Shigeki Masunaga

List of Publications by Citations

164 papers	5,291 citations	42 h-index	65 g-index
168 ext. papers	5,741 ext. citations	5.8 avg, IF	5.62 L-index

#	Paper	IF	Citations
164	Dioxin- and POP-contaminated sites--contemporary and future relevance and challenges: overview on background, aims and scope of the series. *Environmental Science and Pollution Research*, **2008**, 15, 363-93	5.1	285
163	Dioxin and dioxin-like PCB impurities in some Japanese agrochemical formulations. *Chemosphere*, **2001**, 44, 873-85	8.4	180
162	Concentrations of perfluorinated acids in livers of birds from Japan and Korea. *Chemosphere*, **2002**, 49, 225-31	8.4	168
161	Potential ecological risk of hazardous elements in different land-use urban soils of Bangladesh. *Science of the Total Environment*, **2015**, 512-513, 94-102	10.2	161
160	Characterization of PM2.5, PM2.5□10 and PM>10 in ambient air, Yokohama, Japan. *Atmospheric Research*, **2010**, 96, 159-172	5.4	121
159	Ambient levels of volatile organic compounds in the vicinity of petrochemical industrial area of Yokohama, Japan. *Air Quality, Atmosphere and Health*, **2010**, 3, 65-75	5.6	116
158	Detailed PCB congener patterns in incinerator flue gas and commercial PCB formulations (Kanechlor). *Chemosphere*, **2004**, 55, 539-53	8.4	115
157	Contribution of known endocrine disrupting substances to the estrogenic activity in Tama River water samples from Japan using instrumental analysis and in vitro reporter gene assay. *Water Research*, **2004**, 38, 4491-501	12.5	109
156	Polychlorinated naphthalenes, biphenyls, dibenzo-p-dioxins, and dibenzofurans as well as polycyclic aromatic hydrocarbons and alkylphenols in sediment from the Detroit and Rouge Rivers, Michigan, USA. *Environmental Toxicology and Chemistry*, **2001**, 20, 1878-1889	3.8	103
155	Assessment of Trace Metal Contamination in Water and Sediment of Some Rivers in Bangladesh. *Journal of Water and Environment Technology*, **2014**, 12, 109-121	1.1	95
154	Atmospheric polycyclic aromatic hydrocarbons: size distribution, estimation of their risk and their depositions to the human respiratory tract. *Science of the Total Environment*, **2005**, 340, 71-80	10.2	95
153	Progress and perspective of perfluorinated compound risk assessment and management in various countries and institutes. *Clean Technologies and Environmental Policy*, **2012**, 14, 9-20	4.3	93
152	Existence of nonpoint source of perfluorinated compounds and their loads in the Tsurumi River basin, Japan. *Chemosphere*, **2008**, 71, 1566-73	8.4	92
151	Quantitative identification of unknown exposure pathways of phthalates based on measuring their metabolites in human urine. *Environmental Science & Technology*, **2007**, 41, 4542-7	10.3	91
150	Passive air monitoring of PCBs and PCNs across East Asia: a comprehensive congener evaluation for source characterization. *Chemosphere*, **2012**, 86, 718-26	8.4	82
149	Trace metal contamination in commercial fish and crustaceans collected from coastal area of Bangladesh and health risk assessment. *Environmental Science and Pollution Research*, **2016**, 23, 17298-310	5.1	81
148	Time trends of perfluorinated compounds from the sediment core of Tokyo Bay, Japan (1950s-2004). *Environmental Pollution*, **2010**, 158, 756-63	9.3	79

147	Occurrence of estrogenic compounds in and removal by a swine farm waste treatment plant. *Environmental Science & Technology*, **2006**, 40, 7896-902	10.3	75
146	Identifying sources and mass balance of dioxin pollution in Lake Shinji Basin, Japan. *Environmental Science & Technology*, **2001**, 35, 1967-73	10.3	74
