

Sang Hee Hong

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

9,065
citations

53660

45
h-index

40881

93
g-index

97
all docs

97
docs citations

97
times ranked

6528
citing authors

#	ARTICLE	IF	CITATIONS
1	Levels and profiles of perfluorinated alkyl acids in liver tissues of birds with different habitat types and trophic levels from an urbanized coastal region of South Korea. <i>Science of the Total Environment</i> , 2022, 806, 151263.	3.9	5
2	What type of plastic do sea turtles in Korean waters mainly ingest? Quantity, shape, color, size, polymer composition, and original usage. <i>Environmental Pollution</i> , 2022, 298, 118849.	3.7	9
3	Identification of novel polar aryl hydrocarbon receptor agonists accumulated in liver of black-tailed gulls in Korea using advanced effect-directed analysis. <i>Journal of Hazardous Materials</i> , 2022, 429, 128305.	6.5	5
4	Underwater hidden microplastic hotspots: Historical ocean dumping sites. <i>Water Research</i> , 2022, 216, 118254.	5.3	15
5	Spatial distribution and temporal trends of classical and emerging persistent organic pollutants (POPs) in black-tailed gull (<i>Larus crassirostris</i>) eggs from Korea. <i>Science of the Total Environment</i> , 2022, 845, 157244.	3.9	14
6	Ecological risk assessment of microplastics in coastal, shelf, and deep sea waters with a consideration of environmentally relevant size and shape. <i>Environmental Pollution</i> , 2021, 270, 116217.	3.7	102
7	Relative importance of aqueous leachate versus particle ingestion as uptake routes for microplastic additives (hexabromocyclododecane) to mussels. <i>Environmental Pollution</i> , 2021, 270, 116272.	3.7	29
8	Nationwide monitoring of microplastics in bivalves from the coastal environment of Korea. <i>Environmental Pollution</i> , 2021, 270, 116175.	3.7	113
9	Prevalence of small high-density microplastics in the continental shelf and deep sea waters of East Asia. <i>Water Research</i> , 2021, 200, 117238.	5.3	45
10	Evaluating the fate of hexabromocyclododecanes in the coastal environment: Fugacity analysis using field data. <i>Environmental Pollution</i> , 2021, 286, 117461.	3.7	8
11	A comparison of spectroscopic analysis methods for microplastics: Manual, semi-automated, and automated Fourier transform infrared and Raman techniques. <i>Marine Pollution Bulletin</i> , 2021, 173, 113101.	2.3	27
12	A close relationship between microplastic contamination and coastal area use pattern. <i>Water Research</i> , 2020, 171, 115400.	5.3	150
13	Photosynthesis enhancement in four marine microalgal species exposed to expanded polystyrene leachate. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109936.	2.9	30
14	Rapid Production of Micro- and Nanoplastics by Fragmentation of Expanded Polystyrene Exposed to Sunlight. <i>Environmental Science & Technology</i> , 2020, 54, 11191-11200.	4.6	144
15	Can Zooplankton Be Entangled by Microfibers in the Marine Environment?: Laboratory Studies. <i>Water (Switzerland)</i> , 2020, 12, 3302.	1.2	2
16	Spatial distribution of microplastic in the surface waters along the coast of Korea. <i>Marine Pollution Bulletin</i> , 2020, 155, 110729.	2.3	47
17	Spatiotemporal distribution and annual load of microplastics in the Nakdong River, South Korea. <i>Water Research</i> , 2019, 160, 228-237.	5.3	335
18	Abundance and characteristics of microplastics in market bivalves from South Korea. <i>Environmental Pollution</i> , 2019, 245, 1107-1116.	3.7	309

