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#### 简历:

中国科学院地球化学研究所副所长、党委副书记、环境地球化学国家重点实验室副主任、研究员，博士生导师，国家自然科学基金委杰出青年基金获得者。1988年毕业于中国地质大学（武汉）地球化学系地球化学与勘查专业，获工学学士学位。1988年9月至1991年7月在湖北省地质矿产局安全环保研究所从事环境监测工作。1991年8月至1997年10月在中国科学院地球化学研究所环境地球化学国家重点实验室攻读硕士和博士学位，主要从事环境地球化学研究，并于1994年和1997年分别获地球化学理学硕士和博士学位。1997年11月至2000年12月在瑞典哥德堡大学无机化学系从事博士后研究，主要研究方向为大气汞的环境化学。1999年入选中国科学院“百人计划”。2000年12月回国工作。2001年5月至2002年4月在加拿大气象中心和Ryerson大学化学生物和化工系进行合作研究；2002年12月在芬兰科学中心VTT做访问学者；2005年12月至2006年3月，在美国国家环保局（USEPA）做高级研究学者；2007年2月至2007年7月，在加拿大Trent大学化学系做高级访问学者；2009年9-11月，在挪威水环境科学研究所（NIVA）做高级访问学者，2010年10月在瑞士日内瓦大学做高级访问学者。

1998年获中国环境科学学会首届“青年科技奖”；2000年获中国矿物岩石地球化学学会第八届“侯德封奖”；2003年获贵州省青年科技奖；2004年度、2006年度、2007年度获中国科学院“优秀研究生导师奖”；2006年获贵州省“直机关十大杰出青年称号”；2006年获国务院政府特殊津贴；2008年获“中科院王宽诚西部学者突出贡献奖”；2008年获中国科学院“朱李月华”优秀研究生导师奖；2009年获贵州省“五一劳动奖章”；2009年获得贵州省“优秀科技工作者”称号；2010年获贵州省“先进工作者”称号；2010年分别获得中国科学院“优秀研究生指导教师”奖和中国科学院“优秀研究生导师”奖。

目前主要从事环境中汞、镉、铅等有害重金属元素的生物地球化学循环与人体健康的研究。主要社会兼职为中国矿物岩石地球化学学会理事并兼任青年工作委员会主任和环境地球化学专业委员会委员；中国地理学会环境地理和化学地理专业委员会委员；中国化学会环境化学专业委员会委员；中国毒理学会分析毒理专业委员会委员；第四纪学会地表过程专业委员会委员；中国分析测试学会原子光谱及相关技术专业专业委员会委员；中国科学院青年联合会委员；贵州青年联合会委员；国际SCI学术期刊“Science of the Total Environment”、“Environmental Toxicology and Chemistry”编委；国际期刊

“Environmental Geosciences”副主编；国际期刊“Global Journal of Environmental Science and Technology”编委；国内核心刊物“环境化学”、“地球与环境”、“生态毒理学报”、“环境科学与技术”、“矿物岩石地球化学通报”等刊物的编委。第七届、八届和十届汞全球污染物国际学术会议科学筹备委员会委员；第九届汞全球污染物国际学术会议主席；第七届“微量元素生物地球化学国际学会会议”国际委员会委员；第15届环境中重金属国际学术会议国际委员会委员；亚太地区环境地球化学与健康执行委员会委员；已在相关领域的国内外期刊上发表学术论文200余篇，其中SCI收录文章120余篇。