145	Polychlorinated dibenzo-p-dioxins and dibenzofurans in sediment, soil, fish, shellfish and crab samples from Tokyo Bay area, Japan. *Chemosphere*, **2000**, 40, 627-40	8.4	71
144	Source and behavior analyses of dioxins based on congener-specific information and their application to Tokyo Bay basin. *Chemosphere*, **2003**, 53, 315-24	8.4	70
143	Polychlorinated dibenzo-p-dioxins, dibenzofurans, and polychlorinated biphenyls in human tissues, meat, fish, and wildlife samples from India. *Environmental Science & Technology*, **2001**, 35, 3448-55	10.3	70
142	Occurrence and ecological risk of pharmaceuticals in river surface water of Bangladesh. *Environmental Research*, **2018**, 165, 258-266	7.9	67
141	Metal speciation in sediment and their bioaccumulation in fish species of three urban rivers in Bangladesh. *Archives of Environmental Contamination and Toxicology*, **2015**, 68, 92-106	3.2	64
140	Trace metals in soil and vegetables and associated health risk assessment. *Environmental Monitoring and Assessment*, **2014**, 186, 8727-39	3.1	63
139	Quantifying the sources of hazardous elements of suspended particulate matter aerosol collected in Yokohama, Japan. *Atmospheric Environment*, **2010**, 44, 2646-2657	5.3	62
138	Comprehensive study on effects of water matrices on removal of pharmaceuticals by three different kinds of advanced oxidation processes. *Chemosphere*, **2016**, 159, 317-325	8.4	58
137	Assessment of trace metals in fish species of urban rivers in Bangladesh and health implications. *Environmental Toxicology and Pharmacology*, **2015**, 39, 347-57	5.8	58
136	Characterization of dioxin-like activity of sediments from a Czech River Basin. *Environmental Toxicology and Chemistry*, **2001**, 20, 2768-2777	3.8	58
135	Congener-specific characterization of PCDDs/PCDFs in atmospheric deposition: comparison of profiles among deposition, source, and environmental sink. *Chemosphere*, **2001**, 45, 173-83	8.4	58
134	Polychlorinated dibenzo-p-dioxins, dibenzofurans and polychlorinated biphenyls in polar bear, penguin and south polar skua. *Environmental Pollution*, **2002**, 119, 151-61	9.3	57
133	Atmospheric deposition of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in the Kanto Region, Japan. *Chemosphere*, **2001**, 44, 1473-87	8.4	57
132	Brominated organic contaminants in the liver and egg of the common cormorants (Phalacrocorax carbo) from Japan. *Environmental Science & Technology*, **2004**, 38, 4071-7	10.3	56
131	Spatially detailed survey on pollution by multiple perfluorinated compounds in the Tokyo Bay basin of Japan. *Environmental Science & Technology*, **2011**, 45, 2887-93	10.3	52
130	Dynamics of PCDDs/DFs and coplanar-PCBs in an aquatic food chain of Tokyo Bay. *Chemosphere*, **2003**, 53, 347-62	8.4	51

129	Application of an ecosystem model for aquatic ecological risk assessment of chemicals for a Japanese lake. *Water Research*, **2002**, 36, 1-14	12.5	51
128	Behavior and source characteristic of PCBS in urban ambient air of Yokohama, Japan. *Environmental Pollution*, **2005**, 138, 290-8	9.3	50
127	Organochlorine Pesticides in Water, Sediment and Fish from the Nile River and Manzala Lake in Egypt. *International Journal of Environmental Analytical Chemistry*, **2000**, 77, 289-303	1.8	46
126	Assessment of trace metals in foodstuffs grown around the vicinity of industries in Bangladesh. *Journal of Food Composition and Analysis*, **2015**, 42, 8-15	4.1	44
