

Kyungho Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1178069/publications.pdf>

Version: 2024-02-01

223
papers

12,785
citations

24978

57
h-index

30848

102
g-index

226
all docs

226
docs citations

226
times ranked

13079
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceuticals and Personal Care Products in the Environment: What Are the Big Questions?. Environmental Health Perspectives, 2012, 120, 1221-1229.	2.8	1,033
2	Aquatic toxicity of acetaminophen, carbamazepine, cimetidine, diltiazem and six major sulfonamides, and their potential ecological risks in Korea. Environment International, 2007, 33, 370-375.	4.8	514
3	Pharmaceutical pollution of the world's rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	495
4	Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: A mini-review. Environment International, 2014, 70, 143-157.	4.8	423
5	Hazard assessment of commonly used agricultural antibiotics on aquatic ecosystems. Ecotoxicology, 2008, 17, 526-538.	1.1	343
6	Endocrine disruption potentials of organophosphate flame retardants and related mechanisms in H295R and MVLN cell lines and in zebrafish. Aquatic Toxicology, 2012, 114-115, 173-181.	1.9	337
7	Effects of Bisphenol S Exposure on Endocrine Functions and Reproduction of Zebrafish. Environmental Science & Technology, 2013, 47, 8793-8800.	4.6	282
8	Seasonal variations of several pharmaceutical residues in surface water and sewage treatment plants of Han River, Korea. Science of the Total Environment, 2008, 405, 120-128.	3.9	256
9	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). Environmental Science & Technology, 2011, 45, 7465-7472.	1.9	234
10	Trans-Placental Transfer of Thirteen Perfluorinated Compounds and Relations with Fetal Thyroid Hormones. Environmental Science & Technology, 2011, 45, 7465-7472.	4.6	212
11	Bisphenol A distribution in serum, urine, placenta, breast milk, and umbilical cord serum in a birth panel of mother-neonate pairs. Science of the Total Environment, 2018, 626, 1494-1501.	3.9	183
12	Distribution of phthalate esters in air, water, sediments, and fish in the Asan Lake of Korea. Environment International, 2019, 126, 635-643.	4.8	180
13	Thyroid disruption by triphenyl phosphate, an organophosphate flame retardant, in zebrafish (<i>Danio rerio</i>). Environmental Science & Technology, 2011, 45, 7465-7472.	1.9	157
14	Toxicity of perfluorooctane sulfonic acid and perfluorooctanoic acid on freshwater macroinvertebrates (<i>Daphnia magna</i> and <i>Moina macrocopia</i>) and fish (<i>Oryzias latipes</i>). Environmental Toxicology and Chemistry, 2008, 27, 2159-2168.	2.2	151
15	Effects of non-steroidal anti-inflammatory drugs on hormones and genes of the hypothalamic-pituitary-gonad axis, and reproduction of zebrafish. Journal of Hazardous Materials, 2013, 254-255, 242-251.	6.5	144
16	Hydroxylated Polybrominated Diphenyl Ethers and Bisphenol A in Pregnant Women and Their Matching Fetuses: Placental Transfer and Potential Risks. Environmental Science & Technology, 2010, 44, 5233-5239.	4.6	143
17	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.	3.9	138
18	Assessment of exposure to heavy metals and health risks among residents near abandoned metal mines in Goseong, Korea. Environmental Pollution, 2013, 178, 322-328.	3.7	133

#	ARTICLE	IF	CITATIONS
19	Urinary paraben concentrations among pregnant women and their matching newborn infants of Korea, and the association with oxidative stress biomarkers. <i>Science of the Total Environment</i> , 2013, 461-462, 214-221.	3.9	128
20	Serum concentrations of major perfluorinated compounds among the general population in Korea: Dietary sources and potential impact on thyroid hormones. <i>Environment International</i> , 2012, 45, 78-85.	4.8	125
21	Effects of TDCPP or TPP on gene transcriptions and hormones of HPG axis, and their consequences on reproduction in adult zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2013, 134-135, 104-111.	1.9	124
22	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130586.	1.8	123
23	Risk assessment of chlortetracycline, oxytetracycline, sulfamethazine, sulfathiazole, and erythromycin in aquatic environment: are the current environmental concentrations safe?. <i>Ecotoxicology</i> , 2012, 21, 2031-2050.	1.1	113
24	Prioritizing veterinary pharmaceuticals for aquatic environment in Korea. <i>Environmental Toxicology and Pharmacology</i> , 2008, 26, 167-176.	2.0	109
25	Concentration and distribution of per- and polyfluoroalkyl substances (PFAS) in the Asan Lake area of South Korea. <i>Journal of Hazardous Materials</i> , 2020, 381, 120909.	6.5	109
26	Exposure to environmental chemicals among Korean adults-updates from the second Korean National Environmental Health Survey (2012-2014). <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 29-35.	2.1	107
27	Occurrences and ecological risks of roxithromycin, trimethoprim, and chloramphenicol in the Han River, Korea. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 711-719.	2.2	103
28	Effects of benzophenone-3 exposure on endocrine disruption and reproduction of Japanese medaka (<i>Oryzias latipes</i>)—A two generation exposure study. <i>Aquatic Toxicology</i> , 2014, 155, 244-252.	1.9	103
29	Chronic exposure to diclofenac on two freshwater cladocerans and Japanese medaka. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1216-1225.	2.9	98
30	Comparison of thyroid hormone disruption potentials by bisphenols A, S, F, and Z in embryo-larval zebrafish. <i>Chemosphere</i> , 2019, 221, 115-123.	4.2	93
31	Effects of tris(1,3-dichloro-2-propyl) phosphate (TDCPP) and triphenyl phosphate (TPP) on sex-dependent alterations of thyroid hormones in adult zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 25-32.	2.9	93
32	Genotoxic potentials and related mechanisms of bisphenol A and other bisphenol compounds: A comparison study employing chicken DT40 cells. <i>Chemosphere</i> , 2013, 93, 434-440.	4.2	91
33	Implication of global environmental changes on chemical toxicity-effect of water temperature, pH, and ultraviolet B irradiation on acute toxicity of several pharmaceuticals in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2010, 19, 662-669.	1.1	90
34	Genotoxicity of Several Polybrominated Diphenyl Ethers (PBDEs) and Hydroxylated PBDEs, and Their Mechanisms of Toxicity. <i>Environmental Science & Technology</i> , 2011, 45, 5003-5008.	4.6	90
35	Influence of a five-day vegetarian diet on urinary levels of antibiotics and phthalate metabolites: A pilot study with “Temple Stay”-participants. <i>Environmental Research</i> , 2010, 110, 375-382.	3.7	89
36	Associations between urinary phthalate metabolites and bisphenol A levels, and serum thyroid hormones among the Korean adult population - Korean National Environmental Health Survey (KoNEHS) 2012-2014. <i>Science of the Total Environment</i> , 2017, 584-585, 950-957.	3.9	86

