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## 研究队伍

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## 简历:

博士, 研究员, 国家基金委“优秀青年基金”获得者。2007年于中国科学院生态环境研究中心获得博士学位, 2009年至2013年美国纽约州健康部Wadsworth研究中心博士后, 2014年至2015年美国University of California, Riverside研究助理。2015年6月, 进入中科院生态环境研究中心环境化学与生态毒理学国家重点实验室工作。以新型化学污染物为主要研究对象, 在污染物的环境赋存、暴露途径与污染源鉴别、生物富集与体内代谢转化、污染物毒性效应尤其神经毒性等方面开展研究, 评估污染物对生物体及人类的环境健康风险。已发表包括ES&T在内的SCI论文70余篇, 其中第一作者28篇, 全部论文总SCI引用2800余次。现担任Environ. Pollut.等国际期刊编委。

## 研究方向:

新型污染物的环境赋存、代谢转化与毒理效应

## 招生方向:

环境科学、分析化学

## 专家类别:

高级

## 社会任职:

2017, 中国环境科学学会环境化学分会, 委员  
2016, Current Nanomaterials, 编委  
2015, Environmental Pollution, 编委

## 承担科研项目情况:

- (1) 国家自然科学基金优秀青年科学基金项目, 环境污染与健康, 2016/01-2018/12
- (2) 国家自然科学基金项目, 纳米尺度金属-有机骨架材料的神经发育毒性与分子作用机制, 2017/01-2020/12

## 获奖及荣誉:

2015, 国家基金委优秀青年基金

## 代表论著:

- (1) Wang XY, Hou XW, Hu Y, Zhou QF, Liao CY\*, Jiang GB. Synthetic Phenolic Antioxidants and Their Metabolites in Mollusks from the Chinese Bohai Sea: Occurrence, Temporal Trend, and Human Exposure. Environmental Science and Technology. 2018, 52(17), 10124-10133.
- (2) Liao CY, Kannan K\*. Temporal Trends of Parabens and Their Metabolites in Mollusks from the Chinese Bohai Sea during 2006-2015: Species-Specific Accumulation and Implications for Human Exposure. Environmental Science and Technology. 2018, 52(16), 9045-9055.
- (3) Liao CY, Kim UJ, Kannan K\*. A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles. Environmental Science and Technology. 2018, 52(9), 5007-5026.
- (4) Liao CY, Kannan K\*. Widespread occurrence of benzophenone-type UV light filters in personal care products from China and the United States: an assessment of human exposure. Environmental Science and Technology. 2014, 48(7), 4103-4109.
- (5) Liao CY, Lee SG, Moon HB, Yamashita N, Kannan K\*. Parabens in Sediment and Sewage Sludge from the United States, Japan, and Korea: Spatial Distribution and Temporal Trends. Environmental Science and Technology. 2013, 47(19), 10895-10902.
- (6) Liao CY, Liu F, Kannan K\*. Occurrence of and Dietary Exposure to Parabens in Foodstuffs from the United States. Environmental Science and Technology. 2013, 47(8), 3918-3925.
- (7) Liao CY, Liu F, Moon HB, Yamashita N, Yun SH, Kannan K\*. Bisphenol analogues in sediments from industrialized areas in the United States, Japan, and Korea: spatial and temporal distributions. Environmental Science and Technology. 2012, 46(21), 11558-11565.

- (8) Liao CY, Liu F, Guo Y, Moon HB, Nakata H, Wu Q, Kannan\*. Occurrence of eight bisphenol analogues in indoor dust from the United States and several Asian countries: implications for human exposure. *Environmental Science and Technology*. 2012, 46(16), 9138-9145.
- (9) Liao CY, Liu F, Alomirah H, Loi VD, Mohd MA, Moon HB, Nakata H, Kannan K\*. Bisphenol S in urine from the United States and seven Asian countries: occurrence and human exposures. *Environmental Science and Technology*. 2012, 46(12), 6860-6866.
- (10) Liao CY, Liu F, Kannan K\*. Bisphenol S, a new bisphenol analogue, in paper products and currency bills and its association with bisphenol A residues. *Environmental Science and Technology*. 2012, 46(12), 6515-6522.
- (11) Liao CY, Kannan K\*. Determination of free and conjugated forms of bisphenol A in human urine and serum by liquid chromatography-tandem mass spectrometry. *Environmental Science and Technology*. 2012, 46(9), 5003-5009.
- (12) Liao CY, Kannan K\*. Widespread occurrence of bisphenol A in paper and paper products: implications for human exposure. *Environmental Science and Technology*. 2011, 45(21), 9372-9379.
- (13) Liao CY, Kannan K\*. High levels of bisphenol A in paper currencies from several countries, and implications for dermal exposure. *Environmental Science and Technology*. 2011, 45(16), 6761-6768.
- (14) Liao CY, Wang T, Cui L, Zhou QF, Duan SM, Jiang GB\*. Changes in synaptic transmission, calcium current and neurite growth by perfluorinated compounds are dependent on the chain length and functional group. *Environmental Science and Technology*. 2009, 43, 2099-2104.
- (15) Liao CY, Li XY, Wu B, Duan SM\*, Jiang GB\*. Acute enhancement of synaptic transmission and chronic inhibition of synaptogenesis induced by perfluorooctane sulfonate through mediation of voltage-dependent calcium channel. *Environmental Science and Technology*. 2008, 42, 5335-5341.



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