

# Hideshige Takada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4121560/publications.pdf>

Version: 2024-02-01

155  
papers

18,924  
citations

15466

65  
h-index

11581

135  
g-index

159  
all docs

159  
docs citations

159  
times ranked

14346  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Transport and release of chemicals from plastics to the environment and to wildlife. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2027-2045.   | 1.8  | 2,043     |
| 2  | Plastic Resin Pellets as a Transport Medium for Toxic Chemicals in the Marine Environment. Environmental Science & Technology, 2001, 35, 318-324.  | 4.6  | 1,450     |
| 3  | Classify plastic waste as hazardous. Nature, 2013, 494, 169-171.   | 13.7 | 1,203     |
| 4  | Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. Marine Pollution Bulletin, 2011, 62, 1683-1692.  | 2.3  | 654       |
| 5  | Pharmaceutical chemicals and endocrine disrupters in municipal wastewater in Tokyo and their removal during activated sludge treatment. Water Research, 2006, 40, 3297-3303.   | 5.3  | 636       |
| 6  | Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Rivers and Estuaries in Malaysia: A Widespread Input of Petrogenic PAHs. Environmental Science & Technology, 2002, 36, 1907-1918.   | 4.6  | 609       |
| 7  | Accumulation of plastic-derived chemicals in tissues of seabirds ingesting marine plastics. Marine Pollution Bulletin, 2013, 69, 219-222.  | 2.3  | 553       |
| 8  | International Pellet Watch: Global monitoring of persistent organic pollutants (POPs) in coastal waters. 1. Initial phase data on PCBs, DDTs, and HCHs. Marine Pollution Bulletin, 2009, 58, 1437-1446.  | 2.3  | 541       |
| 9  | Removal of selected pharmaceuticals and personal care products (PPCPs) and endocrine-disrupting chemicals (EDCs) during sand filtration and ozonation at a municipal sewage treatment plant. Water Research, 2007, 41, 4373-4382.                  | 5.3  | 508       |
| 10 | Microplastic fragments and microbeads in digestive tracts of planktivorous fish from urban coastal waters. Scientific Reports, 2016, 6, 34351.   | 1.6  | 472       |
| 11 | Concentration of polychlorinated biphenyls (PCBs) in beached resin pellets: Variability among individual particles and regional differences. Marine Pollution Bulletin, 2005, 50, 1103-1114.   | 2.3  | 453       |
| 12 | Distribution and Behavior of Nonylphenol, Octylphenol, and Nonylphenol Monoethoxylate in Tokyo Metropolitan Area: Their Association with Aquatic Particles and Sedimentary Distributions. Environmental Science & Technology, 2001, 35, 1041-1049. | 4.6  | 317       |
| 13 | Distribution of Macrolides, Sulfonamides, and Trimethoprim in Tropical Waters: Ubiquitous Occurrence of Veterinary Antibiotics in the Mekong Delta. Environmental Science & Technology, 2007, 41, 8004-8010.                                       | 4.6  | 317       |
| 14 | Antibiotic contamination and occurrence of antibiotic-resistant bacteria in aquatic environments of northern Vietnam. Science of the Total Environment, 2011, 409, 2894-2901.  | 3.9  | 311       |
| 15 | Microplastics in Sediment Cores from Asia and Africa as Indicators of Temporal Trends in Plastic Pollution. Archives of Environmental Contamination and Toxicology, 2017, 73, 230-239.   | 2.1  | 308       |
| 16 | Evaluation of Pharmaceuticals and Personal Care Products as Water-soluble Molecular Markers of Sewage. Environmental Science & Technology, 2008, 42, 6347-6353.  | 4.6  | 291       |
| 17 | Distribution and origins of polycyclic aromatic hydrocarbons (PAHs) in riverine, estuarine, and marine sediments in Thailand. Marine Pollution Bulletin, 2006, 52, 942-956.  | 2.3  | 284       |
| 18 | Sources of polycyclic aromatic hydrocarbons (PAHs) in street dust in a tropical Asian mega-city, Bangkok, Thailand. Science of the Total Environment, 2007, 384, 420-432.  | 3.9  | 246       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Facilitated Leaching of Additive-Derived PBDEs from Plastic by Seabirds's™ Stomach Oil and Accumulation in Tissues. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11799-11807.   | 4.6 | 229       |
