

主要研究成果

代表性成果

论文著作

获奖成果



- 实验室通道
- » 电子探针实验室
 - » 电子显微镜实验室
 - » X-荧光光谱实验室
 - » 粉晶X-射线衍射实验室
 - » 化学分析实验室
 - » 表生地球化学实验室
 - » 构造地球化学实验室
 - » 同位素地球化学超净实验室
 - » 稀有气体质谱实验室
 - » 等离子质谱实验室
 - » 热电离质谱 (TIMS) 实验室
 - » 成岩成矿模拟实验室
 - » 岩矿鉴定实验室
 - » 流体包裹体实验室
 - » 激光拉曼光谱实验室
 - » 激光剥蚀等离子质谱实验室

实验室联系通道



当前位置: 首页>主要研究成果>论文著作

矿床地球化学国家重点实验室2005-2010年论著目录

文章来源: 矿床地球化学国家重点实验室 发布时间: 2011.02.28

一、专著

- [1]韩润生, 陈进, 黄智龙, 马德云, 薛传东, 李元, 邹海俊, 李勃, 胡煜昭, 马更生, 黄德镛, 王学琨. 《构造成矿动力学及隐伏矿定位预测——以云南会泽超大型铅锌(银、锗)矿床为例》. 科学出版社, 2006.
- [2]王登红, 应汉龙, 梁华英, 黄智龙, 骆耀南. 《西南三江地区新生代大陆动力学过程与大规模成矿》. 地质出版社, 2006.
- [3]陈丰. 《20世纪科学技术革命和地球科学精览》. 贵州科技出版社, 2006.
- [4]王中刚, 朱笑青, 毕华, 王元龙, 吴柏青, 邹天人, 赵振华, 桂训唐. 《中国新疆花岗岩》. 地质出版社(北京), 2006.
- [5]毛景文, 胡瑞忠, 陈毓川, 王义天, 等著. 《大规模成矿作用及大型矿集区(上、下册)》. 地质出版社, 2006, 1030页.
- [6]涂光炽, 等. 《地学思想史》. 地质出版社, 2007.
- [7]金中国, 等. 《黔西北地区铅锌矿控矿因素、成矿规律与找矿预测》. 冶金工业出版社, 2008.
- [8]胡瑞忠, 等. 中国至2050年: 科学技术与中国的未来. 科学出版社.
- [9]胡瑞忠, 刘建明, 翟明国. Mineral Resources Science in China: A Roadmap to 2050. 科学出版社, 2010.

二、SCI论文

- [1]Chen Y J, Pirajno F, Qi J P. Origin of gold metallogeny and sources of ore-forming fluids, Jiaodong Province, eastern China. International Geology Review, 2005, 47: 530-549.
- [2]Zhong H, Hu R Z, Wilson A H, Zhu W G. Review of the link between the Hongge layered intrusion and Emeishan flood basalts, Southwest China. International Geology Review, 2005, 47(9): 971-985.
- [3]Huang W Q, Liu S R. PL Spectra and quantum confinement analysis of Ge nanostructure in rapid oxidation of SiGe substrate. Modern Physics Letters B, 2005, 19(30): 1767-1774.
- [4]Qi L, Zhou M F, Malpas J, Sun M. Determination of rare earth elements and Y in ultramafic rocks by ICP-MS after preconcentration using Fe(OH)₃ And Mg(OH)₂ coprecipitation. Geostandards and Geoanalytical Research, 2005, 29: 131-141.
- [5]Li D X, Gao Z M, Zhu Y X, Yu Y M, Wang H. Photochemical reaction of Tl in aqueous solution and its environmental significance. Geochemical Journal, 2005, 39: 113-119.

[6]Chen Y J, Pirajno F, Sui Y H. Geology and D-O-C isotopes systematics of the Tieluping silver deposit, Henan, China: Implications for ore genesis. *Acta Geologica Sinica*, 2005, 79(1): 106-119.

[7]Xie G Q, Hu R Z, Mao J W, Li R L, Cao J J, Jiang G H, Qi L. Geological and geochemical characteristics of early cretaceous mafic dikes in northern Jiangxi Province, SE China and their geodynamic implications. *Acta Geologica Sinica*, 2005, 79(2): 201-210.

[8]Chen L, Yi H S, Hu R Z, Zhong H, Zou Y R. Organic geochemistry of the early Jurassic oil shale from the Shuanghu area in northern Tibet and the early Toarcian oceanic anoxic event. *Acta Geologica Sinica*, 2005, 79(3): 392-397.

[9]谢桂青,毛景文,胡瑞忠,李瑞玲,曹建劲.赣中早第三纪镁铁质岩石的地质地球化学及其地质意义. *岩石学报*, 2005, 21(1): 77-90.

[10]毕献武,胡瑞忠,彭建堂,吴开兴,苏文超,战新志,姚安和马厂箐富碱侵入岩体的地球化学特征. *岩石学报*, 2005, 21(1): 113-124.

[11]刘燊,胡瑞忠,赵军红,冯彩霞,钟宏,曹建劲,史丹妮.胶北晚中生代煌斑岩的岩石地球化学特征及其成因研究. *岩石学报*, 2005, 21(3): 947-958.

[12]张静,燕光谱,叶霖,李国平,李忠烈,王志光.河南内乡县银洞沟银多金属矿床碳-氢-氧同位素地球化学. *岩石学报*, 2005, 21(5): 1359-1364.

[13]Yang Y M, Tu G Z, Hu R Z, Shi X F. Sm-Nd isotopic geochronology of the Yinachang Fe-Cu-REE deposit at Wuding, Yunnan Province and its genetic significance. *Chinese Science Bulletin*, 2005, 50(18): 2090-2096.

[14]Fu Y Z, Peng J T, Qu W J, Hu R Z, Shi X F, Du A D. Os isotopic compositions of a cobalt-rich ferromanganese crust profile in central Pacific. *Chinese Science Bulletin*, 2005, 50(18): 2106-2112.

[15]Qi H W, Hu R Z, Qi L. Experimental study on the interaction between peat, lignite and germanium-bearing solution at low temperature. *Science in China (D)*, 2005, 48(9): 1411-1417.

[16]黄伟其,刘世荣.激光照射下的低温氧化生成的锗的纳米结构及其特性. *物理学报*, 2005, 54(2): 972-976.

[17]Li Z L, Hu R Z, Peng J T, Bi X W. Helium and sulfur isotopic geochemistry of Furong tin deposit in Hunan Province. *Geochimica et Cosmochimica Acta*, 2005, Suppl: A88.

