Hyo-Bang Moon

List of Publications by Year
in descending order

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185	9,596	36303	46799
papers	citations	51 h-index	89 g-index

187	187	187	8530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bisphenol S in Urine from the United States and Seven Asian Countries: Occurrence and Human Exposures. Environmental Science & Technology, 2012, 46, 6860-6866.	10.0	546
2	Occurrence of Eight Bisphenol Analogues in Indoor Dust from the United States and Several Asian Countries: Implications for Human Exposure. Environmental Science & Technology, 2012, 46, 9138-9145.	10.0	484
3	Bisphenol A and other bisphenol analogues including BPS and BPF in surface water samples from Japan, China, Korea and India. Ecotoxicology and Environmental Safety, 2015, 122, 565-572.	6.0	446
4	Bisphenol Analogues in Sediments from Industrialized Areas in the United States, Japan, and Korea: Spatial and Temporal Distributions. Environmental Science & Technology, 2012, 46, 11558-11565.	10.0	294
5	A comparative assessment of human exposure to tetrabromobisphenol A and eight bisphenols including bisphenol A via indoor dust ingestion in twelve countries. Environment International, 2015, 83, 183-191.	10.0	218
6	Polybrominated diphenyl ethers (PBDEs) in sediment and bivalves from Korean coastal waters. Chemosphere, 2007, 66, 243-251.	8.2	188
7	Bisphenol A distribution in serum, urine, placenta, breast milk, and umbilical cord serum in a birth panel of motherâ€“neonate pairs. Science of the Total Environment, 2018, 626, 1494-1501.	8.0	183
8	Emission of bisphenol analogues including bisphenol A and bisphenol F from wastewater treatment plants in Korea. Chemosphere, 2015, 119, 1000-1006.	8.2	172
9	Benzotriazole, Benzothiazole, and Benzophenone Compounds in Indoor Dust from the United States and East Asian Countries. Environmental Science & Technology, 2013, 47, 4752-4759.	10.0	171
10	Occurrence and Human Exposure of p-Hydroxybenzoic Acid Esters (Parabens), Bisphenol A Diglycidyl Ether (BADGE), and Their Hydrolysis Products in Indoor Dust from the United States and Three East Asian Countries. Environmental Science & Technology, 2012, 46, 11584-11593.	10.0	161
11	Occurrence and exposure assessment of organophosphate flame retardants (OPFRs) through the consumption of drinking water in Korea. Water Research, 2016, 103, 182-188.	11.3	156
12	Concentrations and Profiles of Urinary Polycyclic Aromatic Hydrocarbon Metabolites (OH-PAHs) in Several Asian Countries. Environmental Science & Technology, 2013, 47, 2932-2938.	10.0	154
13	Association between maternal exposure to major phthalates, heavy metals, and persistent organic pollutants, and the neurodevelopmental performances of their children at 1 to 2 years of age- CHECK cohort study. Science of the Total Environment, 2018, 624, 377-384.	8.0	138
14	Contamination and potential sources of polybrominated diphenyl ethers (PBDEs) in water and sediment from the artificial Lake Shihwa, Korea. Chemosphere, 2012, 88, 837-843.	8.2	137
15	Organophosphate flame retardants (OPFRs) in water and sediment: Occurrence, distribution, and hotspots of contamination of Lake Shihwa, Korea. Marine Pollution Bulletin, 2018, 130, 105-112.	5.0	136
16	Urinary paraben concentrations among pregnant women and their matching newborn infants of Korea, and the association with oxidative stress biomarkers. Science of the Total Environment, 2013, 461-462, 214-221.	8.0	128
17	Effects of TDCPP or TPP on gene transcriptions and hormones of HPG axis, and their consequences on reproduction in adult zebrafish (Danio rerio). Aquatic Toxicology, 2013, 134-135, 104-111.	4.0	124
18	Distribution, Fate, Inhalation Exposure and Lung Cancer Risk of Atmospheric Polycyclic Aromatic Hydrocarbons in Some Asian Countries. Environmental Science & Technology, 2016, 50, 7163-7174.	10.0	122

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19	Polybrominated diphenyl ethers (PBDEs) in marine sediments from industrialized bays of Korea. Marine Pollution Bulletin, 2007, 54, 1402-1412.	5.0	118
20	Parabens in Sediment and Sewage Sludge from the United States, Japan, and Korea: Spatial Distribution and Temporal Trends. Environmental Science & Technology, 2013, 47, 10895-10902.	10.0	110
21	Emission of artificial sweeteners, select pharmaceuticals, and personal care products through sewage sludge from wastewater treatment plants in Korea. Environment International, 2014, 68, 33-40.	10.0	104