| 20 | Determination of polycyclic aromatic hydrocarbons in urban street dusts and their source materials by capillary gas chromatography. <i>Environmental Science &amp; Technology</i> , 1990, 24, 1179-1186.   | 4.6 | 219       |
| 21 | Ubiquitous occurrence of sulfonamides in tropical Asian waters. <i>Science of the Total Environment</i> , 2013, 452-453, 108-115.  | 3.9 | 204       |
| 22 | Sources of sedimentary PAHs in tropical Asian waters: Differentiation between pyrogenic and petrogenic sources by alkyl homolog abundance. <i>Marine Pollution Bulletin</i> , 2009, 58, 189-200.   | 2.3 | 194       |
| 23 | Evaluation of wastewater and street runoff as sources of perfluorinated surfactants (PFSs). <i>Chemosphere</i> , 2009, 74, 487-493.  | 4.2 | 184       |
| 24 | Measurement of persistent organic pollutants (POPs) in plastic resin pellets from remote islands: Toward establishment of background concentrations for International Pellet Watch. <i>Marine Pollution Bulletin</i> , 2012, 64, 445-448.                  | 2.3 | 170       |
| 25 | Groundwater Pollution by Perfluorinated Surfactants in Tokyo. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3480-3486.   | 4.6 | 154       |
| 26 | Quantitative Application of Fecal Sterols Using Gas Chromatography~Mass Spectrometry To Investigate Fecal Pollution in Tropical Waters: A Western Malaysia and Mekong Delta, Vietnam. <i>Environmental Science &amp; Technology</i> , 2002, 36, 4497-4507. | 4.6 | 153       |
| 27 | Occurrence and Sources of Perfluorinated Surfactants in Rivers in Japan. <i>Environmental Science &amp; Technology</i> , 2008, 42, 6566-6572.  | 4.6 | 151       |
| 28 | Occurrence and characteristics of microplastics in surface road dust in Kusatsu (Japan), Da Nang (Vietnam), and Kathmandu (Nepal). <i>Environmental Pollution</i> , 2020, 256, 113447.   | 3.7 | 148       |
| 29 | IDENTIFICATION OF ESTROGENIC COMPOUNDS IN WASTEWATER EFFLUENT. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2807.   | 2.2 | 146       |
| 30 | Biodegradation experiments of linear alkylbenzenes (LABs): isomeric composition of C12 LABs as an indicator of the degree of LAB degradation in the aquatic environment. <i>Environmental Science &amp; Technology</i> , 1990, 24, 86-91.                  | 4.6 | 143       |
| 31 | Polycyclic Aromatic Hydrocarbon (PAHs) and Hopanes in Stranded Tar-balls on the Coasts of Peninsular Malaysia: Applications of Biomarkers for Identifying Sources of Oil Pollution. <i>Marine Pollution Bulletin</i> , 2001, 42, 1357-1366.                | 2.3 | 139       |
| 32 | Oil Pollution in the Straits of Malacca, Malaysia: A Application of Molecular Markers for Source Identification. <i>Environmental Science &amp; Technology</i> , 2000, 34, 1189-1196.  | 4.6 | 134       |
| 33 | Transport of Sludge-Derived Organic Pollutants to Deep-Sea Sediments at Deep Water Dump Site 106. <i>Environmental Science &amp; Technology</i> , 1994, 28, 1062-1072.   | 4.6 | 131       |
| 34 | Desorption kinetics of hydrophobic organic contaminants from marine plastic pellets. <i>Marine Pollution Bulletin</i> , 2013, 74, 125-131.   | 2.3 | 131       |
| 35 | Water quality management in the lower stretch of the river Ganges, east coast of India: an approach through environmental education. <i>Journal of Cleaner Production</i> , 2007, 15, 1559-1567.   | 4.6 | 129       |
| 36 | Linear alkylbenzenes in urban riverine environments in Tokyo: distribution, source, and behavior. <i>Environmental Science &amp; Technology</i> , 1987, 21, 875-883.   | 4.6 | 128       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Asian Mussel Watch Program: Contamination Status of Polybrominated Diphenyl Ethers and Organochlorines in Coastal Waters of Asian Countries. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4580-4586.   | 4.6  | 126       |