#### 研究方向:

目前主要从事环境中汞、镉、铅等有害重金属元素的生物地球化学循环与人体健康的研究。

#### 承担科研项目情况:

- [1] 环境中汞同位素地球化学研究（国家自然科学基金委员会杰出青年基金，项目批准号：40825011，2009.01—2012.12，项目负责人，200万元）
- [2] 我国西南大气汞的背景观测（中国-美国电力研究所合作项目，2009.09 - 2011.12，项目负责人，43.6万元）
- [3] 测定地表界面与大气汞交换通量的弛豫涡旋系统研发（中国科学院科研装备研制项目，批准号为：YZ200910，课题负责人，2009.01-2011.12，项目经费：240万）
- [4] 贵阳市百花水库沉积物中汞的形态分布、甲基化与生物积累研究（中国科学院-瑞士国际合作项目，2009.01-2011.12，批准号：GJHZ0903，经费：67万）
- [5] 我国人为活动向大气的汞排放清单建立（环保部公益项目，2010.01—2012.12，课题负责人，43万）
- [6] 我国典型海陆交换带和湖泊生态系统中物质循环与转化的界面过程及调控机制（中国科学院创新群体项目，课题负责人，2009.01-2011.12，50万）
- [7] 农田生态系统地表自然排汞（包括先前沉降汞的再释放）机理及通量估算模型的建立（国家自然科学基金委员会重点项目，项目批准号：41030752，负责人，2011.01-2014.12，经费：240万）

#### 通知公告

- 关于填报2012年部门预算、政府采购...
- 2011年地球化学研究所暑期学校录取名单
- 关于参加“国家的科学院，人民的科...
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- 关于推荐第八届青藏高原青年科技奖...
- 关于召开我所新增副所级领导干部任...
- 关于我所2011年度岗位聘用工作评审...
- 关于2011年度岗位聘用工作的通知
- 地球化学研究所财务报销指南
- 关于推荐首批“中国科学院青年创新...
- 万泉百人计划择优申请公示
- 地球化学前沿领域学术研讨会一号通知
- 肖保华、李晓峰百人计划择优申请公示

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- 地化所第八届职工运动会胜利召开



[8] 中挪国际合作项目II期-减少中国汞污染能力建设(挪威政府国际合作项目, 课题负责人, 2010.10-2013.10, 经费186万挪威克朗)

欧共体项目-全球大气汞观测网络(欧共体项目, 主要参加者, 2010.11-2015.11, 经费: 14万欧元)

#### 专家类别:

中国科学院百人计划入选者 国家自然科学基金委杰出青年基金获得者

#### 职务:

副所长兼党委副书记、环境地球化学国家重点实验室副主任、研究员、博士生导师。中国科学院地球化学研究所副所长

#### 社会任职:

主要社会兼职为中国矿物岩石地球化学学会理事并兼任青年工作委员会主任和环境地球化学专业委员会委员; 中国地理学会环境地理和化学地理专业委员会委员; 中国化学会环境化学专业委员会委员; 中国科学院青年联合会委员; 贵州青年联合会委员; 国际SCI学术期刊“Science of the Total Environment”编委; 国际期刊“Environmental Geosciences”副主编; 国内核心期刊“环境化学”、“地球与环境”、“生态毒理学报”、“环境科学与技术”、“矿物岩石地球化学通报”等刊物的编委。第七届、八届和十届汞全球污染物国际学术会议科学筹备委员会委员; 第九届汞全球污染物国际学术会议主席; 第七届“微量元素生物地球化学国际学会会议”国际委员会委员; 亚太地区环境地球化学与健康执行委员会委员

#### 获奖及荣誉:

1998年获中国环境科学学会首届“青年科技奖”;  
2000年获中国矿物岩石地球化学学会第八届“侯德封奖”;  
2003年获贵州省青年科技奖;  
2004年度、2006年度和2007年度分别获中国科学院“优秀研究生导师奖”;  
2006年获贵州省“直机关十大杰出青年称号”;  
2006年获国务院政府特殊津贴;  
2008年获“中科院王宽诚西部学者突出贡献奖”;  
2009年获贵州省“五一劳动奖章”、贵州省“优秀科技工作者”;  
2010年获贵州省“先进工作者”称号、中国科学院“优秀研究生指导教师”奖、中国科学院“优秀研究生导师”奖

#### 代表论著:

##### 2006年以来录用待刊及已发表SCI文章目录:

[1] Liu J., Feng X\*, Yin R., Zhu W., Li Z., Mercury distributions and mercury isotope signatures in sediments of Dongjiang River, the Pearl River Delta, China. *Chemical Geology*, 2011 (Accepted)