22	Human health risk of polychlorinated biphenyls and organochlorine pesticides resulting from seafood consumption in South Korea, 2005â€“2007. Food and Chemical Toxicology, 2009, 47, 1819-1825.	3.6	102
23	Does wet precipitation represent local and regional atmospheric transportation by perfluorinated alkyl substances?. Environment International, 2013, 55, 25-32.	10.0	99
24	Bioaccumulation of Perfluorochemicals in Pacific Oyster under Different Salinity Gradients. Environmental Science & Technology, 2010, 44, 2695-2701.	10.0	98
25	Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure. Environment International, 2019, 133, 105178.	10.0	92
26	Polybrominated Diphenyl Ethers (PBDEs) in Surface Soils across Five Asian Countries: Levels, Spatial Distribution, and Source Contribution. Environmental Science & Technology, 2016, 50, 12779-12788.	10.0	91
27	Synthetic Phenolic Antioxidants and Their Metabolites in Indoor Dust from Homes and Microenvironments. Environmental Science & Technology, 2016, 50, 428-434.	10.0	91
28	Wastewater treatment plants (WWTPs) as a source of sediment contamination by toxic organic pollutants and fecal sterols in a semi-enclosed bay in Korea. Chemosphere, 2008, 73, 880-889.	8.2	85
29	Perfluoroalkyl substances (PFASs) in breast milk from Korea: Time-course trends, influencing factors, and infant exposure. Science of the Total Environment, 2018, 612, 286-292.	8.0	82
30	Occurrence and accumulation patterns of polycyclic aromatic hydrocarbons and synthetic musk compounds in adipose tissues of Korean females. Chemosphere, 2012, 86, 485-490.	8.2	77
31	Chlorinated and brominated contaminants including PCBs and PBDEs in minke whales and common dolphins from Korean coastal waters. Journal of Hazardous Materials, 2010, 179, 735-741.	12.4	76
32	Association between several persistent organic pollutants and thyroid hormone levels in serum among the pregnant women of Korea. Environment International, 2013, 59, 442-448.	10.0	75
33	A survey of cyclic and linear siloxanes in indoor dust and their implications for human exposures in twelve countries. Environment International, 2015, 78, 39-44.	10.0	75
34	Associations of organochlorine pesticides and polychlorinated biphenyls in visceral vs. subcutaneous adipose tissue with type 2 diabetes and insulin resistance. Chemosphere, 2014, 94, 151-157.	8.2	73
35	Atmospheric Deposition of Polycyclic Aromatic Hydrocarbons in an Urban and a Suburban Area of Korea from 2002 to 2004. Archives of Environmental Contamination and Toxicology, 2006, 51, 494-502.	4.1	72
36	Concentrations of phthalate metabolites in breast milk in Korea: Estimating exposure to phthalates and potential risks among breast-fed infants. Science of the Total Environment, 2015, 508, 13-19.	8.0	72

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37	Association of diethylhexyl phthalate with obesity-related markers and body mass change from birth to 3â€…months of age. Journal of Epidemiology and Community Health, 2016, 70, 466-472.	3.7	71
38	Atmospheric deposition of polybrominated diphenyl ethers (PBDEs) in coastal areas in Korea. Chemosphere, 2007, 66, 585-593.	8.2	70
39	Intake and Potential Health Risk of Polycyclic Aromatic Hydrocarbons Associated with Seafood Consumption in Korea from 2005 to 2007. Archives of Environmental Contamination and Toxicology, 2010, 58, 214-221.	4.1	65
40	Occurrence of PBDEs and other alternative brominated flame retardants in sludge from wastewater treatment plants in Korea. Science of the Total Environment, 2014, 470-471, 1422-1429.	8.0	64
41	Assessment of exposure to polybrominated diphenyl ethers (PBDEs) via seafood consumption and dust ingestion in Korea. Science of the Total Environment, 2013, 443, 24-30.	8.0	63
42	A nationwide survey and emission estimates of cyclic and linear siloxanes through sludge from wastewater treatment plants in Korea. Science of the Total Environment, 2014, 497-498, 106-112.	8.0	62
43	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in the coastal environment of Korea: Occurrence, spatial distribution, and bioaccumulation potential. Chemosphere, 2020, 251, 126633.	8.2	62
44	Congenerâ€specific characterization and sources of polychlorinated dibenzoâ€pâ€dioxins, dibenzofurans and dioxinâ€like polychlorinated biphenyls in marine sediments from industrialized bays of Korea. Environmental Toxicology and Chemistry, 2008, 27, 323-333.	4.3	61
45	Monitoring of organic contaminants in sediments from the Korean coast: Spatial distribution and temporal trends (2001â€“2007). Marine Pollution Bulletin, 2011, 62, 1352-1361.	5.0	61