#	ARTICLE	IF	CITATIONS
37	Influence of water and food consumption on inadvertent antibiotics intake among general population. <i>Environmental Research</i> , 2010, 110, 641-649.	3.7	83
38	Perfluoroalkyl substances (PFASs) in breast milk from Korea: Time-course trends, influencing factors, and infant exposure. <i>Science of the Total Environment</i> , 2018, 612, 286-292.	3.9	82
39	Degradation mechanism and the toxicity assessment in TiO ₂ photocatalysis and photolysis of parathion. <i>Chemosphere</i> , 2006, 62, 926-933.	4.2	79
40	Two Years after the Hebei Spirit Oil Spill: Residual Crude-Derived Hydrocarbons and Potential AhR-Mediated Activities in Coastal Sediments. <i>Environmental Science & Technology</i> , 2012, 46, 1406-1414.	4.6	77
41	Association between perfluoroalkyl substances exposure and thyroid function in adults: A meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0197244.	1.1	76
42	Association between several persistent organic pollutants and thyroid hormone levels in serum among the pregnant women of Korea. <i>Environment International</i> , 2013, 59, 442-448.	4.8	75
43	Elevated levels of short carbon-chain PFCAs in breast milk among Korean women: Current status and potential challenges. <i>Environmental Research</i> , 2016, 148, 351-359.	3.7	75
44	Concentrations of phthalate metabolites in breast milk in Korea: Estimating exposure to phthalates and potential risks among breast-fed infants. <i>Science of the Total Environment</i> , 2015, 508, 13-19.	3.9	72
45	Environmental levels of ultraviolet light potentiate the toxicity of sulfonamide antibiotics in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2008, 17, 37-45.	1.1	71
46	Association of diethylhexyl phthalate with obesity-related markers and body mass change from birth to 36 months of age. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 466-472.	2.0	71
47	Adverse effects of perfluoroalkyl acids on fish and other aquatic organisms: A review. <i>Science of the Total Environment</i> , 2020, 707, 135334.	3.9	71
48	Considering common sources of exposure in association studies - Urinary benzophenone-3 and DEHP metabolites are associated with altered thyroid hormone balance in the NHANES 2007-2008. <i>Environment International</i> , 2017, 107, 25-32.	4.8	70
49	Phototoxicity of CdSe/ZnSe quantum dots with surface coatings of 3-mercaptopropionic acid or tri-n-octylphosphine oxide/gum arabic in <i>Daphnia magna</i> under environmentally relevant UV-B light. <i>Aquatic Toxicology</i> , 2010, 97, 116-124.	1.9	69
50	Association Between Diethylhexyl Phthalate Exposure and Thyroid Function: A Meta-Analysis. <i>Thyroid</i> , 2019, 29, 183-192.	2.4	68
51	Phototoxicity and oxidative stress responses in <i>Daphnia magna</i> under exposure to sulfathiazole and environmental level ultraviolet B irradiation. <i>Aquatic Toxicology</i> , 2009, 91, 87-94.	1.9	65
52	ECOLOGICAL HAZARD ASSESSMENT OF MAJOR VETERINARY BENZIMIDAZOLES: ACUTE AND CHRONIC TOXICITIES TO AQUATIC MICROBES AND INVERTEBRATES. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2221.	2.2	64
53	Genotoxicity and Endocrine-Disruption Potentials of Sediment near an Oil Spill Site: Two Years after the Hebei Spirit Oil Spill. <i>Environmental Science & Technology</i> , 2011, 45, 7481-7488.	4.6	64
54	Thyroid hormone disrupting potentials of bisphenol A and its analogues - in vitro comparison study employing rat pituitary (GH3) and thyroid follicular (FRTL-5) cells. <i>Toxicology in Vitro</i> , 2017, 40, 297-304.	1.1	62

