

Kyung-Hoon Shin

List of Publications by Year in descending order

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208
papers

5,166
citations

134610

34
h-index

145109

60
g-index

210
all docs

210
docs citations

210
times ranked

7206
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of salinity and temperature on reproductivity and fatty acid synthesis in the marine rotifer <i>Brachionus rotundiformis</i> . <i>Aquaculture</i> , 2022, 546, 737282.	1.7	7
2	Spatial distribution and origin of organic matters in an Arctic fjord system based on lipid biomarkers (n-alkanes and sterols). <i>Environmental Research</i> , 2022, 205, 112469.	3.7	8
3	Source tracking of dissolved organic nitrogen at the molecular level during storm events in an agricultural watershed. <i>Science of the Total Environment</i> , 2022, 810, 152183.	3.9	19
4	Seasonal Flux of Ice-Related Organic Matter During Under-Ice Blooms in the Western Arctic Ocean Revealed by Algal Lipid Biomarkers. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	3
5	Molecular evidence for suppression of swimming behavior and reproduction in the estuarine rotifer <i>Brachionus koreanus</i> in response to COVID-19 disinfectants. <i>Marine Pollution Bulletin</i> , 2022, 175, 113396.	2.3	14
6	Environmental fate and trophic transfer of synthetic musk compounds and siloxanes in Geum River, Korea: Compound-specific nitrogen isotope analysis of amino acids for accurate trophic position estimation. <i>Environment International</i> , 2022, 161, 107123.	4.8	13
7	The Interplay of Mycosporine-like Amino Acids between Phytoplankton Groups and Northern Krill (<i>Thysanoessa</i> sp.) in a High-Latitude Fjord (Kongsfjorden, Svalbard). <i>Marine Drugs</i> , 2022, 20, 238.	2.2	1
8	Seasonal Trophic Dynamics of Sinking Particles in the Ulleung Basin of the East Sea (Japan Sea): An Approach Employing Nitrogen Isotopes of Amino Acids. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	3
9	Geochemical signatures of organic matter associated with gas generation in the Pohang Basin, South Korea. <i>Geosciences Journal</i> , 2022, 26, 555-567.	0.6	1
10	Amino acid nitrogen and carbon isotope data: Potential and implications for ecological studies. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	5
11	Genome-wide identification of fatty acid synthesis genes, fatty acid profiles, and life parameters in two freshwater water flea <i>Daphnia magna</i> strains. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 262, 110774.	0.7	2
12	Stepwise Approach for Tracing the Geographical Origins of the Manila Clam <i>Ruditapes philippinarum</i> Using Dual-Element Isotopes and Carbon Isotopes of Fatty Acids. <i>Foods</i> , 2022, 11, 1965.	1.9	2
13	Oxidative stress responses in brackish water flea exposed to microcystin-LR and algal bloom waters from Nakdong River, Republic of Korea. <i>Marine Pollution Bulletin</i> , 2021, 162, 111868.	2.3	6
14	Distribution of microcystins in environmental multimedia and their bioaccumulation characteristics in marine benthic organisms in the Geum River Estuary, South Korea. <i>Science of the Total Environment</i> , 2021, 757, 143815.	3.9	17
15	Application of Column Chromatography for Accurate Determination of the Carbon Isotopic Compositions of n-alkanes in Diverse Environmental Samples. <i>Ocean Science Journal</i> , 2021, 56, 46-54.	0.6	2
16	Anti-Photoaging and Potential Skin Health Benefits of Seaweeds. <i>Marine Drugs</i> , 2021, 19, 172.	2.2	38
17	A Multi-Elements Isotope Approach to Assess the Geographic Provenance of Manila Clams (<i>Ruditapes</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.9	11
18	Trophic Dynamics of <i>Calanus hyperboreus</i> in the Pacific Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017063.	1.0	8