[2] Li P., Feng X\*, Qiu G., Wan Q., Hair can be a good biomarker of occupational exposure to mercury vapor: simulated experiments and field data analysis, *Science of the Total Environment*, 2011 (Accepted)

[3] Liu J., Feng X\*, Zhu W., Zhang X., Yin R., Distribution and speciation of mercury and methyl mercury in surface water of Dongjiang River, the Pearl River Delta, China. *Environmental Science and Pollution Research*, 2011 (Accepted)

[4] Fu X., Feng X\*, Qiu G., Shang L., Zhang H. Speciated atmospheric mercury in the urban of Guiyang: Implication for potential sources of mercury species. *Atmospheric Environment*, 2011, doi:10.1016/j.atmosenv.2011.05.012

[5] Liu J., Feng X\*, Qiu G., Yao H., Shang L., Yan H., Inter-comparison and applicability of some dynamic and equilibrium principle methods to determine methylated mercury species in pore water. *Environmental Toxicology and Chemistry*, 2011, DOI: 10.1002/etc.565.

[6] Li P., Feng X\*, Qiu G., Shang L., Wang S., Mercury pollution in Wuchuan mercury mining area, Guizhou, Southwestern China: the impacts from large scale and artisanal mercury mining. *Environmental International*, 2011, doi:10.1016/j.envint.2011.04.008.

[7] Liu N., Qiu G., Landis M. S., Feng X., Fu X., Shang L., Atmospheric mercury species measured in Guiyang, Guizhou province, southwest China. *Atmospheric Research*, 2011, 100: 93-102, doi:10.1016/j.atmosres.2011.01.002

[8] Lin Y., Larssen T., Vogt R. D., Feng X., Zhang H., Transport and fate of mercury under different hydrologic regimes in polluted stream in mining area. *Journal of Environmental Sciences*, 2011, 23(5):757 - 764.

[9] Li P., Feng X\*, Shang L., Qiu G., Meng B., Zhang H., Guo G., Liang L., Human co-exposure to mercury vapor and methylmercury in artisanal mercury mining areas, Guizhou, China. *Ecotoxicology and Environmental Safety*, 2011, 74: 473-479.

[10] Wang J., Feng X\*, Anderson CWN., Qiu G., Li P., Bao Z., Ammonium thiosulphate enhanced phytoextraction from mercury contaminated soil - Results from a greenhouse study. *Journal of Hazardous Materials*, 2011, 186: 119-127, doi:10.1016/j.jhazmat.2010.10.097

[11] Yao H., Feng X\*, Guo Y., Yan H., Fu X., Li Z., Meng B., Mercury and methylmercury concentrations in two newly constructed reservoirs in the Wujiang River, Guizhou, China. *Environmental Toxicology and Chemistry*, 2011, 30(3):530-537, DOI: 10.1002/etc.413.

[12] Rothenberg S., Feng X\*, Dong B., Shang L., Yin R., Characterization of Mercury Species in Brown and White Rice (*Oryza sativa* L.) Grown in Water Saving Paddies. *Environmental Pollution*, 2011, 159:1283-1289.

[13] Shi W., Feng X\*, Zhang G., Ming L., Yin R., Zhao Z., Wang J., High precision measurement of mercury isotopes deposit record over the past 150 years in a peat core from Hong Yuan. *Chinese Science Bulletin*, 2011, 56(9): 877-882.

[14] Meng B., Feng X\*, Qiu G., Liang P., Li P., Chen C., Shang L. The process of methylmercury accumulation in rice (*Oryza sativa* L.). *Environmental Science and Technology*, 2011, 45: 2711-2717

[15] Rothenberg S., Feng X\*, Li P., low-level maternal MeHg exposure through rice ingestion and potential implications for offspring health. *Environmental Pollution*, 2011, 159: 1017-1022, doi:10.1016/j.envpol.2010.12.024

[16] Søvik M.-L., Larssen T., Vogt R. D., Wibetoe G., Feng X., 2010. Heavy metals in rice paddy fields in mercury hot spots in Guizhou, China. *Applied Geochemistry*, 2011, 26:167-173.