[18]Shao S X, Zheng B S. Biogeochemistry of Se in Hexi Corridor, northwestern China. *Geochimica et Cosmochimica Acta*, 2005, Suppl: A802.

[19]Ye L. Origin of mineralizing fluid of Niujiaotang Cd-rich zinc deposit, Duyun, Guizhou, China. *Geochimica et Cosmochimica Acta*, 2005, Suppl: A851.

[20]Han R S, Liu X F, Ma D Y, Ma G S, Tong Z C. Fault tectono geochemistry and prognosis of concealed ores in the Tongchang Cu-Au polymetallic orefield, Shaanxi, China. *Geochimica et Cosmochimica Acta*, 2005, Suppl: A883.

[21]Zhou M F, Zhao J H, Qi L, Su W C, Hu R Z. Zircon U-Pb geochronology and elemental and Sr-Nd isotope geochemistry of Permian mafic rocks in the Funing area, SW China. *Contributions to Mineralogy and Petrology*, 2006, 151: 1-19.

[22]Song X Y, Zhou M F, Keays R R, Cao Z M, Sun M, Qi L. Geochemistry of the Emeishan flood basalts at Yangliuping, Sichuan, SW China: Implications for sulfide segregation. *Contributions to Mineralogy and Petrology*, 2006, 152: 53-74.

[23]Zhong H, Zhu W G. Geochronology of layered mafic intrusions from the Pan-Xi area in the Emeishan large igneous province, SW China. *Mineralium Deposita*, 2006, 41: 599-606.

[24]Peng J T, Zhou M F, Hu R Z, Shen N P, Yuan S D, Bi X W, Du A D, Qu W J. Precise molybdenite Re-Os and mica Ar-Ar dating of the Mesozoic Yaoganxian tungsten deposit, central Nanling district, South China. *Mineralium Deposita*, 2006, 41: 661-669.

[25]Wen H J, Carignan J, Qiu Y Z, Liu S R. Selenium speciation in Kerogen from two Chinese selenium deposits: Environmental implications. *Environmental Science & Technology*, 2006, 40: 1126-1132.

[26]Zhu W G, Zhong H, Deng H L, Wilson A H, Liu B G, Li C Y, Qin Y. SHRIMP zircon U-Pb age, geochemistry, and Nd-Sr isotopis of the Gaojiacun mafic-ultramafic intrusive complex, Southwest China. International Geology Review, 2006, 48: 650-668.

[27]Xie G Q, Hu R Z, Mao J W, Pirajno F, Li R L, Cao J J, Jiang G H, Zhao J H. K-Ar dating, geochemical and Sr-Nd-Pb isotopic systematics of late Mesozoic mafic rocks, southern Jiangxi Province, Southeast China: Petrogenesis and tectonic implications. International Geology Reviews, 2006, 48: 1023-1051.

[28]Song X Y, Zhou M F, Wang C Y, Qi L, Zhang C J. Role of crustal contamination in formation of the Jinchuan intrusion and its world-class Ni-Cu-(PGE) sulfide deposit, Northwest China. International Geology Review, 2006, 48: 1113-1132.

[29]Li Z L, Hu R Z, Peng J T, Bi X W. Helium isotope geochemistry of ore-forming fluids from Furong tin orefield in Hunan Province, China. Resource Geology, 2006, 56(1): 9-15.

[30]Zhang Q, Zhu X Q, He Y L, Jiang J J, Wang D P. Indium enrichment in the Meng'entaolegai Ag-Pb-Zn deposit, Inner Mongolia, China. Resource Geology, 2006, 56(3): 337-346.

[31]Huang Z L, Yan Z F, Xu C, Zhang Z L, Liu C Q. Mineralization by mantle fluids in the Miaoniuping REE deposit, Sichuan Province, China. Journal of Geochemical Exploration, 2006, 89: 165-169.

[32]Li X B, Huang Z L, Li W B, Zhang Z L, Yan Z F. Sulfur isotopic compositions of the Huize super-large Pb-Zn deposit, Yunnan Province, China: Implications for the source of sulfur in the ore-forming fluids. Journal of Geochemical Exploration, 2006, 89: 227-230.

[33]Zhu X Q, Zhang Q, He Y L, Zhu C H, Huang Y. Hydrothermal source rocks of the Meng'entaolegai Ag-Pb-Zn deposit in the granite batholith, Inner Mongolia, China: Constrained by isotopic geochemistry. Geochemical Journal, 2006, 40(3): 265-275.

[34]Liu S, Zou H B, Hu R Z, Zhao J H, Feng C X. Mesozoic mafic dikes from the Shandong peninsula, North China craton: Petrogenesis and tectonic implications. Geochemical Journal, 2006, 40: 181-195.

[35]Xie G Q, Mao J W, Hu R Z, Piraino F, Li R L, Cao J J. K-Ar dating, geochemical and Sr-Nd-Pb isotopic systematics of Paleocene mafic rocks in central Jiangxi, SE China: Evidence for lithosphere replacement. Geochemical Journal, 2006, 40(5): 485-500.

[36]Huang W Q, Liu S R. Self-assembled germanium nano-structures by laser-assisted oxidation. Chinese Physics, 2006, 15(2): 389-393.

[37]Zhong H, Zhu W G, Qi L, Zhou M F, Song X Y, Zhang Y. Platinum-group element (PGE) geochemistry of the Emeishan basalts in the Pan-Xi area, SW China. Chinese Science Bulletin, 2006, 51(7): 845-854.

[38]Zhu X Q, Zhang Q, He Y L, Zhu C H. Lead isotopic composition and lead source of the Huogeqi Cu-Pb-Zn deposit, Inner Mongolia, China. Acta Geologica Sinica, 2006, 80(4): 528-539.

[39]Lu H B, Zhang Y X, Zhang Q L, Xiao J F. Earthquake-related tectonic deformation of soft-sediments and its constraints on basin tectonic evolution. Acta Geologica Sinica, 2006, 80(5): 724-732.

[40]Zhu X Q, Wang Z G. Advances in geochemical research on nanometer materials. Progress in Natural Science, 2006, 16(4): 331-337.

[41]Chen L, Yi H S, Zhong H, Hu R Z, Yin J R, Yang J K. The calcareous nannofossil record and its geological significance in the Jurassic black shales from the Qiangtang basin, northern Tibetan plateau. Progress in Natural Science, 2006, 16 (Special Issue): 264-273.