125	Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,pQDDE in tissues of bald eagles from the Upper Peninsula of Michigan. *Environmental Science & Technology*, **2002**, 36, 2789-96	10.3	44
124	Occurrence, distribution and possible sources of polychlorinated biphenyls (PCBs) in the surface water from the Bay of Bengal coast of Bangladesh. *Ecotoxicology and Environmental Safety*, **2019**, 167, 450-458	7	44
123	Atmospheric polychlorinated naphthalenes in Ghana. *Environmental Science & Technology*, **2012**, 46, 2600-6	10.3	43
122	Perfluoroalkyl acids (PFAAs) in the Pra and Kakum River basins and associated tap water in Ghana. *Science of the Total Environment*, **2017**, 579, 729-735	10.2	40
121	Occurrence, distribution, ecological and resistance risks of antibiotics in surface water of finfish and shellfish aquaculture in Bangladesh. *Chemosphere*, **2017**, 188, 329-336	8.4	39
120	First-flush loads of perfluorinated compounds in stormwater runoff from Hayabuchi River basin, Japan served by separated sewerage system. *Chemosphere*, **2009**, 76, 833-40	8.4	39
119	Occurrence and distribution of perfluoroalkyl acids (PFAAs) in surface water and sediment of a tropical coastal area (Bay of Bengal coast, Bangladesh). *Science of the Total Environment*, **2016**, 571, 1089-104	10.2	39
118	Arsenic and lead in foods: a potential threat to human health in Bangladesh. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2014**, 31, 1982-92	3.2	38
117	Levels and distribution of hexabromocyclododecane and its lower brominated derivative in Japanese riverine environment. *Chemosphere*, **2014**, 109, 157-63	8.4	37
116	Perfluorinated organic contaminants in sediment and aquatic wildlife, including sharks, from Georgia, USA. *Marine Pollution Bulletin*, **2009**, 58, 621-9	6.7	37
115	Occurrence of preservatives and antimicrobials in Japanese rivers. *Chemosphere*, **2014**, 107, 393-399	8.4	36
114	Occurrence and assessment of perfluoroalkyl acids (PFAAs) in commonly consumed seafood from the coastal area of Bangladesh. *Marine Pollution Bulletin*, **2017**, 124, 775-785	6.7	35
113	Identifying the nonpoint source of perfluorinated compounds using a geographic information system based approach. *Environmental Toxicology and Chemistry*, **2009**, 28, 691-700	3.8	35
112	Survey of perfluoroalkyl acids (PFAAs) and their precursors present in Japanese consumer products. *Chemosphere*, **2015**, 127, 262-8	8.4	33

111	An exposure assessment of methyl mercury via fish consumption for the Japanese population. *Risk Analysis*, **2009**, 29, 1281-91	3.9	33
110	Origin attribution of polychlorinated dibenzo-p-dioxins and dibenzofurans in sediment and soil from a Japanese freshwater lake area through congener-specific data analysis. *Chemosphere*, **1998**, 37, 2211-24	8.4	33
109	Polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in livers of birds from Japan. *Archives of Environmental Contamination and Toxicology*, **2002**, 42, 244-55	3.2	33
108	Spatial distribution and importance of potential perfluoroalkyl acid precursors in urban rivers and sewage treatment plant effluent--case study of Tama River, Japan. *Water Research*, **2014**, 67, 77-85	12.5	32
107	Assessment of Trace Metals in Surface Water and Sediment Collected from Polluted Coastal Areas of Bangladesh. *Journal of Water and Environment Technology*, **2016**, 14, 247-259	1.1	31
106	Organophosphate flame retardants in the indoor air and dust in cars in Japan. *Environmental Monitoring and Assessment*, **2017**, 189, 48	3.1	30