| 38 | Assessment of Groundwater Pollution in Tokyo Using PPCPs as Sewage Markers. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1455-1464.  | 4.6  | 122       |
| 39 | Study on the fate of petroleum-derived polycyclic aromatic hydrocarbons (PAHs) and the effect of chemical dispersant using an enclosed ecosystem, mesocosm. <i>Marine Pollution Bulletin</i> , 2003, 47, 105-113.   | 2.3  | 119       |
| 40 | Physical and chemical effects of ingested plastic debris on short-tailed shearwaters, <i>Puffinus tenuirostris</i> , in the North Pacific Ocean. <i>Marine Pollution Bulletin</i> , 2011, 62, 2845-2849.  | 2.3  | 119       |
| 41 | Distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in street dust from the Tokyo Metropolitan area. <i>Science of the Total Environment</i> , 1991, 107, 45-69.  | 3.9  | 115       |
| 42 | Monitoring of a wide range of organic micropollutants on the Portuguese coast using plastic resin pellets. <i>Marine Pollution Bulletin</i> , 2013, 70, 296-302.  | 2.3  | 115       |
| 43 | Nationwide monitoring of selected antibiotics: Distribution and sources of sulfonamides, trimethoprim, and macrolides in Japanese rivers. <i>Science of the Total Environment</i> , 2011, 409, 5305-5312.   | 3.9  | 113       |
| 44 | Effect of Environmental Factors on the Relationship between Concentrations of Coprostanol and Fecal Indicator Bacteria in Tropical (Mekong Delta) and Temperate (Tokyo) Freshwaters. <i>Applied and Environmental Microbiology</i> , 2004, 70, 814-821.                         | 1.4  | 110       |
| 45 | Bioconcentration and biomagnification of polybrominated diphenyl ethers (PBDEs) through lower-trophic-level coastal marine food web. <i>Marine Pollution Bulletin</i> , 2009, 58, 1217-1224.  | 2.3  | 105       |
| 46 | Benzothiazolamines as Tire-Derived Molecular Markers: Sorptive Behavior in Street Runoff and Application to Source Apportioning. <i>Environmental Science &amp; Technology</i> , 2002, 36, 702-708.   | 4.6  | 104       |
| 47 | Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) and phenolic endocrine disrupting chemicals in South and Southeast Asian mussels. <i>Environmental Monitoring and Assessment</i> , 2007, 135, 423-440.  | 1.3  | 104       |
| 48 | Global occurrence of anti-infectives in contaminated surface waters: Impact of income inequality between countries. <i>Environment International</i> , 2015, 80, 89-97.   | 4.8  | 101       |
| 49 | Biomagnification profiles of polycyclic aromatic hydrocarbons, alkylphenols and polychlorinated biphenyls in Tokyo Bay elucidated by $\delta^{13}C$ and $\delta^{15}N$ isotope ratios as guides to trophic web structure. <i>Marine Pollution Bulletin</i> , 2009, 58, 663-671. | 2.3  | 99        |
| 50 | Historical Trends of N-Cyclohexyl-2-benzothiazolamine, 2-(4-Morpholinyl)benzothiazole, and Other Anthropogenic Contaminants in the Urban Reservoir Sediment Core. <i>Environmental Science &amp; Technology</i> , 2000, 34, 246-253.  | 4.6  | 97        |
| 51 | Alkylbenzene pollution of Tokyo Bay sediments. <i>Nature</i> , 1983, 301, 599-600.  | 13.7 | 96        |
| 52 | Distribution, source identification, and historical trends of organic micropollutants in coastal sediment in Jakarta Bay, Indonesia. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 208-216.  | 6.5  | 84        |
| 53 | PCBs and PBDEs in microplastic particles and zooplankton in open water in the Pacific Ocean and around the coast of Japan. <i>Marine Pollution Bulletin</i> , 2020, 151, 110806.  | 2.3  | 84        |
| 54 | Distribution of linear alkylbenzenes (LABs) in riverine and coastal environments in South and Southeast Asia. <i>Water Research</i> , 2004, 38, 2449-2459.  | 5.3  | 82        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | In Vivo Accumulation of Plastic-Derived Chemicals into Seabird Tissues. <i>Current Biology</i> , 2020, 30, 723-728.e3.   | 1.8 | 82        |
| 56 | An interlaboratory comparison exercise for the determination of microplastics in standard sample bottles. <i>Marine Pollution Bulletin</i> , 2019, 146, 831-837.   | 2.3 | 79        |