[42]刘世荣, 黄伟其, 秦朝建. 氧化硅层中的锗纳米晶体团簇量子点. 物理学报, 2006, 55(5): 2488-2491.

[43]方维萱, 高珍权, 贾润幸, 黄转盈, 刘正桃, 李丰收, 徐国瑞. 东疆雅西371-西北坡铜金矿化带下石炭统火山岩地球化学特征与矿背景. 岩石学报, 2006, 22(1): 215-224.

[44]管涛, 黄智龙, 许成, 张振亮, 严再飞, 陈冕. 云南白马寨镍矿区煌斑岩⁴⁰Ar-³⁹Ar定年和地球化学研究. 岩石学报, 2006, 22(4) 873-883.

[45]刘玉平, 叶霖, 李朝阳, 宋彪, 李铁胜, 郭利果, 皮道会. 滇东南发现新元古代岩浆岩: SHRIMP锆石U-Pb年代学和岩石地球化证据. 岩石学报, 2006, 22(4): 916-926.

[46]郭利果, 刘玉平, 徐伟, 张兴春, 秦克章, 李铁胜, 石玉若. SHRIMP锆石年代学对西藏玉龙斑岩铜矿成矿年龄的制约. 岩石学报, 2006, 22(4): 1009-1016.

[47]陈兰, 钟宏, 胡瑞忠, 肖加飞, 邹艳荣. 黔北早寒武世缺氧事件: 生物标志化合物及有机碳同位素特征. 岩石学报, 2006, 22(9) 2413-2423.

[48]李文博, 黄智龙, 张冠. 云南会泽铅锌矿田成矿物质来源: Pb、S、C、H、O、Sr同位素制约. 岩石学报, 2006, 22(10): 2567-2580.

[49]朱笑青, 王中刚, 王元龙, 毕华. 新疆后造山碱性花岗岩的地质特征. 岩石学报, 2006, 22(12): 2945-2956.

[50]Bi X W, Hu R Z, Peng J T, Liu L, Wu K X, Su W C. Geochemical characteristics of the Yao'an and machangqing Alkaline-rich intrusions in the Ailaoshan-Jinshajiang belt, western Yunnan, China. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A49.

[51]Carignan J, Wen H J. Scaling NIST SRM 3149 for Se isotope analysis and isotopic variations of natural samples. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A83.

[52]Cui Y L, Huang Z L. Study on the geochemistry of meta-volcanic rocks from the Longbohe Cu deposit, Yunnan Province, China. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A121.

[53]Hu R Z, Qi H W, Bi X W, Su W C, Peng J T. Geology and geochemistry of the Lincang superlarge germanium deposit hosted in coal seams, Yunnan, China. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A269.

[54]Liu Y, Tang M. Iron isotopic fractionations between species in solution - From ab initio quantum chemistry calculation *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A367.

[55]Han R S, Xue C D, Hu Y Z, Huang Z L. Enrichment features and significances of Ag and dispersed elements in the Huize carbonate-hosted Zn-Pb-(Ag-Ge) district, Yunnan, China. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A544.

[56]Shang L B, Hu R Z, Fan W L. An experimental study on the solubility of copper bichloride in water vapor. *Geochimica et Cosmochimica Acta*, 2006, 70(18), Suppl: A575.

[57]Zhong H, Zhu W G, Chu Z Y, He D F, Song X Y. SHRIMP U-Pb zircon geochronology, geochemistry, and Nd-Sr isotopic study of contrasting granites in the Emeishan large igneous province, SW China. *Chemical Geology*, 2007, 236: 112-133.

[58]Carignan J, Wen H J. Scaling NIST SRM 3149 for Se isotope analysis and isotopic variations of natural samples. *Chemical Geology*, 2007, 242: 347-350.

[59]Xu L, Lin Y T, Shen W J, Qi L, Xie L W, Ouyang, Z Y. Platinum-group elements of the Meishan Permian-Triassic boundary section: Evidence for flood basaltic volcanism. *Chemical Geology*, 2007, 246: 55-64.

[60]Tao Y, Li C S, Hu R Z, Ripley E M, Du A D, Zhong H. Petrogenesis of the Pt-Pd mineralized Jinbaoshan ultramafic intrusion in the Permian Emeishan large igneous province, SW China. *Contributions to Mineralogy and Petrology*, 2007, 153: 321-337.

[61]Wen H J, Carignan J. Reviews on atmospheric selenium: Emissions, speciation and fate. *Atmospheric Environment*, 2007, 41: 7151-7165.

[62]Xu C, Campbell I H, Allen C M, Huang Z L, Qi L, Zhang H, Zhang C S. Flat rare earth element patterns as an indicator cumulate processes in the Lesser Qinling carbonatites, China. *Lithos*, 2007, 95: 267-278.

[63]Li Z L, Hu R Z, Yang J S, Peng J T, Li X M, Bi X W. He, Pb and S isotopic constraints on the relationship between the A

[64]Zhu W G, Zhong H, Li X H, Liu B G, Deng H L, Qin Y. 40Ar-39Ar age, geochemistry and Sr-Nd-Pb isotopes of the Neoproterozoic Lengshuiqing Cu-Ni sulfide-bearing mafic-ultramafic complex, SW China. *Precambrian Research*, 2007, 155: 98-124.

[65]Qi H W, Hu R Z, Zhang Q. Concentration and distribution of trace elements in lignite from the Shengli coalfield, Inner Mongolia, China: Implications on origin of the associated Wulantuga germanium deposit. *International Journal of Coal Geology*, 2007, 71: 129-152.

[66]Qi H W, Hu R Z, Zhang Q. REE geochemistry of the Cretaceous lignite from Wulantuga germanium deposit, Inner Mongolia, northeastern China. *International Journal of Coal Geology*, 2007, 71: 329-344.

[67]Li W B, Huang Z L, Yin M D. Dating of the giant Huize Zn-Pb ore field of Yunnan Province, Southwest China: Constraint from the Sm-Nd system in hydrothermal calcite. *Resource Geology*, 2007, 57(1): 90-97.

[68]Li W B, Huang Z L, Yin M D. Isotope geochemistry of the Huize Zn-Pb ore field, Yunnan Province, southwestern China Implication for the sources of ore fluid and metals. *Geochemical Journal*, 2007, 41: 65-81.

[69]Qi L, Zhou M F, Wang C Y, Sun M. Evaluation of a technique for determining Re and PGEs in geological samples by ICP-MS coupled with a modified Carius tube digestion. *Geochemical Journal*, 2007, 41: 407-414.

