

Sunggyu Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,389
citations

22
h-index

36
g-index

50
ext. papers

1,727
ext. citations

8.8
avg, IF

4.91
L-index

#	Paper	IF	Citations
48	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.. <i>Environment International</i> , 2022 , 161, 107123	12.9	0
47	Effect-directed identification of novel aryl hydrocarbon receptor-active aromatic compounds in coastal sediments collected from a highly industrialized area. <i>Science of the Total Environment</i> , 2022 , 803, 149969	10.2	3
46	Historical record of legacy and alternative halogenated flame retardants in dated sediment from a highly industrialized saltwater lake in Korea.. <i>Chemosphere</i> , 2022 , 134264	8.4	1
45	Identification of AhR agonists in sediments of the Bohai and Yellow Seas using advanced effect-directed analysis and in silico prediction.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 128908	12.8	0
44	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. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124230	12.8	7
43	Severe contamination and time trends of legacy and novel halogenated flame retardants in multiple environmental media from Lake Shihwa, Korea: Effectiveness of regulatory action. <i>Chemosphere</i> , 2021 , 279, 130620	8.4	3
42	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. <i>Marine Pollution Bulletin</i> , 2021 , 172, 112812	6.7	0
41	Phthalates and non-phthalate plasticizers in sediment from Korean coastal waters: Occurrence, spatial distribution, and ecological risks. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111119	6.7	17
40	Multiple Bioassays and Targeted and Nontargeted Analyses to Characterize Potential Toxicological Effects Associated with Sediments of Masan Bay: Focusing on AhR-Mediated Potency. <i>Environmental Science & Technology</i> , 2020 , 54, 4443-4454	10.3	18
39	Organophosphate flame retardants and plasticizers in sediment and bivalves along the Korean coast: Occurrence, geographical distribution, and a potential for bioaccumulation. <i>Marine Pollution Bulletin</i> , 2020 , 156, 111275	6.7	20
38	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	10.2	28
37	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. <i>Environmental Research</i> , 2020 , 189, 109874	7.9	13
36	Legacy and novel flame retardants in water and sediment from highly industrialized bays of Korea: Occurrence, source tracking, decadal time trend, and ecological risks. <i>Marine Pollution Bulletin</i> , 2020 , 160, 111639	6.7	13
35	Optimization of suspect and non-target analytical methods using GC/TOF for prioritization of emerging contaminants in the Arctic environment. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 181, 11-17	7	13
34	Spatial and temporal trends of melamine and its derivatives in sediment from Lake Shihwa, South Korea. <i>Journal of Hazardous Materials</i> , 2019 , 373, 671-677	12.8	19
33	Newly Identified AhR-Active Compounds in the Sediments of an Industrial Area Using Effect-Directed Analysis. <i>Environmental Science & Technology</i> , 2019 , 53, 10043-10052	10.3	24
32	Occurrence and emission of phthalates and non-phthalate plasticizers in sludge from wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2019 , 692, 354-360	10.2	24

31	Major AhR-active chemicals in sediments of Lake Sihwa, South Korea: Application of effect-directed analysis combined with full-scan screening analysis. <i>Environment International</i> , 2019 , 133, 105199	12.9	16
30	Historical trends of perfluoroalkyl substances (PFASs) in dated sediments from semi-enclosed bays of Korea. <i>Marine Pollution Bulletin</i> , 2018 , 128, 287-294	6.7	22
29	An optimized method for the analysis of cyclic and linear siloxanes and their distribution in surface and core sediments from industrialized bays in Korea. <i>Environmental Pollution</i> , 2018 , 236, 111-118	9.3	29
28	Organophosphate flame retardants (OPFRs) in water and sediment: Occurrence, distribution, and hotspots of contamination of Lake Shihwa, Korea. <i>Marine Pollution Bulletin</i> , 2018 , 130, 105-112	6.7	74
27	Organophosphorus flame retardants (PFRs) and phthalates in floor and road dust from a manual e-waste dismantling facility and adjacent communities in Thailand. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018 , 53, 79-90	2.3	18
26	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	10.2	40
25	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	10.2	55
24	Accumulation and exposure assessment of persistent chlorinated and fluorinated contaminants in Korean birds. <i>Science of the Total Environment</i> , 2018 , 645, 220-228	10.2	22
23	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	10.2	7
22	Placental and lactational transfer of decabromodiphenyl ether and 2,2,4,4-tetrabromodiphenyl ether in dam-offspring pairs of Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2017 , 102, 198-203	4.7	9
21	Polybrominated diphenyl ethers (PBDEs) in floor and road dust from a manual e-waste dismantling facility and adjacent communities in Thailand. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017 , 52, 1284-1294	2.3	11
20	Occurrence and exposure assessment of organophosphate flame retardants (OPFRs) through the consumption of drinking water in Korea. <i>Water Research</i> , 2016 , 103, 182-188	12.5	95
19	Species-specific accumulation of polybrominated diphenyl ethers (PBDEs) and other emerging flame retardants in several species of birds from Korea. <i>Environmental Pollution</i> , 2016 , 219, 191-200	9.3	32
18	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	7.9	20
17	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,	4.6	21
16	Decline in sediment contamination by persistent toxic substances from the outfall of wastewater treatment plant: Effectiveness of legislative actions in Korea. <i>Chemosphere</i> , 2016 , 153, 426-35	8.4	16
15	Synthetic musk compounds and benzotriazole ultraviolet stabilizers in breast milk: Occurrence, time-course variation and infant health risk. <i>Environmental Research</i> , 2015 , 140, 466-73	7.9	30
14	Polybrominated diphenyl ethers in thirteen shark species from offshore and coastal waters of Korea. <i>Marine Pollution Bulletin</i> , 2015 , 95, 374-9	6.7	5

13	Emission of bisphenol analogues including bisphenol A and bisphenol F from wastewater treatment plants in Korea. <i>Chemosphere</i> , 2015 , 119, 1000-1006	8.4	138
12	Persistent organochlorines in 13 shark species from offshore and coastal waters of Korea: Species-specific accumulation and contributing factors. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 115, 195-202	7	16
11	Emission of artificial sweeteners, select pharmaceuticals, and personal care products through sewage sludge from wastewater treatment plants in Korea. <i>Environment International</i> , 2014 , 68, 33-40	12.9	82
10	A nationwide survey and emission estimates of cyclic and linear siloxanes through sludge from wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2014 , 497-498, 106-112	10.2	49
9	Occurrence of PBDEs and other alternative brominated flame retardants in sludge from wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2014 , 470-471, 1422-9	10.2	57
8	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, 219-26	10.2	37
7	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, 1370-5	10.2	16
6	Infant exposure to polybrominated diphenyl ethers (PBDEs) via consumption of homemade baby food in Korea. <i>Environmental Research</i> , 2014 , 134, 396-401	7.9	13
5	Parabens in sediment and sewage sludge from the United States, Japan, and Korea: spatial distribution and temporal trends. <i>Environmental Science & Technology</i> , 2013 , 47, 10895-902	10.3	90
4	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, 1578-85	8.4	29
3	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	7.9	37
2	Assessment of exposure to polybrominated diphenyl ethers (PBDEs) via seafood consumption and dust ingestion in Korea. <i>Science of the Total Environment</i> , 2013 , 443, 24-30	10.2	54
1	Psychoactive pharmaceuticals in sludge and their emission from wastewater treatment facilities in Korea. <i>Environmental Science & Technology</i> , 2013 , 47, 13321-9	10.3	46