#	ARTICLE	IF	CITATIONS
55	Urinary phthalate metabolites among elementary school children of Korea: Sources, risks, and their association with oxidative stress marker. <i>Science of the Total Environment</i> , 2014, 472, 49-55.	3.9	61
56	Chronic toxicity and endocrine disruption of naproxen in freshwater waterfleas and fish, and steroidogenic alteration using H295R cell assay. <i>Chemosphere</i> , 2018, 204, 156-162.	4.2	61
57	Effects of sulfathiazole, oxytetracycline and chlortetracycline on steroidogenesis in the human adrenocarcinoma (H295R) cell line and freshwater fish <i>Oryzias latipes</i> . <i>Journal of Hazardous Materials</i> , 2010, 182, 494-502.	6.5	60
58	Long-term exposure to triphenylphosphate alters hormone balance and HPG, HPI, and HPT gene expression in zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2288-2296.	2.2	60
59	Synthetic musk compounds and benzotriazole ultraviolet stabilizers in breast milk: Occurrence, time-course variation and infant health risk. <i>Environmental Research</i> , 2015, 140, 466-473.	3.7	59
60	Human exposure to legacy and emerging flame retardants in indoor dust: A multiple-exposure assessment of PBDEs. <i>Science of the Total Environment</i> , 2020, 719, 137386.	3.9	58
61	Placental transfer of persistent organic pollutants and feasibility using the placenta as a non-invasive biomonitoring matrix. <i>Science of the Total Environment</i> , 2018, 612, 1498-1505.	3.9	57
62	Perfluoroalkyl substances exposure and thyroid hormones in humans: epidemiological observations and implications. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 6.	0.8	55
63	Thyroid Hormone-Disrupting Potentials of Major Benzophenones in Two Cell Lines (GH3 and FRTL-5) and Embryo-Larval Zebrafish. <i>Environmental Science & Technology</i> , 2018, 52, 8858-8865.	4.6	55
64	Associations of urinary concentrations of phthalate metabolites, bisphenol A, and parabens with obesity and diabetes mellitus in a Korean adult population: Korean National Environmental Health Survey (KoNEHS) 2015-2017. <i>Environment International</i> , 2021, 146, 106227.	4.8	55
65	Effect of chronic exposure to acetaminophen and lincomycin on Japanese medaka (<i>Oryzias latipes</i>) and freshwater cladocerans <i>Daphnia magna</i> and <i>Moina macrocopa</i> , and potential mechanisms of endocrine disruption. <i>Chemosphere</i> , 2012, 89, 10-18.	4.2	52
66	Effect of runoff discharge on the environmental levels of 13 veterinary antibiotics: A case study of Han River and Kyungahn Stream, South Korea. <i>Marine Pollution Bulletin</i> , 2016, 107, 347-354.	2.3	52
67	Migration of DEHP and DINP into dust from PVC flooring products at different surface temperature. <i>Science of the Total Environment</i> , 2016, 547, 441-446.	3.9	52
68	Alteration of sex hormone levels and steroidogenic pathway by several low molecular weight phthalates and their metabolites in male zebrafish (<i>Danio rerio</i>) and/or human adrenal cell (H295R) line. <i>Journal of Hazardous Materials</i> , 2016, 320, 45-54.	6.5	51
69	Acute toxicity of two CdSe/ZnSe quantum dots with different surface coating in <i>Daphnia magna</i> under various light conditions. <i>Environmental Toxicology</i> , 2010, 25, 593-600.	2.1	50
70	Urinary parabens and triclosan concentrations and associated exposure characteristics in a Korean population—A comparison between night-time and first-morning urine. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 632-641.	2.1	50
71	Urinary metabolites of organophosphate esters (OPEs) are associated with chronic kidney disease in the general US population, NHANES 2013-2014. <i>Environment International</i> , 2019, 131, 105034.	4.8	49
72	Maternal exposures to persistent organic pollutants are associated with DNA methylation of thyroid hormone-related genes in placenta differently by infant sex. <i>Environment International</i> , 2019, 130, 104956.	4.8	49

#	ARTICLE	IF	CITATIONS
73	Urinary metabolites of dibutyl phthalate and benzophenone-3 are potential chemical risk factors of chronic kidney function markers among healthy women. <i>Environment International</i> , 2019, 124, 354-360.	4.8	48
74	A Novel Approach Using DNA-Repair-Deficient Chicken DT40 Cell Lines for Screening and Characterizing the Genotoxicity of Environmental Contaminants. <i>Environmental Health Perspectives</i> , 2009, 117, 1737-1744.	2.8	47
75	Aquatic toxicity of cartap and cypermethrin to different life stages of <i>Daphnia magna</i> and <i>Oryzias latipes</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 43, 56-64.	0.7	46
76	Exposure to phthalates and environmental phenols in association with chronic kidney disease (CKD) among the general US population participating in multi-cycle NHANES (2005-2016). <i>Science of the Total Environment</i> , 2021, 791, 148343.	3.9	46
77	Investigation on Health Effects of an Abandoned Metal Mine. <i>Journal of Korean Medical Science</i> , 2008, 23, 452.	1.1	45
78	Comparative analysis of endocrine disrupting effects of major phthalates in employed two cell lines (MVLN and H295R) and embryonic zebrafish assay. <i>Environmental Research</i> , 2019, 172, 319-325.	3.7	45
79	Polybrominated diphenyl ethers (PBDEs) in breast milk of Korea in 2011: Current contamination, time course variation, influencing factors and health risks. <i>Environmental Research</i> , 2013, 126, 76-83.	3.7	44
80	Early snapshot on exposure to environmental chemicals among Korean adults—results of the first Korean National Environmental Health Survey (2009-2011). <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 398-404.	2.1	44
81	Urinary phthalate metabolites among children in Saudi Arabia: Occurrences, risks, and their association with oxidative stress markers. <i>Science of the Total Environment</i> , 2019, 654, 1350-1357.	3.9	44
82	Non-methane hydrocarbons in the atmosphere of a Metropolitan City and a background site in South Korea: Sources and health risk potentials. <i>Atmospheric Environment</i> , 2011, 45, 7563-7573.	1.9	43
83	Potentials and mechanisms of genotoxicity of six pharmaceuticals frequently detected in freshwater environment. <i>Toxicology Letters</i> , 2012, 211, 70-76.	0.4	43
84	Occurrences of major polybrominated diphenyl ethers (PBDEs) in maternal and fetal cord blood sera in Korea. <i>Science of the Total Environment</i> , 2014, 491-492, 219-226.	3.9	43
85	Effect-directed analysis and mixture effects of AhR-active PAHs in crude oil and coastal sediments contaminated by the Hebei Spirit oil spill. <i>Environmental Pollution</i> , 2015, 199, 110-118.	3.7	43
86	Association between Several Persistent Organic Pollutants and Thyroid Hormone Levels in Cord Blood Serum and Bloodspot of the Newborn Infants of Korea. <i>PLoS ONE</i> , 2015, 10, e0125213.	1.1	42
87	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. <i>Environmental Research</i> , 2020, 189, 109874.	3.7	42
88	Effects of water temperature on perchlorate toxicity to the thyroid and reproductive system of <i>Oryzias latipes</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 311-317.	2.9	41
89	Species- and tissue-specific bioaccumulation of arsenicals in various aquatic organisms from a highly industrialized area in the Pohang City, Korea. <i>Environmental Pollution</i> , 2014, 192, 27-35.	3.7	41
90	Korea National Survey for Environmental Pollutants in the human body 2008: 1-hydroxypyrene, 2-naphthol, and cotinine in urine of the Korean population. <i>Environmental Research</i> , 2012, 118, 25-30.	3.7	40

