

[Link to Research Activity](#)

Name: Takashi Amagai Ph.D. (Science),

Position: Associate Professor, University of Shizuoka.

Education:

Apr.1982-Mar.1986 B.A. in Science (Chemistry), University of Tokyo,

Apr.1986-Mar.1988 Master of Science (Chemistry), Graduate School,
University of Tokyo,

Apr.1988-Mar.1992 Ph. D. (Science), Graduate School, University of Tokyo,

Experience

Apr.1992-Mar.1998, Research Associate,

Mar.1998-Present, Associate Professor,

Graduate School of Nutritional and Environmental Sciences &

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Recent publications:

1. Kenji Sakurai, Yuichi Miyake and Takashi Amagai: Reliable Passive-Sampling Method for Determining Outdoor 1,3-Butadiene Concentrations in Air. *Atmospheric Environment*, accepted. DOI: 10.1016/j.atmosenv.2013.07.039
2. Taketoshi Kido, Hiroyuki Sakakibara, Takeshi Ohura, Keerthi S. Guruge, Mitsuhiro Kojima, Jun Hasegawa, Takeru Iwamura, Noriko Yamanaka, Shuichi Masuda, Masato Sakaguchi, Takashi Amagai and Kayoko Shimoi: Evaluation of Chlorinated Benz[a]anthracene on Hepatic Toxicity in Rats and Mutagenic Activity in Salmonella typhimurium. *Environmental Toxicology*, **28**(1), 21-30 (2013).
3. Mabuchi Ryota, Aya Kurita, Noriyuki Miyoshi, Akira Yokoyama, Takumi Furuta, Toshinao Goda, Yoshihide Suwa, Toshiyuki Kan, Takashi Amagai and Hiroshi Ohshima: Analysis of N^ε-ethyllysine in human plasma proteins by gas chromatography-negative ion chemical ionization/mass spectrometry as a biomarker for exposure to acetaldehyde and alcohol. *Alcoholism: Clinical and Experimental Research*, **36**(6) 496–508 (2012).
4. Shohei Yamashita, Kazunari Kume, Toshiyuki Horiike, Nobuyuki Honma, Masahiro Fusaya, Takeshi Ohura and Takashi Amagai: Emission sources and their contribution to indoor air pollution by carbonyl compounds in a

school and a residential building in Shizuoka, Japan. *Indoor and Built Environment*, **21**(3), 392-402 (2012).

5. Yuichi Miyake, Liang Tang, Yuichi Horii, Kiyoshi Nojiri, Nobutoshi Ohtsuka, Yoshinori Fujimine, Takashi Amagai: Concentration profiles of halogenated polycyclic aromatic hydrocarbons in flue gas, bottom ash, and fly ash from waste incinerator. *Organohalogen Compounds*, **74**, 636-639 (2012).
6. Takashi Amagai: Measurement of anthropogenic VOCs and their impact on Environment. *Environment and National Resources Journal*, **9**(1) 1-5 (2011).
7. Yuichi Miyake, Liang Tang, Takeshi Kobayashi, Takashi Kameya, Managaki S, Shigeki Masunaga, Yoshinori Fujimine, Yuichi Horii, Takashi Amagai: A Preliminary study for combustion of hexabromocyclododecane (HBCD) and its by-products, *Organohalogen Compounds*, **73**, 412-415 (2011).
8. Hao Lu, Takashi Amagai and Takeshi Ohura: Comparison of polycyclic aromatic hydrocarbon pollution in Chinese and Japanese residential air. *Journal of Environmental Sciences*, **23**, (9) 1512-1517 (2011).