| 57 | Multiple evaluations of the removal of pollutants in road runoff by soil infiltration. <i>Water Research</i> , 2008, 42, 2745-2755.  | 5.3 | 77        |
| 58 | Distribution of linear alkylbenzenes (LABs) and linear alkylbenzenesulphonates (LAS) in Tokyo Bay sediments. <i>Estuarine, Coastal and Shelf Science</i> , 1992, 35, 141-156.  | 0.9 | 73        |
| 59 | Spatial variability in persistent organic pollutants and polycyclic aromatic hydrocarbons found in beach-stranded pellets along the coast of the state of São Paulo, southeastern Brazil. <i>Marine Pollution Bulletin</i> , 2016, 106, 87-94. | 2.3 | 73        |
| 60 | Origin of atmospheric polycyclic aromatic hydrocarbons (PAHs) in Chinese cities solved by compound-specific stable carbon isotopic analyses. <i>Organic Geochemistry</i> , 2002, 33, 1737-1745.  | 0.9 | 72        |
| 61 | Long-term decreases in persistent organic pollutants in South African coastal waters detected from beached polyethylene pellets. <i>Marine Pollution Bulletin</i> , 2012, 64, 2756-2760.   | 2.3 | 72        |
| 62 | Size-dependent elimination of ingested microplastics in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Marine Pollution Bulletin</i> , 2019, 149, 110512.  | 2.3 | 71        |
| 63 | Perfluorinated surfactants (PFSs) in size-fractionated street dust in Tokyo. <i>Chemosphere</i> , 2008, 73, 1172-1177.   | 4.2 | 69        |
| 64 | Trace element accumulations in 13 avian species collected from the Kanto area, Japan. <i>Science of the Total Environment</i> , 2007, 373, 512-525.  | 3.9 | 67        |
| 65 | Call for pellets! International Pellet Watch Global Monitoring of POPs using beached plastic resin pellets. <i>Marine Pollution Bulletin</i> , 2006, 52, 1547-1548.  | 2.3 | 63        |
| 66 | Fluorescent Whitening Agents in Tokyo Bay and Adjacent Rivers: Their Application as Anthropogenic Molecular Markers in Coastal Environments. <i>Environmental Science &amp; Technology</i> , 2002, 36, 3556-3563.                              | 4.6 | 62        |
| 67 | Reconstruction of pollution history of organic contaminants in the upper Gulf of Thailand by using sediment cores: First report from Tropical Asia Core (TACO) project. <i>Marine Pollution Bulletin</i> , 2007, 54, 554-565.                  | 2.3 | 61        |
| 68 | Persistent Organic Pollutants (POPs), Polycyclic Aromatic Hydrocarbons (PAHs), and Plastics: Examples of the Status, Trend, and Cycling of Organic Chemicals of Environmental Concern in the Ocean. <i>Oceanography</i> , 2014, 27, 196-213.   | 0.5 | 61        |
| 69 | Piece-by-piece analysis of additives and manufacturing byproducts in plastics ingested by seabirds: Implication for risk of exposure to seabirds. <i>Marine Pollution Bulletin</i> , 2019, 145, 36-41.   | 2.3 | 59        |
| 70 | Evaluation of Noninvasive Approach for Monitoring PCB Pollution of Seabirds Using Preen Gland Oil. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4901-4906.  | 4.6 | 58        |
| 71 | Who possesses drug resistance genes in the aquatic environment?: sulfamethoxazole (SMX) resistance genes among the bacterial community in water environment of Metro-Manila, Philippines. <i>Frontiers in Microbiology</i> , 2013, 4, 102.     | 1.5 | 56        |
| 72 | Investigating sources and pathways of perfluoroalkyl acids (PFAAs) in aquifers in Tokyo using multiple tracers. <i>Science of the Total Environment</i> , 2014, 488-489, 51-60.  | 3.9 | 54        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Rapid removal of linear alkylbenzenesulfonates (LAS) by attached biofilm in an urban shallow stream. <i>Water Research</i> , 1994, 28, 1953-1960.  | 5.3 | 51        |
| 74 | Alkylbenzenes in mussels from South and South East Asian coasts as a molecular tool to assess sewage impact. <i>Marine Pollution Bulletin</i> , 2002, 45, 325-331.   | 2.3 | 50        |
| 75 | Diagenesis of biomarkers in Biwa Lake sediments over 1 million years. <i>Organic Geochemistry</i> , 1990, 16, 805-813.   | 0.9 | 49        |