46	Dietary intake of PCDDs, PCDFs and dioxin-like PCBs, due to the consumption of various marine organisms from Korea. Chemosphere, 2006, 62, 1142-1152.	8.2	60
47	Longâ€term exposure to triphenylphosphate alters hormone balance and HPG, HPI, and HPT gene expression in zebrafish (Danio rerio). Environmental Toxicology and Chemistry, 2016, 35, 2288-2296.	4.3	60
48	Synthetic musk compounds and benzotriazole ultraviolet stabilizers in breast milk: Occurrence, timeâ€“course variation and infant health risk. Environmental Research, 2015, 140, 466-473.	7.5	59
49	Human exposure to legacy and emerging flame retardants in indoor dust: A multiple-exposure assessment of PBDEs. Science of the Total Environment, 2020, 719, 137386.	8.0	58
50	Placental transfer of persistent organic pollutants and feasibility using the placenta as a non-invasive biomonitoring matrix. Science of the Total Environment, 2018, 612, 1498-1505.	8.0	57
51	Low-Dose Persistent Organic Pollutants Impair Insulin Secretory Function of Pancreatic Î²-Cells: Human and In Vitro Evidence. Diabetes, 2017, 66, 2669-2680.	0.6	56
52	Human exposure to PCDDs, PCDFs and dioxin-like PCBs associated with seafood consumption in Korea from 2005 to 2007. Environment International, 2009, 35, 279-284.	10.0	55
53	Thyroid Hormone-Disrupting Potentials of Major Benzophenones in Two Cell Lines (GH3 and FRTL-5) and Embryo-Larval Zebrafish. Environmental Science & Technology, 2018, 52, 8858-8865.	10.0	55
54	Spatial and temporal distribution of tributyltin (TBT) in seawater, sediments and bivalves from coastal areas of Korea during 2001â€“2005. Environmental Monitoring and Assessment, 2009, 151, 301-310.	2.7	51

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55	Polybrominated Diphenyl Ethers, Polychlorinated Biphenyls, and Organochlorine Pesticides in Adipose Tissues of Korean Women. Archives of Environmental Contamination and Toxicology, 2012, 62, 176-184.	4.1	51
56	Occurrence of perchlorate in indoor dust from the United States and eleven other countries: Implications for human exposure. Environment International, 2015, 75, 166-171.	10.0	51
57	Effects of tris(2-butoxyethyl) phosphate exposure on endocrine systems and reproduction of zebrafish (Danio rerio). Environmental Pollution, 2016, 214, 568-574.	7.5	50
58	Maternal exposures to persistent organic pollutants are associated with DNA methylation of thyroid hormone-related genes in placenta differently by infant sex. Environment International, 2019, 130, 104956.	10.0	49
59	Urinary metabolites of dibutyl phthalate and benzophenone-3 are potential chemical risk factors of chronic kidney function markers among healthy women. Environment International, 2019, 124, 354-360.	10.0	48
60	Organohalogen contaminants in finless porpoises (Neophocaena phocaenoides) from Korean coastal waters: Contamination status, maternal transfer and ecotoxicological implications. Marine Pollution Bulletin, 2010, 60, 768-774.	5.0	47
61	Psychoactive Pharmaceuticals in Sludge and Their Emission from Wastewater Treatment Facilities in Korea. Environmental Science & Technology, 2013, 47, 13321-13329.	10.0	47
62	Newly Identified AhR-Active Compounds in the Sediments of an Industrial Area Using Effect-Directed Analysis. Environmental Science & Technology, 2019, 53, 10043-10052.	10.0	47
63	Occurrence and emission of phthalates and non-phthalate plasticizers in sludge from wastewater treatment plants in Korea. Science of the Total Environment, 2019, 692, 354-360.	8.0	47
64	Severe pollution of PCDD/Fs and dioxin-like PCBs in sediments from Lake Shihwa, Korea: Tracking the source. Marine Pollution Bulletin, 2012, 64, 2357-2363.	5.0	46
65	Occurrence and Source Effect of Novel Brominated Flame Retardants (NBFRs) in Soils from Five Asian Countries and Their Relationship with PBDEs. Environmental Science & Technology, 2017, 51, 11126-11135.	10.0	45
66	Polybrominated diphenyl ethers (PBDEs) in breast milk of Korea in 2011: Current contamination, time course variation, influencing factors and health risks. Environmental Research, 2013, 126, 76-83.	7.5	44
67	Historical trends of PCDDs, PCDFs, dioxin-like PCBs and nonylphenols in dated sediment cores from a semi-enclosed bay in Korea: Tracking the sources. Chemosphere, 2009, 75, 565-571.	8.2	43
68	Occurrences of major polybrominated diphenyl ethers (PBDEs) in maternal and fetal cord blood sera in Korea. Science of the Total Environment, 2014, 491-492, 219-226.	8.0	43
