

代表性专著:

刘丛强 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.

刘丛强 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.

刘丛强, 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.

近五年部分代表性论文:

1. Liu, Xiao-Long / **Liu, Cong-Qiang\*** / Li, Si-Liang / Wang, Fu-Shun / Wang, Bao-Li / Wang, Zhong-Liang, 2011. Spatiotemporal variations of nitrous oxide (N<sub>2</sub>O) emissions from two reservoirs in SW China. *Atmospheric Environment*, 45 (31), p.5458-5468
2. Liu, Xue-Yan / Xiao, Hua-Yun / **Liu, Cong-Qiang**, 2011. Physiological and isotopic signals in epilithic mosses for indicating anthropogenic sulfur on the urban-rural scale. *Ecological Indicators*, 11 (5), p.1245-1250
3. Xiao-Dong / **Liu, Cong-Qiang** / Liu, Xiao-Long / Bao, Li-Ran, 2011. Identification of dissolved sulfate sources and the role of sulfuric acid in carbonate weathering using dual-isotopic data from the Jialing River, Southwest China. *Journal of Asian Earth Sciences*, 42 (3), p.370-380.
4. Pi, Dao-Hui / **Liu, Cong-Qiang** / Shields-Zhou, Graham A., Jiang, Shao-Yong, 2011. Trace and rare earth element geochemistry of black shale and kerogen in the early Cambrian Niutitang Formation in Guizhou province, South China: Constraints for redox environments and origin of metal enrichments. *Precambrian Research*, In Press, Corrected Proof.
5. Xiao, Hua-Yun / Tang, Cong-Guo / Zhu, Ren-Guo / Wang, Yan-Li / Xiao, Hong-Wei / **Liu, Cong-Qiang**, 2011. Tracing sources of coal combustion using stable sulfur isotope ratios in epilithic mosses and coals from China. *Journal of environmental monitoring : JEM*, 13 (8), p.2243-2249.
6. Wang, Fushun / Wang, Baoli / **Liu, Cong-Qiang** / Wang, Yuchun / Guan, Jin / Liu, Xiaolong / Yu, Yuanxiu, 2011. Carbon dioxide emission from surface water in cascade reservoirs-river system on the Maotiao River, southwest of China. *Atmospheric Environment*, 45 (23), p.3827-3834.
7. Lang, Yun-Chao / **Liu, Cong-Qiang\*** / Li, Si-Liang / Zhao, Zhi-Qi / Zhou, Zhi-Hua, 2011. Tracing natural and anthropogenic sources of dissolved sulfate in a karst region by using major ion chemistry and stable sulfur isotopes. *Applied Geochemistry*, 26 (Supplement), p.S202-S205.
8. Li, Si-Liang / **Liu, Cong-Qiang** / Patra, Sivaji / Wang, Fushun / Wang, Baoli / Yue, Fujun, 2011. Using a dual isotopic approach to trace sources and mixing of sulphate in Changjiang Estuary, China. *Applied Geochemistry*, 26 (Supplement), p.S210-S213
9. Zhao, Zhi-Qi / **Liu, Cong-Qiang\*** / Zhang, Wei / Wang, Qi-Lian, 2011. Historical lead pollution in the central region of Guizhou province, China: A record of lead stable isotopes of lake sediments. *Applied Geochemistry*, 26 (Supplement), p.S267-S270.
10. Ding, Hu / Lang, Yun-Chao / Liu, Cong-Qiang\*, 2011. The impact of land use and land cover changes on solute dynamics in seepage water of soil from karst hillslopes of Southwest China. *Applied Geochemistry*, 26 (Supplement), p.S183-S186.

