

主な研究業績

種類	著書/論文/論題名	掲載誌巻号/ 発行者/学会名	発表 年月	備考/ 執筆ページ
著書				
単著	Mitigation of arsenic toxicity by plant products	Arsenic Toxicity: Prevention and Treatment	2015	235-339
共著	Arsenic Metabolism and Toxicity in Humans and Animals: Racial and Species Differences	Current Topics in Environmental Health and Preventive Medicine Hiroshi Yamauchi and Guifan Sun (Eds) Springer Nature ISBN:978-981-13- 2564-9	2018	p.13-28
共著	Contamination by arsenic in humans and risk assessment	Chemical Pollution in Indochina - Contamination Status, Ecosystem Impact and Remediation Technology	2009	145-159
共著	Contamination by arsenic and other trace elements in groundwater	Chemical Pollution in Indochina - Contamination Status, Ecosystem Impact and Remediation Technology	2009	44-55
論文				
単著	慢性ヒ素曝露は寄生虫の薬剤耐性をもたらす	ファルマシア, 50/7	2014	696
共著	Acesulfame as a suitable sewer tracer on groundwater pollution: A case study before and after the 2016 Mw 7.0 Kumamoto earthquakes	Science of The Total Environment	2020年9月	754, 142409
共著	Comprehensive target analysis of micropollutants in soil at debris storage sites of the Kumamoto earthquake	Soil and Sediment Contamination: An International Journal, 29	2020	452-463
共著	Effects of prenatal bisphenol A exposure on the hepatic transcriptome and proteome in rat offspring	Science of The Total Environment, 720	2020	137568
共著	Polycyclic Aromatic Hydrocarbons (PAHs) in Road Dust Collected from Myanmar, Japan, Taiwan, and Vietnam	Archives of Environmental Contamination and Toxicology.	2020	34-45
共著	E-waste recycling in Africa: risks and opportunities.	Current Opinion in Green and Sustainable Chemistry	2019年5月	109-117
共著	Soil Pollution by Chlorobenzenes and Polychlorinated Biphenyls from an Electronic Waste Recycling Area in Northern Vietnam	International Journal of Environment and Pollution	2018年7月	283-297
共著	Effects of 4-Hydroxy-2,3,3',4',5-pentachlorobiphenyl (4-OH-CB107) on Liver Transcriptome in Rats: Implication in the Disruption of Circadian Rhythm and Fatty Acid Metabolism	Toxicological Sciences	2018年5月	1-13
共著	Effect of lead speciation on its oral bioaccessibility in surface dust and soil of electronic-wastes recycling sites	Journal of Hazardous Materials, 341	2018	365-372

共著	Hair mercury levels in relation to fish consumption among Vietnamese in Hanoi	The Journal of Toxicological Sciences, 42/5	2017年9月	651-662
共著	Strain differences in the proteome of dioxin-sensitive and -resistant mice treated with 2,3,7,8-tetrabromodibenzo-p-dioxin	Archives of Toxicology, 4	2017	1763-1782
共著	Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis	Aquatic Toxicology, 177	2016	156-170
共著	Lead Contamination in Surface Soil on Roads from Used Lead-Acid Battery Recycling in Northern Vietnam	Journal of Material Cycles and Waste Management, 18	2016	599-607
共著	In vitro and in silico analyses for predicting hepatic cytochrome p450-dependent metabolic potencies of polychlorinated biphenyls in the Baikal seal	Environmental Science and Technology, 49(24)	2015	14588-14596
共著	AS3MT遺伝子多型と無機ヒ素のメチル化能力との関係	日本衛生学雑誌, 70	2015	186-196 (Invited review article)
共著	HP genotyping of Vietnamese: global distribution of HPdel, complete deletion allele of the haptoglobin gene	Legal Medicine, 17(1)	2015	14-16
共著	Human exposure to arsenic from drinking water in Vietnam	Science of the Total Environment, 488-489	2014	562-569
共著	Exposure assessment of lead to workers and children in the battery recycling craft village, Dong Mai, Vietnam	Journal of Material Cycles and Waste Management, 16(1)	2014	46-51
共著	Sedimentary records of metal depositions in Japanese alpine lakes for the last 250 years: Recent enrichments of airborne Sb and In in East Asia	Science of the Total Environment, 442	2013	189-197
