

Jong Seong Khim

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

8,289
citations

47006

47
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64796

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252
docs citations

252
times ranked

6919
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisited a sediment quality triad approach in the Korean coastal waters: Past research, current status, and future directions. <i>Environmental Pollution</i> , 2022, 292, 118262.	7.5	8
2	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.	8.0	10
3	Spatiotemporal variation and sources of soil heavy metals along the lower reaches of Yangtze River, China. <i>Chemosphere</i> , 2022, 291, 132768.	8.2	36
4	Green functionalization of clinoptilolite with MgO nano-platelets as adsorbent for different species of antibiotic residuals (levofloxacin, ciprofloxacin, and pefloxacin); equilibrium studies. <i>Separation Science and Technology</i> , 2022, 57, 1688-1701.	2.5	3
5	Meta-analysis of bio-based carbon materials for anaerobic digestion with direct interspecies electron transfer mechanism. <i>Materials Letters</i> , 2022, 310, 131485.	2.6	5
6	Biosynthesis and antimicrobial activity of aluminium oxide nanoparticles using <i>Lyngbya majuscula</i> extract. <i>Materials Letters</i> , 2022, 311, 131569.	2.6	16
7	Distributions and potential sources of traditional and emerging polycyclic aromatic hydrocarbons in sediments from the lower reach of the Yangtze River, China. <i>Science of the Total Environment</i> , 2022, 815, 152831.	8.0	10
8	Bio efficacy of synthesised silver nanoparticles using <i>Dicrocephala integrifolia</i> leaf extract and their insecticidal activity. <i>Materials Letters</i> , 2022, 314, 131860.	2.6	6
9	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.	12.4	5
10	A Review on the Removal Efficiency of Organic Materials in the Tidal Flats and Salt Marshes. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2022, 25, 18-28.	0.2	0
11	Range of the Biological Effects and Threshold Values on Marine Fish and Invertebrates by Underwater Noise. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2022, 25, 9-17.	0.2	1
12	Range of the Biological Effects and Threshold Concentrations on Marine Organisms by Suspended Solids. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2022, 25, 29-40.	0.2	0
13	Instrumental and bioanalytical characterization of dioxin-like activity in sediments from the Yeongsan River and the Nakdong River estuaries, South Korea. <i>Science of the Total Environment</i> , 2022, 826, 154240.	8.0	0
14	10 years long-term assessment on characterizing spatiotemporal trend and source apportionment of metal(loid)s in terrestrial soils along the west coast of South Korea. <i>Science of the Total Environment</i> , 2022, 826, 154214.	8.0	5
15	Perfluoroalkyl substances in marine food webs from South China Sea: Trophic transfer and human exposure implication. <i>Journal of Hazardous Materials</i> , 2022, 431, 128602.	12.4	29
16	The first national scale evaluation of total nitrogen stocks and burial rates of intertidal sediments along the entire coast of South Korea. <i>Science of the Total Environment</i> , 2022, 827, 154320.	8.0	3
17	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.	12.4	4
18	Best available technique for the recovery of marine benthic communities in a gravel shore after the oil spill: A mesocosm-based sediment triad assessment. <i>Journal of Hazardous Materials</i> , 2022, 435, 128945.	12.4	2

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19	A Study on the Evaluation Method of Impact of Suspended Solids and Threshold Concentration on Marine Life. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2022, 25, 88-102.	0.2	0
20	<i>Aurantiacibacter sediminis</i> sp. nov., a marine bacterium isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	4
21	A new species of <i>Fogedia</i> (Bacillariophyceae) from tidal flats of Northeast Asia. <i>Phytotaxa</i> , 2022, 554, 77-84.	0.3	0
22	Evaluation of ecotoxicological effects associated with coastal sediments of the Yellow Sea large marine ecosystem using the marine copepod <i>Tigriopus japonicus</i> . <i>Marine Pollution Bulletin</i> , 2022, 181, 113937.	5.0	0
23	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.	12.4	14
24	Perfluoroalkyl acids in rapidly developing coastal areas of China and South Korea: Spatiotemporal variation and source apportionment. <i>Science of the Total Environment</i> , 2021, 761, 143297.	8.0	31
25	Macrozoobenthic community responses to sedimentary contaminations by anthropogenic toxic substances in the Geum River Estuary, South Korea. <i>Science of the Total Environment</i> , 2021, 763, 142938.	8.0	3
26	Coastal ecosystem in East Asia: Pollution and management. <i>Environment International</i> , 2021, 149, 106185.	10.0	0
27	Environmental drivers affecting the bacterial community of intertidal sediments in the Yellow Sea. <i>Science of the Total Environment</i> , 2021, 755, 142726.	8.0	18
28	Microbial decomposition of soil organic matter determined by edaphic characteristics of mangrove forests in East Asia. <i>Science of the Total Environment</i> , 2021, 763, 142972.	8.0	14
29	Shift in polar benthic community structure in a fast retreating glacial area of Marian Cove, West Antarctica. <i>Scientific Reports</i> , 2021, 11, 241.	3.3	16
30	Stable isotope signatures reveal the significant contributions of microphytobenthos and saltmarsh-driven nutrition in the intertidal benthic food webs. <i>Science of the Total Environment</i> , 2021, 756, 144068.	8.0	12
31	DNA-based diversity assessment reveals a new coral barnacle, <i>Cantellius alveopora</i> sp. nov. (Balanomorpha: Pyrgomatidae) exclusively associated with the high latitude coral <i>Alveopora japonica</i> in the waters of southern Korea. <i>PeerJ</i> , 2021, 9, e11284.	2.0	2
32	Patterns, drivers and implications of ascidian distributions in a rapidly deglaciating fjord, King George Island, West Antarctic Peninsula. <i>Ecological Indicators</i> , 2021, 125, 107467.	6.3	10
33	<i>Novosphingobium aureum</i> sp. nov., a marine bacterium isolated from salt flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	10
34	Novel polar AhR-active chemicals detected in sediments of an industrial area using effect-directed analysis based on in vitro bioassays with full-scan high resolution mass spectrometric screening. <i>Science of the Total Environment</i> , 2021, 779, 146566.	8.0	15
35	Enhanced decontamination of pefloxacin and chlorpyrifos as organic pollutants using chitosan/diatomite composite as a multifunctional adsorbent; equilibrium studies. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 650-662.	2.4	3
36	Floral and Faunal Diversity in Sri Lankan Mangrove Forests: A Systematic Review. <i>Sustainability</i> , 2021, 13, 9487.	3.2	5

