

Won-joon Shim

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.

191 papers	9,761 citations	55 h-index	92 g-index
195 ext. papers	11,865 ext. citations	6.3 avg, IF	6.58 L-index

#	Paper	IF	Citations
191	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 , 118849	9.3	0
190	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	10.2	0
189	Underwater hidden microplastic hotspots: Historical ocean dumping sites.. <i>Water Research</i> , 2022 , 216, 118254	12.5	0
188	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, 113107	6.7	1
187	Prevalence of small high-density microplastics in the continental shelf and deep sea waters of East Asia. <i>Water Research</i> , 2021 , 200, 117238	12.5	8
186	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	9.3	42
185	Relative importance of aqueous leachate versus particle ingestion as uptake routes for microplastic additives (hexabromocyclododecane) to mussels. <i>Environmental Pollution</i> , 2021 , 270, 116272	9.3	8
184	Nationwide monitoring of microplastics in bivalves from the coastal environment of Korea. <i>Environmental Pollution</i> , 2021 , 270, 116175	9.3	28
183	Can Zooplankton Be Entangled by Microfibers in the Marine Environment?: Laboratory Studies. <i>Water (Switzerland)</i> , 2020 , 12, 3302	3	0
182	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020 , 15, 023003	6.2	186
181	Spatial distribution of microplastic in the surface waters along the coast of Korea. <i>Marine Pollution Bulletin</i> , 2020 , 155, 110729	6.7	19
180	Rapid recovery of coastal environment and ecosystem to the Hebei Spirit oil spill's impact. <i>Environment International</i> , 2020 , 136, 105438	12.9	11
179	A close relationship between microplastic contamination and coastal area use pattern. <i>Water Research</i> , 2020 , 171, 115400	12.5	60
178	Characterization of the contribution of road deposited sediments to the contamination of the close marine environment with trace metals: Case of the port city of Busan (South Korea). <i>Marine Pollution Bulletin</i> , 2020 , 161, 111717	6.7	20
177	Rapid Production of Micro- and Nanoplastics by Fragmentation of Expanded Polystyrene Exposed to Sunlight. <i>Environmental Science & Technology</i> , 2020 , 54, 11191-11200	10.3	50
176	Coastal Ecosystem Health Assessment in Korea: Busan Case Study. <i>Ocean Science Journal</i> , 2019 , 54, 165-182	18.2	2
175	Spatiotemporal distribution and annual load of microplastics in the Nakdong River, South Korea. <i>Water Research</i> , 2019 , 160, 228-237	12.5	165

174	Microplastic contamination of table salts from Taiwan, including a global review. <i>Scientific Reports</i> , 2019 , 9, 10145	4.9	47
173	An interlaboratory comparison exercise for the determination of microplastics in standard sample bottles. <i>Marine Pollution Bulletin</i> , 2019 , 146, 831-837	6.7	51
172	Multiple approaches to assessing the risk posed by anthropogenic plastic debris. <i>Marine Pollution Bulletin</i> , 2019 , 141, 188-193	6.7	3
171	Abundance and characteristics of microplastics in market bivalves from South Korea. <i>Environmental Pollution</i> , 2019 , 245, 1107-1116	9.3	156
170	Corrections to "Combined Effects of UV Exposure Duration and Mechanical Abrasion on Microplastic Fragmentation by Polymer Type". <i>Environmental Science & Technology</i> , 2018 , 52, 3831-3832	10.3	17
169	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018 , 238, 739-748	9.3	32
168	Abundance, composition, and distribution of microplastics larger than 20 μ m in sand beaches of South Korea. <i>Environmental Pollution</i> , 2018 , 238, 894-902	9.3	103
167	Characterization of endocrine disruption potentials of coastal sediments of Taean, Korea employing H295R and MVLN assays-Reconnaissance at 5years after Hebei Spirit oil spill. <i>Marine Pollution Bulletin</i> , 2018 , 127, 264-272	6.7	9
166	Formation of microplastics by polychaetes (<i>Marphysa sanguinea</i>) inhabiting expanded polystyrene marine debris. <i>Marine Pollution Bulletin</i> , 2018 , 131, 365-369	6.7	41
165	Horizontal and Vertical Distribution of Microplastics in Korean Coastal Waters. <i>Environmental Science & Technology</i> , 2018 , 52, 12188-12197	10.3	123
164	Marine Microplastics: Abundance, Distribution, and Composition 2018 , 1-26		19
163	Long-term changes in rocky intertidal macrobenthos during the five years after the Hebei Spirit oil spill, Taean, Korea. <i>Ocean Science Journal</i> , 2017 , 52, 103-112	1.1	3
162	Combined Effects of UV Exposure Duration and Mechanical Abrasion on Microplastic Fragmentation by Polymer Type. <i>Environmental Science & Technology</i> , 2017 , 51, 4368-4376	10.3	453
161	RNA seq- and DEG-based comparison of developmental toxicity in fish embryos of two species exposed to Iranian heavy crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 196, 1-10	3.2	5
160	Microplastics as a vector of hydrophobic contaminants: Importance of hydrophobic additives. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 494-499	2.5	96
159	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	10.2	72
158	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	3.2	10
157	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	8.4	2