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19	Trophic Ecology of Endangered Gold-Spotted Pond Frog in Ecological Wetland Park and Rice Paddy Habitats. <i>Animals</i> , 2021, 11, 967.	1.0	0
20	Assessment of the nutrient diol index (NDI) as a sea surface nutrient proxy using sinking particles in the East Sea. <i>Marine Chemistry</i> , 2021, 231, 103937.	0.9	6
21	On the impact of wastewater effluent on phytoplankton in the Arctic coastal zone: A case study in the Kitikmeot Sea of the Canadian Arctic. <i>Science of the Total Environment</i> , 2021, 764, 143861.	3.9	15
22	Direct isotopic evidence for human millet consumption in the Middle Mumun period: Implication and importance of millets in early agriculture on the Korean Peninsula. <i>Journal of Archaeological Science</i> , 2021, 129, 105372.	1.2	6
23	Geochemical and Microbial Signatures of Siboglinid Tubeworm Habitats at an Active Mud Volcano in the Canadian Beaufort Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
24	Muscle Protein Hydrolysates and Amino Acid Composition in Fish. <i>Marine Drugs</i> , 2021, 19, 377.	2.2	34
25	Integrated approach for quantitative estimation of particulate organic carbon sources in a complex river system. <i>Water Research</i> , 2021, 199, 117194.	5.3	7
26	Application of Compound-Specific Isotope Analysis in Environmental Forensic and Strategic Management Avenue for Pesticide Residues. <i>Molecules</i> , 2021, 26, 4412.	1.7	8
27	Long-term environmental changes in the Geum Estuary (South Korea): Implications of river impoundments. <i>Marine Pollution Bulletin</i> , 2021, 168, 112383.	2.3	5
28	Exploiting of Secondary Raw Materials from Fish Processing Industry as a Source of Bioactive Peptide-Rich Protein Hydrolysates. <i>Marine Drugs</i> , 2021, 19, 480.	2.2	23
29	Regional Differences in the Diets of AdÃ©lie and Emperor Penguins in the Ross Sea, Antarctica. <i>Animals</i> , 2021, 11, 2681.	1.0	2
30	Using stable isotope probing and fluorescence spectroscopy to examine the roles of substrate and soluble microbial products in extracellular polymeric substance formation in activated sludge process. <i>Science of the Total Environment</i> , 2021, 788, 147875.	3.9	19
31	Trophic niche of seabirds on the Barton Peninsula, King George Island, Antarctica. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 258, 107443.	0.9	4
32	Determination of precise nitrogen stable isotopic baselines from heterotrophic organism in coastal ocean environments using compound specific isotope analysis of amino acids. <i>Marine Pollution Bulletin</i> , 2021, 171, 112777.	2.3	7
33	Multimedia distributions and the fate of microcystins from freshwater discharge in the Geum River Estuary, South Korea: Applicability of POCIS for monitoring of microalgal biotoxins. <i>Environmental Pollution</i> , 2021, 291, 118222.	3.7	4
34	Dual carbon isotope ($\delta^{13}C$ and $\delta^{14}C$) characterization of particulate organic carbon in the Geum and Seomjin estuaries, South Korea. <i>Marine Pollution Bulletin</i> , 2020, 150, 110719.	2.3	5
35	Variability of trophic magnification factors as an effect of estimated trophic position: Application of compound-specific nitrogen isotope analysis of amino acids. <i>Environment International</i> , 2020, 135, 105361.	4.8	19
36	Using stable isotope labeling approach and two dimensional correlation spectroscopy to explore the turnover cycles of different carbon structures in extracellular polymeric substances. <i>Water Research</i> , 2020, 170, 115355.	5.3	18