共著	Changes in trophic conditions of Japanese mountain lakes due to increasing amounts of Asian dust	Ecological Research, 27(6)	2012	1041-1052
共著	Vanadium accelerates horizontal transfer of tet(M) gene from marine Photobacterium to E. coli	FEMS Microbiology Letter, 336(1)	2012	52-56
共著	Impact of metals in surface matrices from formal and informal electronic-waste recycling around Metro Manila, the Philippines, and intra-Asian comparison	Journal of Hazardous Materials, 221-222	2012	139-146
共著	Multi-trace element levels and arsenic speciation in urine of e-waste recycling workers from Agbogbloshie, Accra in Ghana	Science of the Total Environment 424	2012	63-73
共著	Genetic variation of FUT2 in a Vietnamese population: identification of two novel Se enzyme-inactivating mutations	Transfusion, 52/6	2012	1268-1275
共著	Individual variations in arsenic metabolism in Vietnamese: the association with arsenic exposure and GSTP1 genetic polymorphism	Metallomics, 4 (1)	2012	91-100
共著	Trace elements in Anadara spp. (Mollusca: Bivalva) collected along the coast of Vietnam, with emphasis on regional differences and human health risk assessment	Fisheries Science, 77/6	2011	1033-1043
共著	Arsenic and Mn levels in Isaza (Gymnogobius isaza) during the mass mortality event in Lake Biwa, Japan	Environmental Pollution, 159/10	2011	2789-2796
共著	Individual variation in inorganic arsenic metabolism associated with AS3MT genetic polymorphisms	International Journal of Molecular Sciences, 12 (4)	2011	2351-2382 (Invited review article)
共著	Accumulation features of trace elements in mass-stranded harbor seals (Phoca vitulina) in the North Sea coast in 2002: The body distribution and association with growth and nutrition status	Marine Pollution Bulletin, 62(5)	2011	963-975
共著	Spatial distribution and corresponding determining factors of metal concentrations in surface sediments of Beppu Bay, southwest Japan	Marine Environmental Research, 71(4)	2011	247-256
共著	8-Hydroxy-2'-deoxyguanosine and arsenic compounds in urine and serum of a 4-year-old child suffering from acute promyelocytic leukemia during treatment with arsenic trioxide	Forensic Toxicology, 29 (1)	2011	65-68

共著	Accumulation of trace elements in harp seals (<i>Phoca groenlandica</i>) from Pangnirtung in Baffin Island, Canada	Marine Pollution Bulletin, 63(5-12)	2011	489-499
共著	Stable isotope-guided analysis of biomagnification profiles of arsenic species in a tropical mangrove ecosystem	Marine Pollution Bulletin, 63(5-12)	2011	124-134
共著	Intake and excretion of arsenic in green turtles (<i>Chelonia mydas</i>) and hawksbill turtles (<i>Eretmochelys imbricata</i>)	Environmental Chemistry, 8 (1)	2011	19-29 (Invited article)
共著	Exposure, metabolism, and health effects of arsenic in residents from arsenic-contaminated groundwater areas of Vietnam and Cambodia: a review	Reviews on Environmental Health, 25 (3)	2010	193-220 (Invited review article)
共著	Trace elements and stable isotopes ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in whole fish from deep-water of the Sulu Sea and the Celebes Sea	Marine Pollution Bulletin, 60 (9)	2010	1560-1570
共著	Concentrations of trace elements in <i>Meretrix</i> spp. (Mollusca: Bivalva) along the coasts of Vietnam	Fisheries Science, 76 (4)	2010	677-686
共著	ベトナム人におけるAS3MT遺伝子多型とヒ素代謝能の関係	DNA多型, 18	2010	242-245
共著	mtDNA配列による迅速簡便なヤマトシジミの同定および産地判別の検討	DNA多型, 18	2010	109-112
共著	Global analysis of genetic variation in human arsenic (+3 oxidation state) methyltransferase (AS3MT)	Toxicology and Applied Pharmacology, 243(3)	2010	292-299
共著	Genetic polymorphisms in glutathione S-transferase (GST) superfamily and arsenic metabolism in residents of the Red River Delta, Vietnam	Toxicology and Applied Pharmacology, 242 (3)	2010	352-362
共著	Ethnic variation in genotype frequencies of δ -aminolevulinic acid dehydratase (ALAD)	Toxicology Letters, 191 (2-3)	2009	236-239