156	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	9.3	86
155	Characteristics of meso-sized plastic marine debris on 20 beaches in Korea. <i>Marine Pollution Bulletin</i> , 2017 , 123, 92-96	6.7	27
154	Endocrine disrupting potential of PAHs and their alkylated analogues associated with oil spills. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 1117-1125	4.3	28
153	Releasing of hexabromocyclododecanes from expanded polystyrenes in seawater -field and laboratory experiments. <i>Chemosphere</i> , 2017 , 185, 798-805	8.4	40
152	Long-Term Monitoring of PAH Contamination in Sediment and Recovery After the Hebei Spirit Oil Spill. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 73, 93-102	3.2	14
151	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	8.4	6
150	Identification methods in microplastic analysis: a review. <i>Analytical Methods</i> , 2017 , 9, 1384-1391	3.2	373
149	Identification and quantification of microplastics using Nile Red staining. <i>Marine Pollution Bulletin</i> , 2016 , 113, 469-476	6.7	220
148	Optimization and application of atmospheric pressure chemical and photoionization hydrogen-deuterium exchange mass spectrometry for speciation of oxygen-containing compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3281-93	4.4	15
147	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, 706-12	8.4	30
146	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		7
145	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, 281-8	6.7	11
144	Styrofoam Debris as a Source of Hazardous Additives for Marine Organisms. <i>Environmental Science & Technology</i> , 2016 , 50, 4951-60	10.3	119
143	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, 5972-80	10.3	21
142	Occurrence and Distribution of Microplastics in the Sea Surface Microlayer in Jinhae Bay, South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 279-87	3.2	136
141	Measured and predicted affinities of binding and relative potencies to activate the AhR of PAHs and their alkylated analogues. <i>Chemosphere</i> , 2015 , 139, 23-9	8.4	27
140	Structure-dependent degradation of polar compounds in weathered oils observed by atmospheric pressure photo-ionization hydrogen/deuterium exchange ultrahigh resolution mass spectrometry. <i>Journal of Hazardous Materials</i> , 2015 , 296, 93-100	12.8	27
139	DNA damage caused by organic extracts of contaminated sediment, crude, and weathered oil and their fractions recovered up to 5 years after the 2007 Hebei Spirit oil spill off Korea. <i>Marine Pollution Bulletin</i> , 2015 , 95, 452-7	6.7	9