| 76 | Polycyclic Aromatic Hydrocarbons (PAHs) and Hopanes in Plastic Resin Pellets as Markers of Oil Pollution via International Pellet Watch Monitoring. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 196-206.                               | 2.1 | 49        |
| 77 | POPs monitoring in Australia and New Zealand using plastic resin pellets, and International Pellet Watch as a tool for education and raising public awareness on plastic debris and POPs. <i>Marine Pollution Bulletin</i> , 2015, 101, 137-145.                     | 2.3 | 48        |
| 78 | Removal of linear alkylbenzenesulfonates (LAS) in the Tamagawa Estuary. <i>Marine Chemistry</i> , 1992, 37, 257-273.   | 0.9 | 47        |
| 79 | Intercalibration of LABs in Marine Sediment SRM1941a and Their Application as a Molecular Marker in Narragansett Bay Sediments. <i>Environmental Science &amp; Technology</i> , 2000, 34, 900-906.   | 4.6 | 47        |
| 80 | Monitoring of organic micropollutants in Ghana by combination of pellet watch with sediment analysis: E-waste as a source of PCBs. <i>Marine Pollution Bulletin</i> , 2014, 86, 575-581.   | 2.3 | 47        |
| 81 | Seasonal variations and modes of riverine input of organic pollutants to the coastal zone: 1. Flux of detergent-derived pollutants to Tokyo Bay. <i>Environmental Science &amp; Technology</i> , 1992, 26, 2517-2523.  | 4.6 | 46        |
| 82 | Levels, Temporal Trends, and Tissue Distribution of Perfluorinated Surfactants in Freshwater Fish from Asian Countries. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 61, 631-641.   | 2.1 | 43        |
| 83 | Estrogen equivalent concentration of 13 branched para-nonylphenols in three technical mixtures by isomer-specific determination using their synthetic standards in SIM mode with GC-MS and two new diastereomeric isomers. <i>Chemosphere</i> , 2008, 70, 1961-1972. | 4.2 | 42        |
| 84 | Seasonal variations of sulfate, carbonaceous species (black carbon and polycyclic aromatic) in the East China Sea. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.  | 3.3 | 36        |
| 85 | Antibiotic residues from aquaculture farms and their ecological risks in Southeast Asia: a case study from Malaysia. <i>Ecosystem Health and Sustainability</i> , 2021, 7, .   | 1.5 | 36        |
| 86 | Study of the effect of water-soluble fractions of heavy-oil on coastal marine organisms using enclosed ecosystems, mesocosms. <i>Marine Pollution Bulletin</i> , 2003, 47, 78-84.  | 2.3 | 35        |
| 87 | Occurrence and concentrations of chemical additives in plastic fragments on a beach on the island of Kauai, Hawaii. <i>Marine Pollution Bulletin</i> , 2020, 150, 110732.  | 2.3 | 35        |
| 88 | Rapid and Simple Determination of Multi-Elements in Aerosol Samples Collected on Quartz Fiber Filters by Using EDXRF Coupled with Fundamental Parameter Quantification Technique. <i>Aerosol and Air Quality Research</i> , 2013, 13, 1864-1876.                     | 0.9 | 34        |
| 89 | PBDEs in leachates from municipal solid waste dumping sites in tropical Asian countries: phase distribution and debromination. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4188-4204.  | 2.7 | 33        |
| 90 | Sedimentary PBDEs in urban areas of tropical Asian countries. <i>Marine Pollution Bulletin</i> , 2013, 76, 95-105.   | 2.3 | 33        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Quantitation of long-chain alkylbenzenes in environmental samples by silica gel column chromatography and high-resolution gas chromatography. <i>Journal of Chromatography A</i> , 1985, 346, 281-290.                                    | 1.8 | 30        |
| 92  | Establishing Criteria of Relative Abundance of Alkyl Polycyclic Aromatic Hydrocarbons (PAHs) for Differentiation of Pyrogenic and Petrogenic PAHs: An Application to Indian Sediment. <i>Environmental Forensics</i> , 2012, 13, 312-331. | 1.3 | 30        |
| 93  | Vertical distributions and $\delta^{13}\text{C}$ isotopic compositions of PAHs in Chidorigafuchi Moat sediment, Japan. <i>Organic Geochemistry</i> , 2002, 33, 843-848.   | 0.9 | 29        |
