

# Shigeki Masunaga

## List of Publications by Year in descending order

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164  
papers

6,567  
citations

43973

48  
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76769

74  
g-index

168  
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168  
docs citations

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times ranked

6206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dioxin- and POP-contaminated sites—contemporary and future relevance and challenges. <i>Environmental Science and Pollution Research</i> , 2008, 15, 363-393.	2.7	322
2	Dioxin and dioxin-like PCB impurities in some Japanese agrochemical formulations. <i>Chemosphere</i> , 2001, 44, 873-885.	4.2	214
3	Potential ecological risk of hazardous elements in different land-use urban soils of Bangladesh. <i>Science of the Total Environment</i> , 2015, 512-513, 94-102.	3.9	211
4	Concentrations of perfluorinated acids in livers of birds from Japan and Korea. <i>Chemosphere</i> , 2002, 49, 225-231.	4.2	190
5	Ambient levels of volatile organic compounds in the vicinity of petrochemical industrial area of Yokohama, Japan. <i>Air Quality, Atmosphere and Health</i> , 2010, 3, 65-75.	1.5	141
6	Detailed PCB congener patterns in incinerator flue gas and commercial PCB formulations (Kanechlor). <i>Chemosphere</i> , 2004, 55, 539-553.	4.2	138
7	Characterization of PM <sub>2.5</sub> , PM <sub>2.5-10</sub> and PM <sub>10</sub> in ambient air, Yokohama, Japan. <i>Atmospheric Research</i> , 2010, 96, 159-172.	1.8	136
8	Assessment of Trace Metal Contamination in Water and Sediment of Some Rivers in Bangladesh. <i>Journal of Water and Environment Technology</i> , 2014, 12, 109-121.	0.3	132
9	Trace metal contamination in commercial fish and crustaceans collected from coastal area of Bangladesh and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17298-17310.	2.7	127
10	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. <i>Water Research</i> , 2004, 38, 4491-4501.	5.3	119
11	Occurrence and ecological risk of pharmaceuticals in river surface water of Bangladesh. <i>Environmental Research</i> , 2018, 165, 258-266.	3.7	113
12	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. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1878-1889.	2.2	109
13	Atmospheric polycyclic aromatic hydrocarbons: size distribution, estimation of their risk and their depositions to the human respiratory tract. <i>Science of the Total Environment</i> , 2005, 340, 71-80.	3.9	105
14	Progress and perspective of perfluorinated compound risk assessment and management in various countries and institutes. <i>Clean Technologies and Environmental Policy</i> , 2012, 14, 9-20.	2.1	103
15	Quantitative Identification of Unknown Exposure Pathways of Phthalates Based on Measuring Their Metabolites in Human Urine. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4542-4547.	4.6	101
16	Existence of nonpoint source of perfluorinated compounds and their loads in the Tsurumi River basin, Japan. <i>Chemosphere</i> , 2008, 71, 1566-1573.	4.2	100
17	Trace metals in soil and vegetables and associated health risk assessment. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 8727-8739.	1.3	96
18	Passive air monitoring of PCBs and PCNs across East Asia: A comprehensive congener evaluation for source characterization. <i>Chemosphere</i> , 2012, 86, 718-726.	4.2	92