138	Distribution of butyltins and alternative antifouling biocides in sediments from shipping and shipbuilding areas in South Korea. <i>Marine Pollution Bulletin</i> , 2015 , 95, 484-90	6.7	38
137	A comparison of microscopic and spectroscopic identification methods for analysis of microplastics in environmental samples. <i>Marine Pollution Bulletin</i> , 2015 , 93, 202-9	6.7	405
136	Abundance and Distribution Characteristics of Microplastics in Surface Seawaters of the Incheon/Kyeonggi Coastal Region. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 269-78	3.2	94
135	Differential Toxicokinetics Determines the Sensitivity of Two Marine Embryonic Fish Exposed to Iranian Heavy Crude Oil. <i>Environmental Science & Technology</i> , 2015 , 49, 13639-48	10.3	43
134	Potential Threat of Microplastics to Zooplanktivores in the Surface Waters of the Southern Sea of Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 340-51	3.2	56
133	Microplastics in the Ocean. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 265-8	3.2	92
132	Qualitative Analysis of Additives in Plastic Marine Debris and Its New Products. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 352-66	3.2	117
131	Distribution and Size Relationships of Plastic Marine Debris on Beaches in South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 69, 288-98	3.2	79
130	A practical review on photooxidation of crude oil: laboratory lamp setup and factors affecting it. <i>Water Research</i> , 2015 , 68, 304-15	12.5	42
129	Spatial and vertical distributions of sedimentary halogenated polycyclic aromatic hydrocarbons in moderately polluted areas of Asia. <i>Environmental Pollution</i> , 2015 , 196, 331-40	9.3	28
128	Enrichment of hexabromocyclododecanes in coastal sediments near aquaculture areas and a wastewater treatment plant in a semi-enclosed bay in South Korea. <i>Science of the Total Environment</i> , 2015 , 505, 290-8	10.2	58
127	Finding solutions for the styrofoam buoy debris problem through participatory workshops. <i>Marine Policy</i> , 2015 , 51, 182-189	3.5	23
126	Modeling the changes in the concentration of aromatic hydrocarbons from an oil-coated gravel column. <i>Ocean Science Journal</i> , 2015 , 50, 763-773	1.1	4
125	Marine neustonic microplastics around the southeastern coast of Korea. <i>Marine Pollution Bulletin</i> , 2015 , 96, 304-12	6.7	133
124	Stable isotope analysis of a newly established macrofaunal food web 1.5 years after the Hebei Spirit oil spill. <i>Marine Pollution Bulletin</i> , 2015 , 90, 167-80	6.7	7
123	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, 110-8	9.3	39
122	Short-Term Variation of the Macrobenthic Fauna Structure on Rocky Shores after the Hebei Spirit Oil Spill, West Coast of Korea. <i>Journal of Coastal Research</i> , 2015 , 31, 177	0.6	7
121	Molecular cloning and expression analysis of two lipopolysaccharide-induced TNF- α factors (LITAFs) from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2014 , 36, 467-74	4.3	12