69	An optimized method for the analysis of cyclic and linear siloxanes and their distribution in surface and core sediments from industrialized bays in Korea. Environmental Pollution, 2018, 236, 111-118.	7.5	43
70	Bioconcentration of perfluorinated compounds in blackrock fish, Sebastes schlegeli, at different salinity levels. Environmental Toxicology and Chemistry, 2010, 29, 2529-2535.	4.3	42
71	Association between Several Persistent Organic Pollutants and Thyroid Hormone Levels in Cord Blood Serum and Bloodspot of the Newborn Infants of Korea. PLoS ONE, 2015, 10, e0125213.	2.5	42
72	Species-specific accumulation of polybrominated diphenyl ethers (PBDEs) and other emerging flame retardants in several species of birds from Korea. Environmental Pollution, 2016, 219, 191-200.	7.5	42

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73	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. Environmental Research, 2020, 189, 109874.	7.5	42
74	Phthalates and non-phthalate plasticizers in sediment from Korean coastal waters: Occurrence, spatial distribution, and ecological risks. Marine Pollution Bulletin, 2020, 154, 111119.	5.0	41
75	Organophosphate flame retardants and plasticizers in sediment and bivalves along the Korean coast: Occurrence, geographical distribution, and a potential for bioaccumulation. Marine Pollution Bulletin, 2020, 156, 111275.	5.0	41
76	Occurrence, distribution, and sources of phthalates and non-phthalate plasticizers in sediment from semi-enclosed bays of Korea. Marine Pollution Bulletin, 2020, 151, 110824.	5.0	40
77	Prenatal exposure to persistent organic pollutants and methylation of LINE-1 and imprinted genes in placenta: A CHECK cohort study. Environment International, 2018, 119, 398-406.	10.0	39
78	Temporal Trend of Butyltins in Seawater, Sediments, and Mussels from Busan Harbor of Korea Between 2002 and 2007: Tracking the Effectiveness of Tributylin Regulation. Archives of Environmental Contamination and Toxicology, 2010, 58, 394-402.	4.1	38
79	Perfluorinated compounds in minke whales (Balaenoptera acutorostrata) and long-beaked common dolphins (Delphinus capensis) from Korean coastal waters. Marine Pollution Bulletin, 2010, 60, 1130-1135.	5.0	38
80	Exposure to lead and mercury through breastfeeding during the first month of life: A CHECK cohort study. Science of the Total Environment, 2018, 612, 876-883.	8.0	38
81	Contamination of polychlorinated biphenyls and organochlorine pesticides in breast milk in Korea: Time-course variation, influencing factors, and exposure assessment. Chemosphere, 2013, 93, 1578-1585.	8.2	37
82	Historical trends of perfluoroalkyl substances (PFASs) in dated sediments from semi-enclosed bays of Korea. Marine Pollution Bulletin, 2018, 128, 287-294.	5.0	37
83	Associations among Organochlorine Pesticides, Methanobacteriales, and Obesity in Korean Women. PLoS ONE, 2011, 6, e27773.	2.5	37
84	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, 2008, 10, 552.	2.1	36
85	Biomagnification of persistent chlorinated and brominated contaminants in food web components of the Yellow Sea. Marine Pollution Bulletin, 2013, 73, 210-219.	5.0	36
86	Accumulation and exposure assessment of persistent chlorinated and fluorinated contaminants in Korean birds. Science of the Total Environment, 2018, 645, 220-228.	8.0	35
87	Atmospheric deposition of polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in urban and suburban areas of Korea. Chemosphere, 2005, 58, 1525-1534.	8.2	34
88	Mussel watch program for organic contaminants along the Korean coast, 2001â€“2007. Environmental Monitoring and Assessment, 2010, 169, 473-485.	2.7	32
89	Polybrominated Diphenyl Ethers in Maternal Serum, Breast Milk, Umbilical Cord Serum, and House Dust in a South Korean Birth Panel of Mother-Neonate Pairs. International Journal of Environmental Research and Public Health, 2016, 13, 767.	2.6	32
90	Current status of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) exposure among mothers and their babies of Korea-CHECK cohort study. Science of the Total Environment, 2018, 618, 674-681.	8.0	32

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91	Association of urinary phthalate metabolites and phenolics with adipokines and insulin resistance related markers among women of reproductive age. Science of the Total Environment, 2019, 688, 1319-1326.	8.0	32
92	Species-specific accumulation of methyl and total mercury in sharks from offshore and coastal waters of Korea. Marine Pollution Bulletin, 2016, 102, 210-215.	5.0	31