共著	ヒ素代謝に関与するAS3MT M287T 多型はアジア人特異的低変異性を示す	DNA多型, 17	2009	169-172
共著	Zinc is an essential trace element for spermatogenesis in male	Proceedings of the National Academy of Sciences (PNAS), 106(26)	2009	10859-10864
共著	Contamination by trace elements in e-waste recycling sites in Bangalore, India	Chemosphere, 76(1)	2009	9-15
共著	Genetic polymorphisms in AS3MT and arsenic metabolism in residents of the Red River Delta, Vietnam	Toxicology and Applied Pharmacology, 236(2)	2009	131-141
共著	8-Hydroxy-2'-deoxyguanosine (8-OHdG) as a possible marker of arsenic poisoning: a clinical case study on the relationship between concentrations of 8-OHdG and each arsenic compound in urine of an acute promyelocytic leukemia patient being treated with arsenic trioxide	Forensic Toxicology, 27(1)	2009	41-44
共著	Diversity of glutathione s-transferase omega 1 (A140D) and 2 (N142D) gene polymorphisms in worldwide populations	Clinical and Experimental Pharmacology and Physiology, 36(3)	2009	283-286
共著	Ethnic differences in five intronic polymorphisms associated with arsenic metabolism within human arsenic (+3 oxidation state) methyltransferase (AS3MT) gene	Toxicology and Applied Pharmacology, 234(1)	2009	41-46
共著	Relationship of urinary arsenic metabolites to intake estimates in residents of the Red River Delta, Vietnam	Environmental Pollution, 157(2)	2009	396-403
共著	Relationship between genetic polymorphism of arsenic (+3 oxidation state) methyltransferase (AS3MT) and profiles of urinary arsenic compounds in Vietnamese	Biomedical Research on Trace Elements, 19(3)	2009	265-267
共著	Human exposure to arsenic from groundwater in the Red River and the Mekong River Deltas in Vietnam	International Journal of Environmental Studies, 66(1)	2009	49-57
共著	Effects of arsenic on gonadal development in freshwater crabs, <i>Somanniathelphusa pax</i> in Viet Nam and <i>Geothelphusa dehaani</i> in Japan	Ecotoxicology, 17(8)	2008	772-780
共著	Trace elements and stable isotopes ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in shallow and deep-water organisms from the East China Sea	Environmental Pollution, 156(3)	2008	862-873

共著	Interelement relationships and age-related variation of trace element concentrations in liver of striped dolphins (<i>Stenella coeruleoalba</i>) from Japanese coastal waters	Marine Pollution Bulletin, 57(6-12)	2008	807-815
共著	Arsenic species and their accumulation features in green turtles (<i>Chelonia mydas</i>)	Marine Pollution Bulletin, 57(6-12)	2008	782-789
共著	Accumulation features of arsenic in hawksbill turtles and green turtles	Biomedical Research on Trace Elements, 19(1)	2008	63-66
共著	Specific accumulation of arsenic compounds in green turtles (<i>Chelonia mydas</i>) and hawksbill turtles (<i>Eretmochelys imbricata</i>) from Ishigaki Island, Japan	Environmental Pollution, 153(1)	2008	127-136
共著	Contamination status and accumulation profiles of organotins in sea otters (<i>Enhydra lutris</i>) found dead along the coasts of California, Washington, Alaska (USA), and Kamchatka (Russia)	Marine Pollution Bulletin, 56(4)	2008	641-649
共著	Chlorinated, brominated, and perfluorinated compounds, polycyclic aromatic hydrocarbons and trace elements in livers of sea otters from California, Washington, and Alaska (USA), and Kamchatka (Russia)	Journal of Environmental Monitoring, 10(4)	2008	552-558
共著	Arsenic in marine mammals, seabirds and sea turtles	Review of Environmental Contamination and Toxicology, 195	2008	31-69
共著	Population differences in the human arsenic (+3 oxidation state) methyltransferase (AS3MT) gene polymorphism detected by using genotyping method	Toxicology and Applied Pharmacology, 225(3)	2007	251-254