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19	Abundance, composition, and distribution of microplastics larger than 20µm in sand beaches of South Korea. <i>Environmental Pollution</i> , 2018, 238, 894-902.	3.7	160
20	Formation of microplastics by polychaetes (<i>Marphysa sanguinea</i>) inhabiting expanded polystyrene marine debris. <i>Marine Pollution Bulletin</i> , 2018, 131, 365-369.	2.3	72
21	Horizontal and Vertical Distribution of Microplastics in Korean Coastal Waters. <i>Environmental Science & Technology</i> , 2018, 52, 12188-12197.	4.6	218
22	Marine Microplastics: Abundance, Distribution, and Composition. , 2018, , 1-26.		46
23	Chemicals Associated With Marine Plastic Debris and Microplastics: Analyses and Contaminant Levels. , 2018, , 271-315.		9
24	Methods of analysing chemicals associated with microplastics: a review. <i>Analytical Methods</i> , 2017, 9, 1361-1368.	1.3	86
25	Combined Effects of UV Exposure Duration and Mechanical Abrasion on Microplastic Fragmentation by Polymer Type. <i>Environmental Science & Technology</i> , 2017, 51, 4368-4376.	4.6	896
26	Microplastics as a vector of hydrophobic contaminants: Importance of hydrophobic additives. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 494-499.	1.6	158
27	Benzotriazole-type ultraviolet stabilizers and antioxidants in plastic marine debris and their new products. <i>Science of the Total Environment</i> , 2017, 579, 745-754.	3.9	123
28	Imposex in <i>Reishia clavigera</i> as an Indicator to Assess Recovery of TBT Pollution After a Total Ban in South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 301-309.	2.1	13
29	Widespread detection of a brominated flame retardant, hexabromocyclododecane, in expanded polystyrene marine debris and microplastics from South Korea and the Asia-Pacific coastal region. <i>Environmental Pollution</i> , 2017, 231, 785-794.	3.7	118
30	Characteristics of meso-sized plastic marine debris on 20 beaches in Korea. <i>Marine Pollution Bulletin</i> , 2017, 123, 92-96.	2.3	53
31	Releasing of hexabromocyclododecanes from expanded polystyrenes in seawater -field and laboratory experiments. <i>Chemosphere</i> , 2017, 185, 798-805.	4.2	71
32	Identification methods in microplastic analysis: a review. <i>Analytical Methods</i> , 2017, 9, 1384-1391.	1.3	628
33	Origins of suspended particulate matter based on sterol distribution in low salinity water mass observed in the offshore East China Sea. <i>Marine Pollution Bulletin</i> , 2016, 108, 281-288.	2.3	16
34	Styrofoam Debris as a Source of Hazardous Additives for Marine Organisms. <i>Environmental Science & Technology</i> , 2016, 50, 4951-4960.	4.6	166
35	Identification and quantification of microplastics using Nile Red staining. <i>Marine Pollution Bulletin</i> , 2016, 113, 469-476.	2.3	388
36	Assessment of Persistent Organic and Heavy Metal Contamination in Busan Coast: Application of Sediment Quality Index. <i>Ocean and Polar Research</i> , 2016, 38, 171-184.	0.3	7

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37	Occurrence and Distribution of Microplastics in the Sea Surface Microlayer in Jinhae Bay, South Korea. Archives of Environmental Contamination and Toxicology, 2015, 69, 279-287.	2.1	209
38	Distribution of butyltins and alternative antifouling biocides in sediments from shipping and shipbuilding areas in South Korea. Marine Pollution Bulletin, 2015, 95, 484-490.	2.3	43
39	A comparison of microscopic and spectroscopic identification methods for analysis of microplastics in environmental samples. Marine Pollution Bulletin, 2015, 93, 202-209.	2.3	602
40	Qualitative Analysis of Additives in Plastic Marine Debris and Its New Products. Archives of Environmental Contamination and Toxicology, 2015, 69, 352-366.	2.1	156
41	Distribution and Size Relationships of Plastic Marine Debris on Beaches in South Korea. Archives of Environmental Contamination and Toxicology, 2015, 69, 288-298.	2.1	122
42	Enrichment of hexabromocyclododecanes in coastal sediments near aquaculture areas and a wastewater treatment plant in a semi-enclosed bay in South Korea. Science of the Total Environment, 2015, 505, 290-298.	3.9	76
43	Integrative assessment of sediment quality in terms of chemical contamination in Jinhae Bay, South Korea. Ocean Science Journal, 2014, 49, 265-278.	0.6	11
44	Hexabromocyclododecane in polystyrene based consumer products: An evidence of unregulated use. Chemosphere, 2014, 110, 111-119.	4.2	116
45	Levels and profiles of persistent organic pollutants in resident and migratory birds from an urbanized coastal region of South Korea. Science of the Total Environment, 2014, 470-471, 1463-1470.	3.9	40
46	Source- and region-specific distribution of polycyclic aromatic hydrocarbons in sediments from Jinhae Bay, Korea. Science of the Total Environment, 2014, 470-471, 1485-1493.	3.9	40
47	Large Accumulation of Micro-sized Synthetic Polymer Particles in the Sea Surface Microlayer. Environmental Science & Technology, 2014, 48, 9014-9021.	4.6	436
48	Congener-specific accumulation and environmental risk assessment of polybrominated diphenyl ethers in diverse Korean sewage sludge types. Environmental Science and Pollution Research, 2014, 21, 7480-7488.	2.7	9
49	Temporal changes in TBT pollution in water, sediment, and oyster from Jinhae Bay after the total ban in South Korea. Marine Pollution Bulletin, 2014, 86, 547-554.	2.3	35
50	Assessment of TBT and organic booster biocide contamination in seawater from coastal areas of South Korea. Marine Pollution Bulletin, 2014, 78, 201-208.	2.3	68
51	Fish biological effect monitoring of chemical stressors using a generalized linear model in South Sea, Korea. Marine Pollution Bulletin, 2014, 78, 230-234.	2.3	2
52	Distribution of small plastic debris in cross-section and high strandline on Heungnam beach, South Korea. Ocean Science Journal, 2013, 48, 225-233.	0.6	169
53	Relationships among the abundances of plastic debris in different size classes on beaches in South Korea. Marine Pollution Bulletin, 2013, 77, 349-354.	2.3	324
54	Isotopic dilution determination of emerging flame retardants in marine sediments by HPLC-APCI-MS/MS. Analytical Methods, 2013, 5, 1771.	1.3	19