11. Wang, Fushun / **Liu, Cong-Qiang** / Wang, Baoli / Liu, Xiaolong / Li, Ganrong / Guan, Jin / Yao, Chenchen / Wu, Yiyang, 2011. Disrupting the riverine DIC cycling by series hydropower exploitation in Karstic area. *Applied Geochemistry*, 26 (Supplement), p.S375-S378
12. **Liu, Cong-Qiang\*** / Zhao, Zhi-Qi / Wang, Qilian / Gao, Bo, 2011. Isotope compositions of dissolved lithium in the rivers Jinshajiang, Lancangjiang, and Nujiang: Implications for weathering in Qinghai-Tibet Plateau. *Applied Geochemistry*, 26 (Supplement), p.S357-S359.
13. Xiao, Hua-Yun / Zhu, Ren-Guo / Lin, Bi-Na / **Liu, Cong-Qiang**, 2011. Sulfur isotopic signatures in rainwater and moss *Haplocladium microphyllum* indicating atmospheric sulfur sources in Nanchang City (SE China). *The Science of the total environment*, 409 (11), p.2127-2132
14. Xiao, Hua-Yun / Wu, Liang-Hong / Zhu, Ren-Guo / Wang, Yan-Li / **Liu, Cong-Qiang**, 2011. Nitrogen isotope variations in camphor (*Cinnamomum Camphora*) leaves of different ages in upper and lower canopies as an indicator of atmospheric nitrogen sources. *Environmental pollution (Barking, Essex : 1987)*, 159 (2), p.363-367
15. Xiao, Hua-Yun / Wu, Liang-Hong / Zhu, Ren-Guo / Wang, Yan-Li / **Liu, Cong-Qiang**, 2011. Nitrogen isotope variations in camphor (*Cinnamomum Camphora* ) leaves of different ages in upper and lower canopies as an indicator of atmospheric nitrogen sources. *Environmental Pollution*, 159 (2), p.363-367
16. Song, L., **Liu\***, **C.-Q.**, Wang Z-L, *et al.*, 2011. Iron isotope fractionation during biogeochemical cycle: Information from suspended particulate matter (SPM) in Aha Lake and its tributaries, Guizhou, China. *Chemical Geology*, **280**: 170-179.
17. Tserenpil, S., **Liu, C.-Q.**, 2011. Study of antimony (III) binding to soil humic acid from an antimony smelting site. *Microchemical Journal*, doi:10.1016/j.microc.2010.10.003.
18. Xiao, H.-Y., **Liu, C.-Q.**, 2011. The elemental and isotopic composition of sulfur and nitrogen in Chinese coals. *Organic Geochemistry* 42: 84–93
19. Guo, Q. J., Strauss, H., **Liu, C.-Q.**, *et al.*, 2010. A negative carbon isotope excursion defines the boundary from Cambrian Series 2 to Cambrian Series 3 on the Yangtze Platform, South China. *Palaeogeography Palaeoclimatology Palaeoecology*, **285**: 143-151.
20. Li X-D, **Liu C-Q**, Harue M, *et al.*, 2010. The use of environmental isotopic (C, Sr, S) and hydrochemical tracers to characterize anthropogenic effects on karst groundwater quality: A case study of the Shuicheng Basin, SW China. *Applied Geochemistry*, **25** (12): 1924-1936.
21. Li, S.-L., **Liu\***, **C.-Q.**, Li, J., *et al.*, 2010a. Geochemistry of dissolved inorganic carbon and carbonate weathering in a small typical karstic catchment of Southwest China: Isotopic and chemical constraints. *Chemical Geology*, **277**: 301-309.
22. Li, S.-L., **Liu\***, **C.-Q.**, Li, J., *et al.*, 2010b. Assessment of the Sources of Nitrate in the Changjiang River, China Using a Nitrogen and Oxygen Isotopic Approach. *Environmental Science & Technology*, **44**: 1573-1578.
23. Li, S.-L., **Liu\***, **C.-Q.**, Lang, Y.-C., *et al.*, 2010c. Tracing the sources of nitrate in karstic groundwater in Zunyi, Southwest China: a combined nitrogen isotope and water chemistry approach. *Environmental Earth Sciences*, **60**: 1415-1423.
24. Liu, X. Y., Xiao, H. Y., **Liu, C.-Q.**, *et al.*, 2010. Response of stable carbon isotope in epilithic mosses to atmospheric nitrogen deposition. *Environmental Pollution*, **158**: 2273-2281.

25. Mostofa, K. M. G., Wu, F. C., **Liu, C.-Q.**, *et al.*, 2010. Characterization of Nanming River (southwestern China) sewerage-impacted pollution using an excitation-emission matrix and PARAFAC. *Limnology*, **11**: 217-231.
26. Wang, F. S., Yu, Y. X., **Liu, C.-Q.**, *et al.*, 2010. Dissolved silicate retention and transport in cascade reservoirs in Karst area, Southwest China. *Science of the Total Environment*, **408**: 1667-1675.
27. Xiao, H. Y., **Liu, C.-Q.**, 2010. Identifying organic matter provenance in sediments using isotopic ratios in an urban river. *Geochemical Journal*, **44**: 181-187.
28. Xu, Z. F., **Liu, C.-Q.**, 2010. Water geochemistry of the Xijiang basin rivers, South China: Chemical weathering and CO<sub>2</sub> consumption. *Applied Geochemistry*, **25**: 1603-1614.
29. Zhao, Z. Q., **Liu\*, C.-Q.**, 2010. Anthropogenic inputs of boron into urban atmosphere: Evidence from boron isotopes of precipitations in Guiyang City, China. *Atmospheric Environment*, **44**: 4165-4171.
30. Chetelat, B., **Liu\*, C.-Q.**, Gaillardet, J., *et al.*, 2009. Boron isotopes geochemistry of the Changjiang basin rivers. *Geochimica Et Cosmochimica Acta*, **73**: 6084-6097.