93	Bisphenol A exposure through receipt handling and its association with insulin resistance among female cashiers. Environment International, 2018, 117, 268-275.	10.0	31
94	Tissue-Specific Accumulation and Body Burden of Parabens and Their Metabolites in Small Cetaceans. Environmental Science & Technology, 2019, 53, 475-481.	10.0	31
95	Legacy and novel flame retardants in water and sediment from highly industrialized bays of Korea: Occurrence, source tracking, decadal time trend, and ecological risks. Marine Pollution Bulletin, 2020, 160, 111639.	5.0	31
96	Multiple Bioassays and Targeted and Nontargeted Analyses to Characterize Potential Toxicological Effects Associated with Sediments of Masan Bay: Focusing on AhR-Mediated Potency. Environmental Science & Technology, 2020, 54, 4443-4454.	10.0	31
97	Ny-Ã…lesund-oriented organic pollutants in sewage effluent and receiving seawater in the Arctic region of Kongsfjorden. Environmental Pollution, 2020, 258, 113792.	7.5	30
98	Optimization of suspect and non-target analytical methods using GC/TOF for prioritization of emerging contaminants in the Arctic environment. Ecotoxicology and Environmental Safety, 2019, 181, 11-17.	6.0	29
99	Accumulation and time trends (2003â€“2015) of persistent organic pollutants (POPs) in blubber of finless porpoises (Neophocaena asiaeorientalis) from Korean coastal waters. Journal of Hazardous Materials, 2020, 385, 121598.	12.4	29
100	Butyltin Contamination in Industrialized Bays Associated with Intensive Marine Activities in Korea. Archives of Environmental Contamination and Toxicology, 2009, 57, 77-85.	4.1	28
101	Contamination and spatial distribution of parabens, their metabolites and antimicrobials in sediment from Korean coastal waters. Ecotoxicology and Environmental Safety, 2019, 180, 185-191.	6.0	28
102	Spatial and temporal trends of melamine and its derivatives in sediment from Lake Shihwa, South Korea. Journal of Hazardous Materials, 2019, 373, 671-677.	12.4	28
103	Occurrence and prenatal exposure to persistent organic pollutants using meconium in Korea: Feasibility of meconium as a non-invasive human matrix. Environmental Research, 2016, 147, 8-15.	7.5	27
104	Nationwide monitoring of nonylphenolic compounds and coprostanol in sediments from Korean coastal waters. Marine Pollution Bulletin, 2009, 58, 1086-1092.	5.0	26
105	Accumulation of PAHs and synthetic musk compound in minke whales (<i>Balanoptera) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 waters. Environmental Toxicology and Chemistry, 2012, 31, 477-485.	4.3	26
106	Organophosphorus flame retardants (PFRs) and phthalates in floor and road dust from a manual e-waste dismantling facility and adjacent communities in Thailand. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 79-90.	1.7	26
107	Concentrations and accumulation features of PCDDs, PCDFs and dioxin-like PCBs in cetaceans from Korean coastal waters. Chemosphere, 2010, 79, 733-739.	8.2	25
108	Intake and Potential Health Risk of Butyltin Compounds from Seafood Consumption in Korea. Archives of Environmental Contamination and Toxicology, 2012, 62, 333-340.	4.1	25

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109	Occurrence and exposure assessment of polychlorinated biphenyls and organochlorine pesticides from homemade baby food in Korea. Science of the Total Environment, 2014, 470-471, 1370-1375.	8.0	25
110	Major AhR-active chemicals in sediments of Lake Sihwa, South Korea: Application of effect-directed analysis combined with full-scan screening analysis. Environment International, 2019, 133, 105199.	10.0	25
111	Contamination of nonylphenolic compounds in creek water, wastewater treatment plant effluents, and sediments from Lake Shihwa and vicinity, Korea: Comparison with fecal pollution. Chemosphere, 2011, 85, 1406-1413.	8.2	24
112	Contamination and historical trends of legacy and emerging plasticizers in sediment from highly industrialized bays of Korea. Science of the Total Environment, 2021, 765, 142751.	8.0	24
113	Exposure assessment for methyl and total mercury from seafood consumption in Korea, 2005 to 2008. Journal of Environmental Monitoring, 2011, 13, 2400.	2.1	22
114	Decline in sediment contamination by persistent toxic substances from the outfall of wastewater treatment plant: Effectiveness of legislative actions in Korea. Chemosphere, 2016, 153, 426-435.	8.2	22