105	Quantitative source identification of dioxin-like PCBs in Yokohama, Japan, by temperature dependence of their atmospheric concentrations. *Environmental Science & Technology*, **2004**, 38, 3279-85	10.3	29
104	Detailed study on the levels of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls in Yusho rice oil. *Chemosphere*, **2002**, 46, 1461-9	8.4	29
103	Transformations of chloronitrobenzenes in anaerobic sediment. *Chemosphere*, **1996**, 32, 967-977	8.4	29
102	Evaluation of an ecosystem model in ecological risk assessment of chemicals. *Chemosphere*, **2003**, 53, 363-75	8.4	28
101	Evaluation of the effect of governmental control of human exposure to two phthalates in Japan using a urinary biomarker approach. *International Journal of Hygiene and Environmental Health*, **2005**, 208, 237-45	6.9	27
100	Assessment of the sources of suspended particulate matter aerosol using US EPA PMF 3.0. *Environmental Monitoring and Assessment*, **2012**, 184, 1063-83	3.1	26
99	Pathway and Rate of Chlorophenol Transformation in Anaerobic Estuarine Sediment. *Environmental Science & Technology*, **1996**, 30, 1253-1260	10.3	26
98	Seasonal variation of atmospheric polychlorinated biphenyls and polychlorinated naphthalenes in Japan. *Atmospheric Environment*, **2013**, 80, 275-280	5.3	25
97	Evaluation of trace metals bioavailability in Japanese river waters using DGT and a chemical equilibrium model. *Water Research*, **2013**, 47, 4880-92	12.5	25
96	Fingerprinting localized dioxin contamination: Ichihara Anchorage case. *Environmental Science & Technology*, **2007**, 41, 3864-70	10.3	25
95	Polycyclic Aromatic Hydrocarbons in Urban Air: Concentration Levels, Patterns, and Source Analysis in Nairobi, Kenya. *Environmental Forensics*, **2006**, 7, 147-157	1.6	25
94	Analysis of UNEP priority POPs using HRGC-HRMS and their contamination profiles in livers and eggs of great cormorants (Phalacrocorax carbo) from Japan. *Archives of Environmental Contamination and Toxicology*, **2005**, 48, 538-51	3.2	25

93	Source characterization and risk of exposure to atmospheric polychlorinated biphenyls (PCBs) in Ghana. *Environmental Science and Pollution Research*, **2018**, 25, 16316-16324	5.1	24
92	Polychlorinated Biphenyls, Dibenzo-p-dioxins, Dibenzofurans, and p,p□DDE in Livers of White-Tailed Sea Eagles from Eastern Germany, 1979□1998. *Environmental Science & Technology*, **2003**, 37, 1249-1255	10.3	23
91	Chlorinated persistent organic pollutants in black-tailed gulls (Larus crassirostris) from Hokkaido, Japan. *Chemosphere*, **2001**, 44, 1375-82	8.4	23
90	Degradation of tri-n-butyltin in Ise Bay sediment. *Chemosphere*, **1994**, 29, 1349-56	8.4	22
89	Distributions of butyltins in the surface sediment of Ise Bay, Japan. *Environmental Toxicology and Chemistry*, **1993**, 12, 1175-1184	3.8	21
88	Does the Choice of NOEC or EC10 Affect the Hazardous Concentration for 5% of the Species?. *Environmental Science & Technology*, **2015**, 49, 9326-30	10.3	20
87	Atmospheric burden of organochlorine pesticides in Ghana. *Chemosphere*, **2014**, 102, 1-5	8.4	20
86	Reduction in toxicity of wastewater from three wastewater treatment plants to alga (Scenedesmus obliquus) in northeast China. *Ecotoxicology and Environmental Safety*, **2015**, 119, 132-9	7	20
85	Relating metal bioavailability to risk assessment for aquatic species: Daliao River watershed, China. *Environmental Pollution*, **2014**, 189, 215-22	9.3	20
84	. *Environmental Toxicology and Chemistry*, **2002**, 21, 991	3.8	20
