experiment and Mechanism Analysis of Petroleum Migration and Accumulation in Anticlines under Hydrostatic Condition	ZENG Jianhui, WANG Hongyu(595)
Discovery and Significance of Cytheruridae Fossils in the Oligocene Dongying Formation of the Huimin Depression, Shandong Province	FEI Anwei(600)
Mineral Chemistry and ^{40}Ar - ^{39}Ar Ages of Hornblende Gabbro from Tong'an, Fujian Province and Their Geological Significance	CHEN Rong, ZHOU Jincheng(607)
Geochemistry of Mesozoic Magmatites in the Zijinshan Region and Implication on Regional Tectonic Inversion	ZHANG Dequan, SHE Hongquan, YAN Shenghao, XU Wenyi(615)
Density and Isochoric Formulae for NaCl-H ₂ O Inclusions with Medium and High Salinity and Their Applications	LIU Bin(622)
Basic Metallogenetic Characters of the Large and Medium-Scale Gold and Copper Deposits in Northern Xinjiang	LIAO Qilin, WANG Jingbin, LAI Jianqing (636)
Discovery of E-W-trending Buried Structure in the Xiangshan Uranium Orefield and Its Geological Significance	QIU Aijin(641)
Geological Characteristics and Kinematics of the Rock Fall-landslide in Yi'ong, Southeastern Tibet	REN Jinwei, SHAN Xinjian, SHEN Jun, Gesang, Zhasang, DENG Guiyin, ZHANG Jun, Suoren (647)
Integration of RS and GIS and Its Application to the Investigation of Regional Natural Landslides	SHAN Xinjian, YE Hong, C. F. LEE, CHEN Guoguang(652)
Applications of Hydrogeochemical Methods to the Study of Groundwater Hazards at the Pingdingshan and Feicheng Coal Mines, China	WANG Guangcai, DUAN Qi, PU Changshen, CHEN Suizhai(657)
A Simplified Modeling for Radionuclide Migration in a Granitic Contact Zone	LUO Xingzhang, MIN Maozhong(663)
Establishment of the First National Geoparks——New attempt for Geosciences to Serve Society	ZHAO Xun, Wang Milly(590)
Study advances on the Ore-controlling Action of the Main Detachment Slide Zone around the Mantle-Branch Structure in Eastern Hebei Province	NIU Shuyin, SUN Aiqun, LI Hongyang(597)
The First International Conference on Sustainable Development in Karst Region & International Working Group Meeting of IGCP448 World Correlation of Karst Ecosystems Held in Beijing	(583)
Senior Symposium on Land and Resources and Sustainable Development Held in Urumqi	(589)
The Symposium on the strategy of National Mineral Resources Development and Discovery of Deep Buried Mineral Deposits Held in Guilin	(618)
<i>Acta Geologica Sinica</i> , <i>Acta Geologica Sinica(English Edition)</i> and <i>Geological Review</i> all Selected "Periodical Array of China"	(back cover)
<i>Regional Geology of China</i> Renamed <i>Geological Bulletin of China</i> and <i>Geology of China</i> Becomes Academic Quarterly Periodical	(576)
Contents of Vol. 47	(665)
Index for First writers of Vol. 47	(664)