

当前位置: 首页 >> 研究队伍

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简历:

(学历)  
 1978年2月至1982年2月, 南京大学地球科学系, 岩石矿物地球化学, 学士  
 1982年2月至1984年12月, 中国科学院地球化学研究所, 矿床地球化学, 硕士  
 1988年4月至1991年4月, 日本东京大学理学部化学系, 微量元素和同位素地球化学, 博士  
 (工作和学术经历)  
 1984年12月至1986年4月, 中国科学院地球化学研究所, 助理研究员  
 1986年5月至1987年4月, 日本理化学研究所访问学者, 访问学者  
 1991年4月至1994年4月, 日本科学技术厅理化学研究所, 基础科学特别研究员  
 1994年4月至1996年10月, 日本国立电气通信大学化学系, 副教授  
 1994年10月至1997年6月, 中国科学院地球物理研究所, 中国科学院94年"百人计划"人选  
 1997年1月至1999年12月, 中国科学院地球化学研究所, 获国家杰出青年科学基金  
 1993年11月至今, 中国科学院地球化学研究所, 研究员, 博导  
 1997年6月至2009年9月, 中国科学院地球化学研究所, 所长  
 1998年4月至2000年4月, 中国科学院地球化学研究所, 国家攀登计划项目首席科学家  
 2006年10月至今, 中国科学院地球化学研究所, 国家973计划项目首席科学家  
 2011年11月至今, 环境地球化学国家重点实验室学术委员会主任  
 2011年12月至今, 中国科学院院士  
 2013年2月至今, 国家自然科学基金委员会副主任

研究方向:

主要从事地表(无机、有机和生物)地球化学过程、物质循环及其生态环境效应的研究; 环境和生态系统的变化与(自然或人类活动干预下)地表各圈层内及相互之间物质的生物地球化学循环密切相关。针对这一核心科学问题, 在结合其它学科理论和研究方法的基础上, 充分利用元素和多种同位素地球化学示踪和化学计量学理论和方法, 主要对我国西南喀斯特生态系统中岩石-土壤-植物-水-大气界面生物地球化学过程和流域物质循环开展研究。

承担科研项目情况:

- 1、1995年1月中国科学院“百人计划”项目: 地质流体作用地球化学—水/岩作用的为凉元素和同位素地球化学研究
- 2、1998年4月作为首席科学家启动、主持国家攀登预选项目(95-预-39): 地质流体作用及其成矿效应研究
- 3、1997年1月国家杰出青年科学家基金项目: 流体/岩石反应体系中的微量元素地球化学
- 4、2000年8月作为首席科学家启动中国科学院重要方向创新项目“西南乌江流域物质的水文地球化学循环及其环境效应”
- 5、2004年11月作为首席科学家启动中国科学院重要方向创新项目“喀斯特典型小流域土壤—植被系统生源要素的生物地球化学循环及其生态环境效应”

专家类别:

中国科学院院士/贵州省省管专家专家(第一批)/国家百千万人才工程专家/获国家杰出青年科学基金专家/享受政府特殊津贴专家/中国科学院百人计划入选者

职务:

国家自然科学基金委员会副主任; 环境地球化学国家重点实验室学术委员会主任

社会任职:

2003年9月至今 中国矿物岩石地球化学学会 理事长 2002年10月至今 贵州省科学技术协会 副主席 2001年2月至今 国际地圈生物圈计划中国委员会(CNC-IGBP) 委员 1998年6月至今 《Chinese Journal of Geochemistry》、《矿物学报》 副主编  
 2008年1月至今 国际杂志《Chem. Geol.》和国内《地球化学》等杂志 编委

获奖及荣誉:

1990年8月获中国岩石矿物地球化学学会侯德封奖(中国西部(东部)新生代火山岩的同位素以及微量元素地球化学 013号)  
 1993年5月破格晋升为中国科学院地球化学研究所研究员, 并被国务院学位委员会批准为博士生导师  
 1994年8月获国家地震局科技进步奖二等奖(排名第7, 中国新生代火山岩年代学与地球化学, 证书号 922804, 1994—8)

通知公告

- 关于2013年度岗位聘用工作的通知
- 中国科学院地球化学研究所金阳园
- 中国科学院地球化学研究所金阳新
- 2012年科研成果奖励统计公示至5月
- 第十一届全国勘查地球化学学术讨
- 中国科学院地球化学研究所 计算
- 中国科学院地球化学研究所金阳新
- 中国科学院地球化学研究所金阳新
- “第七届全国环境化学大会”通知
- 中国科学院地球化学研究所金阳新
- 中国科学院地球化学研究所金阳新
- 漂亮百人计划终期评估材料公示
- 关于地化所人才项目申报的通知

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- 地化所召开深入学习党的十八大精
- 美国地质调查局资深科学家I-Ming C