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37	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.	2.3	14
38	Comparing optical versus chromatographic descriptors of dissolved organic matter (DOM) for tracking the non-point sources in rural watersheds. <i>Ecological Indicators</i> , 2020, 117, 106682.	2.6	17
39	The Response of Dissolved Organic Matter during Monsoon and Post-Monsoon Periods in the Regulated River for Sustainable Water Supply. <i>Sustainability</i> , 2020, 12, 5310.	1.6	6
40	Trophic Dynamics of Zooplankton Before and After Polar Night in the Kongsfjorden (Svalbard): Evidence of Trophic Position Estimated by $\delta^{15}\text{N}$ Analysis of Amino Acids. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
41	Key Factors Controlling Primary Production and Cyanobacterial Harmful Algal Blooms (cHABs) in a Continuous Weir System in the Nakdong River, Korea. <i>Sustainability</i> , 2020, 12, 6224.	1.6	2
42	Effects of low temperature on longevity and lipid metabolism in the marine rotifer <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 250, 110803.	0.8	7
43	Seasonal contrast of particulate organic carbon (POC) characteristics in the Geum and Seomjin estuary systems (South Korea) revealed by carbon isotope ($\delta^{13}\text{C}$ and $\delta^{14}\text{C}$) analyses. <i>Water Research</i> , 2020, 187, 116442.	5.3	10
44	Evaluation of the quantity and the carbon isotopic composition of amino acids by using diverse sample residues after lipid extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4383-4391.	1.9	0
45	Significant seasonal changes in optical properties of brown carbon in the midlatitude atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2709-2718.	1.9	15
46	Molecular Distributions and Compound-Specific Stable Carbon Isotopic Compositions of Plant Wax n-Alkanes in Marine Aerosols along a North-South Transect in the Arctic-Northwest Pacific Region. <i>Atmosphere</i> , 2020, 11, 499.	1.0	0
47	Trophic response to ecological conditions of habitats: Evidence from trophic variability of freshwater fish. <i>Ecology and Evolution</i> , 2020, 10, 7250-7260.	0.8	9
48	Trophic transfer of persistent toxic substances through a coastal food web in Ulsan Bay, South Korea: Application of compound-specific isotope analysis of nitrogen in amino acids. <i>Environmental Pollution</i> , 2020, 266, 115160.	3.7	14
49	Do early diagenetic processes affect the applicability of commonly-used organic matter source tracking tools? An assessment through controlled degradation end-member mixing experiments. <i>Water Research</i> , 2020, 173, 115588.	5.3	16
50	A comparative study of food selectivity of the benthic copepod <i>Tigriopus japonicus</i> and the pelagic copepod <i>Paracyclops nana</i> : A genome-wide identification of fatty acid conversion genes and nitrogen isotope investigation. <i>Aquaculture</i> , 2020, 521, 734930.	1.7	14
51	Effects of ethanol preservation and formalin fixation on amino acid stable isotope analysis ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) and its ecological applications. <i>Limnology and Oceanography: Methods</i> , 2020, 18, 77-88.	1.0	13
52	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.	0.1	0
53	Diet source of <i>Euphausia pacifica</i> revealed using carbon- and nitrogen-stable isotopes in the Yellow Sea Cold Water Mass in summer. <i>Journal of Oceanography</i> , 2019, 75, 51-59.	0.7	6
54	Biodegradation-induced signatures in sediment pore water dissolved organic matter: Implications from artificial sediments composed of two contrasting sources. <i>Science of the Total Environment</i> , 2019, 694, 133714.	3.9	35

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55	Evaluation of alkane indexes for quantifying organic source from end member mixing experiments based on soil and algae. <i>Ecological Indicators</i> , 2019, 107, 105574.	2.6	2
56	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.	4.6	47
57	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.	2.3	30
58	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.	4.8	21
59	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.	4.8	25
60	Reconstructing spring sea ice concentration in the Chukchi Sea over recent centuries: insights into the application of the PIP ₂₅ index. <i>Environmental Research Letters</i> , 2019, 14, 125004.	2.2	9
61	Evaluating the contributions of different organic matter sources to urban river water during a storm event via optical indices and molecular composition. <i>Water Research</i> , 2019, 165, 115006.	5.3	73
62	Contrasting developments of Pleistocene calcareous clay units in the middle Bengal Fan and their implications for paleoenvironmental changes. <i>Geosciences Journal</i> , 2019, 23, 867-879.	0.6	1
63	Temporal variation in riverine organic carbon concentrations and fluxes in two contrasting estuary systems: Geum and Seomjin, South Korea. <i>Environment International</i> , 2019, 133, 105126.	4.8	23
64	Sources of organic matter in two contrasting tropical coastal environments: The Caribbean Sea and the eastern Pacific. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102349.	0.6	4
65	Lipid metabolism modulation by five different food types in the monogonont marine rotifer <i>Brachionus koreanus</i> . <i>Aquaculture</i> , 2019, 503, 596-601.	1.7	13
66	Tributyltin Affects Retinoid X Receptor-Mediated Lipid Metabolism in the Marine Rotifer <i>Brachionus koreanus</i> . <i>Environmental Science & Technology</i> , 2019, 53, 7830-7839.	4.6	17
67	Complementary approach for accurate determination of carbon isotopic compositions in $\delta^{13}\text{C}$ -hydroxybutyric acid using gas chromatography/combustion $\delta^{13}\text{C}$ isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1434-1439.	0.7	2
68	Genome-wide characterization and expression of the elongation of very long chain fatty acid (Elovl) genes and fatty acid profiles in the alga (<i>Tetraselmis suecica</i>) fed marine rotifer <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 179-185.	0.4	3
69	Tracing nitrogen sources fueling coastal green tides off a volcanic island using radon and nitrogen isotopic tracers. <i>Science of the Total Environment</i> , 2019, 665, 913-919.	3.9	24
70	Application of the newly developed nutrient diol index (NDI) as a sea surface nutrient proxy in the East Sea for the last 240 years. <i>Quaternary International</i> , 2019, 503, 146-152.	0.7	6
71	Differentiation of endogenous and exogenous $\delta^{13}\text{C}$ -Hydroxybutyrate in rat and human urine by GC/C/IRMS. <i>International Journal of Legal Medicine</i> , 2019, 133, 1785-1794.	1.2	5
72	Assessment on applicability of common source tracking tools for particulate organic matter in controlled end member mixing experiments. <i>Science of the Total Environment</i> , 2019, 666, 187-196.	3.9	23

