

[Link to Research Activity](#)

CURRICULUM VITAE

NAME: Yuichi Miyake BIRTH: January, 1978

TITLE: Assistant Professor

AFFILIATION: Laboratory of Atmospheric Environment
Institute for Environmental Sciences, University of Shizuoka, Japan
Graduate Division of Nutritional and Environmental Sciences, University of Shizuoka,
Japan

MAJOR RESEARCH INTERESTS: Persistent Organic Pollutants, Risk Assessment,
Halogenated Polycyclic Aromatic Hydrocarbons, Environmental Analytical Chemistry,
Combustion Chemistry

ACADEMIC CAREER HISTORY:

2013: Visiting Scientist, Wadsworth Center, New York State Department of Health, USA

2010-present: Assistant Professor, Institute for Environmental Sciences, University of
Shizuoka, Japan; Assistant Professor, Graduate Division of Nutritional and
Environmental Sciences, University of Shizuoka, Japan

2007-2010: Assistant Professor, Center for Risk Management and Safety Sciences,
Yokohama National University, Japan

2005-2007: AIST Postdoctoral Research Scientist, Research Institute for Environmental
Management Technology, National Institute of Advanced Industrial Science and
Technology, Japan

2005: Ph.D. Degree (Engineering, Yokohama National University)

SELECTED PUBLICATIONS (IF in 2012):

1. Miyake Y., Kobayashi T., Kameya T., Managaki S., Amagai T., Masunaga S.,
Comparison study on observed and estimated concentrations of perfluorooctane
sulfonate using a fate model in Tokyo Bay of Japan, Journal of Environmental
Science and Health, Part A, In Press. (IF=1.252)
2. Miyake Y., Kobayashi T., Kameya T., Amagai T., Design and Development of
Comprehensive Exposure Scenarios to Chemicals, Environment and Natural
Resources Journal, 11 (2013) 12-20

3. Pan J., Yang Y., Zhu X., Yeung L.W.Y., Taniyasu S., Miyake Y., Falandysz J., Yamashita N., Altitudinal distributions of PCDD/Fs, dioxin-like PCBs and PCNs in soil and yak samples from Wolong high mountain area, eastern Tibet-Qinghai Plateau, China, *Science of the Total Environment*, 444 (2013) 102-109. (IF= 3.258)
4. Miyake Y., Kobayashi T., Inaba K., Watabe I., Kasuya N., Kameya T., Comparison of observed and estimated concentrations of volatile organic compounds using a Gaussian dispersion model in the vicinity of factories: An estimation approach to determine annual average concentrations and human health risks, *Journal of Environmental Science and Health, Part A*, 45 (2010) 527-533. (IF=1.252)
5. Miyake Y., Jiang Q., Hanari N., Okazawa T., Wyrzykowska B., So MK., Lam PKS., Yamashita N., Preliminary health risk assessment for polybrominated diphenyl ethers, polybrominated biphenyls, and polybrominated dibenzo-p-dioxins/furans in seafood from Guangzhou and Zhoushan, China, *Marine Pollution Bulletin*, 57 (2008) 357-364. (IF=2.531)
6. Yeung LYW., Miyake Y., Taniyasu S., Wang Y., Yu H., So MK., Jiang G., Wu Y., Li J., Giesy JP., Yamashita N., Lam PKS., Perfluorinated compounds, and total and extractable organic fluorine in human blood samples from China, *Environmental Science & Technology*, 42 (2008) 8140–8145. (IF=5.257)
7. Miyake Y., Yamashita N., Rostkowski P., So MK., Taniyasu S., Lam PKS., Kannan K., Determination of Trace Levels of Total Fluorine in Water Using Combustion Ion Chromatography for Fluorine: A Mass Balance Approach to Determine Individual Perfluorinated Chemicals in water, *Journal of Chromatography A*, 1143 (2007) 98-104. (IF=4.612)
8. Miyake Y., Yamashita N., So MK., Rostkowski P., Taniyasu S., Lam PKS., Kannan K., Trace analysis of total fluorine in human blood using combustion ion chromatography for fluorine : A mass balance approach for the determination of known and unknown organofluorine compounds, *Journal of Chromatography A*, 1154 (2007) 214-221. (IF=4.612)
9. Miyake Y., Kato M., Urano K., A Method for Measuring Semi- and Non-Volatile Organic Halogens (SNVOXs) by Combustion Ion Chromatography, *Journal of Chromatography A*, 1139 (2007) 63-69. (IF=4.612)
10. Hanari N., Kannan K., Miyake Y., Okazawa T., Prasada Rao S. Kodavanti, Kenneth M. Aldous, Yamashita N., Occurrence of Polybrominated Biphenyls, Polybrominated Dibenzo-p-dioxins, and Polybrominated Dibenzofurans as Impurities in Commercial Polybrominated Diphenyl Ether Mixtures, *Environmental*

Science & Technology, 40 (2006) 4400-4405. (IF=5.257)