- [17] Feng X., Bigham G., A preface: Mercury Biogeochemical Cycling in Mercury Contaminated Environments. *Applied Geochemistry*, 2011, 26:153-153.
- [18] Li Z., Feng X\*, Li G., Bi X., Sun G., Zhu J., Qin H., Wang J., 2010. Mercury and other heavy metals and metalloid contamination to the soil around a large scale Pb/Zn smelter in east Hunan province, China. *Applied Geochemistry*, 2011, 26:160-166.
- [19] Ding Z., Wu H., Feng X., Liu J., Yuan Y., Zhang L., 2010. Distribution of Hg in mangrove and its implication for Hg enrichment in mangrove ecosystem. *Applied Geochemistry*, 2011, 26:205-212.
- [20] Feng X\*, Bai W., Shang L., He T., Qiu G., Yan H., 2010. Mercury speciation and distribution in Aha reservoir which was contaminated by coal mining activities in Guiyang, Guizhou, China. *Applied Geochemistry*, 2011, 26:213-221.
- [21] Yin R., Feng X\*, Shi W., Application of the stable-isotope system to the study of sources and fate of Hg in the environment: A review. *Applied Geochemistry*, 2010, 25, 1467 – 1477.
- [22] Fu X., Feng X\*, Wan Q., Meng B., Guo Y., Yan H., Probing Hg evasion from surface waters of two Chinese hyper/meso-eutrophic reservoirs. *Science of the Total Environment*, 2010, 408, 5887 – 5896.
- [23] Li G., Feng X\*, Li Z., Qiu G., Shang L., Liang P., Wang D., Yang Y., Mercury emission to atmosphere from primary Zn production in China. *Science of the Total Environment*, 2010, 408, 4607-4612.
- [24] Li L., Wang F., Meng B., Lemes M., Feng X., Jiang G., Speciation of methylmercury in rice grown from a mercury mining area. *Environmental pollution*, 2010, 158, 3103-3107.
- [25] Meng B., Feng X\*, Chen C., Qiu G., Sommar J., Guo Y., Liang P., Wan Q., Influence of eutrophication on the distribution of total mercury and methylmercury in hydroelectric reservoirs. *Journal of Environmental Quality*, 2010, 39, 1624-1635.
- [26] Li Y., Mao Y., Liu G., Tachiev G., Roelant D., Feng X., Cai Y., Degradation of Methylmercury and its Effects on Mercury Distribution and Cycling in the Florida Everglades. *Environmental Sciences and Technology*, 2010, 44, 6661 – 6666.
- [27] Mao Y., Yin Y., Li Y., Liu G., Feng X., Jiang G., Cai Y. Occurrence of monoethylmercury in the Florida Everglades: Identification and verification. *Environmental Pollution*, 2010, 158: 3378-3384.
- [28] Zhang H., Feng X\*, Larssen T., Qiu G., Vogt R., In Inland China, Rice, rather than Fish is the major Pathway for Methylmercury Exposure. *Environmental Health Perspectives*, 2010, 118(9): 1183-1188.
- [29] Zheng W., Kang S., Feng X., Zhang Q., Li C., Mercury speciation and spatial distribution in surface waters of the Yarlung Zangbo River, Tibet. *Chinese Science Bulletin*, 2010 Vol.55 No.24: 2697 – 2703
- [30] Li P., Feng X\*, Qiu G., Methylmercury Exposure and Health Effects from Rice and Fish Consumption: A Review. *International Journal of Environmental Research and Public Health*, 2010, 7, 2666-2691; doi:10.3390/ijerph7062666
- [31] Yin R., Feng X\*, Foucher D., Shi W., Zhao Z., Wang J., High Precision Determination of Mercury Isotope Ratios Using Online Mercury Vapor Generation System Coupled with Multicollector Inductively Coupled Plasma-Mass Spectrometer. *Chinese Journal of Analytical Chemistry*. 2010, 38(7), 929 – 934.
- [32] Yan H., Rustadbakken A., Yao H., Larssen T., Feng X., Liu T., Shang L., Haugen T. O., Total mercury in wild fish in Guizhou reservoirs, China. *Journal of Environmental Sciences*, 2010, 22(8) 1129 – 1136
- [33] Pan L., Lin C-J., Carmichael G. R., Streets D. G., Tang Y.e, Woo J-H., Shetty S. K., Chu H-W., Ho T C., Friedli H. R., Feng X., Study of atmospheric mercury budget in East Asia using STEM-Hg modeling system. *Science of the Total Environment*, 2010, 408,3277-3291.
- [34] Pirrone N., Cinnirella S., Feng X., R. B. Finkelman, H. R. Friedli, J. Leaner, R. Mason, A. B. Mukherjee, G. B. Stracher, D. G. Streets, and K. Telmer., Global mercury emissions to the atmosphere from anthropogenic and natural sources. *Atmospheric Chemistry and Physics*, 2010, 10, 5951 – 5964.
- [35] Zhang H., Feng X\*, Larssen T., Shang L., Li P., Bio-accumulation of Methylmercury versus Inorganic Mercury in Rice (*Oryza sativa* L.) Grain. *Environmental Science and Technology*, 2010, 44, 4499 – 4504
- [36] Feng X\*, Foucher D., Hintelmann H., Yan H., He T., Qiu G., Tracing mercury Contamination Sources in Sediments Using Mercury Isotope Compositions. *Environmental Science and Technology*, 2010, 44:3363 – 3368
- [37] Fu X., Feng X\*, Zhu W., Rothenberg S., Yao H., Zhang H., Elevated atmospheric deposition and dynamics of mercury in a remote upland forest of Southwestern China. *Environmental Pollution*, 2010, 158: 2324 – 2333
- [38] Zhang H., Feng X\*, Thorjorn L., Shang L., Vogt R. D., Rothenberg S. E., Li P., Zhang H., Lin Y., Fractionation, distribution and transport of mercury in rivers and tributaries around Wanshan Hg mining district, Guizhou Province, Southwestern China: Part 1 Total mercury. *Applied Geochemistry*, 2010, 25:633-641.
- [39] Zhang H., Feng X\*, Thorjorn L., Shang L., Vogt R. D., Lin Y., Li P., Zhang H., Fractionation, distribution and transport of mercury in rivers and tributaries around Wanshan Hg mining district, Guizhou Province, Southwestern China: Part 2 Methylmercury. *Applied Geochemistry*, 2010, 25: 642-649.
- [40] Rothenberg S. E., Kirby M. E., Bird B.W., DeRose M. B., Lin C-C., Feng X., Ambrose R. F., Jay J. A. The impact of over 100 years of wildfires on mercury levels and accumulation rates in two lakes in southern California, USA. *Environmental Earth Sciences*, 2010, 60: 993-1005.