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37	Marine biodiversity in Korea: A review of macrozoobenthic assemblages, their distributions, and long-term community changes from human impacts. , 2021, , 483-532.		4
38	Recent advances in environmental DNA-based biodiversity assessment and conservation. Diversity and Distributions, 2021, 27, 1876-1879.	4.1	13
39	The influence of the composition of algal detritus on nematode assemblages. Regional Studies in Marine Science, 2021, 48, 102004.	0.7	0
40	Insight into β -cyclodextrin/diatomite hybrid structure as a potential carrier for ibuprofen drug molecules; equilibrium, release properties, and cytotoxicity. Journal of Sol-Gel Science and Technology, 2021, 100, 101-114.	2.4	3
41	Spatial distribution and source identification of traditional and emerging persistent toxic substances in the offshore sediment of South Korea. Science of the Total Environment, 2021, 789, 147996.	8.0	11
42	First comprehensive ecological checklist of Brachyura in Korea: 1879–2020. Marine Pollution Bulletin, 2021, 171, 112742.	5.0	3
43	Spatiotemporal variation of extracellular polymeric substances (EPS) associated with the microphytobenthos of tidal flats in the Yellow Sea. Marine Pollution Bulletin, 2021, 171, 112780.	5.0	5
44	Large-scale sediment toxicity assessment over the 15,000 km of coastline in the Yellow and Bohai seas, East Asia. Science of the Total Environment, 2021, 792, 148371.	8.0	13
45	The first national scale evaluation of organic carbon stocks and sequestration rates of coastal sediments along the West Sea, South Sea, and East Sea of South Korea. Science of the Total Environment, 2021, 793, 148568.	8.0	24
46	Occurrence, distribution and affecting factors of microplastics in agricultural soils along the lower reaches of Yangtze River, China. Science of the Total Environment, 2021, 794, 148694.	8.0	105
47	Blue economy and the total environment: Mapping the interface. Environment International, 2021, 157, 106796.	10.0	8
48	Comparative Genomics and Transcriptomics Depict Marine Algicolous Arthrionium Species as Endosymbionts That Help Regulate Oxidative Stress in Brown Algae. Frontiers in Marine Science, 2021, 8, .	2.5	4
49	Two new species of Tigriopus Norman, 1869 from Chonburi Province, Thailand (Crustacea: Copepoda:) TJ ETQq1 1 0.784314 0.5 0.5 BT /OV		
50	Insight into the Technical Qualification of the Sonocogreen CaO/Clinoptilolite Nanocomposite (CaO_{NP}/Clino) as an Advanced Delivery System for 5-Fluorouracil: Equilibrium and Cytotoxicity. ACS Omega, 2021, 6, 31982-31992.	3.5	2
51	Effects of Underwater Noise Pollution on Lateolabrax japonicus. Journal of the Korean Society for Marine Environment & Energy, 2021, 24, 274-281.	0.2	0
52	A Review on Marine Environmental Impact Assessment for Offshore Wind Farm: Status, Issue, and Future Direction. Journal of the Korean Society for Marine Environment & Energy, 2021, 24, 201-209.	0.2	3
53	Altererythro bacter lutimaris sp. nov., a marine bacterium isolated from a tidal flat and reclassification of Altererythro bacter deserti, Altererythro bacter estronivorus and Altererythro bacter muriae as Tsuneonella deserti comb. nov., Croceicoccus estronivorus comb. nov. and Alteripontixanthobacter muriae comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	20
54	Optimizing mangrove conservation efforts with improved understanding of phytosociology-ecology synergy in Sri Lanka. Journal of Marine and Island Cultures, 2021, 10, .	0.2	0