83	Time trends in sources and dechlorination pathways of dioxins in agrochemically contaminated sediments. *Environmental Science & Technology*, **2007**, 41, 2703-10	10.3	19
82	Distribution of polycyclic aromatic hydrocarbons (PAHs) in commonly consumed seafood from coastal areas of Bangladesh and associated human health implications. *Environmental Geochemistry and Health*, **2019**, 41, 1105-1121	4.7	19
81	Reduction in toxicity of coking wastewater to aquatic organisms by vertical tubular biological reactor. *Ecotoxicology and Environmental Safety*, **2015**, 115, 217-22	7	18
80	Sources and distribution of hexabromocyclododecanes (HBCDs) in Japanese river sediment. *Journal of Environmental Monitoring*, **2012**, 14, 901-7		18
79	Reductive transformations of halogenated aromatics in anaerobic estuarine sediment: kinetics, products and pathways. *Water Research*, **1998**, 32, 639-648	12.5	18
78	Congener-specific tissue distribution and hepatic sequestration of PCDD/Fs in wild herring gulls from Bohai Bay, North China: comparison to coplanar PCBs. *Environmental Science & Technology*, **2006**, 40, 1462-8	10.3	18
77	Environmental Behavior of Perfluorinated Surfactants in Tokyo Bay. *Journal of Japan Society on Water Environment*, **2006**, 29, 221-228	0.2	18
76	Retrospective analysis by data processing tools for comprehensive two-dimensional gas chromatography coupled to high resolution time-of-flight mass spectrometry: a challenge for matrix-rich sediment core sample from Tokyo Bay. *Journal of Chromatography A*, **2014**, 1338, 117-26	4.5	17

75	GIS-based source identification and apportionment of diffuse water pollution: perfluorinated compound pollution in the Tokyo Bay basin. *Chemosphere*, **2011**, 85, 1340-6	8.4	17
74	Dechlorination of chlorobenzenes in anaerobic estuarine sediment. *Water Science and Technology*, **1996**, 33, 173-180	2.2	17
73	The distribution of chlorobenzenes in the bottom sediments of Ise bay. *Water Research*, **1991**, 25, 275-288	12.5	17
72	Biodegradation pathway of o-cresol by heterogeneous culture Phenol acclimated activated sludge. *Water Research*, **1986**, 20, 477-484	12.5	17
71	Polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in sediment and mussel samples from Kentucky Lake, USA. *Archives of Environmental Contamination and Toxicology*, **2008**, 54, 20-30	3.2	16
70	Particle associated polycyclic aromatic hydrocarbons in the atmospheric environment of urban and suburban residential area. *International Journal of Environmental Science and Technology*, **2011**, 8, 255-266	3.3	15
69	Atmospheric monitoring of organochlorine pesticides across some West African countries. *Environmental Science and Pollution Research*, **2018**, 25, 31828-31835	5.1	14
68	Reductive Dehalogenation of Chloroanilines in Anaerobic Estuarine Sediment. *Environmental Technology (United Kingdom)*, **1997**, 18, 75-83	2.6	14
67	Redox Potential as a Parameter To Predict the Reductive Dechlorination Pathway of Chloroanilines in Anaerobic Environments. *Microbial Ecology*, **1997**, 33, 252-6	4.4	14
66	Specific biomagnification of polychlorinated dibenzo-p-dioxins and dibenzofurans in tufted ducks (Aythya fuligula), common cormorants (Phalacrocorax carbo) and their prey from Lake Shinji, Japan. *Chemosphere*, **2002**, 46, 1373-82	8.4	14
65	Quantitative identification of sources of dioxin-like polychlorinated biphenyls in sediments by a factor analysis model and a chemical mass balance model combined with Monte Carlo techniques. *Environmental Toxicology and Chemistry*, **2005**, 24, 277-85	3.8	13