115	Association of food consumption during pregnancy with mercury and lead levels in cord blood. Science of the Total Environment, 2016, 563-564, 118-124.	8.0	22
116	Toxicological responses following short-term exposure through gavage feeding or water-borne exposure to Dechlorane Plus in zebrafish (Danio rerio). Chemosphere, 2016, 146, 226-232.	8.2	22
117	Occurrence and accumulation features of polycyclic aromatic hydrocarbons and synthetic musk compounds in finless porpoises (Neophocaena phocaenoides) from Korean coastal waters. Marine Pollution Bulletin, 2011, 62, 1963-1968.	5.0	21
118	Soil concentrations and soil-air exchange of polycyclic aromatic hydrocarbons in five Asian countries. Science of the Total Environment, 2020, 711, 135223.	8.0	21
119	Contamination and bioaccumulation of polybrominated diphenyl ethers (PBDEs) in Gwangyang Bay, Korea. Toxicology and Environmental Health Sciences, 2012, 4, 42-49.	2.1	20
120	Urinary phthalate metabolites over the first 15 months of life and risk assessment â€“ CHECK cohort study. Science of the Total Environment, 2017, 607-608, 881-887.	8.0	20
121	Association of phthalate exposures with urinary free cortisol and 8-hydroxy-2â€²-deoxyguanosine in early childhood. Science of the Total Environment, 2018, 627, 506-513.	8.0	20
122	Dietary contribution to body burden of bisphenol A and bisphenol S among mother-children pairs. Science of the Total Environment, 2020, 744, 140856.	8.0	20
123	Persistent organochlorines in 13 shark species from offshore and coastal waters of Korea: Species-specific accumulation and contributing factors. Ecotoxicology and Environmental Safety, 2015, 115, 195-202.	6.0	19
124	Associations of exposure to phthalates and environmental phenols with gynecological disorders. Reproductive Toxicology, 2020, 95, 19-28.	2.9	19
125	Contamination status and accumulation features of PCDDs, PCDFs and dioxin-like PCBs in finless porpoises (Neophocaena phocaenoides) from Korean coastal waters. Journal of Hazardous Materials, 2010, 183, 799-805.	12.4	18
126	Utility of Stable Isotope and Cytochrome Oxidase I Gene Sequencing Analyses in Inferring Origin and Authentication of Hairtail Fish and Shrimp. Journal of Agricultural and Food Chemistry, 2015, 63, 5548-5556.	5.2	18

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127	Perfluoroalkyl acids in serum of Korean children: Occurrences, related sources, and associated health outcomes. Science of the Total Environment, 2018, 645, 958-965.	8.0	18
128	Receptor-based aggregate exposure assessment of phthalates based on individual's simultaneous use of multiple cosmetic products. Food and Chemical Toxicology, 2019, 127, 163-172.	3.6	18
129	Exposure of polychlorinated naphthalenes (PCNs) to Pakistani populations via non-dietary sources from neglected e-waste hubs: A problem of high health concern. Environmental Pollution, 2020, 259, 113838.	7.5	18
130	Urinary levels of phthalates and DINCH metabolites in Korean and Thai pregnant women across three trimesters. Science of the Total Environment, 2020, 711, 134822.	8.0	18
131	Spatial and temporal trends of PCDD/Fs in sediment and bivalves along the Korean coasts during 2001â€“2012. Marine Pollution Bulletin, 2019, 146, 183-189.	5.0	17
132	Accumulation of butyltin compounds in finless porpoises (Neophocaena asiaeorientalis) from Korean coast: Tracking the effectiveness of TBT regulation over time. Marine Pollution Bulletin, 2013, 66, 78-83.	5.0	16
133	Bisphenol A in infant urine and baby-food samples among 9- to 15-month-olds. Science of the Total Environment, 2019, 697, 133861.	8.0	16
134	Exposure to phthalates and bisphenol analogues among childbearing-aged women in Korea: Influencing factors and potential health risks. Chemosphere, 2021, 264, 128425.	8.2	16
135	Variability of urinary creatinine, specific gravity, and osmolality over the course of pregnancy: Implications in exposure assessment among pregnant women. Environmental Research, 2021, 198, 110473.	7.5	16
136	Occurrence of bisphenols and phthalates in indoor dust collected from Korean homes. Journal of Industrial and Engineering Chemistry, 2021, 99, 68-73.	5.8	16
137	Time-course uptake and elimination of benzo(a)pyrene and its damage to reproduction and ensuing reproductive outputs of Pacific oyster, Crassostrea gigas. Marine Biology, 2007, 151, 157-165.	1.5	15
138	Temporal Trends (2004â€“2009) of Imposex in Rock Shells Thais clavigera Collected Along the Korean Coast Associated With Tributyltin Regulation in 2003 and 2008. Archives of Environmental Contamination and Toxicology, 2013, 64, 448-455.	4.1	15