[41] Meng B., Feng X\*, Qiu G., Cai Y., Wang D., Li P., Shang L., Sommar J., Distribution patterns of inorganic mercury and methylmercury in tissues of rice (*Oryza sativa L.*) plants and possible bioaccumulation pathways. *Journal of Agriculture and Food Chemistry*, 2010, 58:4951 – 4958

[42] Fu X., Feng X\*, Dong Z., Yin R., Wang J., Yang Z., Zhang H., Atmospheric total gaseous mercury (TGM) concentrations and wet and dry deposition of mercury at a high-altitude mountain peak in south China. *Atmospheric Chemistry and Physics*, 2010, 10: 2425-2437.

[43] Fu X., Feng X\*, Zhang G., Xu W., Li X., Yao H., Liang P., Li J., Sommar J., Yin R., Liu N., Mercury in the marine boundary layer and seawater of the South China Sea: concentrations, air/sea flux, and implication for land outflow. *Journal of Geophysical Research- Atmospheres*, 2010, 115, D06303, doi:10.1029/2009JD012958.

[44] Li Z., Feng X\*, Li P., Liang L., Tang S. L., Wang S. F., Fu X. W., Qiu G. L., and Shang L. H., Mercury air-borne emissions from 5 municipal solid waste landfills in Guiyang and Wuhan, China. *Atmospheric Chemistry and Physics*, 2010, 10, 3353 – 3364

[45] Lin CJ, Pan L, Streets DG, Shetty, S. K., Jang, C., Feng, X., Chu, H. -W., Ho, T. C., [Estimating mercury emission outflow from East Asia using CMAQ-Hg](#). *Atmospheric Chemistry and Physics*, 2010, 10(4): 1853-1864.