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19	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.	2.1	90
20	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.	2.2	90
21	Time trends of perfluorinated compounds from the sediment core of Tokyo Bay, Japan (1950sâ€“2004). Environmental Pollution, 2010, 158, 756-763.	3.7	87
22	Antibiotics, antibiotic-resistant bacteria, and resistance genes in aquaculture: risks, current concern, and future thinking. Environmental Science and Pollution Research, 2022, 29, 11054-11075.	2.7	84
23	Polychlorinated dibenzo-p-dioxins and dibenzofurans in sediment, soil, fish, shellfish and crab samples from Tokyo Bay area, Japan. Chemosphere, 2000, 40, 627-640.	4.2	83
24	Occurrence of Estrogenic Compounds in and Removal by a Swine Farm Waste Treatment Plant. Environmental Science & Technology, 2006, 40, 7896-7902.	4.6	83
25	Identifying Sources and Mass Balance of Dioxin Pollution in Lake Shinji Basin, Japan. Environmental Science & Technology, 2001, 35, 1967-1973.	4.6	82
26	Source and behavior analyses of dioxins based on congener-specific information and their application to Tokyo Bay basin. Chemosphere, 2003, 53, 315-324.	4.2	81
27	Comprehensive study on effects of water matrices on removal of pharmaceuticals by three different kinds of advanced oxidation processes. Chemosphere, 2016, 159, 317-325.	4.2	79
28	Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Polychlorinated Biphenyls in Human Tissues, Meat, Fish, and Wildlife Samples from India. Environmental Science & Technology, 2001, 35, 3448-3455.	4.6	77
29	Quantifying the sources of hazardous elements of suspended particulate matter aerosol collected in Yokohama, Japan. Atmospheric Environment, 2010, 44, 2646-2657.	1.9	77
30	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.	2.9	77
31	Assessment of trace metals in fish species of urban rivers in Bangladesh and health implications. Environmental Toxicology and Pharmacology, 2015, 39, 347-357.	2.0	74
32	Occurrence, distribution, ecological and resistance risks of antibiotics in surface water of finfish and shellfish aquaculture in Bangladesh. Chemosphere, 2017, 188, 329-336.	4.2	73
33	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, 1982-1992.	1.1	69
34	Polychlorinated dibenzo-p-dioxins, dibenzofurans and polychlorinated biphenyls in polar bear, penguin and south polar skua. Environmental Pollution, 2002, 119, 151-161.	3.7	66
35	Atmospheric deposition of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in the Kanto Region, Japan. Chemosphere, 2001, 44, 1473-1487.	4.2	65
36	Congener-specific characterization of PCDDs/PCDFs in atmospheric deposition: comparison of profiles among deposition, source, and environmental sink. Chemosphere, 2001, 45, 173-183.	4.2	65

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37	Assessment of trace metals in foodstuffs grown around the vicinity of industries in Bangladesh. <i>Journal of Food Composition and Analysis</i> , 2015, 42, 8-15.	1.9	64
38	Characterization of dioxin-like activity of sediments from a Czech River Basin. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2768-2777.	2.2	61
39	Spatially Detailed Survey on Pollution by Multiple Perfluorinated Compounds in the Tokyo Bay Basin of Japan. <i>Environmental Science &amp; Technology</i> , 2011, 45, 2887-2893.	4.6	61
40	Brominated Organic Contaminants in the Liver and Egg of the Common Cormorants ( <i>Phalacrocorax</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.6	60
41	Application of an ecosystem model for aquatic ecological risk assessment of chemicals for a Japanese lake. <i>Water Research</i> , 2002, 36, 1-14.	5.3	59
42	Behavior and source characteristic of PCBS in urban ambient air of Yokohama, Japan. <i>Environmental Pollution</i> , 2005, 138, 290-298.	3.7	58
43	Organochlorine Pesticides in Water, Sediment and Fish from the Nile River and Manzala Lake in Egypt. <i>International Journal of Environmental Analytical Chemistry</i> , 2000, 77, 289-303.	1.8	57
44	Dynamics of PCDDs/DFs and coplanar-PCBs in an aquatic food chain of Tokyo Bay. <i>Chemosphere</i> , 2003, 53, 347-362.	4.2	56
45	Perfluoroalkyl acids (PFAAs) in the Pra and Kakum River basins and associated tap water in Ghana. <i>Science of the Total Environment</i> , 2017, 579, 729-735.	3.9	55
46	Levels and distribution of hexabromocyclododecane and its lower brominated derivative in Japanese riverine environment. <i>Chemosphere</i> , 2014, 109, 157-163.	4.2	51
47	Occurrence and distribution of perfluoroalkyl acids (PFAAs) in surface water and sediment of a tropical coastal area (Bay of Bengal coast, Bangladesh). <i>Science of the Total Environment</i> , 2016, 571, 1089-1104.	3.9	51
48	First-flush loads of perfluorinated compounds in stormwater runoff from Hayabuchi River basin, Japan served by separated sewerage system. <i>Chemosphere</i> , 2009, 76, 833-840.	4.2	50
49	Atmospheric Polychlorinated Naphthalenes in Ghana. <i>Environmental Science &amp; Technology</i> , 2012, 46, 2600-2606.	4.6	50
50	Assessment of Trace Metals in Surface Water and Sediment Collected from Polluted Coastal Areas of Bangladesh. <i>Journal of Water and Environment Technology</i> , 2016, 14, 247-259.	0.3	46
51	Distribution and Elimination of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans, Biphenyls, and p,p'-DDE in Tissues of Bald Eagles from the Upper Peninsula of Michigan. <i>Environmental Science &amp; Technology</i> , 2002, 36, 2789-2796.	4.6	45
52	Survey of perfluoroalkyl acids (PFAAs) and their precursors present in Japanese consumer products. <i>Chemosphere</i> , 2015, 127, 262-268.	4.2	45
53	Occurrence and assessment of perfluoroalkyl acids (PFAAs) in commonly consumed seafood from the coastal area of Bangladesh. <i>Marine Pollution Bulletin</i> , 2017, 124, 775-785.	2.3	45
54	Spatial distribution and importance of potential perfluoroalkyl acid precursors in urban rivers and sewage treatment plant effluent – Case study of Tama River, Japan. <i>Water Research</i> , 2014, 67, 77-85.	5.3	44