共著	Trace element concentrations in livers of polar bears from two population in northern and western Alaska	Archives of Environmental Contamination and Toxicology. 53(3)	2007	473-482
共著	Effects of lead, molybdenum, rubidium, arsenic and organochlorines on spermatogenesis in fish: monitoring at Mekong Delta Area and in vitro experiment	Aquatic Toxicology, 83(1)	2007	43-51
共著	Mercury in hair and blood from residents of Phnom Penh (Cambodia) and possible effect on serum hormone levels	Chemosphere, 68(3)	2007	590-596
共著	海棲動物におけるヒ素の化学形態と蓄積特性	環境科学学会誌, 20(2)	2007	133-153
共著	Arsenic pollution in groundwater of Vietnam and Cambodia: a review	Biomedical Research on Trace Elements, 18(1)	2007	35-47 (Invited review article)
共著	水圏生態系の化学物質汚染	薬学雑誌, 127(3)	2007	417-428
共著	Exposure assessment for trace elements from consumption of marine fish in Southeast Asia	Environmental Pollution, 145(3)	2007	767-777
共著	Contamination status of arsenic and other trace elements in drinking water and residents from Tarkwa, a historic mining township in Ghana	Chemosphere, 66(8)	2007	1513-1522
共著	Lead contamination and its human health effects in India, Vietnam and Cambodia	Biomedical Research on Trace Elements, 17(4)	2006	413-416
共著	Comparison of trace element concentrations in livers of diseased, emaciated and non-diseased southern sea otters from the California coast	Chemosphere, 65(11)	2006	2160-2167
共著	Urinary 8-hydroxy-2'-deoxyguanosine in inhabitants chronically exposed to arsenic in groundwater in Cambodia	Journal of Environmental Monitoring, 8(2)	2006	293-299
共著	Contamination by arsenic and other trace elements in tube-well water and its risk assessment to humans in Hanoi, Vietnam	Environmental Pollution, 139(1)	2006	95-106
共著	Widely-distributed arsenic pollution in groundwater in the Red River Delta, Vietnam	Biomedical Research on Trace Elements, 16(4)	2005	296-298
共著	Concentrations of trace elements in marine fish and its risk assessment in Malaysia	Marine Pollution Bulletin, 51(8-12)	2005	896-911
共著	Body distribution of trace elements in black-tailed gull from Rishiri Island, Japan: age-dependent accumulation and transfer to feathers and eggs	Environmental Toxicology and Chemistry, 24(9)	2005	2107-2120

共著	Mercury contamination in human hair and fish from Cambodia: levels, specific accumulation and risk assessment	Environmental Pollution, 134(1)	2005	79-86
共著	Contamination by trace elements in groundwater of Vietnam	Biomedical Research on Trace Elements, 15(4)	2004	339-341
共著	Concentrations of trace elements in muscle of sturgeons in the Caspian Sea	Marine Pollution Bulletin, 49(9-10)	2004	789-800
共著	Lead pollution in south India	Biomedical Research on Trace Elements, 14(4)	2003	272-274
共著	Preliminary studies on trace element contamination in dumping sites of municipal wastes in India and Vietnam	Journal de Physique IV, 107(1)	2003	21-24
学会発表				
单著	Brief Introduction of Studies on Contamination by Metals in Asian Countries	First Workshop on Indoor Air Pollution and Advanced Air Pollution Control Technologies: Kumamoto, Japan	2016年1月	(oral)
共著	Exposure assessment of methylmercury among Vietnamese in Hanoi	2019 Conference of the International Society for Environmental Epidemiology and International Society of Exposure Science Asia Chapter (ISEE-ISES AC 2019)	2019年10月	p.141 (oral)
共著	Difference in arsenic metabolic capacity by AS3MT splicing variants	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2019年9月	p.81 (oral)
共著	Identification of secondary microplastic formation factors	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2019年9月	p.63 (oral)
共著	Impact of migratory birds on water quality in a closed water area	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2019年9月	p.51 (oral)
共著	Contamination by arsenic and mercury in Myanmar	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2019年9月	p.47 (oral)