[46] Lin Y., Larssen T., Vogt R. D., Feng X., Identification of fractions of mercury in water, soil and sediment from a typical Hg mining area in Wanshan, Guizhou province, China. *Applied Geochemistry*, 2010, 25 (1): 60-68.

[47] Li P., Feng X\*, Qiu G., Shang L., Li G., Human hair mercury levels in Wanshan mercury mining area, Guizhou Province, China. *Environmental Geochemistry and Health*, 2009, 31:683-691, DOI 10.1007/s10653-008-9246-x

[48] Zhang J., Feng X\*, Yan H., Guo Y., Yao H., Meng B., Liu K., Seasonal distributions of mercury species and their relationship to some physicochemical factors in Puding Reservoir, Guizhou, China. *Science of the Total Environment*, 2009, 408:122-129.

[49] Williams P., Lombi N., Sun G-X., Scheckel K., Zhu Y-G., Feng X., Zhu J., Carey A-M., Adomako E., Lawgali Y., Deacon C., Meharg A. A., Selenium Characterization in the Global Rice Supply Chain. *Environmental Science and Technology*, 2009, 43, 6024 – 6030.

[50] Feng X., Jiang H., Qiu G., Yan H., Li G., Li Z., Geochemical processes of mercury in Wujiangdu and Dongfeng reservoirs, Guizhou, China. *Environmental Pollution*, 2009, 157 : 2970 – 2984.

[51] Qiu G., Feng X\*, Wang S., Fu X., Shang L., Mercury distribution and speciation in water and fish from abandoned Hg mines in Wanshan, Guizhou province, China. *Science of the total Environment*, 2009, 407: 5162 – 5168.

[52] Feng X., Jiang H., Qiu G., Yan H., Li G., Li Z., Mercury mass balance study in Wujiangdu and Dongfeng Reservoirs, Guizhou, China. *Environmental Pollution*, 2009, 157:2594 – 2603.

[53] Li P., Feng X\*, Qiu G.L., Shang L.H., Li Z.G., Mercury pollution in Asia: a review of the contaminated sites. *Journal of Hazardous Materials*, 2009, 168: 591-601.

[54] Li P., Feng X\*, Qiu G., Shang L., Wang S., Meng B., Atmospheric mercury emission from artisanal mercury mining in Guizhou Province, Southwestern China. *Atmospheric Environment*, 2009, 43: 2247-2251.

[55] Wan Q., Feng X\*, Lu J., Zheng W., Song X., Han S., Xu H., Atmospheric mercury in Changbai Mountain area, northeastern China I. The seasonal distribution pattern of total gaseous mercury and its potential sources. *Environmental Research*, 2009, 109:201-206.

[56] Wan Q., Feng X\*, Lu J., Zheng W., Song X., Han S., Xu H., Atmospheric mercury in Changbai Mountain area, northeastern China II. The distribution of reactive gaseous mercury and particulate mercury and mercury deposition fluxes, *Environmental Research*, 2009, 109: 721-727

[57] Fu X., Feng X\*, Zhu W., Temporal and spatial distributions of TGM in Gongga mountain area, Sichuan province, P.R. China: Regional sources and long range atmospheric transport. *Science of the Total Environment*, 2009, 407:2306-2314.

[58] Bi X., Feng X\*, Yang Y., Li X., Shin G. P. Y., Li F., Qiu G., Li G., Liu T., Fu Z., Allocation and source attribution of lead and cadmium in maize (*Zea mays L.*) impacted by smelting emissions, *Environmental Pollution*, 2009, 157:834 – 839.

[59] 冯新斌, 仇广乐, 付学吾, 何天容, 李平, 王少锋, 环境汞污染, 化学进展, 2009, 21: 436–457

[60] Feng X., and Qiu G. Mercury pollution in Guizhou, China- an overview. *Science of the Total Environment*, 2008, 400: 227 – 237.

