

Jong Seong Khim

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.

235
papers

6,202
citations

42
h-index

69
g-index

252
ext. papers

7,238
ext. citations

6.4
avg, IF

5.81
L-index

#	Paper	IF	Citations
235	Bio efficacy of synthesised silver nanoparticles using <i>Dicrocephala integrifolia</i> leaf extract and their insecticidal activity. <i>Materials Letters</i> , 2022 , 314, 131860	3.3	0
234	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	12.8	0
233	Meta-analysis of bio-based carbon materials for anaerobic digestion with direct interspecies electron transfer mechanism. <i>Materials Letters</i> , 2022 , 310, 131485	3.3	1
232	Biosynthesis and antimicrobial activity of aluminium oxide nanoparticles using <i>Lyngbya majuscula</i> extract. <i>Materials Letters</i> , 2022 , 311, 131569	3.3	1
231	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	10.2	1
230	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	9.3	1
229	Effect-directed identification of novel aryl hydrocarbon receptor-active aromatic compounds in coastal sediments collected from a highly industrialized area. <i>Science of the Total Environment</i> , 2022 , 803, 149969	10.2	3
228	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	0.4	
227	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	0.4	
226	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	0.4	
225	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 , 154240	10.2	
224	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 , 154214	10.2	0
223	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	12.8	2
222	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 , 154320	10.2	0
221	Identification of AhR agonists in sediments of the Bohai and Yellow Seas using advanced effect-directed analysis and in silico prediction.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 128908	12.8	0
220	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	12.8	
219	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	0.4	

218	Effects of Underwater Noise Pollution on <i>Lateolabrax japonicus</i> . <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2021 , 24, 274-281	0.4	
217	A Review on Marine Environmental Impact Assessment for Offshore Wind Farm: Status, Issue, and Future Direction. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2021 , 24, 201-209	0.4	0
216	Insight into the Technical Qualification of the Sonocogreen CaO/Clinoptilolite Nanocomposite (CaO/Clino) as an Advanced Delivery System for 5-Fluorouracil: Equilibrium and Cytotoxicity. <i>ACS Omega</i> , 2021 , 6, 31982-31992	3.9	1
215	Two new species of <i>Tigriopus</i> Norman, 1869 from Chonburi Province, Thailand (Crustacea: Copepoda: Harpacticidae). <i>Zootaxa</i> , 2021 , 5051, 41-67	0.5	
214	Spatiotemporal variation and sources of soil heavy metals along the lower reaches of Yangtze River, China. <i>Chemosphere</i> , 2021 , 291, 132768	8.4	5
213	DNA-based diversity assessment reveals a new coral barnacle, sp. nov. (Balanomorpha: Pyrgomatidae) exclusively associated with the high latitude coral in the waters of southern Korea. <i>PeerJ</i> , 2021 , 9, e11284	3.1	
212	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	5.8	5
211	Identification of potential toxicants in sediments from an industrialized area in Pohang, South Korea: Application of a cell viability assay of microalgae using flow cytometry. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124230	12.8	7
210	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	10.2	12
209	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	10.2	2
208	Environmental drivers affecting the bacterial community of intertidal sediments in the Yellow Sea. <i>Science of the Total Environment</i> , 2021 , 755, 142726	10.2	7
207	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	10.2	5
206	Shift in polar benthic community structure in a fast retreating glacial area of Marian Cove, West Antarctica. <i>Scientific Reports</i> , 2021 , 11, 241	4.9	4
205	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	10.2	4
204	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	10.2	7
203	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	2.3	0
202	Floral and Faunal Diversity in Sri Lankan Mangrove Forests: A Systematic Review. <i>Sustainability</i> , 2021 , 13, 9487	3.6	1
201	The influence of the composition of algal detritus on nematode assemblages. <i>Regional Studies in Marine Science</i> , 2021 , 48, 102004	1.5	