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55	Rapid recovery of coastal environment and ecosystem to the Hebei Spirit oil spill's impact. <i>Environment International</i> , 2020, 136, 105438.	10.0	24
56	Anthropogenic impacts on the contamination of pharmaceuticals and personal care products (PPCPs) in the coastal environments of the Yellow and Bohai seas. <i>Environment International</i> , 2020, 135, 105306.	10.0	99
57	Microbial mechanism for enhanced methane emission in deep soil layer of <i>Phragmites</i> -introduced tidal marsh. <i>Environment International</i> , 2020, 134, 105251.	10.0	17
58	Recovery of the benthic bacterial community in coastal abandoned saltern requires over 35 years: A comparative case study in the Yellow Sea. <i>Environment International</i> , 2020, 135, 105412.	10.0	11
59	Spatiotemporal variability in microphytobenthic primary production across bare intertidal flat, saltmarsh, and mangrove forest of Asia and Australia. <i>Marine Pollution Bulletin</i> , 2020, 151, 110707.	5.0	16
60	Natural and anthropogenic impacts on long-term meiobenthic communities in two contrasting nearshore habitats. <i>Environment International</i> , 2020, 134, 105200.	10.0	13
61	Current contamination status of traditional and emerging persistent toxic substances in the sediments of Ulsan Bay, South Korea. <i>Marine Pollution Bulletin</i> , 2020, 160, 111560.	5.0	14
62	Characteristics of long-term changes in microbial communities from contaminated sediments along the west coast of South Korea: Ecological assessment with eDNA and physicochemical analyses. <i>Marine Pollution Bulletin</i> , 2020, 160, 111592.	5.0	11
63	Influence of ligand's directional configuration, chrysenes as model compounds, on the binding activity with aryl hydrocarbon receptor. <i>Scientific Reports</i> , 2020, 10, 13821.	3.3	3
64	Response to oiled wildlife in the management and evaluation of marine oil spills in South Korea: A review. <i>Regional Studies in Marine Science</i> , 2020, 40, 101542.	0.7	6
65	Natural purification capacity of tidal flats for organic matters and nutrients: A mesocosm study. <i>Marine Pollution Bulletin</i> , 2020, 154, 111046.	5.0	10
66	A long-term ecological monitoring of subtidal macrozoobenthos around Dokdo waters, East Sea, Korea. <i>Marine Pollution Bulletin</i> , 2020, 156, 111226.	5.0	2
67	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.	10.0	31
68	Long-term trends of persistent toxic substances and potential toxicities in sediments along the west coast of South Korea. <i>Marine Pollution Bulletin</i> , 2020, 151, 110821.	5.0	10
69	Integrated assessment of west coast of South Korea by use of benthic bacterial community structure as determined by eDNA, concentrations of contaminants, and in vitro bioassays. <i>Environment International</i> , 2020, 137, 105569.	10.0	5
70	The Blue Economy and the United Nations' sustainable development goals: Challenges and opportunities. <i>Environment International</i> , 2020, 137, 105528.	10.0	163
71	Ecological risk assessment of heavy metals in sediments and water from the coastal areas of the Bohai Sea and the Yellow Sea. <i>Environment International</i> , 2020, 136, 105512.	10.0	152
72	Accumulation and ecological risk of heavy metals in soils along the coastal areas of the Bohai Sea and the Yellow Sea: A comparative study of China and South Korea. <i>Environment International</i> , 2020, 137, 105519.	10.0	92

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73	Influence of tidal forcings on microphytobenthic resuspension dynamics and sediment fluxes in a disturbed coastal environment. <i>Environment International</i> , 2020, 139, 105743.	10.0	7
74	Effects of polluted and non-polluted suspended sediments on the oxygen consumption rate of olive flounder, <i>Paralichthys olivaceus</i> . <i>Marine Pollution Bulletin</i> , 2020, 154, 111113.	5.0	4
75	Large-scale monitoring and ecological risk assessment of persistent toxic substances in riverine, estuarine, and coastal sediments of the Yellow and Bohai seas. <i>Environment International</i> , 2020, 137, 105517.	10.0	31
76	<i>Muricauda ochracea</i> sp. nov., isolated from a tidal flat in the Republic of Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4555-4561.	1.7	11
77	<i>Marinobacter halodurans</i> sp. nov., a halophilic bacterium isolated from sediment of a salt flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6294-6300.	1.7	12
78	Shift in benthic diatom community structure and salinity thresholds in a hypersaline environment of solar saltern, Korea. <i>Algae</i> , 2020, 35, 361-373.	2.3	7
79	Distributions of Persistent Toxic Substances and Potential Toxicities in Sediments of Geumho River, Korea. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2020, 23, 97-107.	0.2	0
80	A New Species of Xouthous Thomson (Copepoda: Harpacticoida: Pseudotachidiidae), Widely Distributed in the Korean Waters. <i>Annales Zoologici</i> , 2020, 70, .	0.8	3
81	Anthropogenic influences on benthic food web dynamics by interrupted freshwater discharge in a closed Geum River estuary, Korea. <i>Environment International</i> , 2019, 131, 104981.	10.0	15
82	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.	10.0	47
83	Carbon and nitrogen stable isotope signatures linked to anthropogenic toxic substances pollution in a highly industrialized area of South Korea. <i>Marine Pollution Bulletin</i> , 2019, 144, 152-159.	5.0	30
84	Multimedia distributions, bioaccumulation, and trophic transfer of microcystins in the Geum River Estuary, Korea: Application of compound-specific isotope analysis of amino acids. <i>Environment International</i> , 2019, 133, 105194.	10.0	21
85	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.	10.0	25
86	Multiple evaluation of the potential toxic effects of sediments and biota collected from an oil-polluted area around Abu Ali Island, Saudi Arabia, Arabian Gulf. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109547.	6.0	9
87	Natural and anthropogenic signatures on sedimentary organic matters across varying intertidal habitats in the Korean waters. <i>Environment International</i> , 2019, 133, 105166.	10.0	33
88	Occurrence and bioaccumulation of persistent toxic substances in sediments and biota from intertidal zone of Abu Ali Island, Arabian Gulf. <i>Marine Pollution Bulletin</i> , 2019, 144, 243-252.	5.0	11
89	Comparative evaluation of bioremediation techniques on oil contaminated sediments in long-term recovery of benthic community health. <i>Environmental Pollution</i> , 2019, 252, 137-145.	7.5	8
90	Importance of functional diversity in assessing the recovery of the microbial community after the Hebei Spirit oil spill in Korea. <i>Environment International</i> , 2019, 128, 89-94.	10.0	35