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73	Characteristics of sediment affecting monomethylmercury accumulation in benthic fish of the Mekong Delta. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 503-510.	2.2	3
74	Discriminative biogeochemical signatures of methanotrophs in different chemosynthetic habitats at an active mud volcano in the Canadian Beaufort Sea. <i>Scientific Reports</i> , 2019, 9, 17592.	1.6	5
75	Tight trophic association between benthic diatom blooms and shallow-water megabenthic communities in a rapidly deglaciated Antarctic fjord. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 258-267.	0.9	21
76	Variation of Primary Productivity and Phytoplankton Community in the Weirs of Mid and Downstream of the Nakdong River during Fall and Early Winter: Application of Phytoplankton Pigments and CHEMTAX. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 81-93.	0.3	4
77	Chemosynthetic bacterial signatures in <i>Frenulata</i> tubeworm <i>Oligobrachia</i> sp. in an active mud volcano of the Canadian Beaufort Sea. <i>Marine Ecology - Progress Series</i> , 2019, 628, 95-104.	0.9	9
78	Algal Contribution to the Occurrence of Refractory Organic Matter in Lake Paldang, South Korea: Inferred from Dual Stable Isotope (¹³ C and ¹⁵ N) Tracer Experiment. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 192-201.	0.3	0
79	Primary Productivity and Photosynthetic Pigment Production Rates of Periphyton and Phytoplankton in Lake Paldang using ¹³ C Tracer. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 202-209.	0.3	1
80	Chronic adverse effects of oil dispersed sediments on growth, hatching, and reproduction of benthic copepods: Indirect exposure for long-term tests. <i>Marine Environmental Research</i> , 2018, 137, 225-233.	1.1	4
81	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.	3.7	41
82	Distribution of long chain alkyl diols along a south-north transect of the northwestern Pacific region: Insights into a paleo sea surface nutrient proxy. <i>Organic Geochemistry</i> , 2018, 119, 80-90.	0.9	19
83	Aging extension and modifications of lipid metabolism in the monogonont rotifer <i>Brachionus koreanus</i> under chronic caloric restriction. <i>Scientific Reports</i> , 2018, 8, 1741.	1.6	25
84	Assessing environmental changes in Lake Shihwa, South Korea, based on distributions and stable carbon isotopic compositions of n-alkanes. <i>Environmental Pollution</i> , 2018, 240, 105-115.	3.7	22
85	Estimation of different source contributions to sediment organic matter in an agricultural-forested watershed using end member mixing analyses based on stable isotope ratios and fluorescence spectroscopy. <i>Science of the Total Environment</i> , 2018, 618, 569-578.	3.9	79
86	Comparing discrimination capabilities of fluorescence spectroscopy versus FT-ICR-MS for sources and hydrophobicity of sediment organic matter. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1892-1902.	2.7	12
87	Biogeochemical evidence of anaerobic methane oxidation on active submarine mud volcanoes on the continental slope of the Canadian Beaufort Sea. <i>Biogeosciences</i> , 2018, 15, 7419-7433.	1.3	20
88	Ecological Niche Space of Fish Communities in Impounded Sections of Large Rivers: Its Application to Assessment of the Impact of Weirs on River Ecosystems. <i>Sustainability</i> , 2018, 10, 4784.	1.6	9
89	New insight into the applicability of spectroscopic indices for dissolved organic matter (DOM) source discrimination in aquatic systems affected by biogeochemical processes. <i>Water Research</i> , 2018, 147, 164-176.	5.3	101
90	Synthesis of mycosporine-like amino acids by a size-fractionated marine phytoplankton community of the arctic beaufort sea. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 87-94.	1.7	8