120	Levels and profiles of persistent organic pollutants in resident and migratory birds from an urbanized coastal region of South Korea. <i>Science of the Total Environment</i> , 2014 , 470-471, 1463-70	10.2	30
119	Source- and region-specific distribution of polycyclic aromatic hydrocarbons in sediments from Jinhae Bay, Korea. <i>Science of the Total Environment</i> , 2014 , 470-471, 1485-93	10.2	34
118	Large accumulation of micro-sized synthetic polymer particles in the sea surface microlayer. <i>Environmental Science & Technology</i> , 2014 , 48, 9014-21	10.3	305
117	Naphthenic acids in coastal sediments after the Hebei Spirit oil spill: a potential indicator for oil contamination. <i>Environmental Science & Technology</i> , 2014 , 48, 4153-62	10.3	34
116	Prediction of ecotoxicity of heavy crude oil: contribution of measured components. <i>Environmental Science & Technology</i> , 2014 , 48, 2962-70	10.3	34
115	Combined effects of Iranian heavy crude oil and bacterial challenge (<i>Streptococcus iniae</i>) on biotransformation and innate immune responses in rockfish (<i>Sebastes schlegeli</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014 , 93, 199-203	2.7	7
114	Sources of plastic marine debris on beaches of Korea: More from the ocean than the land. <i>Ocean Science Journal</i> , 2014 , 49, 151-162	1.1	59
113	Congener-specific accumulation and environmental risk assessment of polybrominated diphenyl ethers in diverse Korean sewage sludge types. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7480-8	5.1	9
112	Molecular cloning, characterisation and expression of the translationally controlled tumor protein gene in rock bream (<i>Oplegnathus fasciatus</i>). <i>Genes and Genomics</i> , 2014 , 36, 565-572	2.1	
111	Temporal changes in TBT pollution in water, sediment, and oyster from Jinhae Bay after the total ban in South Korea. <i>Marine Pollution Bulletin</i> , 2014 , 86, 547-554	6.7	30
110	Environmental and ecological effects and recoveries after five years of the Hebei Spirit oil spill, Taean, Korea. <i>Ocean and Coastal Management</i> , 2014 , 102, 522-532	3.9	34
109	Assessment of TBT and organic booster biocide contamination in seawater from coastal areas of South Korea. <i>Marine Pollution Bulletin</i> , 2014 , 78, 201-8	6.7	50
108	Fish biological effect monitoring of chemical stressors using a generalized linear model in South Sea, Korea. <i>Marine Pollution Bulletin</i> , 2014 , 78, 230-4	6.7	2
107	Estimation of lost tourism revenue in Geoje Island from the 2011 marine debris pollution event in South Korea. <i>Marine Pollution Bulletin</i> , 2014 , 81, 49-54	6.7	149
106	Biochemical responses of juvenile rockfish (<i>Sebastes schlegeli</i>) to low levels of dissolved oxygen in Gamak Bay. <i>Ocean Science Journal</i> , 2014 , 49, 241-247	1.1	2
105	Integrative assessment of sediment quality in terms of chemical contamination in Jinhae Bay, South Korea. <i>Ocean Science Journal</i> , 2014 , 49, 265-278	1.1	11
104	Assessment of pollution and ecological risk of heavy metals in the surface sediments of Ulsan Bay, Korea. <i>Ocean Science Journal</i> , 2014 , 49, 279-289	1.1	30
103	Oil-suspended particulate matter aggregates: Formation mechanism and fate in the marine environment. <i>Ocean Science Journal</i> , 2014 , 49, 329-341	1.1	36