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91	Coastal ecosystem in East Asia: Pollution and management. <i>Environmental Pollution</i> , 2019, 251, 990-992.	7.5	0
92	Evaluation of residual toxicity of hypochlorite-treated water using bioluminescent microbes and microalgae: Implications for ballast water management. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 130-137.	6.0	13
93	<i>Gemmobacter lutimaris</i> sp. nov., a marine bacterium isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1676-1681.	1.7	19
94	<i>Serinicoccus sediminis</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1998-2003.	1.7	5
95	Two new Asian species of the genus <i>Scottolana</i> Huys, 2009 (Copepoda: Canuelloida: Canuellidae). <i>Journal of Natural History</i> , 2018, 52, 377-403.	0.5	1
96	Importance of accurate trophic level determination by nitrogen isotope of amino acids for trophic magnification studies: A review. <i>Environmental Pollution</i> , 2018, 238, 677-690.	7.5	41
97	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018, 238, 739-748.	7.5	47
98	Microbial community composition and PAHs removal potential of indigenous bacteria in oil contaminated sediment of Taean coast, Korea. <i>Environmental Pollution</i> , 2018, 234, 503-512.	7.5	111
99	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.	5.0	10
100	Integrated assessment of persistent toxic substances in sediments from Masan Bay, South Korea: Comparison between 1998 and 2014. <i>Environmental Pollution</i> , 2018, 238, 317-325.	7.5	23
101	Arsenic speciation in environmental multimedia samples from the Youngsan River Estuary, Korea: A comparison between freshwater and saltwater. <i>Environmental Pollution</i> , 2018, 237, 842-850.	7.5	33
102	Analysis of forty years long changes in coastal land use and land cover of the Yellow Sea: The gains or losses in ecosystem services. <i>Environmental Pollution</i> , 2018, 241, 74-84.	7.5	55
103	Biosurfactant-assisted bioremediation of crude oil by indigenous bacteria isolated from Taean beach sediment. <i>Environmental Pollution</i> , 2018, 241, 254-264.	7.5	128
104	Potential ecotoxicological effects of elevated bicarbonate ion concentrations on marine organisms. <i>Environmental Pollution</i> , 2018, 241, 194-199.	7.5	5
105	A comparative review and analysis of tentative ecological quality objectives (EcoQOs) for protection of marine environments in Korea and China. <i>Environmental Pollution</i> , 2018, 242, 2027-2039.	7.5	19
106	Rainfall effects on the erodibility of sediment and microphytobenthos in the intertidal flat. <i>Environmental Pollution</i> , 2018, 242, 2051-2058.	7.5	13
107	Chemical-, site-, and taxa-dependent benthic community health in coastal areas of the Bohai Sea and northern Yellow Sea: A sediment quality triad approach. <i>Science of the Total Environment</i> , 2018, 645, 743-752.	8.0	29
108	Bioaccumulation of trace metals in octocorals depends on age and tissue compartmentalization. <i>PLoS ONE</i> , 2018, 13, e0196222.	2.5	6

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109	Development of temperature-based algorithms for the estimation of microphytobenthic primary production in a tidal flat: A case study in Daebu mudflat, Korea. <i>Environmental Pollution</i> , 2018, 241, 115-123.	7.5	13
110	Sub-lethal and lethal toxicities of elevated CO ₂ on embryonic, juvenile, and adult stages of marine medaka <i>Oryzias melastigma</i> . <i>Environmental Pollution</i> , 2018, 241, 586-595.	7.5	13
111	Bioaccumulation of Polycyclic Aromatic Hydrocarbons (PAHs) by the Marine Clam, <i>Macrura veneriformis</i> , Chronically Exposed to Oil-Suspended Particulate Matter Aggregates. <i>Environmental Science & Technology</i> , 2018, 52, 7910-7920.	10.0	26
112	Spatiotemporal variations in macrofaunal assemblages linked to site-specific environmental factors in two contrasting nearshore habitats. <i>Environmental Pollution</i> , 2018, 241, 596-606.	7.5	15
113	The morphology and molecular phylogenetics of some marine diatom taxa within the Fragilariaceae, including twenty undescribed species and their relationship to <i>Nanofrustulum</i> , <i>Opephora</i> and <i>Pseudostaurosira</i> . <i>Phytotaxa</i> , 2018, 355, 1.	0.3	35
114	<i>Zobellella maritima</i> sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium, isolated from beach sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2279-2284.	1.7	10
115	<i>Oceanimonas marisflavi</i> sp. nov., a polycyclic aromatic hydrocarbon-degrading marine bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2990-2995.	1.7	13
116	<i>Blastococcus litoris</i> sp. nov., isolated from sea-tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3435-3440.	1.7	13
117	Optimal Environmental Monitoring System for Ecosystem Assessment in the Geum River Estuary, Korea. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2018, 21, 334-350.	0.2	2
118	<i>Maribacter litoralis</i> sp. nov. a marine bacterium isolated from seashore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3471-3478.	1.7	8
119	Identification of genotoxic compounds in crude oil using fractionation according to distillation, polarity and Kow. <i>Marine Pollution Bulletin</i> , 2017, 114, 1159-1163.	5.0	3
120	Distributions of persistent organic contaminants in sediments and their potential impact on macrobenthic faunal community of the Geum River Estuary and Saemangeum Coast, Korea. <i>Chemosphere</i> , 2017, 173, 216-226.	8.2	26
121	Spatiotemporal distributions of butyltin compounds in various intertidal organisms along the Samcheok and Tongyeong coasts of Korea. <i>Chemosphere</i> , 2017, 172, 268-277.	8.2	14
122	Distribution characteristics of the fish assemblages to varying environmental conditions in artificial reefs of the Jeju Island, Korea. <i>Marine Pollution Bulletin</i> , 2017, 118, 388-396.	5.0	21
123	Identification of sources and seasonal variability of organic matter in Lake Sihwa and surrounding inland creeks, South Korea. <i>Chemosphere</i> , 2017, 177, 109-119.	8.2	24
124	Biodiversity hotspot for marine invertebrates around the Dokdo, East Sea, Korea: Ecological checklist revisited. <i>Marine Pollution Bulletin</i> , 2017, 119, 162-170.	5.0	15
125	Long-term changes in distributions of dioxin-like and estrogenic compounds in sediments of Lake Sihwa, Korea: Revisited mass balance. <i>Chemosphere</i> , 2017, 181, 767-777.	8.2	29
126	Seasonal variability of estuarine dynamics due to freshwater discharge and its influence on biological productivity in Yeongsan River Estuary, Korea. <i>Chemosphere</i> , 2017, 181, 390-399.	8.2	20