[70]Peng L M, Huo H, Liu Y, Grey C P. ^{17}O magic angle spinning NMR studies of Brønsted acid sites in zeolites HY and HZSM-5. *Journal of the American Chemical Society*, 2007, 129: 335-346.

[71]Zhao J H, Hu R Z, Zhou M F, Liu S. Elemental and Sr-Nd-Pb isotopic geochemistry of Mesozoic mafic intrusions in southern Fujian Province, SE China: Implications for lithospheric mantle evolution. *Geological Magazine*, 2007, 144(6): 937-952.

[72]Xu C, Huang Z L, Qi L, Fu P Q, Liu C Q, Li E D, Guan T. Geochemistry of Cretaceous granites from Mianning in the Panxi region, Sichuan Province, southwestern China: Implications for their generation. *Journal of Asian Earth Sciences*, 2007, 29: 737-750.

[73]Gu X X, Schulz O, Vavtar F, Liu J M, Zheng M H, Fu S H. Rare earth element geochemistry of the Woxi W-Sb-Au deposit, Hunan Province, South China. *Ore Geology Reviews*, 2007, 31: 319-336.

[74]Han R S, Liu C Q, Huang Z L, Chen J, Ma D Y, Lei L, Ma G S. Geological features and origin of the Huize carbonate-hosted Zn-Pb-(Ag) district, Yunnan, South China. *Ore Geology Reviews*, 2007, 31: 360-383.

[75]Zhu B Q, Hu Y G, Zhang Z W, Cui X J, Dai T M, Chen G H, Peng J H, Sun Y G, Liu D H, Chang X Y. Geochemistry and geochronology of native copper mineralization related to the Emeishan flood basalts, Yunnan Province, China. *Ore Geology Reviews*, 2007, 32: 366-380.

[76]Chen D F, Liu Q, Zhang Z W, Cathles L M, Roberts H H. Biogenic fabrics in seep carbonates from an active gas vent site in Green Canyon Block 238, Gulf of Mexico. *Marine and Petroleum Geology*, 2007, 24: 313-320.

[77]Yu Y M, Zhu Y X, Gao Z M, Gammons C H, Li D X. Rates of arsenopyrite oxidation by oxygen and Fe(III) at pH 1.8-12.6 and 15-45°C. *Environmental Science and Technology*, 2007, 41: 6460-6464.

[78]Shang L B, Bi X W, Hu R Z, Fan W L. An experimental study on the solubility of copper bichloride in water vapor. *Chinese Science Bulletin*, 2007, 52(3): 395-400.

[79]Wen H J, Carignan J, Hu R Z, Fan H F, Chang B, Yang G S. Large selenium isotopic variations and its implication in the Yutangba Se deposit, Hubei Province, China. *Chinese Science Bulletin*, 2007, 52(17): 2443-2447.

[80]Zhang Z, Zhang B G, Hu J, Yao L B, Tian Y F. A Preliminary discussion on the bio-metallogenesis of Ti deposits in the low-temperature minerogenetic province of southwestern China. *Science in China (D)*, 2007, 50(3): 359-370.

[81]Yuan S D, Peng J T, Shen N P, Hu R Z, Dai T M. 40Ar-39Ar age isotopic dating of the Xianghualing Sn-polymetallic

[82]Li W B, Huang Z L, Qi L. REE geochemistry of sulfides from the Huize Zn-Pb ore field, Yunnan Province: Implication for the sources or ore-forming metals. *Acta Geologica Sinica*, 2007, 81(3): 442-449.

[83]Zhang Q, Zhu X Q, He Y L, Zhu C H. In, Sn, Pb and Zn contents and their relationships in ore-forming fluids from some In-rich and In-poor deposits in China. *Acta Geologica Sinica*, 2007, 81(3): 450-462.

[84]Huang Z L, Xu C, McCraig A, Liu C Q, Wu J, Xu D R, Li W B, Guan T, Xiao H Y. REE geochemistry of fluorite from the Maoniuping REE deposit, Sichuan Province, China: Implications for the source of ore-forming fluids. *Acta Geological Sinica*, 2007, 81(4): 622-636.

[85]Huang W Q, Liu S R, Xu L, Wu K Y, Qin C J, Cai S H. Low-dimensional structures formed by irradiation of laser. *Chinese Physics*, 2007, 16(3): 725-729.

[86]Qin C J, Qiu Y Z, Zhuo G F, Wang Z Gg, Zhang T R, Xiao G W. Fluid inclusion study of carbonatite dykes/veins and ore hosted dolostone at the Bayan Obo ore deposit. *岩石学报*, 2007, 23(1): 161-168.

[87]张贵山, 温汉捷, 胡瑞忠, 裴渝卓, 许成. 闽东南基性岩脉成因及动力学背景研究: Sr-Nd同位素、元素地球化学. *岩石学报*, 2007, 23(4): 793-804.

[88]刘玉平, 李正祥, 李惠民, 郭利果, 徐伟, 叶霖, 李朝阳, 皮道会. 都龙锡锌矿床锡石和锆石U-Pb年代学: 滇东南白垩纪大规模花岗岩成岩-成矿事件. *岩石学报*, 2007, 23(5): 967-976.

[89]陈衍景, 倪培, 范宏瑞, Pirajno F, 赖勇, 苏文超, 张辉. 不同类型热液金矿系统的流体包裹体特征. *岩石学报*, 2007, 23(9): 2085-2108.

[90]王巧云, 胡瑞忠, 彭建堂, 毕献武, 武丽艳, 刘华, 苏本勋. 湖南瑶岗仙钨矿床流体包裹体特征及其意义. *岩石学报*, 2007, 23(9): 2263-2273.

[91]顾雪祥, 李葆华, 徐仕海, 付绍洪, 董树义. 贵州石头寨二叠系古油藏油气成藏期分析: 流体包裹体与Sm-Nd同位素制约. *岩石学报*, 2007, 23(9): 2279-2286.

[92]李士彬, 宋谢炎, 胡瑞忠, 陈列锰, 聂晓勇. 甘肃金川II号岩体岩相学特征及分离结晶过程探讨. *岩石学报*, 2007, 23(10): 2553-2560.

[93]李鸿莉, 毕献武. 芙蓉锡矿田骑田岭花岗岩黑云母矿物化学及其对锡成矿的指示意义. *岩石学报*, 2007, 23(10): 2605-2614.

[94]陶琰, 胡瑞忠, 漆亮, 罗泰义. 四川力马河镁铁-超镁铁质岩体的地球化学特征及成岩成矿分析. *岩石学报*, 2007, 23(11): 2785-2800.