102	Sorption capacity of plastic debris for hydrophobic organic chemicals. <i>Science of the Total Environment</i> , 2014 , 470-471, 1545-52	10.2	303
101	Hexabromocyclododecane in polystyrene based consumer products: an evidence of unregulated use. <i>Chemosphere</i> , 2014 , 110, 111-9	8.4	95
100	Determination of Petroleum Aromatic Hydrocarbons in Seawater Using Headspace Solid-Phase Microextraction Coupled to Gas Chromatography/Mass Spectrometry. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2014 , 17, 27-35	0.4	2
99	Acute and chronic toxicity study of the water accommodated fraction (WAF), chemically enhanced WAF (CEWAF) of crude oil and dispersant in the rock pool copepod <i>Tigriopus japonicus</i> . <i>Chemosphere</i> , 2013 , 92, 1161-8	8.4	43
98	Distribution of small plastic debris in cross-section and high strandline on Heungnam beach, South Korea. <i>Ocean Science Journal</i> , 2013 , 48, 225-233	1.1	129
97	Effects of chemically enhanced water-accommodated fraction of Iranian heavy crude oil on periphytic microbial communities in microcosm experiment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 605-10	2.7	7
96	Expression of three novel cytochrome P450 (CYP) and antioxidative genes from the polychaete, <i>Perinereis nuntia</i> exposed to water accommodated fraction (WAF) of Iranian crude oil and benzo[a]pyrene. <i>Marine Environmental Research</i> , 2013 , 90, 75-84	3.3	30
95	Size-dependent effects of micro polystyrene particles in the marine copepod <i>Tigriopus japonicus</i> . <i>Environmental Science & Technology</i> , 2013 , 47, 11278-83	10.3	534
94	Geologically distinct crude oils cause a common cardiotoxicity syndrome in developing zebrafish. <i>Chemosphere</i> , 2013 , 91, 1146-55	8.4	86
93	Variations in sea surface temperatures based on alkenones in Korea Plateau sediments of the East Sea (Sea of Japan) over the last 300,000 years. <i>Journal of Asian Earth Sciences</i> , 2013 , 66, 140-149	2.8	6
92	Evaluation of biomarker potential of cytochrome P450 1A (CYP1A) gene in the marine medaka, <i>Oryzias melastigma</i> exposed to water-accommodated fractions (WAFs) of Iranian crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013 , 157, 172-82	3.2	17
91	Monitoring toxicity of polycyclic aromatic hydrocarbons in intertidal sediments for five years after the Hebei Spirit oil spill in Taean, Republic of Korea. <i>Marine Pollution Bulletin</i> , 2013 , 76, 241-9	6.7	34
90	The comparison of naturally weathered oil and artificially photo-degraded oil at the molecular level by a combination of SARA fractionation and FT-ICR MS. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 2, 404-11	12.8	45
89	Relationships among the abundances of plastic debris in different size classes on beaches in South Korea. <i>Marine Pollution Bulletin</i> , 2013 , 77, 349-54	6.7	234
88	Isotopic dilution determination of emerging flame retardants in marine sediments by HPLC-APCI-MS/MS. <i>Analytical Methods</i> , 2013 , 5, 1771	3.2	14
87	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, 758-68	12.5	51
86	Impacts of marine debris on wild animals in the coastal area of Korea. <i>Marine Pollution Bulletin</i> , 2013 , 66, 117-24	6.7	61
85	Mesocosm study on weathering characteristics of Iranian Heavy crude oil with and without dispersants. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 37-46	12.8	13

84	Acute toxic responses of the rockfish (<i>Sebastes schlegeli</i>) to Iranian heavy crude oil: feeding disrupts the biotransformation and innate immune systems. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 357-65	4.3	13
83	Initial impacts of the Hebei Spirit oil spill on the sandy beach macrobenthic community west coast of Korea. <i>Marine Pollution Bulletin</i> , 2013 , 70, 189-96	6.7	29
82	The Honolulu Strategy and Its Implication to Marine Debris Management in Korea. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2013 , 16, 143-150	0.4	1
81	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	2.4	19
80	Stronger impact of dispersant plus crude oil on natural plankton assemblages in short-term marine mesocosms. <i>Journal of Hazardous Materials</i> , 2012 , 217-218, 338-49	12.8	41
79	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, 1406-14	10.3	74
78	AhR-mediated potency of sediments and soils in estuarine and coastal areas of the Yellow Sea region: a comparison between Korea and China. <i>Environmental Pollution</i> , 2012 , 171, 216-25	9.3	41
77	Molecular characterization, expression, and functional analysis of two thioredoxins in the black rockfish (<i>Sebastes schlegelii</i>). <i>Fish and Shellfish Immunology</i> , 2012 , 32, 808-15	4.3	14
76	Spatial variability of biochemical responses in resident fish after the M/V Hebei Spirit Oil Spill (Taean, Korea). <i>Ocean Science Journal</i> , 2012 , 47, 209-214	1.1	28
75	Oil spill environmental forensics: the Hebei Spirit oil spill case. <i>Environmental Science & Technology</i> , 2012 , 46, 6431-7	10.3	93
74	Particle-size distribution of polycyclic aromatic hydrocarbons in urban road dust of Masan, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2012 , 63, 189-98	3.2	17
73	Multiple in vitro bioassay approach in sediment toxicity evaluation: Masan Bay, Korea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012 , 89, 32-7	2.7	15
72	Fingerprint and weathering characteristics of stranded oils after the Hebei Spirit oil spill. <i>Journal of Hazardous Materials</i> , 2011 , 197, 60-9	12.8	94
71	Biomarker responses in pelagic and benthic fish over 1 year following the Hebei Spirit oil spill (Taean, Korea). <i>Marine Pollution Bulletin</i> , 2011 , 62, 1859-66	6.7	70
70	Temporal and geographical trends in the genotoxic effects of marine sediments after accidental oil spill on the blood cells of striped beakperch (<i>Oplegnathus fasciatus</i>). <i>Marine Pollution Bulletin</i> , 2011 , 62, 2264-8	6.7	23
69	Polychlorinated biphenyls (PCBs) in a benthic ecosystem in Gwangyang Bay, South Korea. <i>Marine Pollution Bulletin</i> , 2011 , 62, 2863-8	6.7	13
68	Three decades of TBT contamination in sediments around a large scale shipyard. <i>Journal of Hazardous Materials</i> , 2011 , 192, 634-42	12.8	29
67	Status and trend of butyltin contamination in Masan Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2011 , 3, 46-53	1.9	10