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127	The Yellow Sea ecosystem: Pollution, ecosystem threats, and environmental health. <i>Chemosphere</i> , 2017, 182, 794-796.	8.2	6
128	Remote sensing and water quality indicators in the Korean West coast: Spatio-temporal structures of MODIS-derived chlorophyll-a and total suspended solids. <i>Marine Pollution Bulletin</i> , 2017, 121, 425-434.	5.0	62
129	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.	8.2	4
130	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. <i>Chemosphere</i> , 2017, 172, 166-174.	8.2	31
131	Traditional and new POPs in environments along the Bohai and Yellow Seas: An overview of China and South Korea. <i>Chemosphere</i> , 2017, 169, 503-515.	8.2	82
132	Impacts of environmental and anthropogenic stresses on macrozoobenthic communities in Jinhae Bay, Korea. <i>Chemosphere</i> , 2017, 171, 681-691.	8.2	21
133	Towards a multigene phylogeny of the Cymatosiraceae (Bacillariophyta, Mediophyceae) I: novel taxa within the subfamily cymatosiroideae based on molecular and morphological data. <i>Journal of Phycology</i> , 2017, 53, 342-360.	2.3	14
134	Endocrine disrupting potential of PAHs and their alkylated analogues associated with oil spills. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1117-1125.	3.5	38
135	Environmental Impacts and Recovery After the Hebei Spirit Oil Spill in Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 47-54.	4.1	36
136	Assessment of potential biological activities and distributions of endocrine-disrupting chemicals in sediments of the west coast of South Korea. <i>Chemosphere</i> , 2017, 168, 441-449.	8.2	20
137	Hard science is essential to restoring soft-sediment intertidal habitats in burgeoning East Asia. <i>Chemosphere</i> , 2017, 168, 765-776.	8.2	32
138	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.	8.2	6
139	<i>Commiphora molmol</i> Modulates Glutamate-Nitric Oxide-cGMP and Nrf2/ARE/HO-1 Pathways and Attenuates Oxidative Stress and Hematological Alterations in Hyperammonemic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	15
140	<i>Nocardioides litoris</i> sp. nov., isolated from the Taean seashore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2332-2336.	1.7	9
141	<i>Echinicola sediminis</i> sp. nov., a marine bacterium isolated from coastal sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3351-3357.	1.7	17
142	Persistent Toxic Substances in Sediments of Korean Coastal Waters: A Review. <i>ACS Symposium Series</i> , 2016, , 155-191.	0.5	0
143	Temporal Trends of Persistent Toxic Substances and Benthic Community Responses in Special Management Areas of Korea: The Masan Bay and Lake Sihwa Cases. <i>ACS Symposium Series</i> , 2016, , 103-126.	0.5	1
144	The identity of <i>Berkeleya scopulorum</i> ™ from Northeast Asia: Report on <i>Climaconeis mabikii</i> sp. nov. from temperate marine waters with notes on biogeography of the genus. <i>Ocean Science Journal</i> , 2016, 51, 591-598.	1.3	2

#	ARTICLE	IF	CITATIONS
145	Effect-directed analysis: Current status and future challenges. <i>Ocean Science Journal</i> , 2016, 51, 413-433.	1.3	31
146	Are styrene oligomers in coastal sediments of an industrial area aryl hydrocarbon-receptor agonists?. <i>Environmental Pollution</i> , 2016, 213, 913-921.	7.5	49
147	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.	10.0	27
148	Temporal dynamics and spatial heterogeneity of microalgal biomass in recently reclaimed intertidal flats of the Saemangeum area, Korea. <i>Journal of Sea Research</i> , 2016, 116, 1-11.	1.6	13
149	Burrowing mayfly <i>Ephemera orientalis</i> (Ephemeroptera: Ephemeridae) as a new test species for pesticide toxicity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18766-18776.	5.3	2
150	Lethal and sub-lethal effects of elevated CO ₂ concentrations on marine benthic invertebrates and fish. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14945-14956.	5.3	14
151	Arsenic speciation in water, suspended particles, and coastal organisms from the Taehwa River Estuary of South Korea. <i>Marine Pollution Bulletin</i> , 2016, 108, 155-162.	5.0	28
152	Performance evaluation and validation of ecological indices toward site-specific application for varying benthic conditions in Korean coasts. <i>Science of the Total Environment</i> , 2016, 541, 1161-1171.	8.0	17
153	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.	8.2	39
154	Description of a new species of the genus <i>Pelidion</i> Philippi, 1839 from southern Korea (Copepoda, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 0.7 2	0.7	2
155	Distribution and bioaccumulation of lead in the coastal watersheds of the Northern Bohai and Yellow Seas in China. <i>Environmental Geochemistry and Health</i> , 2015, 37, 491-506.	3.4	11
156	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.	7.5	43
157	A review of sources, multimedia distribution and health risks of perfluoroalkyl acids (PFAAs) in China. <i>Chemosphere</i> , 2015, 129, 87-99.	8.2	207
158	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.	8.2	28
159	A review of naupliar development within the Harpacticidae, with naupliar description of <i>Zaus wonchoelleei</i> Kangtia, Dahms, Song, Myoung, Park & Khim, 2014 (Copepoda, Harpacticoida). <i>Crustaceana</i> , 2015, 88, 449-465.	0.3	0
160	Bioaccumulation characteristics of perfluoroalkyl acids (PFAAs) in coastal organisms from the west coast of South Korea. <i>Chemosphere</i> , 2015, 129, 157-163.	8.2	89
161	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, 452-457.	5.0	11
162	On the occurrence of a new species of benthic copepod, <i>Zaus wonchoelleei</i> (Harpacticoida, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 0.3 3 of Washington, 2015, 127, 585-602.	0.3	3