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55	Petroleum hydrocarbon contaminations in the intertidal seawater after the Hebei Spirit oil spill – Effect of tidal cycle on the TPH concentrations and the chromatographic characterization of seawater extracts. <i>Water Research</i> , 2013, 47, 758-768.	5.3	62
56	Particle-Size Distribution of Polycyclic Aromatic Hydrocarbons in Urban Road Dust of Masan, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 189-198.	2.1	24
57	Multiple In Vitro Bioassay Approach in Sediment Toxicity Evaluation: Masan Bay, Korea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 32-37.	1.3	15
58	Chemical tracers, sterol biomarkers and satellite imagery in the study of a river plume ecosystem in the Yellow Sea. <i>Continental Shelf Research</i> , 2012, 33, 29-36.	0.9	20
59	Fingerprint and weathering characteristics of stranded oils after the Hebei Spirit oil spill. <i>Journal of Hazardous Materials</i> , 2011, 197, 60-69.	6.5	116
60	Polychlorinated biphenyls (PCBs) in a benthic ecosystem in Gwangyang Bay, South Korea. <i>Marine Pollution Bulletin</i> , 2011, 62, 2863-2868.	2.3	13
61	Status and trend of butyltin contamination in Masan Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2011, 3, 46-53.	1.1	10
62	Tracing origins of sewage and organic matter using dissolved sterols in Masan and Haengam Bay, Korea. <i>Ocean Science Journal</i> , 2011, 46, 95-103.	0.6	16
63	Occurrence and spatial distribution of organic contaminants in sediments from Chinhae Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2010, 2, 119-124.	1.1	3
64	Dispersion of organic contaminants from wastewater treatment outfall in Masan Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2010, 2, 200-206.	1.1	6
65	Understanding the accumulation features of POPs in squid from the offshore waters of southeast Korea. <i>Fisheries Science</i> , 2010, 76, 325-331.	0.7	2
66	Hebei Spirit oil spill monitored on site by fluorometric detection of residual oil in coastal waters off Taean, Korea. <i>Marine Pollution Bulletin</i> , 2010, 60, 383-389.	2.3	98
67	Temporal trend, spatial distribution, and terrestrial sources of PBDEs and PCBs in Masan Bay, Korea. <i>Marine Pollution Bulletin</i> , 2010, 60, 1836-1841.	2.3	74
68	Persistent organochlorine pollutants in Korean offshore waters: Squid (<i>Todarodes pacificus</i>) as a biomonitor. <i>Marine Pollution Bulletin</i> , 2009, 58, 1238-1244.	2.3	12
69	Biomarkers in marbled flounder (<i>Pleuronectes yokohamae</i>) from contaminated and reference sites in South Korea. <i>Marine Pollution Bulletin</i> , 2009, 58, 1754-1759.	2.3	4
70	Assessment of sediment contamination by persistent organic pollutants in Gyeonggi Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2009, 1, 56-63.	1.1	12
71	Biomonitoring background levels of PCBs and PBDEs in Seoul metropolitan atmosphere for possible health effects. <i>Toxicology and Environmental Health Sciences</i> , 2009, 1, 109-116.	1.1	5
72	Accumulation of tributyltin and triphenyltin compounds in laboratory exposure and their induction of imposex in rock shell (<i>Thais clavigera</i>). <i>Toxicology and Environmental Health Sciences</i> , 2009, 1, 182-187.	1.1	1