| 94  | Historical occurrences of polybrominated diphenyl ethers and polychlorinated biphenyls in Manila Bay, Philippines, and in the upper Gulf of Thailand. <i>Science of the Total Environment</i> , 2014, 470-471, 427-437.                   | 3.9 | 29        |
| 95  | An analytical survey of benzotriazole UV stabilizers in plastic products and their endocrine-disrupting potential via human estrogen and androgen receptors. <i>Science of the Total Environment</i> , 2021, 800, 149374.                 | 3.9 | 29        |
| 96  | Chemical and optical properties of 2003 Siberian forest fire smoke observed at the summit of Mt. Fuji, Japan. <i>Journal of Geophysical Research</i> , 2007, 112, .   | 3.3 | 28        |
| 97  | Biomagnification and debromination of polybrominated diphenyl ethers in a coastal ecosystem in Tokyo Bay. <i>Science of the Total Environment</i> , 2013, 449, 401-409.   | 3.9 | 28        |
| 98  | Temporal and spatial changes in persistent organic pollutants in Vietnamese coastal waters detected from plastic resin pellets. <i>Marine Pollution Bulletin</i> , 2016, 109, 320-324.  | 2.3 | 28        |
| 99  | Thermodynamic Behavior of Stable Carbon Isotopic Compositions of Individual Polycyclic Aromatic Hydrocarbons Derived from Automobiles. <i>Polycyclic Aromatic Compounds</i> , 2003, 23, 219-236.  | 1.4 | 27        |
| 100 | Three-dimensional distributions of sewage markers in Tokyo Bay water—fluorescent whitening agents (FWAs). <i>Marine Pollution Bulletin</i> , 2006, 52, 281-292.   | 2.3 | 26        |
| 101 | Linear Alkylbenzenes (LABs) in Urban Riverine and Coastal Sediments and Their Usefulness as a Molecular Indicator of Domestic Wastes. <i>Water Science and Technology</i> , 1991, 23, 437-446.  | 1.2 | 26        |
| 102 | Determination of 2-(4-Morpholinyl)benzothiazole in Environmental Samples by a Gas Chromatograph Equipped with a Flame Photometric Detector. <i>Analytical Chemistry</i> , 1996, 68, 1976-1981.  | 3.2 | 25        |
| 103 | Evaluation of ginkgo as a biomonitor of airborne polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2012, 54, 9-17.   | 1.9 | 25        |
| 104 | Microbial responses using denaturing gradient gel electrophoresis to oil and chemical dispersant in enclosed ecosystems. <i>Marine Pollution Bulletin</i> , 2006, 52, 89-95.  | 2.3 | 24        |
| 105 | Manure Compost Is a Potential Source of Tetracycline-Resistant <i>Escherichia coli</i> and Tetracycline Resistance Genes in Japanese Farms. <i>Antibiotics</i> , 2020, 9, 76.   | 1.5 | 24        |
| 106 | Anthropogenic Molecular Markers: Tools To Identify the Sources and Transport Pathways of Pollutants. <i>ACS Symposium Series</i> , 1997, , 178-195.   | 0.5 | 21        |
| 107 | Fluorescent whitening agents in Tokyo Bay sediments: molecular evidence of lateral transport of land-derived particulate matter. <i>Marine Chemistry</i> , 2005, 95, 113-127.   | 0.9 | 21        |
| 108 | Covid-19-derived plastic debris contaminating marine ecosystem: Alert from a sea turtle. <i>Marine Pollution Bulletin</i> , 2022, 175, 113389.  | 2.3 | 21        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Contamination of antibiotics and sul and tet(M) genes in veterinary wastewater, river, and coastal sea in Thailand. <i>Science of the Total Environment</i> , 2021, 791, 148423.  | 3.9 | 20        |
| 110 | Identification of polychlorinated dibenzo-p-dioxin, dibenzofuran, and coplanar polychlorinated biphenyl sources in Tokyo Bay, Japan. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 991-998.   | 2.2 | 19        |
| 111 | Contaminants in Tracked Seabirds Showing Regional Patterns of Marine Pollution. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7862-7867.  | 4.6 | 18        |
| 112 | Microplastics in urban wastewater and estuarine water: Importance of street runoff. <i>Environmental Monitoring and Contaminants Research</i> , 2021, 1, 54-65.   | 0.4 | 18        |