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55	Polychlorinated Dibenzo- p -Dioxins, Dibenzofurans, and Dioxin-Like Polychlorinated Biphenyls in Livers of Birds from Japan. Archives of Environmental Contamination and Toxicology, 2002, 42, 244-255.	2.1	41
56	Perfluorinated organic contaminants in sediment and aquatic wildlife, including sharks, from Georgia, USA. Marine Pollution Bulletin, 2009, 58, 621-629.	2.3	41
57	Occurrence of preservatives and antimicrobials in Japanese rivers. Chemosphere, 2014, 107, 393-399.	4.2	41
58	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, 2211-2224.	4.2	39
59	IDENTIFYING THE NONPOINT SOURCE OF PERFLUORINATED COMPOUNDS USING A GEOGRAPHIC INFORMATION SYSTEM BASED APPROACH. Environmental Toxicology and Chemistry, 2009, 28, 691.	2.2	39
60	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.	1.8	37
61	An Exposure Assessment of Methyl Mercury via Fish Consumption for the Japanese Population. Risk Analysis, 2009, 29, 1281-1291.	1.5	35
62	Evaluation of an ecosystem model in ecological risk assessment of chemicals. Chemosphere, 2003, 53, 363-375.	4.2	34
63	Detailed study on the levels of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls in Yusho rice oil. Chemosphere, 2002, 46, 1461-1469.	4.2	33
64	Does the Choice of NOEC or EC10 Affect the Hazardous Concentration for 5% of the Species?. Environmental Science & Technology, 2015, 49, 9326-9330.	4.6	33
65	Organophosphate flame retardants in the indoor air and dust in cars in Japan. Environmental Monitoring and Assessment, 2017, 189, 48.	1.3	33
66	Pathway and Rate of Chlorophenol Transformation in Anaerobic Estuarine Sediment. Environmental Science & Technology, 1996, 30, 1253-1260.	4.6	32
67	Quantitative Source Identification of Dioxin-like PCBs in Yokohama, Japan, by Temperature Dependence of Their Atmospheric Concentrations. Environmental Science & Technology, 2004, 38, 3279-3285.	4.6	31
68	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, 237-245.	2.1	31
69	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, 538-551.	2.1	31
70	Transformations of chloronitrobenzenes in anaerobic sediment. Chemosphere, 1996, 32, 967-977.	4.2	30
71	Polycyclic Aromatic Hydrocarbons in Urban Air: Concentration Levels, Patterns, and Source Analysis in Nairobi, Kenya. Environmental Forensics, 2006, 7, 147-157.	1.3	30
72	Assessment of the sources of suspended particulate matter aerosol using US EPA PMF 3.0. Environmental Monitoring and Assessment, 2012, 184, 1063-1083.	1.3	29