1994年11月中国科学院首批“百人计划”入选。  
1996年11月获国家杰出青年科学家基金（基金编号：49625304）  
1998年4月任国家攀登项目首席科学家  
1998年贵州省省管专家  
2000年6月贵州省先进工作者称号（劳动模范，证书编号，第120号）  
2001年2月中国科学院研究所优秀领导班子奖  
2002年10月获贵州省科学技术进步一等奖（负责，中国新生代火山岩地球化学及其地幔源区特征，编号：2002J1-1-1-1, 2002.10）  
2003年2月贵州省优秀科技工作者（记一等功）  
2003年3月获中国科学院首届“中国科学院创新文化建设先进个人”荣誉称号  
2004年10月获贵州省科学技术进步一等奖（负责，喀斯特（乌江）流域物质的水文地球化学循环及其环境效应(#2004J-1-4-1)

代表论著：

（专著）

1. 刘从强 等著, 2009. 生物地球化学过程与地表物质循环——西南喀斯特土壤—植被系统生源要素循环. 北京: 科学出版社. p618.
2. 刘从强 等著, 2007. 生物地球化学过程与地表物质循环——西南喀斯特流域侵蚀与生源要素循环. 北京: 科学出版社. p608.
3. 刘从强, 黄智龙, 许成, 张鸿翔 等著, 2004. 地幔流体及其成矿作用——以四川冕宁稀土矿床为例. 北京: 地质出版社. p229.

（英文期刊论文，\*为通讯作者）

1. Chetelat, B., Liu\*, C.-Q., Gaillardet, J., Wang, Q.L., Zhao, Z.Q., Liang, C.S., Xiao, Y.K., 2009. Boron isotopes geochemistry of the Changjiang basin rivers. *Geochimica et Cosmochimica Acta*, **73**: 6084-6097.
2. Bai, Y., Wu, F., Liu, C.-Q., et al., 2008a. Interaction between carbamazepine and humic substances: A fluorescence spectroscopy study. *Environmental Toxicology and Chemistry*, **27**(1): 95-102.
3. Bai, Y., Wu, F., Liu, C.-Q., et al., 2008b. Ultraviolet absorbance titration for determining stability constants of humic substances with Cu(II) and Hg(II). *Analytica Chimica Acta*, **616**: 115-121.
4. Chen, S., Lian, B., Liu, C.-Q., 2008. Effect of *Bacillus mucilaginosus* on weathering of phosphorite and a preliminary analysis of bacterial proteins. *Chinese Journal of Geochemistry*, **27**(suppl): 209-218.
5. Chetelat, B., Liu\*, C.-Q., Zhao Z., et al., 2008. Geochemistry of the dissolved load of the Changjiang Basin rivers: Anthropogenic impacts and chemical weathering. *Geochimica et Cosmochimica Acta*, **72**: 4254-4277.
6. Li, J., Liu\*, C.-Q., Zhu, Z., et al., 2008. Historical eutrophication in Lake Taihu: evidence from biogenic silica and total phosphorus accumulation in sediments from northern part of Lake Taihu. *Environ Geol.*, **55**: 1493-1500.
7. Li, S., Calmels, D., Han, G., Gaillardet, J., Liu, C.-Q., 2008. Sulfuric acid as an agent of carbonate weathering constrained by  $^{13}\text{C}_{\text{DIC}}$ : Examples from Southwest China. *Earth and Planetary Science Letters*, **270**: 189-199.
8. Li, S.-L., Liu\*, C.-Q., Lang, Y.-C., et al., 2008. Stable Carbon isotope biogeochemistry and anthropogenic impacts on Karst Ground Water, Zunyi, Southwest China. *Aquat Geochem.*, **14**: 211-221.
9. Li, W., Wu, F., Liu, C.-Q., et al., 2008. Temporal and spatial distributions of dissolved organic carbon and nitrogen in two small lakes on the Southwestern China Plateau. *Limnology*, **9**: 163-171.
10. Li, X., Masuda, H., Liu, C.-Q., 2008. Chemical and isotopic compositions of the Minjiang River, A Headwater Tributary of the Yangtze River. *Journal of Environmental Quality*, **37**: 409-416.
11. Lian, B., Wang, B., Pan, M., Liu, C.-Q., Teng, H.H., 2008. Microbial release of potassium from K-bearing minerals by thermophilic fungus *Aspergillus fumigatus*. *Geochimica et Cosmochimica Acta*, **72** (1): 87-98.
12. Liu\*, C.-Q., Lang Y.-C., Hiroshi S., et al., 2008. Identification of Anthropogenic and Natural Inputs of Sulfate and Chloride into the Karstic Ground Water of Guiyang, SW China: Combined  $^{37}\text{Cl}$  and  $^{34}\text{S}$  Approach. *Environmental Science & Technology*, **42**: 5421-5427.
13. Liu, X., Xiao, H., Liu, C.-Q., et al., 2008a. Atmospheric transport of urban-derived  $\text{NH}_x$ : Evidence from nitrogen concentration and  $^{15}\text{N}$  in epilithic mosses at Guiyang, SW China. *Environmental Pollution*, **156**: 715-722.
14. Liu, X., Xiao, H., Liu, C.-Q., et al., 2008b. Stable carbon and nitrogen isotopes of the moss *Haplocladium microphyllum* in an urban and a background area (SW China): The role of environmental conditions and atmospheric nitrogen deposition. *Atmospheric Environment*, **42**: 5413-5423.
15. Liu, X., Xiao, H., Liu, C.-Q., et al., 2008c. Tissue N content and  $^{15}\text{N}$  natural abundance in epilithic mosses for indicating atmospheric N deposition in Guiyang area, SW China. *Applied Geochemistry*, **23**: 2708-2715.
16. Tang, C., Liu\*, C.-Q., 2008. Nonpoint Source Pollution Assessment of Wujiang River watershed in Guizhou Province, SW China. *Environ. Model Assess*, **13**: 155-167.