共著	Environmental Contamination by Metals in Myanmar: Case Study of Arsenic in Groundwater	Joint Seminar on Environmental Chemistry for Collaboration Research between Myanmar and Japan	2018年12月	p.9 (oral)

共著	Microplastic Pollution Originated from Drifted Wastes of Coastal Areas in Kumamoto	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2018年9月	p.91 (oral)
共著	Environmental Effects by Disaster Waste Caused by the Kumamoto Earthquake.	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2018年9月	p.89 (oral)
共著	Genotype Distribution of Arsenic Metabolic Enzymes in Asian Population	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2018年9月	p.87 (oral)
共著	Transboundary Pollution by Heavy Metals in East Asia and Its effect on Cetaceans	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2018年9月	p.85 (oral)
共著	Contamination by Arsenic and Other Metals in Groundwater from Myanmar	5th International Arsenic Symposium in Miyazaki ~ Environmental Impact and Health Hazards ~	2018年6月	48-49 (oral)
共著	Why Does Sweetfish (<i>Plecoglossus altivelis</i>) Accumulate Mercury?	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2017年9月	101 (oral)
共著	Assessment of Toxicity of Chronic Arsenic Exposure Using Mice and Its Application to Humans	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2017年9月	99 (oral)
共著	Transboundary Pollution by Mercury and Identification of Its Pollution Sources in East Asia	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2017年9月	97 (oral)
共著	Assessment of Ecological Impacts in Shirakawa River Damaged from a Landslide Caused by the Kumamoto Earthquake	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2017年9月	79 (oral)
共著	Contamination by Arsenic and Other Trace Elements in Groundwater from Myanmar	2017 Eastern Asia Conference for Water Environmental Issue	2017年9月	117 (oral, invited)

共著	Arsenic Pollution in Southeast Asia	Japan - Taiwan International Symposium on Environmental Science, Technology and Management	2017年3月	p.11 (oral, invited)
共著	Trace elements in groundwater after The 2016 Kumamoto Earthquakes	Third Myanmar - Japan International Symposium	2016年12月	p.59 (oral)
共著	Water pollution by trace elements in Myanmar	Third Myanmar - Japan International Symposium	2016年12月	p.41-42 (oral)
共著	Chemical pollution in water environment in Myanmar	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2016年9月	p.110 (oral)
共著	Urgent survey on groundwater pollution caused by The 2016 Kumamoto Earthquakes	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2016年9月	p.90 (oral)
共著	Mercury pollution at small-scale gold mining and e-waste recycling areas in Indonesia	Taiwan-Japan International Symposium on Environmental Science, Technology and Management	2016年9月	p.88 (oral)
共著	Contamination by trace elements associated with e-waste recycling processes in developing countries	2016 1st Eastern Asia Conference for Sustainable Economy (EACSE)	2016年9月	p.106 (oral)
共著	Arsenic Exposure and Arsenic Methylation Capacity in Residents of Asian Countries	International Symposium on Environment and Resource Recycling Technology 2016: Miyazaki, Japan	2016年3月	p.18. (Invited)
共著	Contamination by arsenic and other trace elements in groundwater from the Red and Mekong River Deltas	The Second Myanmar-Japan Symposium: Patheingyi, Myanmar	2015年12月	p.118 (oral)
共著	Metallomics of wildlife: the mechanism of mercury detoxification in higher trophic marine animals	The 3rd Sapporo Summer Seminar for One Health (SaSSOH): Sapporo, Japan	2015年9月	p.20 (Invited)
共著	Arsenic exposure in residents from arsenic-contaminated groundwater areas of Southeast Asia	ASIATOX2015 (The 7th International Congress of Asian Society of Toxicology): Jeju, Korea	2015年7月	p.143 (Invited)