[61] Yan H., Feng X., Shang L., Qiu G., Dai Q., Wang S., Hou Y., The variations of mercury in sediment profiles from a historically mercury-contaminated reservoir, Guizhou province, China. *Science of the Total Environment*, 2008, 407, 497-506.

[62] Fu, X., Feng X., and Wang S. Exchange fluxes of Hg between surfaces and atmosphere in the eastern flank of Mount Gongga, Sichuan province, southwestern China, *Journal of Geophysical Research- Atmospheres*, 2008, 113, D20306, doi:10.1029/2008JD009814.

[63] Li P., Feng X\*, Qiu G., Shang L., Wang S. Mercury exposure in the population from Wuchuan mercury mining area, Guizhou, China. *Science of the Total Environment*, 2008, 395: 72-79.

[64] Guo Y., Feng X\*, Li Z., He T., Yan H., Meng B., Zhang J., Qiu G. Distribution and wet deposition fluxes of total and methyl mercury in Wujiang River Basin, Guizhou, China. *Atmospheric Environment*, 2008, 42: 7096 – 7103.

[65] Qiu G., Feng X\*, Li P., Wang S., Li G., Shang L., Fu X. Methylmercury Accumulation in Rice (*Oryza sativa L.*) Grown at Abandoned Mercury Mines in Guizhou, China, *Journal of Agriculture and Food Chemistry*, 2008, 56: 2465 – 2468

