

Jong Seong Khim

List of Publications by Year in descending order

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247
papers

8,289
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47006

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64796

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docs citations

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6919
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Science & Technology</i> , 2008, 42, 256-264.	10.784314	234
2	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
3	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
4	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
5	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
6	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
7	The Blue Economy and the United Nations' sustainable development goals: Challenges and opportunities. <i>Environment International</i> , 2020, 137, 105528.	10.0	163
8	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
9	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
10	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
11	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
12	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
13	Aquatic Toxicology of Perfluorinated Chemicals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2010, 202, 1-52.	1.3	130
14	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
15	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
16	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
17	Perfluorinated compounds in surface waters from Northern China: Comparison to level of industrialization. <i>Environment International</i> , 2012, 42, 37-46.	10.0	120
18	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

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19	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
20	Occurrence, distribution and affecting factors of microplastics in agricultural soils along the lower reaches of Yangtze River, China. <i>Science of the Total Environment</i> , 2021, 794, 148694.	8.0	105
21	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
22	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
23	Perfluorinated compounds in estuarine and coastal areas of north Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2011, 62, 1905-1914.	5.0	95
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Historical trends of inorganic and organic fluorine in sediments of Lake Michigan. <i>Chemosphere</i> , 2014, 114, 203-209.	8.2	73
36	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

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37	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
38	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
39	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
40	Perfluoroalkyl Acids in Marine Organisms from Lake Shihwa, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 552-560.	4.1	61
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018, 238, 739-748.	7.5	47
49	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
50	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
51	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
52	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
53	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
54	Instrumental and Bioanalytical Measures of Persistent Organochlorines in Blue Mussel (<i>Mytilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 39, 360-368.	4.1	42

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55	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
56	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
57	Perfluorinated compounds in a coastal industrial area of Tianjin, China. <i>Environmental Geochemistry and Health</i> , 2012, 34, 301-311.	3.4	41
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	Hard science is essential to restoring soft-sediment intertidal habitats in burgeoning East Asia. <i>Chemosphere</i> , 2017, 168, 765-776.	8.2	32
81	Effect-directed analysis: Current status and future challenges. <i>Ocean Science Journal</i> , 2016, 51, 413-433.	1.3	31
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	Bioaccumulation of Polycyclic Aromatic Hydrocarbons (PAHs) by the Marine Clam, <i>Mactra veneriformis</i> , Chronically Exposed to Oil-Suspended Particulate Matter Aggregates. <i>Environmental Science & Technology</i> , 2018, 52, 7910-7920.	10.0	26
99	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
100	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
101	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
102	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
103	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. <i>Science of the Total Environment</i> , 2021, 793, 148568.	8.0	24
104	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
105	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
106	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
107	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
108	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

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109	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
110	Impacts of environmental and anthropogenic stresses on macrozoobenthic communities in Jinhae Bay, Korea. <i>Chemosphere</i> , 2017, 171, 681-691.	8.2	21
111	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
112	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
113	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
114	<i>Altererythrobacter lutimaris</i> sp. nov., a marine bacterium isolated from a tidal flat and reclassification of <i>Altererythrobacter deserti</i> , <i>Altererythrobacter estronivorus</i> and <i>Altererythrobacter muriae</i> as <i>Tsuneonella deserti</i> comb. nov., <i>Croceicoccus estronivorus</i> comb. nov. and <i>Alteripontixanthobacter muriae</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	20
115	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
116	<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
117	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
118	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
119	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
120	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
121	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
122	Microbial mechanism for enhanced methane emission in deep soil layer of Phragmites-introduced tidal marsh. <i>Environment International</i> , 2020, 134, 105251.	10.0	17
123	<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
124	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
125	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
126	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

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127	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
128	Biosynthesis and antimicrobial activity of aluminium oxide nanoparticles using <i>Lyngbya majuscula</i> extract. <i>Materials Letters</i> , 2022, 311, 131569.	2.6	16
129	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
130	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
131	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
132	<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
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138	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
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