64	Spatial distribution and loading amounts of particle sorbed and dissolved perfluorinated compounds in the basin of Tokyo Bay. *Chemosphere*, **2012**, 88, 1353-7	8.4	12
63	Identification of polychlorinated dibenzo-p-dioxin, dibenzofuran, and coplanar polychlorinated biphenyl sources in Tokyo Bay, Japan. *Environmental Toxicology and Chemistry*, **2002**, 21, 991-998	3.8	12
62	The behavior of chlorobenzenes in Ise bay, estimated from their concentrations in various environmental media. *Water Research*, **1991**, 25, 289-297	12.5	12
61	Urban and suburban aerosol in Yokohama, Japan: a comprehensive chemical characterization. *Environmental Monitoring and Assessment*, **2010**, 171, 441-56	3.1	11
60	Dechlorination of chlorobenzenes in anaerobic estuarine sediment. *Water Science and Technology*, **1996**, 33, 173	2.2	11
59	Polychlorinated biphenyls (PCBs) in commonly consumed seafood from the coastal area of Bangladesh: occurrence, distribution, and human health implications. *Environmental Science and Pollution Research*, **2019**, 26, 1355-1369	5.1	11
58	Source identification and concentration distribution of polychlorinated biphenyls in environmental media around industrial complexes. *Bulletin of Environmental Contamination and Toxicology*, **2009**, 83, 859-64	2.7	10

57	Concentrations and profiles of polychlorinated biphenyls, -dibenzo-p-dioxins and -dibenzofurans in livers of mink from South Carolina and Louisiana, U.S.A. *Environmental Monitoring and Assessment*, **2003**, 83, 17-33	3.1	10
56	Chlorinated hydrocarbon contaminants in blood of black and turkey vultures from Savannah River Site, South Carolina, USA. *Chemosphere*, **2003**, 53, 173-82	8.4	10
55	Dechlorination of 1,2,4-trichlorobenzene in the sediment of Ise Bay. *Chemosphere*, **1994**, 28, 2179-2184	8.4	10
54	. *Environmental Toxicology and Chemistry*, **2001**, 20, 1878	3.8	10
53	Chemical speciation of trace metals in the industrial sludge of Dhaka City, Bangladesh. *Water Science and Technology*, **2017**, 76, 256-267	2.2	9
52	Transformation Kinetics and Pathways of Chlorophenols and Hexachlorobenzene in Fresh Water Lake Sediment Under Anaerobic Conditions. *Environmental Technology (United Kingdom)*, **1997**, 18, 903-911	2.6	9
51	Population-level ecological risk assessment of planar polychlorinated aromatic hydrocarbons in great cormorant (Phalacrocorax carbo) around Tokyo Bay, Japan. *Environmental Toxicology and Chemistry*, **2003**, 22, 2508-18	3.8	9
50	Estimation of effects of dioxins and dioxin-like PCBs on wildlife population--a case study on common cormorant. *Chemosphere*, **2003**, 53, 337-45	8.4	9
49	Acute toxicity reduction and toxicity identification in pigment-contaminated wastewater during anaerobic-anoxic-oxic (A/A/O) treatment process. *Chemosphere*, **2017**, 168, 1285-1292	8.4	8
48	Polychlorinated -dibenzo-p-dioxins/furans and -dioxin-like biphenyls in eggs of common terns from lime island, St. Mary's river, Michigan, USA. *Toxicological and Environmental Chemistry*, **2003**, 85, 221-232	1.4	8
47	Source Identification and Behavior of PCDD/Fs and Dioxin-like PCBs in Japanese River Water. *Journal of Japan Society on Water Environment*, **2003**, 26, 655-662	0.2	8
46	Dioxins/furans and polychlorinated biphenyls (PCBs) in Dugongs from the Thailand Coast. *Bulletin of Environmental Contamination and Toxicology*, **2003**, 70, 198-204	2.7	8
45	Hydrolysis of para-substituted benzonitriles in water. *Environmental Toxicology and Chemistry*, **1995**, 14, 1457-1463	3.8	8