[95]Fang W X, Yang S F, Liu Z T, Wei X L, Zhang B C. Geochemical characteristics and significance of major elements, trace elements and REE in mineralized altered rocks of large-scale Tsagaan Suvarga Cu-Mo porphyry deposit in Mongolia. *Journal of Rare Earths*, 2007, 25: 759-769.

[96]Feng C X, Liu J J, Hu R Z, Liu S. Geochemical characteristics of selenium-rich silicalite formation in Ziyang, southern Qinling, China. *Geochimica et Cosmochimica Acta*, 2007, 71(15): A271.

[97]Hu R Z, Qi H W, Zhou M F, Su W C, Bi X W, Peng J T. Geological and geochemical constraints on the origin of the giant Lincang coal seam-hosted germanium deposit, Yunnan, SW China. *Geochimica et Cosmochimica Acta*, 2007, 71(15): A421.

[98]Li B, Huang Z L, Zhu C M. Experimental study on liquid immiscibility of lamprophyre - sulfide melt at high temperature and high pressure. *Geochimica et Cosmochimica Acta*, 2007, 71(15): A568.

[99]Liu S, Hu R Z, Feng C X, Qi L, Xiao T F, Zhong H. Mesozoic magmatic activities of western Shandong (Luxi), China. *Geochimica et Cosmochimica Acta*, 2007, 71(15): A591.

[100]Tang M, Liu Y. Re-evaluation of the equilibrium Fe isotope fractionation between $\text{Fe}^{3+}/(\text{H}_2\text{O})_6$ and $\text{Fe}^{2+}/(\text{H}_2\text{O})_6$ in aqueous solution. *Geochimica et Cosmochimica Acta*, 2007, 71(15): A1000.

[101]Wen H J, Carignan J. Se isotopic variations in black shales of the Yutangba Se deposit. China, *Geochimica et Cosmochimica Acta*, 2007, 71(15): A1100.

[102]Hu R Z, Bi X W, Zhou M F, Peng J T, Su W C, Liu S, Qi H W. Uranium metallogenesis in South China and its relationship to crustal extension during the Cretaceous to Tertiary. *Economic Geology*, 2008, 103: 583-598.

[103]Qi L, Zhou M F. Platinum-group elemental and Sr-Nd-Os isotopic geochemistry of Permian Emeishan flood basalts in Guizhou Province, SW China. *Chemical Geology*, 2008, 248: 83-103.

[104]Song X Y, Zhou M F, Tao Y, Xiao J F. Controls on the metal compositions of magmatic sulfide deposits in the Emeishan large igneous province, SW China. *Chemical Geology*, 2008, 253: 38-49.

[105]Liu S, Hu R Z, Gao S, Feng C X, Qi L, Zhong H, Xiao T F, Qi Y Q, Wang T, Coulson I M. Zircon U-Pb geochronology as major, trace elemental and Sr-Nd-Pb isotopic geochemistry of mafic dykes in western Shandong Province, East China: Constraints on their petrogenesis and geodynamic significance. *Chemical Geology*, 2008, 255: 329-345.

[106]Zhu W G, Zhong H, Li X H, Deng H L, He D F, Wu K W, Bai Z J. SHRIMP zircon U-Pb geochronology, elemental, and Nd isotopic geochemistry of the Neoproterozoic mafic dykes in the Yanbian area, SW China. *Precambrian Research*, 2008, 164: 66-85.

[107]Qi L, Zhou M F. Determination of platinum group elements in OPY-1: Comparison of results using different digestion techniques. *Geostandards and Geoanalytical Research*, 2008, 32: 377-387.

[108]Song X Y, Qi H W, Robinson P T, Zhou M F, Cao Z M, Chen L M. Melting of the subcontinental lithospheric mantle by the Emeishan mantle plume: evidence from the basal alkaline basalts in Dongchuan, Yunnan, Southwestern China. *Lithos*, 2008, 100: 93-111.

[109]Xu C, Campbell I H, Allen C M, Chen Y J, Huang Z L, Qi L, Zhang G S, Yan Z F. U-Pb zircon age, geochemical and isotopic characteristics of carbonatite and syenite complexes from the Shaxiongdong, China. *Lithos*, 2008, 105: 118-128.

[110]Xu C, Qi L, Huang Z L, Chen Y J, Yu X H, Wang L J, Li E D. Abundances and significance of platinum group element in carbonatites from China. *Lithos*, 2008, 105: 201-207.

[111]Xu C, Campbell I H, Kynicky J, Allen C M, Chen Y J, Huang Z L, Qi L. Comparison of the Daluxiang and Maoniuping carbonatitic REE deposits with Bayan Obo REE deposit, China. *Lithos*, 2008, 106: 12-24.

[112]Qi L, Wang C Y, Zhou M F. Controls on the PGE distribution of Permian Emeishan alkaline and peralkaline volcanic rocks in Longzhoushan, Sichuan Province, SW China. *Lithos*, 2008, 106: 222-236.

[113]Liu S, Hu R Z, Gao S, Feng C X, Qi Y Q, Wang T, Feng G Y, Coulson I M. U-Pb zircon age, geochemical and Sr-Nd-Hf isotopic constraints on age and origin of alkaline intrusions and associated mafic dikes from Sulu orogenic belt, Eastern China. *Lithos*, 2008, 106: 365-379.

[114]Yuan S D, Peng J T, Hu R Z, Li H M, Shen N P, Zhang D L. A precise U-Pb age on cassiterite from the Xianghualing tin-polymetallic deposit (Hunan, South China). *Mineralium Deposit*, 2008, 43: 375-382.

[115]Tao Y, Li C S, Song X Y, Ripley E M. Mineralogical, petrological, and geochemical studies of the Limahe mafic-ultramatic intrusion and associated Ni-Cu sulfide ores, SW China.. *Mineralium Deposita*, 2008, 43: 849-872.

[116]Lin Y T, Qi L, Wang G Q, Xu L. Bulk chemical composition of lherzolitic shergottite Grove Mountains 99027 – Constraints on the mantle of Mars. *Meteoritics & Planetary Science*, 2008, 43(7): 1179-1187.

[117]Su W C, Xia B, Zhang H T, Zhang X C, Hu R Z. Visible gold in arsenian pyrite at the Shuiyindong Carlin-type gold deposit, Guizhou, China: Implications for the environment and processes of ore formation. *Ore Geology Reviews*, 2008, 33: 667-679.