#	ARTICLE	IF	CITATIONS
91	Endocrine disruption effects of long-term exposure to perfluorodecanoic acid (PFDA) and perfluorotridecanoic acid (PFTrDA) in zebrafish (<i>Danio rerio</i>) and related mechanisms. <i>Chemosphere</i> , 2014, 108, 360-366.	4.2	40
92	Bioaccessibility of AhR-active PAHs in sediments contaminated by the Hebei Spirit oil spill: Application of Tenax extraction in effect-directed analysis. <i>Chemosphere</i> , 2016, 144, 706-712.	4.2	39
93	Prenatal exposure to persistent organic pollutants and methylation of LINE-1 and imprinted genes in placenta: A CHECK cohort study. <i>Environment International</i> , 2018, 119, 398-406.	4.8	39
94	Endocrine disrupting potential of PAHs and their alkylated analogues associated with oil spills. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1117-1125.	1.7	38
95	Exposure to lead and mercury through breastfeeding during the first month of life: A CHECK cohort study. <i>Science of the Total Environment</i> , 2018, 612, 876-883.	3.9	38
96	Degradation mechanism of cyanide in water using a UV-LED/H ₂ O ₂ /Cu ²⁺ system. <i>Chemosphere</i> , 2018, 208, 441-449.	4.2	38
97	Contamination of polychlorinated biphenyls and organochlorine pesticides in breast milk in Korea: Time-course variation, influencing factors, and exposure assessment. <i>Chemosphere</i> , 2013, 93, 1578-1585.	4.2	37
98	Comparison of regulatory frameworks of environmental risk assessments for human pharmaceuticals in EU, USA, and Canada. <i>Science of the Total Environment</i> , 2019, 671, 1026-1035.	3.9	37
99	Toxicology Advances for 21st Century Chemical Pollution. <i>One Earth</i> , 2020, 2, 312-316.	3.6	37
100	Perfluorooctane sulfonic acid exposure increases cadmium toxicity in early life stage of zebrafish, <i>Danio rerio</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 870-877.	2.2	36
101	Environment-Wide Association Study of CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 766-775.	2.2	36
102	Application of a microbial toxicity assay for monitoring treatment effectiveness of pentachlorophenol in water using UV photolysis and TiO ₂ photocatalysis. <i>Journal of Hazardous Materials</i> , 2007, 148, 281-286.	6.5	35
103	Toxicity evaluation of metal plating wastewater employing the Microtox [®] assay: A comparison with cladocerans and fish. <i>Environmental Toxicology</i> , 2001, 16, 136-141.	2.1	34
104	Polycyclic aromatic hydrocarbon (1-OHPG and 2-naphthol) and oxidative stress (malondialdehyde) biomarkers in urine among Korean adults and children. <i>International Journal of Hygiene and Environmental Health</i> , 2012, 215, 458-464.	2.1	34
105	Association of exposure to polycyclic aromatic hydrocarbons and heavy metals with thyroid hormones in general adult population and potential mechanisms. <i>Science of the Total Environment</i> , 2021, 762, 144227.	3.9	34
106	Toxicity and endocrine disruption in zebrafish (<i>Danio rerio</i>) and two freshwater invertebrates (<i>Daphnia magna</i> and <i>Moina macrocopa</i>) after chronic exposure to mefenamic acid. <i>Ecotoxicology and Environmental Safety</i> , 2013, 94, 80-86.	2.9	32
107	Polybrominated Diphenyl Ethers in Maternal Serum, Breast Milk, Umbilical Cord Serum, and House Dust in a South Korean Birth Panel of Mother-Neonate Pairs. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 767.	1.2	32
108	Current status of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) exposure among mothers and their babies of Korea-CHECK cohort study. <i>Science of the Total Environment</i> , 2018, 618, 674-681.	3.9	32