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73	Evaluation of trace metals bioavailability in Japanese river waters using DGT and a chemical equilibrium model. <i>Water Research</i> , 2013, 47, 4880-4892.	5.3	29
74	Source characterization and risk of exposure to atmospheric polychlorinated biphenyls (PCBs) in Ghana. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16316-16324.	2.7	29
75	Chlorinated persistent organic pollutants in black-tailed gulls ( <i>Larus crassirostris</i> ) from Hokkaido, Japan. <i>Chemosphere</i> , 2001, 44, 1375-1382.	4.2	28
76	Reduction in toxicity of wastewater from three wastewater treatment plants to alga ( <i>Scenedesmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	28
77	Degradation of tri-n-butyltin in Ise Bay sediment. <i>Chemosphere</i> , 1994, 29, 1349-1356.	4.2	27
78	Fingerprinting Localized Dioxin Contamination: A Ichihara Anchorage Case. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3864-3870.	4.6	27
79	Seasonal variation of atmospheric polychlorinated biphenyls and polychlorinated naphthalenes in Japan. <i>Atmospheric Environment</i> , 2013, 80, 275-280.	1.9	26
80	Distributions of butyltins in the surface sediment of Ise Bay, Japan. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 1175-1184.	2.2	25
81	Polychlorinated Biphenyls, Dibenzo-p-dioxins, Dibenzofurans, and p,p'-DDE in Livers of White-Tailed Sea Eagles from Eastern Germany, 1979-1998. <i>Environmental Science &amp; Technology</i> , 2003, 37, 1249-1255.	4.6	24
82	Relating metal bioavailability to risk assessment for aquatic species: Daliao River watershed, China. <i>Environmental Pollution</i> , 2014, 189, 215-222.	3.7	23
83	Reduction in toxicity of coking wastewater to aquatic organisms by vertical tubular biological reactor. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 217-222.	2.9	23
84	Reductive transformations of halogenated aromatics in anaerobic estuarine sediment: kinetics, products and pathways. <i>Water Research</i> , 1998, 32, 639-648.	5.3	21
85	Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Dioxin-Like Polychlorinated Biphenyls in Sediment and Mussel Samples from Kentucky Lake, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 20-30.	2.1	21
86	Atmospheric burden of organochlorine pesticides in Ghana. <i>Chemosphere</i> , 2014, 102, 1-5.	4.2	21
87	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.	2.2	21
88	The distribution of chlorobenzenes in the bottom sediments of Ise bay. <i>Water Research</i> , 1991, 25, 275-288.	5.3	20
89	Environmental Behavior of Perfluorinated Surfactants in Tokyo Bay. <i>Journal of Japan Society on Water Environment</i> , 2006, 29, 221-228.	0.1	20
90	Time Trends in Sources and Dechlorination Pathways of Dioxins in Agrochemically Contaminated Sediments. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2703-2710.	4.6	20