#	ARTICLE	IF	CITATIONS
163	Large-scale monitoring and assessment of metal contamination in surface water of the Selenga River Basin (2007–2009). <i>Environmental Science and Pollution Research</i> , 2015, 22, 2856-2867.	5.3	39
164	Multiple Implications of the Restoration of Coastal Wetland Ecosystem and the Establishment of a Strategic Restoration Framework. <i>Ocean and Polar Research</i> , 2015, 37, 211-223.	0.3	5
165	A comprehensive model for chemical bioavailability and toxicity of organic chemicals based on first principles. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	9
166	Microphytobenthos of Korean tidal flats: A review and analysis on floral distribution and tidal dynamics. <i>Ocean and Coastal Management</i> , 2014, 102, 471-482.	4.4	22
167	The Relationship between Primary Production of Microphytobenthos and Tidal Cycle on the Hwaseong Mudflat, West Coast of Korea. <i>Journal of Coastal Research</i> , 2014, 298, 1188-1196.	0.3	11
168	The Korean tidal flat of the Yellow Sea: Physical setting, ecosystem and management. <i>Ocean and Coastal Management</i> , 2014, 102, 398-414.	4.4	85
169	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.	8.0	26
170	Naphthenic Acids in Coastal Sediments after the Hebei Spirit Oil Spill: A Potential Indicator for Oil Contamination. <i>Environmental Science & Technology</i> , 2014, 48, 4153-4162.	10.0	43
171	The Saemangeum tidal flat: Long-term environmental and ecological changes in marine benthic flora and fauna in relation to the embankment. <i>Ocean and Coastal Management</i> , 2014, 102, 559-571.	4.4	32
172	Macrozoobenthos of Korean tidal flats: A review on species assemblages and distribution. <i>Ocean and Coastal Management</i> , 2014, 102, 483-492.	4.4	13
173	Assessment of trace pollutants in Korean coastal sediments using the triad approach: A review. <i>Science of the Total Environment</i> , 2014, 470-471, 1450-1462.	8.0	39
174	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.	8.0	18
175	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.	4.4	42
176	Environmental and ecological effects of Lake Shihwa reclamation project in South Korea: A review. <i>Ocean and Coastal Management</i> , 2014, 102, 545-558.	4.4	63
177	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.	7.5	41
178	Historical trends of inorganic and organic fluorine in sediments of Lake Michigan. <i>Chemosphere</i> , 2014, 114, 203-209.	8.2	73
179	A new species of <i>Paracrenhydrosoma</i> (Copepoda: Harpacticoida: Cletodidae) from a subtidal muddy bottom of southern Korea, with a key to the species of <i>Acrenhydrosoma</i> -complex. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 981-991.	0.8	4
180	Revised relative potency values for PCDDs, PCDFs, and non-ortho-substituted PCBs for the optimized H4IIe-luc in vitro bioassay. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8590-8599.	5.3	37