#	ARTICLE	IF	CITATIONS
109	Association of urinary phthalate metabolites and phenolics with adipokines and insulin resistance related markers among women of reproductive age. <i>Science of the Total Environment</i> , 2019, 688, 1319-1326.	3.9	32
110	Parabens in breast milk and possible sources of exposure among lactating women in Korea. <i>Environmental Pollution</i> , 2019, 255, 113142.	3.7	32
111	Pharmaceutical residues in streams near concentrated animal feeding operations of Korea – Occurrences and associated ecological risks. <i>Science of the Total Environment</i> , 2019, 655, 408-413.	3.9	32
112	Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds is associated with a risk of obesity and diabetes mellitus among Korean adults: Korean National Environmental Health Survey (KoNEHS) 2015–2017. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113886.	2.1	32
113	Exposure characteristics of familial cases of lung injury associated with the use of humidifier disinfectants. <i>Environmental Health</i> , 2014, 13, 70.	1.7	31
114	Integration of multi-level biomarker responses to cadmium and benzo[k]fluoranthene in the pale chub (<i>Zacco platypus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2014, 110, 121-128.	2.9	31
115	Bisphenol A exposure through receipt handling and its association with insulin resistance among female cashiers. <i>Environment International</i> , 2018, 117, 268-275.	4.8	31
116	Determination of mRNA expression of DMRT93B, vitellogenin, and cuticle 12 in <i>Daphnia magna</i> and their biomarker potential for endocrine disruption. <i>Ecotoxicology</i> , 2011, 20, 1741-1748.	1.1	30
117	Human health and ecological assessment programs for Hebei Spirit oil spill accident of 2007: Status, lessons, and future challenges. <i>Chemosphere</i> , 2017, 173, 180-189.	4.2	30
118	Occurrences of benzalkonium chloride in streams near a pharmaceutical manufacturing complex in Korea and associated ecological risk. <i>Chemosphere</i> , 2020, 256, 127084.	4.2	30
119	Non-monotonic concentration–response relationship of TiO ₂ nanoparticles in freshwater cladocerans under environmentally relevant UV-A light. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 240-247.	2.9	29
120	Aquatic toxicity of four alkylphenols (3-tert-butylphenol, 2-isopropylphenol, 3-isopropylphenol, and) <i>Toxicology</i> , 2004, 19, 45-50.	2.1	28
121	Urinary levels of N-acetyl-S-(2-carbamoyl-ethyl)-cysteine (AAMA), an acrylamide metabolite, in Korean children and their association with food consumption. <i>Science of the Total Environment</i> , 2013, 456-457, 17-23.	3.9	28
122	Measured and predicted affinities of binding and relative potencies to activate the AhR of PAHs and their alkylated analogues. <i>Chemosphere</i> , 2015, 139, 23-29.	4.2	28
123	Two-generation exposure to 2-ethylhexyl 4-methoxycinnamate (EHMC) in Japanese medaka (<i>Oryzias latipes</i>) and their offspring. <i>Chemosphere</i> , 2019, 219, 1247-1256.	4.2	28
124	Effects of 2-ethylhexyl-4-methoxycinnamate (EHMC) on thyroid hormones and genes associated with thyroid, neurotoxic, and nephrotoxic responses in adult and larval zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2021, 263, 128176.	4.2	28
125	Thyroid Hormone Disruption by Water-Accommodated Fractions of Crude Oil and Sediments Affected by the Hebei Spirit Oil Spill in Zebrafish and GH3 Cells. <i>Environmental Science & Technology</i> , 2016, 50, 5972-5980.	4.6	27
126	Occurrence and prenatal exposure to persistent organic pollutants using meconium in Korea: Feasibility of meconium as a non-invasive human matrix. <i>Environmental Research</i> , 2016, 147, 8-15.	3.7	27

#	ARTICLE	IF	CITATIONS
127	Urinary 3-phenoxybenzoic acid levels and the association with thyroid hormones in adults: Korean National Environmental Health Survey 2012–2014. <i>Science of the Total Environment</i> , 2019, 696, 133920.	3.9	27
128	In vitro and in vivo toxicities of sediment and surface water in an area near a major steel industry of Korea: Endocrine disruption, reproduction, or survival effects combined with instrumental analysis. <i>Science of the Total Environment</i> , 2014, 470-471, 1509-1516.	3.9	26
129	Thyroxine-binding globulin, peripheral deiodinase activity, and thyroid autoantibody status in association of phthalates and phenolic compounds with thyroid hormones in adult population. <i>Environment International</i> , 2020, 140, 105783.	4.8	26
130	Lead, mercury, and cadmium exposures are associated with obesity but not with diabetes mellitus: Korean National Environmental Health Survey (KoNEHS) 2015–2017. <i>Environmental Research</i> , 2022, 204, 111888.	3.7	26
131	Major perfluoroalkyl acid (PFAA) concentrations and influence of food consumption among the general population of Daegu, Korea. <i>Science of the Total Environment</i> , 2012, 438, 42-48.	3.9	25
132	Optimal conditions for three brood chronic toxicity test method using a freshwater macroinvertebrate <i>Moina macrocopa</i> . <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3687-3695.	1.3	25
133	Occurrence and exposure assessment of polychlorinated biphenyls and organochlorine pesticides from homemade baby food in Korea. <i>Science of the Total Environment</i> , 2014, 470-471, 1370-1375.	3.9	25
134	Association of exposure to phthalates and environmental phenolics with markers of kidney function: Korean National Environmental Health Survey (KoNEHS) 2015–2017. <i>Environment International</i> , 2020, 143, 105877.	4.8	25
135	Effects of bisphenol analogs on thyroid endocrine system and possible interaction with 17 β -estradiol using GH3 cells. <i>Toxicology in Vitro</i> , 2018, 53, 107-113.	1.1	24
136	Removal of tetramethylammonium hydroxide (TMAH) in semiconductor wastewater using the nano-ozone H ₂ O ₂ process. <i>Journal of Hazardous Materials</i> , 2021, 409, 123759.	6.5	24
137	Pharmaceutical Residues in Wastewater Treatment Plants and Surface Waters in Bangkok. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2012, 16, 88-91.	1.2	23
138	Association of food consumption during pregnancy with mercury and lead levels in cord blood. <i>Science of the Total Environment</i> , 2016, 563-564, 118-124.	3.9	22
139	Toxicological responses following short-term exposure through gavage feeding or water-borne exposure to Dechlorane Plus in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2016, 146, 226-232.	4.2	22
140	Hebei Spirit oil spill and its long-term effect on children's asthma symptoms. <i>Environmental Pollution</i> , 2019, 248, 286-294.	3.7	21
141	Optimal operating parameters in the composting of swine manure with wastepaper. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 1999, 34, 975-987.	0.7	20
142	Low-Level Lead Exposure Among South Korean Lead Workers, and Estimates of Associated Risk of Cardiovascular Diseases. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 5, 399-416.	0.4	20
143	Urinary phthalate metabolites over the first 15 months of life and risk assessment – CHECK cohort study. <i>Science of the Total Environment</i> , 2017, 607-608, 881-887.	3.9	20
144	Association of phthalate exposures with urinary free cortisol and 8-hydroxy-2'-deoxyguanosine in early childhood. <i>Science of the Total Environment</i> , 2018, 627, 506-513.	3.9	20