- [66] Li P., Feng X\*, Shang L., Qiu G., Meng B., Liang P., Zhang H. Mercury pollution from artisanal mercury mining in Tongren, Guizhou, China. *Applied Geochemistry*, 2008, 23: 2055 – 2064
- [67] Feng X., Wang S., Qiu G., He T., Li G., Li Z., Shang L. Total gaseous mercury exchange between water and air during cloudy weather conditions over Hongfeng Reservoir, Guizhou, China, *Journal of Geophysical Research - Atmospheres*, 2008, VOL. 113, D15309, doi:10.1029/2007JD009600.
- [68] He T., Feng X\*, Guo Y., Qiu G., Li Z., Liang L., Lu J., The impact of eutrophication on the biogeochemical cycling of mercury species in a reservoir. A case study from Hongfeng Reservoir, Guizhou, China. *Environmental Pollution*, 2008, 154: 56-67
- [69] Li G., Feng X\*, Qiu G., Bi X., Li Z., Zhang C., Wang D., Shang L., Guo Y., Environmental mercury contamination of an artisanal zinc smelting area in Weining County, Guizhou, China. *Environmental Pollution*, 2008, 154: 21-31
- [70] Fu X., Feng X\*, Zhu W., Zheng W., Wang S., Total particulate and reactive gaseous mercury in ambient air in the eastern slope of Mt. Gongga area. *Applied Geochemistry*, 2008, 23(3): 408-418.
- [71] Fu X., Feng X\*, Zhu W., Wang S., Lu J., Total gaseous mercury concentrations in ambient air in the eastern slope of Mt. Gongga, South-Eastern fringe of the Tibetan plateau, China. *Atmospheric Environment*, 2008, 42(5): 970-979.
- [72] Li P., Feng X\*, Qiu G., Li Z., Fu X., Sakamoto M., Liu X., Wang D., Mercury exposures and symptoms in smelting workers of artisanal mercury mines in Wuchuan, Guizhou, China. *Environment Research*, 2008, 107:108 – 114.
- [73] Feng X., Li P., Qiu G., Wang S., Li G., Shang L., Meng B., Jiang H., Bai W., Li Z., Fu X., Methylmercury exposure through rice intake to inhabitants in Wanshan mercury mining area in Guizhou, China. *Environmental Science and Technology*, 2008, 42, 326 – 332
- [74] He T.R., Lu J., Yang F., Feng X. B. Horizontal and vertical variability of mercury species in pore water and sediments in small lakes in Ontario. *Science of the Total Environment*, 2007 386 (1-3): 53-64.
- [75] Lindberg S., Bullock R., Ebinghaus R., Engstrom D., Feng X., Fitzgerald W., Pirrone N., Prestbo E., and Seigneur C., A synthesis of progress and uncertainties in attributing the sources of mercury in deposition. *Ambio*, 2007, 36(1): 19-32.
- [76] Bi X., Feng X\*, Yang Y., Li X., Sin G. P.Y., Qiu G., Qian X., Li F., He T., Li P., Liu T., Fu Z. Heavy metals in an impacted wetland system: A typical case from southwestern China. *Science of the Total Environment*, 2007,387: 257 – 268
- [77] Tang S., Feng X., Qiu J., Yin G., Yang Z. Mercury speciation and emissions from coal combustion in Guiyang, southwest China. *Environmental Research*, 2007, 105: 175-182
- [78] Iwata T., Sakamoto M. Feng X., Yoshida M., Liu Xiao-Jie, Dakeishi M., Li P., Qiu G., Jiang H., Nakamura M., Murata K. Effects of mercury vapor exposure on neuromotor function in Chinese miners and smelters. *Int Arch Occup Environ Health*. 2007; 80:381-387
- [79] Wang S., Feng,X\*, Qiu, G., Fu X., Wei Z. Characteristics of mercury exchange flux between soil and air in the heavily air-polluted area, eastern Guizhou, China. *Atmospheric Environment*, 2007, 41: 5584-5594
- [80] Wang S., Feng,X\*, Qiu, G., Shang L., Li P., Wei Z. Mercury concentrations and air/soil fluxes in Wuchuan mercury mining district, Guizhou province, China. *Atmospheric Environment*, 2007, 41, 5984-5993
- [81] Feng XB., Dai QQ., Qiu GL., Li GH., He L., Wang DY. Gold mining related mercury contamination in Tongguan, Shaanxi Province, PR China. *Applied Geochemistry*, 2006, 21 (11): 1955-1968.
- [82] Feng X., Li G., Qiu G. A preliminary study on mercury contamination to the environment from artisanal zinc smelting using indigenous methods in Hezhang county, Guizhou, China: part 2. Mercury contaminations to soil and crop. *Science of the Total Environment*, 2006, 368: 47-55.
- [83] Bi X., Feng X\*, Yang Y., Qiu G., Li Z., Quantitative assessment of cadmium emission from zinc smelting and its influences on the surface soils and mosses in Hezhang County, Southwestern China. *Atmospheric Environment*, 2006, 40, 4228-4233.
- [84] Bi X., Feng X\*, Yuangen Yang, Guangle Qiu, Guanghui Li, Feili Li, Taoze Liu, Zhiyou Fu and Zhisheng Jin. Environmental contamination of heavy metals from zinc smelting areas in Hezhang County, western Guizhou, China. *Environment International*, 2006, 32, 883-890.
- [85] Jiang G-B, Shi J-B., Feng X. Mercury pollution in China- an overview of the past and current sources of the toxic metal. *Environmental Science and Technology*, 2006, 40: 3672-3678.
- [86] Denis M S., Song XJ., Lu J., Feng X. Atmospheric elemental mercury in downtown Toronto. *Atmospheric Environment*, 2006, 40:4016-4024.
- [87] Wang D., He L., Wei S., Feng X. Estimation of mercury emission from different sources to atmosphere in Chongqing, China. *Science of the Total Environment*, 2006, 366: 722-728.
- [88] Wang DY, He L., Shi XJ, Wei SQ, Feng XB. Release flux of mercury from different environmental surfaces in Chongqing, China. *Chemosphere*, 2006, 64 (11): 1845-1854.
- [89] Qiu G., Feng X\*, Wang S., Xiao T. Mercury contaminations from historic mining to water, soil and vegetation in Lanmuchang, Guizhou, Southwestern China. *Science of the Total Environment*, 2006, 368: 56-68.
- [90] Qiu G., Feng X\*, Wang S., Shang L., Environmental contamination of mercury from Hg-mining areas in Wuchuan, northeastern Guizhou, China. *Environmental Pollution* 2006, 142, 549-558.



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