#	ARTICLE	IF	CITATIONS
181	An emended description of the genus <i>Fogedia</i> (Bacillariophyceae) with reports of four species new to science from a Korean sand flat. <i>Phycologia</i> , 2013, 52, 437-446.	1.4	6
182	Distributions and bioconcentration characteristics of perfluorinated compounds in environmental samples collected from the west coast of Korea. <i>Chemosphere</i> , 2013, 90, 387-394.	8.2	114
183	In situ fate and partitioning of waterborne perfluoroalkyl acids (PFAAs) in the Youngsan and Nakdong River Estuaries of South Korea. <i>Science of the Total Environment</i> , 2013, 445-446, 136-145.	8.0	80
184	Polycyclic aromatic hydrocarbons in soils along the coastal and estuarine areas of the northern Bohai and Yellow Seas, China. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8185-8195.	2.7	26
185	Environmental concentrations and bioaccumulations of cadmium and zinc in coastal watersheds along the Chinese Northern Bohai and Yellow Seas. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 831-840.	4.3	22
186	A review of <i>Leptocaris</i> including a description of <i>L. ryukyuensis</i> sp. nov. (Copepoda: Harpacticoida: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 1073-1081.	0.8	5
187	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.	10.0	77
188	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, 216-225.	7.5	45
189	Perfluorinated compounds in surface waters from Northern China: Comparison to level of industrialization. <i>Environment International</i> , 2012, 42, 37-46.	10.0	120
190	Short-term variability of microphytobenthic primary production associated with in situ diel and tidal conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 112, 236-242.	2.1	15
191	Perfluorinated compounds in a coastal industrial area of Tianjin, China. <i>Environmental Geochemistry and Health</i> , 2012, 34, 301-311.	3.4	41
192	PAHs in surface sediments from coastal and estuarine areas of the northern Bohai and Yellow Seas, China. <i>Environmental Geochemistry and Health</i> , 2012, 34, 445-456.	3.4	50
193	DESCRIPTION OF A NEW NAVICULOID DIATOM GENUS <i>MORENEIS</i> GEN. NOV. (BACILLARIOPHYCEAE) FROM SAND FLATS IN KOREA. <i>Journal of Phycology</i> , 2012, 48, 186-195.	2.3	5
194	Improved water quality in response to pollution control measures at Masan Bay, Korea. <i>Marine Pollution Bulletin</i> , 2012, 64, 427-435.	5.0	40
195	Mercury in coastal watersheds along the Chinese Northern Bohai and Yellow Seas. <i>Journal of Hazardous Materials</i> , 2012, 215-216, 199-207.	12.4	32
196	Perfluorinated compounds in water and sediment from coastal regions of the northern Bohai Sea, China. <i>Chemistry and Ecology</i> , 2011, 27, 165-176.	1.6	35
197	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.	10.0	64
198	Environmentally associated spatial changes of a macrozoobenthic community in the Saemangeum tidal flat, Korea. <i>Journal of Sea Research</i> , 2011, 65, 390-400.	1.6	30

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199	Perfluorinated compounds in estuarine and coastal areas of north Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2011, 62, 1905-1914.	5.0	95
200	Sources and distribution of polychlorinated-dibenzo-p-dioxins and -dibenzofurans in soil and sediment from the Yellow Sea region of China and Korea. <i>Environmental Pollution</i> , 2011, 159, 907-917.	7.5	34
201	The impact of heavy metal pollution gradients in sediments on benthic macrofauna at population and community levels. <i>Environmental Pollution</i> , 2011, 159, 2622-2629.	7.5	86
202	Prediction of macrozoobenthic species distribution in the Korean Saemangeum tidal flat based on a logistic regression model of environmental parameters. <i>Ecological Research</i> , 2011, 26, 659-668.	1.5	10
203	Perfluorinated Compounds in Water, Sediment and Soil from Guanting Reservoir, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 74-79.	2.7	68
204	Integrated assessment of trace pollutants associated with the Korean coastal environment: Exemplified from the sediment TIE and triad approaches. <i>Toxicology and Environmental Health Sciences</i> , 2011, 3, 59-68.	2.1	2
205	Postembryonic development of <i>Amenophia orientalis</i> (Copepoda, Harpacticoida), with a review of thalestridomorph development. <i>Proceedings of the Biological Society of Washington</i> , 2011, 124, 341-357.	0.3	3
206	Perfluorinated Compounds in Aquatic Products from Bohai Bay, Tianjin, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011, 17, 1279-1291.	3.4	17
207	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.	2.1	2
208	HCH and DDT in Sediments from Marine and Adjacent Riverine Areas of North Bohai Sea, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 71-79.	4.1	41
209	Ecological risk assessment of arsenic and metals in sediments of coastal areas of northern Bohai and Yellow Seas, China. <i>Ambio</i> , 2010, 39, 367-375.	5.5	120
210	Bioaccumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in fishes from the Tittabawassee and Saginaw Rivers, Michigan, USA. <i>Science of the Total Environment</i> , 2010, 408, 2394-2401.	8.0	36
211	Perfluorinated compounds in water, sediment, soil and biota from estuarine and coastal areas of Korea. <i>Environmental Pollution</i> , 2010, 158, 1237-1244.	7.5	218
212	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.	12.4	60
213	Designation processes for marine protected areas in the coastal wetlands of South Korea. <i>Ocean and Coastal Management</i> , 2010, 53, 703-710.	4.4	15
214	Organochlorine pesticides (HCHs and DDTs) in soils along the north coastal areas of the Bohai Sea, China. <i>Chemistry and Ecology</i> , 2010, 26, 339-352.	1.6	14
215	Hydroxylated Polybrominated Diphenyl Ethers and Bisphenol A in Pregnant Women and Their Matching Fetuses: Placental Transfer and Potential Risks. <i>Environmental Science & Technology</i> , 2010, 44, 5233-5239.	10.0	143
216	Contribution of Synthetic and Naturally Occurring Organobromine Compounds to Bromine Mass in Marine Organisms. <i>Environmental Science & Technology</i> , 2010, 44, 6068-6073.	10.0	43

