

Dr Yuning Ma PhD

Marie Curie Research Fellow

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About

Dr Ma's current research focuses on evaluation of indoor dust as a pathway of human exposure to persistent organic compounds.

Qualifications

PhD, Indiana University, 2013

Biography

Dr Ma obtained his PhD from Indiana University in 2013. His PhD research was supervised by Distinguished Prof. Ronald Hites and dealt with flame retardants in the atmosphere over the Great Lakes region. He subsequently joined Prof. Stuart Harrad's group at University of Birmingham for a post-doc position researching on persistent organic compounds indoor dust.

Research

Research interests

Organic Analytical Chemistry with GC/MS

Publications

Salamova, A.; **Ma, Y.**; Venier, M.; Hites, R. A. High Levels of Organophosphate Flame Retardants in the Great Lakes Atmosphere. *Environmental Science and Technology Letters*, accepted, September 2013.

Ma, Y.; Salamova, A.; Venier, M.; Hites, R. A. Has the phase-out of PBDEs affected their atmospheric levels? Trends of PBDEs and their replacements in the Great Lakes atmosphere. *Environmental Science and Technology*, accepted, September 2013.

Ma, Y.; Hites, R.A. Electron Impact, Electron Capture Negative Ionization, and Positive Chemical Ionization Mass Spectra of Selected Organophosphorus Flame Retardants and Plasticizers. *Journal of Mass Spectrometry*, 2013, 48, 931–936.

Ma, Y.; Venier, M.; Hites, R. A. Tribromophenoxy Flame Retardants in the Great Lakes Atmosphere. *Environmental Science and Technology*, 2012, 46, 13112–13117.

Venier, M.; **Ma, Y.**; Hites, R.A. Bromobenzene Flame Retardants in the Great Lakes Atmosphere. *Environmental Science and Technology*, 2012, 46, 8653–8660.

Ma, Y.; Venier, M.; Hites, R. A. 2-Ethylhexyl tetrabromobenzoate and bis(2-ethylhexyl) tetrabromophthalate flame retardants in the Great Lakes atmosphere. *Environmental Science and Technology*, 2012, 46, 204–208.

Qiu, J.; Wang, Q.; **Ma, Y.**; Yang, L.; Huang, B. On-line pre-reduction of Se (VI) by thiourea for selenium speciation by hydride generation. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 2006, 61, 803-809.

Chen, C.; Zhuang, Z.; Liu, H.; Huang, R.; Tan, F.; **Ma, Y.**; Wang, X. Determination of cadmium in environmental and biological samples by ID-ICP-MS. *Chinese Journal of analysis laboratory*, 2006, 25, 44-48.