#	ARTICLE	IF	CITATIONS
145	Endocrine disruption by several aniline derivatives and related mechanisms in a human adrenal H295R cell line and adult male zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 326-332.	2.9	20
146	Dietary contribution to body burden of bisphenol A and bisphenol S among mother-children pairs. <i>Science of the Total Environment</i> , 2020, 744, 140856.	3.9	20
147	Occurrence of major organic UV filters in aquatic environments and their endocrine disruption potentials: A mini-review. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 940-950.	1.6	20
148	Urinary phthalate metabolite and bisphenol A levels in the Korean adult population in association with sociodemographic and behavioral characteristics: Korean National Environmental Health Survey (KoNEHS) 2012-2014. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 903-910.	2.1	19
149	Associations of exposure to phthalates and environmental phenols with gynecological disorders. <i>Reproductive Toxicology</i> , 2020, 95, 19-28.	1.3	19
150	Thyroid disrupting effects of perfluoroundecanoic acid and perfluorotridecanoic acid in zebrafish (<i>Danio rerio</i>) and rat pituitary (GH3) cell line. <i>Chemosphere</i> , 2021, 262, 128012.	4.2	19
151	Degradation of cyclophosphamide during UV/chlorine reaction: Kinetics, byproducts, and their toxicity. <i>Chemosphere</i> , 2021, 268, 128817.	4.2	19
152	Urinary Concentrations of Major Phthalate and Alternative Plasticizer Metabolites in Children of Thailand, Indonesia, and Saudi Arabia, and Associated Risks. <i>Environmental Science & Technology</i> , 2021, 55, 16526-16537.	4.6	19
153	Molecular cloning of <i>Daphnia magna</i> catalase and its biomarker potential against oxidative stresses. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 263-269.	1.3	18
154	Instrumental and bioanalytical measures of dioxin-like compounds and activities in sediments of the Pohang Area, Korea. <i>Science of the Total Environment</i> , 2014, 470-471, 1517-1525.	3.9	18
155	Prioritizing human pharmaceuticals for ecological risks in the freshwater environment of Korea. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1028-1036.	2.2	18
156	Effects of chronic exposure to cefadroxil and cefradine on <i>Daphnia magna</i> and <i>Oryzias latipes</i> . <i>Chemosphere</i> , 2017, 185, 844-851.	4.2	18
157	Perfluoroalkyl acids in serum of Korean children: Occurrences, related sources, and associated health outcomes. <i>Science of the Total Environment</i> , 2018, 645, 958-965.	3.9	18
158	Urinary levels of phthalates and DINCH metabolites in Korean and Thai pregnant women across three trimesters. <i>Science of the Total Environment</i> , 2020, 711, 134822.	3.9	18
159	Urinary bisphenol A concentrations and the risk of obesity in Korean adults. <i>Scientific Reports</i> , 2021, 11, 1603.	1.6	18
160	Acclimation to ultraviolet irradiation affects UV-B sensitivity of <i>Daphnia magna</i> to several environmental toxicants. <i>Chemosphere</i> , 2009, 77, 1600-1608.	4.2	17
161	Histone Deacetylase Inhibitors Selectively Target Homology Dependent DNA Repair Defective Cells and Elevate Non-Homologous Endjoining Activity. <i>PLoS ONE</i> , 2014, 9, e87203.	1.1	17
162	Integrative assessment of biomarker responses in pale chub (<i>Zacco platypus</i>) exposed to copper and benzo[a]pyrene. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 71-78.	2.9	16