| 113 | Monitoring of polycyclic aromatic hydrocarbons, hopanes, and polychlorinated biphenyls in the Persian Gulf in plastic resin pellets. <i>Marine Pollution Bulletin</i> , 2021, 165, 112052.  | 2.3 | 17        |
| 114 | Water-Particle Distribution of Hydrophobic Micro Pollutants in Storm Water Runoff. <i>Polycyclic Aromatic Compounds</i> , 2000, 20, 39-54.  | 1.4 | 16        |
| 115 | Plastic additives and legacy persistent organic pollutants in the preen gland oil of seabirds sampled across the globe. <i>Environmental Monitoring and Contaminants Research</i> , 2021, 1, 97-112.  | 0.4 | 16        |
| 116 | Broad-spectrum analysis of endocrine disruptors in environmental samples.. <i>Bunseki Kagaku</i> , 1999, 48, 535-547.   | 0.1 | 15        |
| 117 | Formation of perfluorinated surfactants from precursors by indigenous microorganisms in groundwater. <i>Chemosphere</i> , 2013, 93, 140-145.  | 4.2 | 15        |
| 118 | Temporal Variation and Source Analysis of Radiocesium in an Urban River after the 2011 Nuclear Accident in Fukushima, Japan. <i>Journal of Water and Environment Technology</i> , 2015, 13, 179-194.  | 0.3 | 15        |
| 119 | Estimation of contribution from non-point sources to perfluorinated surfactants in a river by using boron as a wastewater tracer. <i>Chemosphere</i> , 2011, 84, 1125-1132.   | 4.2 | 14        |
| 120 | Transfer of Hazardous Chemicals from Ingested Plastics to Higher-Trophic-Level Organisms. <i>Handbook of Environmental Chemistry</i> , 2018, , 267-280.   | 0.2 | 14        |
| 121 | Role of Photodegradation in the Fate of Fluorescent Whitening Agents (FWAs) in Lacustrine Environments. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7796-7801.  | 4.6 | 13        |
| 122 | Spatial Distribution and Temporal Trend of Anthropogenic Organic Compounds Derived from the 2011 East Japan Earthquake. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 185-195.  | 2.1 | 13        |
| 123 | Global Monitoring of Persistent Organic Pollutants (POPs) Using Seabird Preen Gland Oil. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 545-556.   | 2.1 | 13        |
| 124 | Hazardous Chemicals in Plastics in Marine Environments: International Pellet Watch. <i>Handbook of Environmental Chemistry</i> , 2018, , 163-183.   | 0.2 | 12        |
| 125 | Aerobic Composting and Anaerobic Digestion Decrease the Copy Numbers of Antibiotic-Resistant Genes and the Levels of Lactose-Degrading Enterobacteriaceae in Dairy Farms in Hokkaido, Japan. <i>Frontiers in Microbiology</i> , 2021, 12, 737420. | 1.5 | 11        |
| 126 | Release of Additives and Monomers from Plastic Wastes. <i>Handbook of Environmental Chemistry</i> , 2016, , 51-70.  | 0.2 | 10        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | Distribution and fluxes of fluorescent whitening agents discharged from domestic wastewater into small rivers with seasonal changes of flow rates. <i>Limnology</i> , 2007, 8, 251-259.                              | 0.8 | 9         |
| 128 | Indicators of Marine Pollution in the North Pacific Ocean. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 171-175.  | 2.1 | 9         |
| 129 | Macrolide resistance genes and mobile genetic elements in waterways from pig farms to the sea in Taiwan. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 360-370.                                      | 0.9 | 9         |
| 130 | Determination of Nonylphenol migrated from Food-contact Plastics.. <i>Journal of Environmental Chemistry</i> , 2002, 12, 621-625.  | 0.1 | 8         |
| 131 | Mussel Shell Geochemical Analyses Reflect Coastal Environmental Changes Following the 2011 Tohoku Tsunami. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1346-1352.  | 1.2 | 7         |
| 132 | Mapping marine debris encountered by albatrosses tracked over oceanic waters. <i>Scientific Reports</i> , 2021, 11, 10944.   | 1.6 | 7         |
| 133 | Effects of benzotriazole UV stabilizers, UV-PS and UV-P, on the differentiation of splenic regulatory T cells via aryl hydrocarbon receptor. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113549.      | 2.9 | 7         |