44	Antibiotics, antibiotic-resistant bacteria, and resistance genes in aquaculture: risks, current concern, and future thinking.. *Environmental Science and Pollution Research*, **2022**, 29, 11054	5.1	8
43	Seasonal-spatial distributions, congener profile, and risk assessment of polychlorinated biphenyls (PCBS) in the surficial sediments from the coastal area of Bangladesh. *Soil and Sediment Contamination*, **2019**, 28, 28-50	3.2	8
42	Application of a 3-D chemical fate prediction model (FATE3D) to predict dioxin concentrations in the Tokyo Bay. *Estuarine, Coastal and Shelf Science*, **2006**, 70, 621-632	2.9	7
41	Analysis of atmospheric behavior of PCDDs/PCDFs by a one-compartment box model. *Chemosphere*, **2003**, 53, 399-412	8.4	7
40	Accumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like PCBs in black-tailed gulls and eggs. *Bulletin of Environmental Contamination and Toxicology*, **2001**, 67, 733-40	2.7	7

39	Car indoor air pollution by volatile organic compounds and aldehydes in Japan. *AIMS Environmental Science*, **2016**, 3, 362-381	1.9	7
38	Simulated impact of a change in fish consumption on intake of n-3 polyunsaturated fatty acids. *Journal of Food Composition and Analysis*, **2009**, 22, 657-662	4.1	6
37	Does a sum of toxic units exceeding 1 imply adverse impacts on macroinvertebrate assemblages? A field study in a northern Japanese river receiving treated mine discharge. *Environmental Monitoring and Assessment*, **2020**, 192, 83	3.1	6
36	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 Toxic/Hazardous Substances and Environmental Engineering*, **2014**, 49, 770-6	2.3	5
35	Transformation of benzonitriles in anaerobic sediment and in sediment extract. *Environmental Toxicology and Chemistry*, **1995**, 14, 1827-1838	3.8	5
34	Reductive dechlorination pathways of chloro organics under anaerobic conditions. *Water Science and Technology*, **1996**, 34,	2.2	5
33	Dioxin Impurity in Agrochemicals.. *Waste Management Research*, **2002**, 13, 247-254		5
32	Residue Level of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans and Coplanar PCBs in Common Cormorant.. *Journal of Environmental Chemistry*, **2000**, 10, 817-831	0.3	5
31	PCBs, Dioxins, and Furans: Human Exposure and Health Effects **2009**, 245-253		4
30	Vertical profiles of organochlorine pesticides in sediment core from Nile river and Manzala lake, Egypt. *Toxicological and Environmental Chemistry*, **1997**, 58, 151-161	1.4	4
29	Anaerobic transformation kinetics and pathways of chlorophenols in fresh water lake sediment. *Water Science and Technology*, **1997**, 36, 99	2.2	4
28	Polychlorinated-dibenzo-p-dioxins, -dibenzofurans and -dioxin-like polychlorinated biphenyls in aquatic organisms from lake Kasumigaura, Japan. *Toxicological and Environmental Chemistry*, **2003**, 85, 121-132	1.4	4
27	Microbial transformation of o-cresol to dihydroxytoluenes by phenol acclimated activated sludge. *Chemosphere*, **1983**, 12, 1075-1082	8.4	4
26	Concentrations and Biota-Sediment Accumulations of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Fish and Shrimp from Lake Kasumigaura.. *Journal of Environmental Chemistry*, **1996**, 6, 541-549	0.3	4
25	Impact of Bioavailability Incorporation on Ecological Risk Assessment of Nickel, Copper, and Zinc in Surface Waters. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	4
24	Environmental impact assessment of chlorine in liquid crystal display glass (LCDG) based on material flow analysis. *Journal of Environmental Management*, **2012**, 112, 304-8	7.9	3