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91	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
92	Congener-Specific Tissue Distribution and Hepatic Sequestration of PCDD/Fs in Wild Herring Gulls from Bohai Bay, North China: A Comparison to Coplanar PCBs. <i>Environmental Science &amp; Technology</i> , 2006, 40, 1462-1468.	4.6	19
93	Particle associated polycyclic aromatic hydrocarbons in the atmospheric environment of urban and suburban residential area. <i>International Journal of Environmental Science and Technology</i> , 2011, 8, 255-266.	1.8	19
94	GIS-based source identification and apportionment of diffuse water pollution: Perfluorinated compound pollution in the Tokyo Bay basin. <i>Chemosphere</i> , 2011, 85, 1340-1346.	4.2	19
95	Sources and distribution of hexabromocyclododecanes (HBCDs) in Japanese river sediment. <i>Journal of Environmental Monitoring</i> , 2012, 14, 901.	2.1	19
96	Dechlorination of chlorobenzenes in anaerobic estuarine sediment. <i>Water Science and Technology</i> , 1996, 33, 173-180.	1.2	18
97	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. <i>Journal of Chromatography A</i> , 2014, 1338, 117-126.	1.8	18
98	Dechlorination of chlorobenzenes in anaerobic estuarine sediment. <i>Water Science and Technology</i> , 1996, 33, 173.	1.2	17
99	Atmospheric monitoring of organochlorine pesticides across some West African countries. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31828-31835.	2.7	17
100	Polychlorinated biphenyls (PCBs) in commonly consumed seafood from the coastal area of Bangladesh: occurrence, distribution, and human health implications. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1355-1369.	2.7	17
101	The behavior of chlorobenzenes in Ise bay, estimated from their concentrations in various environmental media. <i>Water Research</i> , 1991, 25, 289-297.	5.3	16
102	Redox Potential as a Parameter To Predict the Reductive Dechlorination Pathway of Chloroanilines in Anaerobic Environments. <i>Microbial Ecology</i> , 1997, 33, 252-256.	1.4	16
103	Reductive Dehalogenation of Chloroanilines in Anaerobic Estuarine Sediment. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 75-83.	1.2	15
104	Specific biomagnification of polychlorinated dibenzo-p-dioxins and dibenzofurans in tufted ducks ( <i>Aythya fuligula</i> ), common cormorants ( <i>Phalacrocorax carbo</i> ) and their prey from Lake Shinji, Japan. <i>Chemosphere</i> , 2002, 46, 1373-1382.	4.2	15
105	Estimation of effects of dioxins and dioxin-like PCBs on wildlife population—a case study on common cormorant. <i>Chemosphere</i> , 2003, 53, 337-345.	4.2	14
106	Acute toxicity reduction and toxicity identification in pigment-contaminated wastewater during anaerobic-anoxic-oxic (A/A/O) treatment process. <i>Chemosphere</i> , 2017, 168, 1285-1292.	4.2	14
107	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. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 277.	2.2	13
108	Spatial distribution and loading amounts of particle sorbed and dissolved perfluorinated compounds in the basin of Tokyo Bay. <i>Chemosphere</i> , 2012, 88, 1353-1357.	4.2	13

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109	Seasonal-spatial distributions, congener profile, and risk assessment of polychlorinated biphenyls (PCBS) in the surficial sediments from the coastal area of Bangladesh. <i>Soil and Sediment Contamination</i> , 2019, 28, 28-50.	1.1	13
110	Dechlorination of 1,2,4-trichlorobenzene in the sediment of Ise Bay. <i>Chemosphere</i> , 1994, 28, 2179-2184.	4.2	11
111	Source Identification and Concentration Distribution of Polychlorinated Biphenyls in Environmental Media Around Industrial Complexes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 859-864.	1.3	11
112	Urban and suburban aerosol in Yokohama, Japan: a comprehensive chemical characterization. <i>Environmental Monitoring and Assessment</i> , 2010, 171, 441-456.	1.3	11
113	Transformation Kinetics and Pathways of Chlorophenols and Hexachlorobenzene in Fresh Water Lake Sediment Under Anaerobic Conditions. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 903-911.	1.2	10
114	Concentrations and profiles of polychlorinated biphenyls, -dibenzo-p-dioxins and -dibenzofurans in livers of mink from South Carolina and Louisiana, U.S.A. <i>Environmental Monitoring and Assessment</i> , 2003, 83, 17-33.	1.3	10
115	Chlorinated hydrocarbon contaminants in blood of black and turkey vultures from Savannah River Site, South Carolina, USA. <i>Chemosphere</i> , 2003, 53, 173-182.	4.2	10
116	Chemical speciation of trace metals in the industrial sludge of Dhaka City, Bangladesh. <i>Water Science and Technology</i> , 2017, 76, 256-267.	1.2	10
117	Car indoor air pollution by volatile organic compounds and aldehydes in Japan. <i>AIMS Environmental Science</i> , 2016, 3, 362-381.	0.7	10
118	POPULATION-LEVEL ECOLOGICAL RISK ASSESSMENT OF PLANAR POLYCHLORINATED AROMATIC HYDROCARBONS IN GREAT CORMORANT (PHALACROCORAX CARBO) AROUND TOKYO BAY, JAPAN. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2508.	2.2	9
119	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. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 83.	1.3	9
120	Hydrolysis of <i>para</i> -substituted benzonitriles in water. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1457-1463.	2.2	8
121	Accumulation of Polychlorinated Dibenzo- p -Dioxins, Dibenzofurans, and Dioxin-like PCBs in Black-Tailed Gulls and Eggs. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 733-740.	1.3	8
122	Dioxins/Furans and Polychlorinated Biphenyls (PCBs) in Dugongs from the Thailand Coast. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 198-204.	1.3	8
123	Polychlorinated -dibenzo-p-dioxins/furans and -dioxin-like biphenyls in eggs of common terns from lime island, St. Mary's river, Michigan, USA. <i>Toxicological and Environmental Chemistry</i> , 2003, 85, 221-232.	0.6	8
124	Source Identification and Behavior of PCDD/Fs and Dioxin-like PCBs in Japanese River Water. <i>Journal of Japan Society on Water Environment</i> , 2003, 26, 655-662.	0.1	8
125	Reductive dechlorination pathways of chloro organics under anaerobic conditions. <i>Water Science and Technology</i> , 1996, 34, .	1.2	7
126	Anaerobic transformation kinetics and pathways of chlorophenols in fresh water lake sediment. <i>Water Science and Technology</i> , 1997, 36, 99.	1.2	7