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73	Survey on organochlorine pesticides, PCDD/Fs, dioxin-like PCBs and HCB in sediments from the Han river, Korea. <i>Chemosphere</i> , 2009, 75, 580-587.	4.2	75
74	PCDD/F, PBDE, and nonylphenol contamination in a semi-enclosed bay (Masan Bay, South Korea) and a Mediterranean lagoon (Thau, France). <i>Chemosphere</i> , 2009, 77, 854-862.	4.2	54
75	Distribution of persistent organic pollutants in bivalves from the northeast coast of China. <i>Marine Pollution Bulletin</i> , 2008, 57, 775-781.	2.3	26
76	Distribution characteristics of nonylphenolic chemicals in Masan Bay environments, Korea. <i>Chemosphere</i> , 2008, 71, 1162-1172.	4.2	72
77	Persistent organochlorine residues in estuarine and marine sediments from Ha Long Bay, Hai Phong Bay, and Ba Lat Estuary, Vietnam. <i>Chemosphere</i> , 2008, 72, 1193-1202.	4.2	74
78	Human Exposure to Dioxin-Like Compounds in Fish and Shellfish Consumed in South Korea. <i>Human and Ecological Risk Assessment (HERA)</i> , 2007, 13, 223-235.	1.7	22
79	Distribution and characteristics of PAHs in sediments from the marine environment of Korea. <i>Chemosphere</i> , 2007, 68, 85-92.	4.2	97
80	A congener-specific survey for polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) contamination in Masan Bay, Korea. <i>Chemosphere</i> , 2007, 68, 1613-1622.	4.2	26
81	Nationwide monitoring of polychlorinated biphenyls and organochlorine pesticides in sediments from coastal environment of Korea. <i>Chemosphere</i> , 2006, 64, 1479-1488.	4.2	107
82	Comparative Toxicities of Organotin Compounds on Fertilization and Development of Sea Urchin (<i>Anthocardia crassispina</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 755-762.	1.3	11
83	Spatio-temporal distribution and characteristics of PAHs in sediments from Masan Bay, Korea. <i>Marine Pollution Bulletin</i> , 2005, 50, 319-326.	2.3	146
84	Seasonal and spatial distribution of nonylphenol and IBP in Saemangeum Bay, Korea. <i>Marine Pollution Bulletin</i> , 2005, 51, 966-974.	2.3	27
85	A preliminary report of persistent organochlorine pollutants in the Yellow Sea. <i>Marine Pollution Bulletin</i> , 2005, 50, 217-222.	2.3	20
86	A survey of polychlorinated dibenzo-p-dioxins and furans in Korean seafood—a congener-specific approach. <i>Marine Pollution Bulletin</i> , 2005, 50, 1121-1127.	2.3	34
87	Assessment of butyl- and phenyltin pollution in the coastal environment of Korea using mussels and oysters. <i>Marine Pollution Bulletin</i> , 2005, 51, 922-931.	2.3	37
88	Levels of Persistent Organochlorine Contaminants in Fish from Korea and Their Potential Health Risk. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 48, 358-366.	2.1	62
89	Non-O,O'-Chlorine Substituted Congeners in Commercial Polychlorinated Biphenyl (PCB) Mixtures of the World. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 897-902.	1.3	4
90	Congener-Specific Survey for Polychlorinated Biphenyls in Sediments of Industrialized Bays in Korea: A Regional Characteristics and Pollution Sources. <i>Environmental Science & Technology</i> , 2005, 39, 7380-7388.	4.6	102

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91	Accumulation of butyl- and phenyltin compounds in starfish and bivalves from the coastal environment of Korea. <i>Environmental Pollution</i> , 2005, 133, 489-499.	3.7	43
92	Accumulation of Tributyltin in Olive Flounder, <i>Paralichthys olivaceus</i> : Its Effect on Hepatic Cytochrome P450. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 390-397.	2.1	14
93	Horizontal and vertical distribution of PCBs and chlorinated pesticides in sediments from Masan Bay, Korea. <i>Marine Pollution Bulletin</i> , 2003, 46, 244-253.	2.3	169
94	Identification of PAHs Sources in Bivalves and Sediments 5 Years After the Sea Prince Oil Spill in Korea. <i>Environmental Forensics</i> , 2002, 3, 357-366.	1.3	20
95	Geographical distribution and accumulation features of organochlorine residues in bivalves from coastal areas of South Korea. <i>Marine Pollution Bulletin</i> , 2002, 45, 268-279.	2.3	107
96	Horizontal and Vertical Distribution of Butyltin Compounds in Sediments from Shipyards in Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 277-283.	2.1	40
97	Imposex in the rock shell, <i>Thais clavigera</i> , as evidence of organotin contamination in the marine environment of Korea. <i>Marine Environmental Research</i> , 2000, 49, 435-451.	1.1	89