23	PCBs, dioxins, and furans: human exposure and health effects **2020**, 267-278		3
22	Distributions of butyltins in the surface sediment of Ise Bay, Japan **1993**, 12, 1175		3

21	Transportation and Sources of Dioxins and Dioxin-like PCBs in Rivers Flowing into Tokyo Bay. *Journal of Japan Society on Water Environment*, **2004**, 27, 465-472	0.2	3
20	Revaluation of stockpile amount of PFOS-containing aqueous film-forming foam in Japan: gaps and pitfalls in the stockpile survey. *Environmental Science and Pollution Research*, **2017**, 24, 6736-6745	5.1	2
19	PCBs, Dioxins and Furans: Human Exposure and Health Effects **2015**, 239-247		2
18	Anaerobic biotransformations of organochlorine pesticides in Manzala Lake, Egypt. *Toxicological and Environmental Chemistry*, **1997**, 62, 149-160	1.4	2
17	Release Model of the Chemical Substance from Harbor Sediments. *Proceedings of Coastal Engineering Jsce*, **2007**, 54, 1231-1235		2
16	Comparison of Residue Levels of Polychlorinated Dibenzo-p-dioxins, Polychlorinated Dibenzofurans and Coplanar PCBs in Eggs of Common Cormorants, Phalacrocorax carbo Collected from Two Colonies of Japan.. *Journal of Japan Society on Water Environment*, **2001**, 24, 447-453	0.2	2
15	Biotransformation of halogenated benzenes in anaerobic sediments. *Environmental Science and Pollution Research*, **1996**, 3, 71-4	5.1	2
14	Assessing bioavailability levels of metals in effluent-affected rivers: effect of Fe(III) and chelating agents on the distribution of metal speciation. *Water Science and Technology*, **2016**, 74, 896-903	2.2	2
13	Kinetics of the sequential dechlorination of chloroorganics in an anaerobic sediment. *Bulletin of Environmental Contamination and Toxicology*, **1997**, 58, 227-33	2.7	1
12	A Novel Approach to Identifying In Situ Multiple Stressors to Pseudorasbora parva by AFLP Analysis. *Journal of Japan Society on Water Environment*, **2004**, 27, 699-705	0.2	1
11	Vertical profiles of legacy organochlorine pesticides in sediment cores from lake Nakaumi, Japan.. *Chemosphere*, **2021**, 290, 133254	8.4	1
10	Historical Trends of Dioxin and Agrochemicals in Rice Straw and their Impact on Daily PCDD/Fs Intake via Foods. *Journal of Environmental Chemistry*, **2003**, 13, 369-383	0.3	1
9	Ecological Risk Assessment of Copper in Coastal Areas of Japan: How will Bioavailability Considerations Change the Assessment Results?. *Journal of Japan Society on Water Environment*, **2019**, 42, 105-115	0.2	1
8	Source Apportionment of Dioxin Pollution in River Sediment using Positive Matrix Factorization. *Journal of Environmental Chemistry*, **2011**, 21, 1-11	0.3	1
7	Spatial Modeling for Elucidation of Perfluorinated Compound Sources and Fate in a Watershed **2014**, 775-796		
6	Analysis of Bis(tributyltin) Oxide in Industrial Products by Mass Spectrometry with Direct Sample Injection. *Bunseki Kagaku*, **2013**, 62, 965-970	0.2	
5	FIELD OBSERVATIONS ON THE CHARACTERISTIC AND TRANSPORT OF ORGANOTIN COMPOUNDS ON THE HARBORS. *Doboku Gakkai Ronbunshuu G*, **2006**, 62, 287-296		
4	Evaluation of Population Genetic Structure of Pseudorasbora Parva in Kanto Region and Main Stressor Effects on Genetic Variability and Genotype. *Journal of Japan Society on Water Environment*, **2006**, 29, 553-560	0.2	

List of Publications

3	Partitioning of chlorobenzenes between suspended particulates and water in coastal waters. *Journal of Environmental Science and Health Part A: Environmental Science and Engineering*, **1996**, 31, 887-903	
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