[118]Liu S, Hu R Z, Gao S, Feng C X, Zhong H, Qi Y Q, Wang T, Qi L, Feng G Y. K-Ar ages, geochemical and Sr-Nd isotop compositions of the adakitic volcanic rocks in western Shandong Province, Eastern China: Foundering of the lower continental crust. *International Geology Review*, 2008, 50: 763-779.

[119]Qi L, Gao J F. Revisiting platinum group elements of late Permian coals from western Guizhou Province, SW China. International Journal of Coal Geology, 2008, 75: 189-193.

[120]Hu X Y, Bi X W, Hu R Z, Shang L B, Fan W L. Experimental study on tin partition between granitic silicate melt and coexisting aqueous fluid. Geochemical Journal, 2008, 42(2): 141-150.

[121]Shao S X, Zheng B S. The biogeochemistry of selenium in Sunan grassland, Gansu, Northwest China, casts doubt on the belief that Marco Polo reported selenosis for the first time in history. Environ Geochem Health, 2008, 30: 307-314.

[122]Liu S, Hu R Z, Feng C X, Zou H B, Li C, Chi X G, Peng J T, Zhong H, Qi L, Qi Y Q, Wang T. Cenozoic high Sr/Y volcanic rocks in the Qiangtang terrane, northern Tibet: Geochemical and isotopic evidence for the origin of delaminated lower continental melts. Geological Magazine, 2008, 145(4): 463-474.

[123]Li C S, Ripley E M, Tao Y, Mathez E A. Cr-spinel/olivine and Cr-spinel/liquid nickel partition coefficients from natural samples. Geochimica et Cosmochimica Acta, 2008, 72: 1678-1684.

[124]Huang W Q, Jin F, Wang H X, Li X, Wu K Y, Liu S R, Qin C J. Stimulated emission from trap electronic states in oxide of nanocrystal Si. Applied Physics Letters, 2008, 92: 221910-1-3.

[125]Huang W Q, Liu S R, Jin F, Wang H X, Qin S J. Response to comment on stimulated emission from trap electronic states in oxide of nanocrystal Si. Applied Physics Letters, 2008, 93: 066102-1.

[126]Zhou M F, Yan D P, Vasconcelos P M, Li J W, Hu R Z. Structural and geochronological constraints on the tectono-thermal evolution of the Danba domal terrane, eastern margin of the Tibetan plateau. Journal of Asian Earth Sciences, 2008, 33: 414-427.

[127]Huang W Q, Zhang R T, Wang H X, Jin F, Xu L, Qin S J, Wu K Y, Liu S R, Qin C J. Laser on porous silicon after oxidation by irradiation and annealing. Optics Communications, 2008, 281: 5229-5233.

[128]Zhu C H, Zhang Q, Shao S X, Zhu X Q, Wang D P. Lead isotopic composition and lead source in the Bainiuchang Ag polymetallic deposit, Yunnan Province, China. Acta Geologica Sinica, 2008, 82(4): 845-857.

[129]Fang W X, Hu R Z, Su W C, Xiao J F. Emplacement ages and geochemical characteristics of grabbroic intrusions and prospecting orientation of related deposit in Luodian, Guizhou Province. Acta Geologica Sinica, 2008, 82(4): 864-874.

[130]Fan H F, Wen H J, Zhang G S, Hu R Z. Selenium and sulfur systematics of mafic dykes in western Fujian Province, Southern China. Acta Geologica Sinica, 2008, 82(4): 884-895.

[131]Huang W Q, Xu L, Wang H X, Jin F, Wu K Y, Liu S R, Qin C J, Qin S J. Stimulated photoluminescence emission and trap states in Si/SiO₂ interface formed by irradiation of laser. Chinese Physics B, 2008, 17(5): 1817-1820.

[132]Zhou M Z, Luo T Y, Li Z X, Zhao H, Long H S, Yang Y. SHRIMP U-Pb zircon age of tuff at the bottom of the lower Cambrian Niutitang formation, Zunyi, South China. Chinese Science Bulletin, 2008, 53(4): 576-583.

[133]Feng D, Chen D F, Qi L, Harry H R. Petrographic and geochemical characterization of seep carbonate from Alamino Canyon, Gulf of Mexico. Chinese Science Bulletin, 2008, 53(11): 1716-1724.

[134]Sun Y, Lu X C, Zhang X H, Liu H, Lin A M. Nano-texture of penetrative foliation in metamorphic rocks. Science in China (D), 2008, 51(12): 1750-1758.

[135]赵劲松, 夏斌, 丘学林, 赵斌, 许德如, 冯佐海, 李兆麟, 沈敢富, 胡瑞忠, 苏文超, 秦朝建, 秦伟民, 符贤, 胡志高. 海南岛石碌矽岩铁矿石中石榴子石的熔融包裹体及其意义. 岩石学报, 2008, 24(1): 149-160.

[136]王守旭, 张兴春, 冷成彪, 秦朝建, 王外全, 赵茂春. 中甸红山夕卡岩铜矿稳定同位素特征及其对成矿过程的指示. 岩石学报, 2008, 24(3): 480-488.

[137]冷成彪, 张兴春, 秦朝建, 王守旭, 任涛, 王外全. 滇西北雪鸡坪斑岩铜矿流体包裹体初步研究. 岩石学报, 2008, 24(9): 2017-2028.

[138]吴孔文, 钟宏, 朱维光, 冷成彪, 荀体忠. 云南大红山层状铜矿床成矿流体研究. 岩石学报, 2008, 24(9): 2045-2057.

[139]秦朝建, 裴渝卓, 温汉捷, 许成. 四川牦牛坪稀土矿床成因研究—来自包裹体的证据. 岩石学报, 2008, 24(9): 2155-2162.

[140]王守旭, 张兴春, 冷成彪, 秦朝建, 马德云, 王外全. 滇西北普朗斑岩铜矿锆石离子探针U-Pb年龄: 成矿时限及地质意义. 岩石学报, 2008, 24(10): 2313-2321.

[141]Bi X W, Hu R Z, Peng J T, Li G L, Hu X Y. REE and HFSE geochemical characteristics of pyrites in Yao'an gold deposit in western Yunnan, China: Tracing ore forming fluid signatures. *Geochimica et Cosmochimica Acta*, 2008, 72(12): A81.

[142]Li X F, Liu Y. Theoretical determination of some important Ge isotope fractionations. *Geochimica et Cosmochimica Acta*, 2008, 72(12): A548.