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127	Analysis of atmospheric behavior of PCDDs/PCDFs by a one-compartment box model. <i>Chemosphere</i> , 2003, 53, 399-412.	4.2	7
128	Application of a 3-D chemical fate prediction model (FATE3D) to predict dioxin concentrations in the Tokyo Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 70, 621-632.	0.9	7
129	Simulated impact of a change in fish consumption on intake of n-3 polyunsaturated fatty acids. <i>Journal of Food Composition and Analysis</i> , 2009, 22, 657-662.	1.9	7
130	PCBs, Dioxins, and Furans: Human Exposure and Health Effects. , 2009, , 245-253.		7
131	Residue Level of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans and Coplanar PCBs in Common Cormorant.. <i>Journal of Environmental Chemistry</i> , 2000, 10, 817-831.	0.1	7
132	Comparison study on observed and estimated concentrations of perfluorooctane sulfonate using a fate model in Tokyo Bay of Japan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 770-776.	0.9	6
133	Microbial transformation of o-cresol to dihydroxytoluenes by phenol acclimated activated sludge. <i>Chemosphere</i> , 1983, 12, 1075-1082.	4.2	5
134	Transformation of benzonitriles in anaerobic sediment and in sediment extract. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1827-1838.	2.2	5
135	Comparison of Residue Levels of Polychlorinated Dibenzo-p-dioxins, Polychlorinated Dibenzofurans and Coplanar PCBs in Eggs of Common Cormorants, <i>Phalacrocorax carbo</i> Collected from Two Colonies of Japan.. <i>Journal of Japan Society on Water Environment</i> , 2001, 24, 447-453.	0.1	5
136	Dioxin Impurity in Agrochemicals.. <i>Waste Management Research</i> , 2002, 13, 247-254.	0.0	5
137	Concentrations and Biota-Sediment Accumulations of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Fish and Shrimp from Lake Kasumigaura.. <i>Journal of Environmental Chemistry</i> , 1996, 6, 541-549.	0.1	5
138	Vertical profiles of organochlorine pesticides in sediment core from Nile river and Manzala lake, Egypt. <i>Toxicological and Environmental Chemistry</i> , 1997, 58, 151-161.	0.6	4
139	Polychlorinated-dibenzo-p-dioxins, -dibenzofurans and -dioxin-like polychlorinated biphenyls in aquatic organisms from lake Kasumigaura, Japan. <i>Toxicological and Environmental Chemistry</i> , 2003, 85, 121-132.	0.6	4
140	PCBs, Dioxins and Furans. , 2015, , 239-247.		4
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