66	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	1.1	16
65	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, 7481-8	10.3	57
64	First characterisation of the populations and immune-related activities of hemocytes from two edible gastropod species, the disk abalone, <i>Haliotis discus discus</i> and the spiny top shell, <i>Turbo cornutus</i> . <i>Fish and Shellfish Immunology</i> , 2010 , 28, 87-97	4.3	61
63	Hard/soft heterometallic network complex of a macrocycle with endo/exocyclic coordination. <i>Inorganic Chemistry</i> , 2010 , 49, 10241-3	5.1	33
62	Occurrence and spatial distribution of organic contaminants in sediments from Chinhae Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2010 , 2, 119-124	1.9	3
61	Initial recolonization of benthic fauna in defaunated sediment contaminated with octylphenol: Field microcosm exposure study. <i>Toxicology and Environmental Health Sciences</i> , 2010 , 2, 132-140	1.9	2
60	Dispersion of organic contaminants from wastewater treatment outfall in Masan Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2010 , 2, 200-206	1.9	6
59	Effects of crude oil on marine microbial communities in short term outdoor microcosms. <i>Journal of Microbiology</i> , 2010 , 48, 594-600	3	33
58	Understanding the accumulation features of POPs in squid from the offshore waters of southeast Korea. <i>Fisheries Science</i> , 2010 , 76, 325-331	1.9	2
57	Nonylphenol in bivalves and sediments in the northeast coast of China. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1735-40	6.4	19
56	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, 383-9	6.7	86
55	Temporal trend, spatial distribution, and terrestrial sources of PBDEs and PCBs in Masan Bay, Korea. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1836-41	6.7	67
54	Interrelationship of Pyrogenic Polycyclic Aromatic Hydrocarbon (PAH) Contamination in Different Environmental Media. <i>Sensors</i> , 2009 , 9, 9582-602	3.8	15
53	Persistent organochlorine pollutants in Korean offshore waters: squid (<i>Todarodes pacificus</i>) as a biomonitor. <i>Marine Pollution Bulletin</i> , 2009 , 58, 1238-1244	6.7	11
52	Biomarkers in marbled flounder (<i>Pleuronectes yokohamae</i>) from contaminated and reference sites in South Korea. <i>Marine Pollution Bulletin</i> , 2009 , 58, 1754-9	6.7	4
51	Assessment of sediment contamination by persistent organic pollutants in Gyeonggi Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2009 , 1, 56-63	1.9	12
50	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	1.9	4
49	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	1.9	1

48	Biochemical changes in rockfish, <i>Sebastes schlegeli</i> , exposed to dispersed crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009 , 150, 218-23	3.2	23
47	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	8.4	57
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