[143]Liu Y. Theoretical study on the mechanism of the removal of Mo from seawater in oxic environment. *Geochimica et Cosmochimica Acta*, 2008, 72(12): A564.

[144]Tang M, Liu Y. Equilibrium Fe isotope fractionations in solutions. *Geochimica et Cosmochimica Acta*, 2008, 72(12): A931.

[145]Wen H J, Carignan J. Isotopic composition from six Mo reference solutions measured by MC-ICP-M. *Geochimica et Cosmochimica Acta*, 2008, 72(12): A1014.

[146]Song X Y, Keays R R, Zhou M F, Qi L, Ihlenfeld C, Xiao J F. Siderophile and chalcophile elemental constraints on the origin of the Jinchuan Ni-Cu-(PGE) sulfide deposit, NW China. *Geochimica et Cosmochimica Acta*, 2009, 73: 404-424.

[147]Shang L B, Chou I M, Lu W J, Burruss R C, Zhang Y X. Determination of diffusion coefficients of hydrogen in fused silica between 296 and 523K by Raman spectroscopy and application of fused silica capillaries in studying redox reactions. *Geochimica et Cosmochimica Acta*, 2009, 73: 5435-5443.

[148]Li X F, Zhao H, Tang M, Liu Y. Theoretical prediction for several important equilibrium Ge isotope fractionation factor and geological implications. *Earth and Planetary Science Letters*, 2009, 287(1-2): 1-11.

[149]Zhao J H, Zhou M F. Secular evolution of the Neoproterozoic lithospheric mantle underneath the northern margin of the Yangtze block, South China. *Lithos*, 2009, 107: 152-168.

[150]Zhong H, Zhu W G, Hu R Z, Xie L W, He D F, Liu F, Chu Z Y. Zircon U-Pb age and Sr-Nd-Hf isotope geochemistry of the Panzhihua A-type syenitic intrusion in the Emeishan large igneous province, southwest China and implications for growth of juvenile crust. *Lithos*, 2009, 110: 109-128.

[151]Liu S, Hu R Z, Gao S, Feng C X, Yu B B, Feng G Y, Qi Y Q, Wang T, Coulson I M. Petrogenesis of late Mesozoic mafic dykes in the Jiaodong peninsula, eastern North China craton and implications for the foundering of lower crust. *Lithos*, 2009, 113: 621-639.

[152]Su W C, Hu R Z, Xia B, Xia Y, Liu Y P. Calcite Sm-Nd age of the Shuiyindong Carlin-type gold deposit, Guizhou, China. *Chemical Geology*, 2009, 258: 269-274.

[153]Song X Y, Keays R R, Xiao L, Qi H W, Ihlenfeld C. Platinum-group element geochemistry of the continental flood basalts in the central Emeishan large igneous province, SW China. *Chemical Geology*, 2009, 262: 246-261.

[154]Hu R Z, Burnard P G, Bi X W, Zhou M F, Peng J T, Su W C, Zhao J H. Mantle-derived gaseous components in ore-forming fluids of the Xiangshan uranium deposit, Jiangxi Province, China: Evidence from He, Ar and C isotopes. *Chemical Geology*, 2009, 266: 86-95.

[155]Wang Y J, Zhao G C, Xia X P, Zhang Y H, Fan W M, Li C, Bi X W, Li S Z. Early Mesozoic unroofing pattern of the Dabie mountains (China): Constraints from the U-Pb detrital zircon geochronology and Si-in-white mica analysis of synorogenic sediments in the Jianghan basin. *Chemical Geology*, 2009, 266: 231-241.

[156]Su W C, Heinrich C A, Petteke T, Zhang X C, Hu R Z, Xia B. Sediment-hosted gold deposits in Guizhou, China: Products of wall-rock sulfidation by deep crustal fluids. *Economic Geology*, 2009, 104: 73-93.

[158]Bi X W, Hu R Z, Hanley J J, Mungall J E, Peng J T, Shang L B, Wu K X, Suang Y, Li H L, Hu X Y. Crystallisation conditions (T, P, fO₂) from mineral chemistry of Cu- and Au-mineralised alkaline intrusions in the Red River-Jinshajiang alkaline igneous belt, western Yunnan Province, China. *Mineralogy and Petrology*, 2009, 96(1-2): 43-58.

[159]Hu R Z; Qi H W, Zhou M F, Su W C, Bi X W, Peng J T, Zhong H. Geological and geochemical constraints on the origin of the giant Lincang coal seam-hosted germanium deposit, Yunnan, SW China: A review. *Ore Geology Reviews*, 2009, 36(1-3): 221-234.

[160]Liu S, Hu R Z, Gao S, Feng C X, Yu B B, Qi Y Q, Wang T, Feng G Y, Coulson I M. Zircon U-Pb age, geochemistry and Sr-Nd-Pb isotopic compositions of adakitic volcanic rocks from Jiaodong, Shandong Province, eastern China: Constraints on petrogenesis and implications. *Journal of Asian Earth Sciences*, 2009, 35: 445-458.

[161]Yu S Y, Xu Y G, Huang X L, Ma J L, Ge W C. Hf-Nd isotopic decoupling in continental mantle lithosphere beneath Northeast China: Effects of pervasive mantle metasomatism. *Journal of Asian Earth Sciences*, 2009, 35: 554-570.

[162]Liu S, Hu R Z, Gao S, Feng C X, Huang Z L, Lai S C, Yuan H L, Liu X M, Coulson I M, Feng G Y, Wang T, Qi Y Q. U - P zircon, geochemical and Sr - Nd - Hf isotopic constraints on the age and origin of early Palaeozoic I-type granite from the Tengchong-Baoshan block, western Yunnan Province, SW China. *Journal of Asian Earth Sciences*, 2009, 36: 168-182.

[163]Cao J J, Hu R Z, Liang Z R, Peng Z L. TEM observation of geogas-carried particles from the Changkeng concealed gold deposit, Guangdong Province, South China. *Journal of Geochemical Exploration*, 2009, 101(3): 247-253.

[164]Wen H J, Carignan J. Ocean to continent transfer of atmospheric Se as revealed by epiphytic lichens. *Environmental Pollution*, 2009, 157: 2790-2797.

[165]Guo L G, Liu Y P, Li C Y, Xu W, Ye L. SHRIMP zircon U-Pb geochronology and lithogeochemistry of Caledonian granites from the Laojunshan area, southeastern Yunnan Province, China: Implications for the collision between the Yangtze and Cathaysia blocks. *Geochemical Journal*, 2009, 43(2): 101-122.