#	ARTICLE	IF	CITATIONS
217	Seasonal variability of community structure and breeding activity in marine phytal harpacticoid copepods on <i>Ulva pertusa</i> from Pohang, east coast of Korea. <i>Journal of Sea Research</i> , 2010, 63, 1-10.	1.6	16
218	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 256-264.	4.0	234
219	Standard purity and response factors of perfluorinated compounds. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1219-1232.	1.2	8
220	Aquatic Toxicology of Perfluorinated Chemicals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2010, 202, 1-52.	1.3	130
221	Perfluoroalkyl Acids in Marine Organisms from Lake Shihwa, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 552-560.	4.1	61
222	Relative Potencies of Individual Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons for Induction of Aryl Hydrocarbon Receptor-Mediated Responses. <i>Environmental Science & Technology</i> , 2009, 43, 2159-2165.	10.0	101
223	Nondestructive Scat Sampling in Assessment of Mink (<i>Mustela vison</i>) Exposed to Polychlorinated Dibenzofurans (PCDFs). <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 529-537.	4.1	3
224	Exposure and effects assessment of resident mink (<i>Mustela vison</i>) exposed to polychlorinated dibenzofurans and other dioxin-like compounds in the Tittabawassee River basin, Midland, Michigan, USA. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2076-2087.	4.3	18
225	Toxicokinetics Of 2,3,7,8-TCDF and 2,3,4,7,8-PeCDF in Mink (<i>Mustela vison</i>) at Ecologically Relevant Exposures. <i>Toxicological Sciences</i> , 2008, 105, 33-43.	3.1	16
226	Chapter 2 Emission, Contamination and Exposure, Fate and Transport, and National Management Strategy of Persistent Organic Pollutants in South Korea. <i>Developments in Environmental Science</i> , 2007, 7, 31-157.	0.5	23
227	Within-day and seasonal patterns of microphytobenthos biomass determined by co-measurement of sediment and water column chlorophylls in the intertidal mudflat of Nanaura, Saga, Ariake Sea, Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 42-52.	2.1	33
228	Receptor-mediated in vitro bioassay for characterization of Ah-R-active compounds and activities in sediment from Korea. <i>Chemosphere</i> , 2006, 62, 1261-1271.	8.2	27
229	Characterization of trace organic contaminants in marine sediment from Yeongil Bay, Korea: 1. Instrumental analyses. <i>Environmental Pollution</i> , 2006, 142, 39-47.	7.5	74
230	Characterization of trace organic contaminants in marine sediment from Yeongil Bay, Korea: 2. Dioxin-like and estrogenic activities. <i>Environmental Pollution</i> , 2006, 142, 48-57.	7.5	24
231	PERFLUORINATED COMPOUNDS IN STREAMS OF THE SHIHWA INDUSTRIAL ZONE AND LAKE SHIHWA, SOUTH KOREA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2374.	4.3	135
232	Tidal resuspension of microphytobenthic chlorophyll a in a Nanaura mudflat, Saga, Ariake Sea, Japan: flood-ebb and spring-neap variations. <i>Marine Ecology - Progress Series</i> , 2006, 312, 85-100.	1.9	58
233	Instrumental and bioanalytical measures of dioxin-like and estrogenic compounds and activities associated with sediment from the Korean coast. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 366-379.	6.0	53
234	Polychlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs), biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) and 2,3,7,8-TCDD equivalents (TEQs) in sediment from the Hyeongsan River, Korea. <i>Environmental Pollution</i> , 2004, 132, 489-501.	7.5	140

#	ARTICLE	IF	CITATIONS
235	Polychlorinated biphenyls, polycyclic aromatic hydrocarbons and alkylphenols in sediments from the Odra River and its tributaries, Poland. <i>Toxicological and Environmental Chemistry</i> , 2003, 85, 51-60.	1.2	23
236	Analysis of trace organic contaminants in sediment, pore water, and water samples from Onsan Bay, Korea: Instrumental analysis and in vitro gene expression assay. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1796-1803.	4.3	54
237	Relative potencies of individual polycyclic aromatic hydrocarbons to induce dioxinlike and estrogenic responses in three cell lines. <i>Environmental Toxicology</i> , 2002, 17, 128-137.	4.0	194
238	In vitro response of fish and mammalian cells to complex mixtures of polychlorinated naphthalenes, polychlorinated biphenyls, and polycyclic aromatic hydrocarbons. <i>Aquatic Toxicology</i> , 2001, 54, 125-141.	4.0	39
239	Trace Organic Contaminants in Sediment and Water from Ulsan Bay and Its Vicinity, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 40, 141-150.	4.1	134
240	In Vitro Bioassay Determination of Dioxin-Like and Estrogenic Activity in Sediment and Water from Ulsan Bay and Its Vicinity, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 40, 151-160.	4.1	39
241	Relative Potencies of Individual Polychlorinated Naphthalenes to Induce Dioxin-Like Responses in Fish and Mammalian In Vitro Bioassays. <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 39, 273-281.	4.1	216
242	Instrumental and Bioanalytical Measures of Persistent Organochlorines in Blue Mussel (<i>Mytilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 39, 360-368.	4.1	42
243	Polychlorinated Naphthalenes and Polychlorinated Biphenyls in Fishes from Michigan Waters Including the Great Lakes. <i>Environmental Science & Technology</i> , 2000, 34, 566-572.	10.0	129
244	Characterization and Distribution of Trace Organic Contaminants in Sediment from Masan Bay, Korea. 1. Instrumental Analysis. <i>Environmental Science & Technology</i> , 1999, 33, 4199-4205.	10.0	225
245	Alkylphenols, polycyclic aromatic hydrocarbons, and organochlorines in sediment from Lake Shihwa, Korea: Instrumental and bioanalytical characterization. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2424-2432.	4.3	87
246	Characterization and Distribution of Trace Organic Contaminants in Sediment from Masan Bay, Korea. 2. In Vitro Gene Expression Assays. <i>Environmental Science & Technology</i> , 1999, 33, 4206-4211.	10.0	79
247	ALKYLPHENOLS, POLYCYCLIC AROMATIC HYDROCARBONS, AND ORGANOCHLORINES IN SEDIMENT FROM LAKE SHIHWA, KOREA:INSTRUMENTAL AND BIOANALYTICAL CHARACTERIZATION. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2424.	4.3	83