200	Insight into Cyclodextrin/diatomite hybrid structure as a potential carrier for ibuprofen drug molecules; equilibrium, release properties, and cytotoxicity. <i>Journal of Sol-Gel Science and Technology</i> , 2021 , 100, 101-114	2.3	1
199	Spatial distribution and source identification of traditional and emerging persistent toxic substances in the offshore sediment of South Korea. <i>Science of the Total Environment</i> , 2021 , 789, 147996 ^{10.2}	10.2	2
198	First comprehensive ecological checklist of Brachyura in Korea: 1879-2020. <i>Marine Pollution Bulletin</i> , 2021 , 171, 112742	6.7	0
197	Spatiotemporal variation of extracellular polymeric substances (EPS) associated with the microphytobenthos of tidal flats in the Yellow Sea. <i>Marine Pollution Bulletin</i> , 2021 , 171, 112780	6.7	1
196	Large-scale sediment toxicity assessment over the 15,000 km of coastline in the Yellow and Bohai seas, East Asia. <i>Science of the Total Environment</i> , 2021 , 792, 148371	10.2	4
195	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	10.2	8
194	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	10.2	22
193	Blue economy and the total environment: Mapping the interface. <i>Environment International</i> , 2021 , 157, 106796	12.9	2
192	Natural purification capacity of tidal flats for organic matters and nutrients: A mesocosm study. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111046	6.7	7
191	A long-term ecological monitoring of subtidal macrozoobenthos around Dokdo waters, East Sea, Korea. <i>Marine Pollution Bulletin</i> , 2020 , 156, 111226	6.7	0
190	Multiple Bioassays and Targeted and Nontargeted Analyses to Characterize Potential Toxicological Effects Associated with Sediments of Masan Bay: Focusing on AhR-Mediated Potency. <i>Environmental Science & Technology</i> , 2020 , 54, 4443-4454	10.3	18
189	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	6.7	6
188	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	12.9	4
187	The Blue Economy and the United Nations' sustainable development goals: Challenges and opportunities. <i>Environment International</i> , 2020 , 137, 105528	12.9	71
186	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	12.9	63
185	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	12.9	38
184	Influence of tidal forcings on microphytobenthic resuspension dynamics and sediment fluxes in a disturbed coastal environment. <i>Environment International</i> , 2020 , 139, 105743	12.9	5
183	Shift in benthic diatom community structure and salinity thresholds in a hypersaline environment of solar saltern, Korea. <i>Algae</i> , 2020 , 35, 361-373	2.4	3

182	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	0.4	
181	A New Species of Xouthous Thomson (Copepoda: Harpacticoida: Pseudotachidiidae), Widely Distributed in the Korean Waters. <i>Annales Zoologici</i> , 2020 , 70,	0.6	1
180	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	12.9	23
179	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	2.2	2
178	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	2.2	2
177	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
176	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	12.9	51
175	Microbial mechanism for enhanced methane emission in deep soil layer of Phragmites-introduced tidal marsh. <i>Environment International</i> , 2020 , 134, 105251	12.9	10
174	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	12.9	9
173	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	6.7	11
172	Natural and anthropogenic impacts on long-term meiobenthic communities in two contrasting nearshore habitats. <i>Environment International</i> , 2020 , 134, 105200	12.9	5
171	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	6.7	6
170	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	6.7	5
169	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	4.9	1
168	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	1.5	0
167	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	6.7	3
166	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	7	8
165	Natural and anthropogenic signatures on sedimentary organic matters across varying intertidal habitats in the Korean waters. <i>Environment International</i> , 2019 , 133, 105166	12.9	19

164	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	6.7	9
163	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	9.3	7
162	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	12.9	23
161	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	12.9	9
160	Newly Identified AhR-Active Compounds in the Sediments of an Industrial Area Using Effect-Directed Analysis. <i>Environmental Science & Technology</i> , 2019 , 53, 10043-10052	10.3	24
159	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	6.7	18
158	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	12.9	10
157	Major AhR-active chemicals in sediments of Lake Sihwa, South Korea: Application of effect-directed analysis combined with full-scan screening analysis. <i>Environment International</i> , 2019 , 133, 105199	12.9	16
156	<i>Serinococcus sediminis</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1998-2003	2.2	1
155	<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	2.2	10
154	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	7	6
153	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	0
152	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	9.3	26
151	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018 , 238, 739-748	9.3	32
150	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	9.3	73
149	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
148	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	9.3	18
147	Rainfall effects on the erodibility of sediment and microphytobenthos in the intertidal flat. <i>Environmental Pollution</i> , 2018 , 242, 2051-2058	9.3	10