#	ARTICLE	IF	CITATIONS
163	Tissue-Specific Antioxidant Responses in Pale Chub (<i>Zacco platypus</i>) Exposed to Copper and Benzo[a]pyrene. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 540-545.	1.3	16
164	Urinary oxidative stress biomarkers among local residents measured 6 years after the Hebei Spirit oil spill. <i>Science of the Total Environment</i> , 2017, 580, 946-952.	3.9	16
165	Bisphenol A in infant urine and baby-food samples among 9- to 15-month-olds. <i>Science of the Total Environment</i> , 2019, 697, 133861.	3.9	16
166	Exposure to phthalates and bisphenol analogues among childbearing-aged women in Korea: Influencing factors and potential health risks. <i>Chemosphere</i> , 2021, 264, 128425.	4.2	16
167	Variability of urinary creatinine, specific gravity, and osmolality over the course of pregnancy: Implications in exposure assessment among pregnant women. <i>Environmental Research</i> , 2021, 198, 110473.	3.7	16
168	An in vitro investigation of endocrine disrupting potentials of ten bisphenol analogues. <i>Steroids</i> , 2021, 169, 108826.	0.8	16
169	Ecological Risk Assessment of Amoxicillin, Enrofloxacin, and Neomycin: Are Their Current Levels in the Freshwater Environment Safe?. <i>Toxics</i> , 2021, 9, 196.	1.6	16
170	Dechlorination with sodium thiosulfate affects the toxicity of wastewater contaminated with copper, cadmium, nickel, or zinc. <i>Environmental Toxicology</i> , 2008, 23, 211-217.	2.1	15
171	Water intake rate among the general Korean population. <i>Science of the Total Environment</i> , 2010, 408, 734-739.	3.9	15
172	Color vision impairments among shipyard workers exposed to mixed organic solvents, especially xylene. <i>Neurotoxicology and Teratology</i> , 2013, 37, 39-43.	1.2	15
173	Infant exposure to polybrominated diphenyl ethers (PBDEs) via consumption of homemade baby food in Korea. <i>Environmental Research</i> , 2014, 134, 396-401.	3.7	15
174	Ecotoxicological assessment of cimetidine and determination of its potential for endocrine disruption using three test organisms: <i>Daphnia magna</i> , <i>Moina macrocopa</i> , and <i>Danio rerio</i> . <i>Chemosphere</i> , 2015, 135, 208-216.	4.2	15
175	Timing of an accelerated body mass increase in children exposed to lead in early life: A longitudinal study. <i>Science of the Total Environment</i> , 2017, 584-585, 72-77.	3.9	15
176	Profile of Environmental Chemicals in the Korean Population—Results of the Korean National Environmental Health Survey (KoNEHS) Cycle 3, 2015–2017. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 626.	1.2	15
177	Acute and chronic life cycle toxicity of acenaphthene and 2,4,6-trichlorophenol to the midge <i>Paratanytarsus parthenogeneticus</i> (Diptera: Chironomidae). <i>Aquatic Toxicology</i> , 2000, 51, 31-44.	1.9	14
178	Association between Several Persistent Organic Pollutants in Serum and Adipokine Levels in Breast Milk among Lactating Women of Korea. <i>Environmental Science & Technology</i> , 2015, 49, 8033-8040.	4.6	14
179	Urinary parabens and their potential sources of exposure among Korean children and adolescents: Korean National Environmental Health Survey 2015–2017. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113781.	2.1	14
180	Effects of Barium Chloride Exposure on Hormones and Genes of the Hypothalamic–Pituitary–Gonad Axis, and Reproduction of Zebrafish (<i>Danio rerio</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 341-346.	1.3	13

#	ARTICLE	IF	CITATIONS
181	Co-exposure to ketoconazole alters effects of bisphenol A in <i>Danio rerio</i> and H295R cells. <i>Chemosphere</i> , 2019, 237, 124414.	4.2	13
182	Influence of Vegetarian Dietary Intervention on Urinary Paraben Concentrations: A Pilot Study with "Temple Stay"™ Participants. <i>Toxics</i> , 2020, 8, 3.	1.6	13
183	Uncertainty-based concentration estimation of chlortetracycline antibiotics in swine farms and risk probability assessment for agricultural application of manure. <i>Journal of Hazardous Materials</i> , 2021, 402, 123763.	6.5	13
184	Effects of 3,4-dichloroaniline (3,4-DCA) and 4,4'-methylenedianiline (4,4'-MDA) on sex hormone regulation and reproduction of adult zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2021, 269, 128768.	4.2	13
185	Rapid screening for ecotoxicity of plating and semiconductor wastewater employing the heartbeat of <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109721.	2.9	12
186	DEHP Down-Regulates Tshr Gene Expression in Rat Thyroid Tissues and FRTL-5 Rat Thyrocytes: A Potential Mechanism of Thyroid Disruption. <i>Endocrinology and Metabolism</i> , 2021, 36, 447-454.	1.3	12
187	Within- and between-person variability of urinary phthalate metabolites and bisphenol analogues over seven days: Considerations of biomonitoring study design. <i>Environmental Research</i> , 2022, 209, 112885.	3.7	12
188	Zebrafish (<i>Danio rerio</i>) as a model organism for screening nephrotoxic chemicals and related mechanisms. <i>Ecotoxicology and Environmental Safety</i> , 2022, 242, 113842.	2.9	12
189	Urinary levels of phthalate, bisphenol, and paraben and allergic outcomes in children: Korean National Environmental Health Survey 2015-2017. <i>Science of the Total Environment</i> , 2022, 818, 151703.	3.9	11
190	1-Hydroxypyrene and oxidative stress marker levels among painting workers and office workers at shipyard. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 297-303.	1.1	10
191	Characterization of endocrine disruption potentials of coastal sediments of Taean, Korea employing H295R and MVLN assays-Reconnaissance at 5 years after Hebei Spirit oil spill. <i>Marine Pollution Bulletin</i> , 2018, 127, 264-272.	2.3	10
192	Prenatal contribution of 2, 2', 4, 4'-tetrabromodiphenyl ether (BDE-47) to total body burden in young children. <i>Science of the Total Environment</i> , 2018, 616-617, 510-516.	3.9	10
193	Differential micronucleus frequency in isogenic human cells deficient in DNA repair pathways is a valuable indicator for evaluating genotoxic agents and their genotoxic mechanisms. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 529-538.	0.9	10
194	Effects of gemfibrozil on sex hormones and reproduction related performances of <i>Oryzias latipes</i> following long-term (155 d) and short-term (21 d) exposure. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 174-181.	2.9	9
195	First nationwide exposure profile of major persistent organic pollutants among Korean adults and their determinants: Korean National Environmental Health Survey Cycle 3 (2015-2017). <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113779.	2.1	9
196	Health risks from multiroute exposure of potentially toxic elements in a coastal community: a probabilistic risk approach in Pangkep Regency, Indonesia. <i>Geomatics, Natural Hazards and Risk</i> , 2022, 13, 705-735.	2.0	9
197	Biomarker-Determined Nonylphenol Exposure and Associated Risks in Children of Thailand, Indonesia, and Saudi Arabia. <i>Environmental Science & Technology</i> , 2022, 56, 10229-10238.	4.6	9
198	Pharmaceuticals in the environment: An introduction to the "ET&C" special issue. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 763-766.	2.2	7