139	Infant exposure to polybrominated diphenyl ethers (PBDEs) via consumption of homemade baby food in Korea. Environmental Research, 2014, 134, 396-401.	7.5	15
140	Timing of an accelerated body mass increase in children exposed to lead in early life: A longitudinal study. Science of the Total Environment, 2017, 584-585, 72-77.	8.0	15
141	Polybrominated diphenyl ethers (PBDEs) in floor and road dust from a manual e-waste dismantling facility and adjacent communities in Thailand. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 1284-1294.	1.7	15
142	Association between Several Persistent Organic Pollutants in Serum and Adipokine Levels in Breast Milk among Lactating Women of Korea. Environmental Science & Technology, 2015, 49, 8033-8040.	10.0	14
143	Identification of potential toxicants in sediments from an industrialized area in Pohang, South Korea: Application of a cell viability assay of microalgae using flow cytometry. Journal of Hazardous Materials, 2021, 405, 124230.	12.4	14
144	Accumulation of butyltin compounds in cetaceans from Korean coastal waters. Marine Pollution Bulletin, 2011, 62, 1120-1123.	5.0	13

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145	Sources and Distributions of Organic Wastewater Compounds on the Mokpo Coast of Korea. Journal of Fisheries Science and Technology, 2007, 10, 205-214.	0.2	13
146	Environmental fate and trophic transfer of synthetic musk compounds and siloxanes in Geum River, Korea: Compound-specific nitrogen isotope analysis of amino acids for accurate trophic position estimation. Environment International, 2022, 161, 107123.	10.0	13
147	A DNA microarray for species identification of cetacean animals in Korean water. Biochip Journal, 2010, 4, 197-203.	4.9	12
148	Concentrations and accumulation profiles of PCDDs, PCDFs and dioxin-like PCBs in adipose fat tissues of Korean women. Journal of Environmental Monitoring, 2011, 13, 1096.	2.1	12
149	Placental and lactational transfer of decabromodiphenyl ether and 2,2â€²,4,4â€²-tetrabromodiphenyl ether in dam-offspring pairs of Sprague-Dawley rats. Food and Chemical Toxicology, 2017, 102, 198-203.	3.6	12
150	Nonmonotonic response of type 2 diabetes by low concentration organochlorine pesticide mixture: Findings from multi-omics in zebrafish. Journal of Hazardous Materials, 2021, 416, 125956.	12.4	12
151	Severe contamination and time trends of legacy and novel halogenated flame retardants in multiple environmental media from Lake Shihwa, Korea: Effectiveness of regulatory action. Chemosphere, 2021, 279, 130620.	8.2	12
152	Severe contamination and time trend of legacy and alternative plasticizers in a highly industrialized lake associated with regulations and coastal development. Marine Pollution Bulletin, 2021, 171, 112787.	5.0	12
153	Within- and between-person variability of urinary phthalate metabolites and bisphenol analogues over seven days: Considerations of biomonitoring study design. Environmental Research, 2022, 209, 112885.	7.5	12
154	Assessment of regional and temporal trends in per- and polyfluoroalkyl substances using the Oriental Magpie (Pica serica) in Korea. Science of the Total Environment, 2021, 793, 148513.	8.0	11
155	Historical record of legacy and alternative halogenated flame retardants in dated sediment from a highly industrialized saltwater lake in Korea. Chemosphere, 2022, 297, 134264.	8.2	11
156	Alterations in differentially expressed genes by exposure to a mixture of carcinogenic polycyclic aromatic hydrocarbons in the liver of Oryzias latipes. Environmental Toxicology and Pharmacology, 2012, 33, 403-407.	4.0	10
157	Accumulation and temporal changes of PCDD/Fs and dioxin-like PCBs in finless porpoises () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Marine Pollution Bulletin, 2016, 105, 30-36.	5.0	10
158	Prenatal contribution of 2, 2â€², 4, 4â€²-tetrabromodiphenyl ether (BDE-47) to total body burden in young children. Science of the Total Environment, 2018, 616-617, 510-516.	8.0	10
159	Effect-directed identification of novel aryl hydrocarbon receptor-active aromatic compounds in coastal sediments collected from a highly industrialized area. Science of the Total Environment, 2022, 803, 149969.	8.0	10
160	Polybrominated diphenyl ethers in thirteen shark species from offshore and coastal waters of Korea. Marine Pollution Bulletin, 2015, 95, 374-379.	5.0	9