146	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	10.2	17
145	Bioaccumulation of trace metals in octocorals depends on age and tissue compartmentalization. <i>PLoS ONE</i> , 2018 , 13, e0196222	3.7	5
144	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	9.3	9
143	Sub-lethal and lethal toxicities of elevated CO on embryonic, juvenile, and adult stages of marine medaka <i>Oryzias melastigma</i> . <i>Environmental Pollution</i> , 2018 , 241, 586-595	9.3	8
142	Bioaccumulation of Polycyclic Aromatic Hydrocarbons (PAHs) by the Marine Clam, <i>Macrta veneriformis</i> , Chronically Exposed to Oil-Suspended Particulate Matter Aggregates. <i>Environmental Science & Technology</i> , 2018 , 52, 7910-7920	10.3	15
141	Spatiotemporal variations in macrofaunal assemblages linked to site-specific environmental factors in two contrasting nearshore habitats. <i>Environmental Pollution</i> , 2018 , 241, 596-606	9.3	8
140	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	0.7	25
139	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	0.4	2
138	<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	2.2	2
137	<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	2.2	4
136	<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	2.2	4
135	<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	2.2	4
134	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	9.3	19
133	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	9.3	35
132	Biosurfactant-assisted bioremediation of crude oil by indigenous bacteria isolated from Taean beach sediment. <i>Environmental Pollution</i> , 2018 , 241, 254-264	9.3	87
131	Potential ecotoxicological effects of elevated bicarbonate ion concentrations on marine organisms. <i>Environmental Pollution</i> , 2018 , 241, 194-199	9.3	1
130	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	9.3	15
129	Identification of genotoxic compounds in crude oil using fractionation according to distillation, polarity and K. <i>Marine Pollution Bulletin</i> , 2017 , 114, 1159-1163	6.7	2

128	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	8.4	21
127	Spatiotemporal distributions of butyltin compounds in various intertidal organisms along the Samcheok and Tongyeong coasts of Korea. <i>Chemosphere</i> , 2017 , 172, 268-277	8.4	12
126	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	6.7	15
125	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	8.4	17
124	Biodiversity hotspot for marine invertebrates around the Dokdo, East Sea, Korea: Ecological checklist revisited. <i>Marine Pollution Bulletin</i> , 2017 , 119, 162-170	6.7	9
123	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	8.4	27
122	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	8.4	14
121	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	6.7	29
120	Searching for novel modes of toxic actions of oil spill using E. coli live cell array reporter system - A Hebei Spirit oil spill study. <i>Chemosphere</i> , 2017 , 169, 669-677	8.4	2
119	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	8.4	22
118	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	8.4	56
117	Impacts of environmental and anthropogenic stresses on macrozoobenthic communities in Jinhae Bay, Korea. <i>Chemosphere</i> , 2017 , 171, 681-691	8.4	14
116	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	3	12
115	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
114	Environmental Impacts and Recovery After the Hebei Spirit Oil Spill in Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 73, 47-54	3.2	23
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	8.4	19
112	Hard science is essential to restoring soft-sediment intertidal habitats in burgeoning East Asia. <i>Chemosphere</i> , 2017 , 168, 765-776	8.4	19
111	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

110	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, 7369671	6.7	11
109	<i>Nocardioides litoris</i> sp. nov., isolated from the Taean seashore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2332-2336	2.2	4
108	<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	2.2	8
107	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	1.9	10
106	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, 18766-76	5.1	2
105	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, 14945-56	5.1	13
104	Arsenic speciation in water, suspended particles, and coastal organisms from the Taehwa River Estuary of South Korea. <i>Marine Pollution Bulletin</i> , 2016 , 108, 155-62	6.7	20
103	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	10.2	12
102	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
101	Persistent Toxic Substances in Sediments of Korean Coastal Waters: A Review. <i>ACS Symposium Series</i> , 2016 , 155-191	0.4	
100	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	0.4	1
99	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	1.1	1
98	Effect-directed analysis: Current status and future challenges. <i>Ocean Science Journal</i> , 2016 , 51, 413-433	1.1	22
97	Are styrene oligomers in coastal sediments of an industrial area aryl hydrocarbon-receptor agonists?. <i>Environmental Pollution</i> , 2016 , 213, 913-921	9.3	42
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