[166]Liu S, Hu R Z, Gao S, Feng C X, Zhong H, Qi Y Q, Wang T, Feng G Y, Yang Y H. U-Pb zircon ages, geochemical and Sr-Nd-Pb isotopic constraints on the dating and origin of intrusive complexes in the Sulu orogen, eastern China. *International Geology Review*, 2009, 1-23.

[167]Zhang Z W, Yang X Y, Dong Y, Zhu B Q, Chen D F. Molybdenum deposits in the eastern Qinling, central China: constraints on the geodynamics. *International Geology Reviews*. First published on: 18 June 2009. <http://www.informaworld.com/10.1080/00206810903053902>.

[168]Tao Y, Ma Y S, Miao L C, Zhu F L. SHRIMP U-Pb zircon age of the Jinbaoshan ultramafic intrusion, Yunnan Province, SW China. *Chinese Science Bulletin*, 2009, 54(1): 168-172.

[169]Hu X Y, Bi X W, Shang L B, Hu R Z, Cai G S, Chen Y W. An experimental study of tin partition between melt and aqueous fluid in F/Cl-coexisting magma. *Chinese Science Bulletin*, 2009, 54(6): 1087-1097.

[170]Wen H J, Zhang Y X, Fan H F, Hu R Z. Mo isotopes in the lower Cambrian formation of southern China and its implications on paleo-oceanenvironment. *Chinese Science Bulletin*, 54(24): 4756-4762.

[171]Jiang S Y, Pi D H, Heubeck C, Frimmel H, Liu Y P, Deng H L, Ling H F, Yang J H. Early Cambrian ocean anoxia in South China. *Nature*, 459: E5-E6.

[172]Cao J J, Hu R Z, Liu S, Xie Q Q. Geochronology and geochemistry of mafic dikes from Hainan island and tectonic implications. *Acta Geologica Sinica*, 2009, 83(6): 1064-1073.

[173]许成, 宋文磊, 漆亮, 王林均. 黄龙铺钼矿田含矿碳酸岩地球化学特征及其形成构造背景. *岩石学报*, 2009, 25(2): 422-430.

[174]杨向荣, 彭建堂, 胡瑞忠, 戚华文, 刘燊. 新疆塔里木盆地西南缘塔木铅锌矿床矿石管状构造特征与成因. *岩石学报*, 2009, 25(4): 977-983.

[175]曹建劲, 胡瑞忠, 谢桂青, 刘燊. 广东沿海地区基性岩脉地球化学及成因. 岩石学报, 2009, 25(4): 984-1000.

[176]马言胜, 陶琰, 钟宏, 朱飞霖, 王兴阵. 四川阿布郎当超镁铁质侵入体成岩机制的地球化学约束. 岩石学报, 2009, 25(5): 1140-1158.

[177]冯彩霞, 刘家军, 刘燊, 胡瑞忠, 池国祥. 渔塘坝富矽硅质岩成因及沉积环境探讨: 硅、氧、碳和硫同位素证据. 岩石学报, 2009, 25(5): 1253-1259.

[178]双燕, 毕献武, 胡瑞忠, 彭建堂, 苏文超, 朱长生. 湖南芙蓉锡多金属矿床成矿流体地球化学. 岩石学报, 2009, 25(10): 2588-2600.

[179]叶霖, 程增涛, 陆丽娜, 高伟, 潘自平. 陕南勉略宁地区铜厂闪长岩地球化学及SHRIMP锆石U-Pb同位素年代学. 岩石学报, 2009, 25(11): 2866-2876.

[180]刘燊, 胡瑞忠, 冯彩霞, 冯光英, 于晓飞, 李才, 贾大成, 齐有强, 王涛. 吉林东部大蒲柴河adakites锆石U-Pb年龄、Hf同位素特征及其意义. 岩石学报, 2009, 25(12): 3153-3164.

[181]陈列锰, 宋谢炎, Danyushevsky L V, 肖加飞, 李士彬, 官建祥. 金川I号岩体橄榄石Ni-MgO相互关系及其地质意义. 岩石学报, 2009, 25(12): 3369-3378.

[182]高亚林, 汤中立, 宋谢炎, 田毓龙, 孟远志. 金川铜镍矿床隐伏富铜矿体成因研究及其深部找矿意义. 岩石学报, 2009, 25(12): 3379-3395.

[183]黄伟其, 王晓允, 张荣涛, 于示强, 秦朝建. 多孔硅量子点中的电子局域态. 物理学报, 2009, 58(7): 4652-4658.

[184]张羽旭, 温汉捷, 樊海峰. 地质样品中Mo同位素测定的前处理方法研究. 分析化学, 2009, 37(2): 216-220.

[185]Burnard P, Hu R Z. Distinguishing nucleogenic from mantle derived He-3 in a 120 Ma uranium deposit. Geochimica et Cosmochimica Acta, 2009, 73(13): A177.

[186]Li X F, Liu Y. The sinks of light Ge isotopes in global Ge cycling. Geochimica et Cosmochimica Acta, 2009, 73(13): A759.

[187]Liu Q, Liu Y. Common mistakes of using Urey model on equilibrium stable isotope fractionation calculations. Geochimica et Cosmochimica Acta, 2009, 73(13): A779.

[188]Liu Y, Cao X B. Re-thinking of the isotope mass-independent fractionation (MIF) definition. Geochimica et Cosmochimica Acta, 2009, 73(13): A784.

[189]Tang M, Liu Y. The equilibrium Mo isotope fractionations between (Fe, Mn)-oxyhydroxides and Mo species in aqueous solutions. Geochimica et Cosmochimica Acta, 2009, 73(13): A1312.

[190]Zhang S T, Liu Y. The molecular level dissolution mechanisms of quartz under different pH conditions. Geochimica et Cosmochimica Acta, 2009, 73(13): A1510.

[191]Qi Liu, John A. Tossell, Yun Liu. On the proper use of the Bigeleisen-Mayer equation and corrections to it in the calculation of isotopic fractionation equilibrium constants. Geochimica et Cosmochimica Acta, 2010, 74: 6965-6983.

[192]Songyue Yu, Yigang Xu, Jinlong Ma, Yongfei Zheng, Yongsheng Kuang, Lubing Hong, Wenchun Ge, Laixi Tong. Remnants of oceanic lower crust in the subcontinental lithospheric mantle: Trace element and Sr-Nd-O isotope evidence from aluminous garnet pyroxenite xenoliths from Jiaohe, Northeast China. Earth and Planetary Science Letters, 2010, 297: 413-422.