#	ARTICLE	IF	CITATIONS
199	Lead and mercury levels in repeatedly collected urine samples of young children: A longitudinal biomonitoring study. <i>Environmental Research</i> , 2020, 189, 109901.	3.7	7
200	Non-carcinogenic Health Outcomes Associated with Polycyclic Aromatic Hydrocarbons (PAHs) Exposure in Humans: An Umbrella Review. <i>Exposure and Health</i> , 2023, 15, 95-111.	2.8	7
201	Reconnaissance of dioxin-like and estrogen-like toxicities in sediments of Taean, Korea-seven years after the Hebei Spirit oil spill. <i>Chemosphere</i> , 2017, 168, 1203-1210.	4.2	6
202	Free Cortisol Mediates Associations of Maternal Urinary Heavy Metals with Neonatal Anthropometric Measures: A Cross-Sectional Study. <i>Toxics</i> , 2022, 10, 167.	1.6	6
203	Application of a fish DNA damage assay as a biological toxicity screening tool for metal plating wastewater. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 242-247.	2.2	5
204	Risk assessment before and after solar photocatalytic degradation of BTEX contaminated groundwater at a gas station site in Korea. <i>Environmental Progress</i> , 2008, 27, 447-459.	0.8	5
205	In vivo biodegradation of colloidal quantum dots by a freshwater invertebrate, <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2012, 114-115, 217-222.	1.9	5
206	Estimation of human-origin estrone and 17 β -estradiol concentrations in the Han River, Seoul, South Korea and its uncertainty-based ecological risk characterization. <i>Science of the Total Environment</i> , 2018, 633, 1148-1155.	3.9	5
207	Effects of long-term exposure to TDCPP in zebrafish (<i>Danio rerio</i>) – Alternations of hormone balance and gene transcriptions along hypothalamus–pituitary axes. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 239-247.	1.3	5
208	Exposure to phthalate esters in Japanese females in Kyoto, Japan from 1993 to 2016: Temporal trends and associated health risks. <i>Environment International</i> , 2022, 165, 107288.	4.8	5
209	Cloning metallothionein gene in <i>Zacco platypus</i> and its potential as an exposure biomarker against cadmium. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 447.	1.3	4
210	Searching for novel modes of toxic actions of oil spill using <i>E. coli</i> live cell array reporter system – A Hebei Spirit oil spill study. <i>Chemosphere</i> , 2017, 169, 669-677.	4.2	4
211	Exposure to Bisphenol A, S, and F and its Association with Obesity and Diabetes Mellitus in General Adults of Korea: Korean National Environmental Health Survey (KoNEHS) 2015–2017. <i>Exposure and Health</i> , 2023, 15, 53-67.	2.8	4
212	Effects of the DNA repair inhibitors, cytosine arabinoside and 3-aminobenzamide, on the frequency of radiation-induced micronuclei, nuclear buds, and nucleoplasmic bridges. <i>Genes and Genomics</i> , 2020, 42, 673-680.	0.5	3
213	Sex, menopause, and age differences in the associations of persistent organic pollutants with thyroid hormones, thyroxine-binding globulin, and peripheral deiodinase activity: A cross-sectional study of the general Korean adult population. <i>Environmental Research</i> , 2022, 212, 113143.	3.7	3
214	Exposure to several polychlorinated biphenyls (PCBs) is associated with chronic kidney disease among general adults: Korean National Environmental Health Survey (KoNEHS) 2015–2017. <i>Chemosphere</i> , 2022, 303, 134998.	4.2	3
215	First snapshot on behavioral characteristics and related factors of patients with chronic kidney disease in South Korea during the COVID-19 pandemic (June to October 2020). <i>Kidney Research and Clinical Practice</i> , 2022, 41, 219-230.	0.9	2
216	Daily Intake of DEHP and Other Phthalates by Korean – Estimated by Determination of Urinary Concentration of Phthalate Metabolites. <i>Epidemiology</i> , 2011, 22, S94.	1.2	1

#	ARTICLE	IF	CITATIONS
217	Influence of Water Temperature on Perchlorate-induced Toxicity in <i>Oryzias latipes</i> . <i>Epidemiology</i> , 2011, 22, S242.	1.2	1
218	Asian forum on environmental health policy: challenges and perspectives of environmental health problems in the region in the next 30 years. <i>Environmental Health and Preventive Medicine</i> , 2012, 17, 170-172.	1.4	1
219	Residual Detections of Erythromycin and Tylosin at Surface Water and Soils in Korea. <i>Epidemiology</i> , 2011, 22, S74.	1.2	0
220	Levels of Human Steroid Hormones in Water and Sediment From 4 Major Rivers in Korea. <i>Epidemiology</i> , 2011, 22, S98.	1.2	0
221	The necessity of bioanalytical tools for advancing water and sediment quality assessment. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1113-1116.	1.7	0
222	Exposure to Phthalates and Alternative Plasticizers Is Associated with Methylation Changes of ESR1 and PGR in Uterine Leiomyoma: The ELENA Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4234.	1.3	0
223	Contamination Levels of Pharmaceuticals and Pesticides in the Gotjawal Regions of Jeju Island and Associated Ecotoxicities. <i>Korean Journal of Environmental Health Sciences</i> , 2013, 39, 426-437.	0.1	0