| 134 | Conclusions of "Hazardous Chemicals Associated with Plastics in Environment". <i>Handbook of Environmental Chemistry</i> , 2018, , 297-305.  | 0.2 | 6         |
| 135 | Environmental factors in debromination activity of polybrominated diphenyl ethers by hepatic microsomes of freshwater fish. <i>Environmental Science and Pollution Research</i> , 2021, 28, 326-335.                 | 2.7 | 6         |
| 136 | Current Status and Issues of Microplastic Pollution Research. <i>Journal of Japan Society on Water Environment</i> , 2021, 44, 35-42.  | 0.1 | 5         |
| 137 | Source analysis of radiocesium in river waters using road dust tracers. <i>Chemosphere</i> , 2017, 187, 212-220.   | 4.2 | 4         |
| 138 | International pellet watch: Global monitoring of polybrominated diphenyl ethers (PBDEs) in plastic resin pellets. <i>Environmental Monitoring and Contaminants Research</i> , 2021, 1, 75-90.                        | 0.4 | 4         |
| 139 | BEHAVIOR OF MICROPLASTICS IN WASTEWATER TREATMENT PROCESSES AND ESTIMATION OF ITS LOADING TO LAKE BIWA. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2019, 75, III_35-III_40. | 0.1 | 4         |
| 140 | A Look at the Status of Microplastic Pollution Trends and Possible Solution Frameworks. <i>Material Cycles and Waste Management Research</i> , 2018, 29, 261-269.  | 0.0 | 4         |
| 141 | Trophic Interactions among Marine Microbes in Oil-contaminated Seawater on a Mesocosmic Scale. <i>Microbes and Environments</i> , 2005, 20, 104-109.   | 0.7 | 3         |
| 142 | Seabirds as indicators of the state of the marine environment and its conservation. <i>Japanese Journal of Ornithology</i> , 2010, 59, 38-54.  | 0.0 | 3         |
| 143 | Spatiotemporal change of cesium-137 in the Pacific coast of Tohoku, Japan: The mussel watch approach. <i>Marine Pollution Bulletin</i> , 2021, 168, 112413.  | 2.3 | 3         |
| 144 | Species-specific debromination of BDE99 in teleost fish: The relationship between debromination ability and bioaccumulation patterns of PBDEs. <i>Science of the Total Environment</i> , 2022, 806, 151265.          | 3.9 | 3         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Marine Plastic Pollution: Chemical Aspects and Possible Solutions. Current Topics in Environmental Health and Preventive Medicine, 2022, , 83-92.   | 0.1 | 3         |
| 146 | Distribution and fluctuation of land-derived environmental pollutants in Otsuchi Bay. Nippon Suisan Gakkaishi, 2017, 83, 648-651.   | 0.0 | 2         |
| 147 | Polycyclic aromatic hydrocarbons (PAHs) in new unexposed and beached expanded polystyrene foams. Environmental Monitoring and Contaminants Research, 2022, 2, 14-21.  | 0.4 | 2         |
| 148 | TROPICAL CYCLONES ASSOCIATED CHANGES ALONG ORISSA COAST, EAST COAST OF INDIA. , 2004, , .   |     | 1         |
| 149 | æ²–ç,,çœCEä,Žé,£â>1/2â³¶ã«ãšã'ã,ã,ã,1/2ãfãfžã,°ãfãã,'ç”ã,ãŸãf—ãf ©ã,1ãfãffã,ã”ãç”±æŸã®ãšéãšã,^ã³ã¼®éã.1.fç'æ±šæŸ“ã®ãš   |     |           |
| 150 | â...-4. Elucidation of the actual status of land-derived environmental pollutants. Nippon Suisan Gakkaishi, 2021, 87, 522-523.  | 0.0 | 0         |
| 151 | CHEMICAL CONTAMINANTS IN THE HUGLI ESTUARY: ITS IMPLICATION ON MONITORING. , 2004, , .  |     | 0         |
| 152 | ADSORPTION CHARACTERISTICS OF MICROPOLLUTANTS ON MICROPLASTICS BY FOCUSING ON THEIR DIAMETERS IN WATER ENVIRONMENT. Journal of Japan Society of Civil Engineers Ser G (Environmental) Tj ETQq0 00rgBT /Oerlock 10                       |     |           |
| 153 | International Pellet Watch (IPW) as citizen science. Journal of Water and Environmental Issues, 2018, 31, 4-10.   | 0.1 | 0         |
| 154 | Marine Plastic Pollution and the Solution. Trends in the Sciences, 2019, 24, 10_44-10_48.   | 0.0 | 0         |
| 155 | Monitoring of phenolic endocrine disrupting chemicals by direct acetylation method: Pollution status in Tokyo rivers in 2016â€“2019 and estimation of their sources. Environmental Monitoring and Contaminants Research, 2022, 2, 1-13. | 0.4 | 0         |