17. Wang, B., **Liu\*, C.-Q.**, Wang, F., *et al.*, 2008. The distributions of autumn picoplankton in relation to environmental factors in the reservoirs along the Wujiang River in Guizhou Province, SW China. *Hydrobiologia*, **598**: 35-45.
18. Wang, Z., **Liu, C.-Q.**, 2008. Geochemistry of Rare Earth Elements in the Dissolved, Acid-Soluble and Residual Phases in Surface Waters of the Changjiang Estuary. *Journal of Oceanography*, **64**: 407-416.
19. Wu, Y., **Liu\*, C.-Q.**, Tu, C., 2008. Distribution and sequential extraction of some heavy metals in urban soils of Guiyang city, China. *Chinese Journal of Geochemistry*, **27**(suppl): 401-406.
20. Wu, Y., **Liu\*, C.-Q.**, Tu, C., 2008. Atmospheric Deposition of Metals in TSP of Guiyang, PR China. *Bull Environ Contam Toxicol*, **80**: 465-468.
21. Yu, Y., **Liu\*, C.-Q.**, Wang, F., *et al.*, 2008. Dissolved inorganic carbon and its isotopic differentiation in cascade reservoirs in the Wujiang drainage basin. *Chinese Science Bulletin*, **53**(21): 3371-3378.
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23. Zhang, R., Wu, F., **Liu, C.-Q.**, *et al.*, 2008. Characteristics of organic phosphorus fractions in different trophic sediments of lakes from the middle and lower reaches of Yangtze River region and Southwestern Plateau, China. *Environmental Pollution*, **152**(1): 366-372.
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26. Guo, Q., Shields, Graham A., **Liu, C.-Q.**, *et al.*, 2007. Trace element chemostratigraphy of two Ediacaran – Cambrian successions in South China: Implications for organosedimentary metal enrichment and silicification in the early Cambrian. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **254**: 194-216.
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28. Han, G., **Liu, C.-Q.**, 2007. Dissolved rare earth elements in river waters draining karst terrains in Guizhou Province, China. *Aquatic Geochemistry*, **13**: 95-107.
29. Han, R.S., **Liu, C.-Q.**, Huang, Z.L., Chen, J., Ma, D.Y., Lei, L., Ma, G.S., 2007. Geological features and origin of the Huize carbonate-hosted Zn-Pb-(Ag) District, Yunnan, South China. *Ore Geology Reviews*, **31**: 360-383.
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33. Tang, H., **Liu, C.-Q.**, Nakai S., *et al.*, 2007. Geochemistry of eclogites from the Dabie – Sulu terrane, eastern China: New insights into protoliths and trace element behaviour during UHP metamorphism. *Lithos*, **95**: 441-457.
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41. Han, G.-L., **Liu, C.-Q.**, 2006. Strontium isotope and major ion chemistry of the rainwaters from Guiyang, Guizhou Province, China. *Science Total Environment*, **364**: 165-174.
42. Hu, J., Zhang G.P., **Liu, C.-Q.**, 2006. Pilot study of polycyclic aromatic hydrocarbons in surface soils of Guiyang city,

43. Lang, Y.-C., **Liu\*, C.-Q.**, Zhao, Z.-Q., Li, S.-L., Han, G.-L., 2006. Geochemistry of surface and ground water in Guiyang, China: Water/rock interaction and pollution in a karst hydrological system. *Applied Geochemistry*, **21**: 887-903.
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46. **Liu\*, C.-Q.**, Li, S.-L., Lang, Y.-C., Xiao, H.-Y., 2006. Using  $\delta^{15}\text{N}$ - and  $\delta^{18}\text{O}$ - values to identify nitrate sources in karst ground water, Guiyang, southwest China. *Environmental Science & Technology*, **40**: 6928-6933.
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61. Yu, W.-H., **Liu, C.-Q.**, 2005. Sorption of  $\text{Zr}^{4+}$  and  $\text{Hf}^{4+}$  onto Hydrrous Ferric Oxide and Their Fractionation Behaviors: An experimental Study. *Acta Geologica Sinica*, **79**: 343-348.
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