

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

Position: 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,

Apr.1998- Mar. 2017 Associate Professor

Apr. 2017-Present, Professor,

Department of Environment and Life Sciences, School of Food and Nutritional  
Sciences, University of Shizuoka, & Graduate Division of Nutritional and  
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Recent publications:

1. Kento Sei, Qi Wang, Masahiro Tokumura, Shinji Suzuki, Yuichi Miyake\*, and Takashi Amagai\*(Corresponding): Polycyclic Aromatic Hydrocarbons and Their Halogenated Derivatives in a Traditional Smoke-Dried Fish Product in Japan: Occurrence and Countermeasures. ACS Food Science & Technology, 2021,1, 960-966.  
<https://doi.org/10.1021/acsfoodscitech.1c00085>
2. Qi Wang, Masahiro Tokumura, Yuichi Miyake and Takashi Amagai\*(Corresponding): Optimization of method for extracting 46 volatile organic compounds (VOCs) from an activated carbon–silica gel active sampler to evaluate indoor work environments. Air Quality, Atmosphere & Health, published online: 18 June 2021. <https://doi.org/10.1007/s11869-021-01024-8>, (IF=3.111)
3. Kento Sei, Qi Wang, Masahiro Tokumura, Anwar Hossain, Mohammad Raknuzzaman, Takashi Amagai\*(Corresponding): Occurrence, potential source, and cancer risk of PM<sub>2.5</sub>-bound polycyclic aromatic hydrocarbons and their halogenated derivatives in Shizuoka, Japan, and Dhaka, Bangladesh. Environmental Research, 196 (2021). 110909

<https://doi.org/10.1016/j.envres.2021.110909>, (IF=5.735)

4. Kento Sei, Qi Wang, Masahiro Tokumura, Yuichi Miyake and Takashi Amagai\* (Corresponding): Accurate and Ultrasensitive Determination of 72 Parent and Halogenated Polycyclic Aromatic Hydrocarbons in a Variety of Environmental Samples via Gas Chromatography–Triple Quadrupole Mass Spectrometry. *Chemosphere*, 271(2021) 129535. DOI: 10.1016/j.chemosphere.2021.129535, (IF=5.705)
5. Misato MASUDA, Qi WANG, Masahiro TOKUMURA, Yuichi MIYAKE, and Takashi AMAGAI\* (Corresponding): Quantification of Brominated Polycyclic Aromatic Hydrocarbons in Environmental Samples by Liquid Chromatography Tandem Mass Spectrometry with Atmospheric Pressure Photoionization and Post-Column Infusion of Dopant (LC-DA-APPI-MS/MS). *Analytical Sciences*, 36(9) 1105-1112 (2020). DOI: 10.2116/analsci.20P025, (IF=1.485)
6. Misato Masuda, Qi Wang, Masahiro Tokumura, Yuichi Miyake, Takashi Amagai\* (Corresponding): Risk assessment of polycyclic aromatic hydrocarbons and their chlorinated derivatives produced during cooking and released in exhaust gas. *Ecotoxicology and Environmental Safety*, 197, 110592 (2020). Doi: 10.1016/j.ecoenv.2020.110592, (IF=4.000)
7. Kosuke Muramatsu, Masahiro Tokumura, Qi Wang, Yuichi Miyake, Takashi Amagai and Masakazu Makino: Mitigation of the inhibitory effects of co-existing substances on the Fenton process by UV light irradiation. *Journal of Environmental Science and Health, Part A*, 55:6, 730-738, (2020). DOI: 10.1080/10934529.2020.1737460, (IF=1.536)
8. Tokumura M., Nitta S., Hayashi T., Yamaguchi R., Wang Q., Miyake Y.\*, Amagai T.\*, Makino M., Probabilistic exposure assessment of aggregate rates of dermal exposure of Japanese women and children to parabens in personal care products, *Chemosphere*, 239, 124704 (2020).  
<https://doi.org/10.1016/j.chemosphere.2019.124704>, (IF=5.705)
9. Misato Masuda, Qi Wang, Masahiro Tokumura, Yuichi Miyake, Takashi Amagai\* (Corresponding): Simultaneous determination of polycyclic

aromatic hydrocarbons and their chlorinated derivatives in grilled foods. *Ecotoxicology and Environmental Safety*, 178, 188-194, (2019). DOI: 10.1016/j.ecoenv.2019.04.046, (IF=4.000)

10. Masahiro Tokumura, Makiko Seo, Qi Wang, Yuichi Miyake, Takashi Amagai, Masakazu Makino: Dermal Exposure to Plasticizers in Nail Polishes: An Alternative Major Exposure Pathway of Phosphorus-Based Compounds. *Chemosphere*, 226, 316-320, (2019). (IF=4.551)