161	Is Chronic Exposure to Low-Dose Organochlorine Pesticides a New Risk Factor of T-cell Immunosenescence?. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1159-1167.	2.5	9
162	Lead and mercury levels in repeatedly collected urine samples of young children: A longitudinal biomonitoring study. Environmental Research, 2020, 189, 109901.	7.5	7

#	Article	IF	Citations
163	Effect of Low-Dose Persistent Organic Pollutants on Mitochondrial Function: Human and in Vitro Evidence. Diabetes and Metabolism Journal, 2022, 46, 592-604.	4.7	7
164	Levels, Trends, and Health Effects of Dioxins and Related Compounds in Aquatic Biota. Handbook of Environmental Chemistry, 2016, , 153-202.	0.4	6
165	Marine Environmental Characteristics in the Coastal Area Surrounding Tongyeong Cage-Fish Farms. Journal of the Korean Society for Marine Environment & Energy, 2015, 18, 74-80.	0.2	6
166	Free Cortisol Mediates Associations of Maternal Urinary Heavy Metals with Neonatal Anthropometric Measures: A Cross-Sectional Study. Toxics, 2022, 10, 167.	3.7	6
167	Occurrence and Exposure Assessment of Bisphenol Analogues Through Different Types of Drinking Water in Korea. Exposure and Health, 2023, 15, 185-197.	4.9	6
168	Alterations in Differentially Expressed Genes After Repeated Exposure to Perfluorooctanoate and Perfluorooctanesulfonate in Liver of Oryzias latipes. Archives of Environmental Contamination and Toxicology, 2013, 64, 475-483.	4.1	5
169	Development of molecular detection kit for Larimichthys crocea and Larimichthys polyactis. Biochip Journal, 2014, 8, 148-153.	4.9	5
170	Multi-matrix distribution and contamination profiles of HBCDD isomers in a man-made saltwater lake near industrial complexes with high flame retardant consumption in Korea. Marine Pollution Bulletin, 2021, 172, 112812.	5.0	5
171	Occurrence of butyltin compounds in marine environment of Gwangyang Bay, Korea. Journal of Environmental Science International, 2002, 11, 793-800.	0.2	5
172	Occurrence and human exposure of PCDD/Fs and dioxin-like PCBs in house dust from Busan, Korea: Comparison with seafood consumption. Toxicology and Environmental Health Sciences, 2013, 5, 155-162.	2.1	4
173	Evaluation of sewage-derived organic matter using fecal sterols in the sediments from Ulsan Bay and adjacent areas. Journal of Environmental Science International, 2005, 14, 23-32.	0.2	4
174	Distribution of Polychlorinated Naphthalenes in Sediment From Industrialized Coastal Waters of Korea With the Optimized Cleanup and GC-MS/MS Methods. Frontiers in Marine Science, 2021, 8, .	2.5	4
175	Identification of AhR agonists in sediments of the Bohai and Yellow Seas using advanced effect-directed analysis and in silico prediction. Journal of Hazardous Materials, 2022, 435, 128908.	12.4	4
176	Estimation of PAHs Fluxes via Atmospheric Deposition and Riverine Discharge into the Masan Bay, Korea. Journal of Fisheries Science and Technology, 2005, 8, 167-176.	0.2	3
177	Human health risk of chlorobenzenes associated with seafood consumption in Korea. Toxicology and Environmental Health Sciences, 2009, 1, 49-55.	2.1	2
178	Alterations in Differentially Expressed Genes in the Head of Oryzias latipes Following Benzo[a]pyrene Exposure. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 682-686.	2.7	2
179	Polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and dioxin-like polychlorinated biphenyls in cetaceans from Korean coastal waters. Toxicology and Environmental Health Sciences, 2009, 1, 176-181.	2.1	1
180	Occurrence and Concentrations of Estrogenic Phenolic Compounds in Surface Waters of Rivers Flowing into Masan Bay, Korea. Journal of Fisheries Science and Technology, 2005, 8, 220-227.	0.2	1

#	Article	IF	Citations
181	Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in Marine Sediments from Mokpo Coastal Water of Korea. Journal of Fisheries Science and Technology, 2007, 10, 93-101.	0.2	1
182	Characterization of proteins in the muscle oflimanda yokohamae from the masan bay, Korea. Ocean Science Journal, 2007, 42, 129-134.	1.3	0
183	Characterization of proteins in the gonad of Limanda yokohamae from Masan Bay, Korea. Biologia (Poland), 2010, 65, 730-736.	1.5	0
184	Estimation of dietary intake and human health risk of hexachlorobenzene by marine organism consumption in Korea. Journal of Environmental Science International, 2005, 14, 121-128.	0.2	0
185	Estimation and Characteristics of Atmospheric Deposition Flux of Polycyclic Aromatic Hydrocarbons (PAHs) into the Masan and Haengam Areas of Korea. Journal of Environmental Science International, 2006, 15, 121-131.	0.2	0