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91	Assessing the saponification effect on the quantification of long chain alkenones and the U ¹³ C and δ ¹⁵ N paleothermometer. <i>Geochemical Journal</i> , 2018, 52, 497-507.	0.5	2
92	BIO-CONTROL OF MICROCYSTIS AERUGINOSA BLOOM USING VARIOUS AQUATIC ORGANISMS BY DUAL STABLE ISOTOPE (13C AND 15N) TRACERS. <i>Applied Ecology and Environmental Research</i> , 2018, 16, 931-953.	0.2	7
93	Adverse effects of microplastics and oxidative stress-induced MAPK/Nrf2 pathway-mediated defense mechanisms in the marine copepod <i>Paracyclops nana</i> . <i>Scientific Reports</i> , 2017, 7, 41323.	1.6	271
94	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.	4.2	24
95	Occurrence and distribution of hydroxylated isoprenoid glycerol dialkyl glycerol tetraethers (OH-GDGTs) in the Han River system, South Korea. <i>Acta Geochimica</i> , 2017, 36, 367-369.	0.7	16
96	Widespread Anthropogenic Nitrogen in Northwestern Pacific Ocean Sediment. <i>Environmental Science & Technology</i> , 2017, 51, 6044-6052.	4.6	15
97	Imposex in <i>Reishia clavigera</i> as an Indicator to Assess Recovery of TBT Pollution After a Total Ban in South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 301-309.	2.1	13
98	High abundance of protein-like fluorescence in the Amerasian Basin of Arctic Ocean: Potential implication of a fall phytoplankton bloom. <i>Science of the Total Environment</i> , 2017, 599-600, 355-363.	3.9	21
99	Trophic interaction among organisms in a seagrass meadow ecosystem as revealed by bulk δ ¹³ C and amino acid δ ¹⁵ N analyses. <i>Limnology and Oceanography</i> , 2017, 62, 1426-1435.	1.6	36
100	Contribution of petroleum-derived organic carbon to sedimentary organic carbon pool in the eastern Yellow Sea (the northwestern Pacific). <i>Chemosphere</i> , 2017, 168, 1389-1399.	4.2	36
101	Effects of salinity on growth, fatty acid synthesis, and expression of stress response genes in the cyclopoid copepod <i>Paracyclops nana</i> . <i>Aquaculture</i> , 2017, 470, 182-189.	1.7	33
102	Interrelationship of salinity shift with oxidative stress and lipid metabolism in the monogonont rotifer <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 214, 79-84.	0.8	34
103	Effects of temperature on growth and fatty acid synthesis in the cyclopoid copepod <i>Paracyclops nana</i> . <i>Fisheries Science</i> , 2017, 83, 725-734.	0.7	19
104	Effects of biocontrol with an atyid shrimp (<i>Caridina denticulata</i>) and a bagrid catfish (<i>Pseudobagrus</i>) in a reservoir. <i>Paddy and Water Environment</i> , 2017, 15, 483-497.	1.0	5
105	Terrestrial n-alkanes and their carbon isotope records from the Hanon paleo-maar sediment, Jeju Island, Korea: Implications for paleoclimate and paleovegetation over the last 35 kyrs. <i>Quaternary International</i> , 2017, 441, 89-100.	0.7	8
106	Observational evidence for the formation of DMS-derived aerosols during Arctic phytoplankton blooms. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9665-9675.	1.9	65
107	Accumulation of Microcystin (LR, RR and YR) in Three Freshwater Bivalves in <i>Microcystis aeruginosa</i> Bloom Using Dual Isotope Tracer. <i>Marine Drugs</i> , 2017, 15, 226.	2.2	17
108	Tracing Source and Concentration of Riverine Organic Carbon Transporting from Tamjin River to Gangjin Bay, Korea. <i>Korean Journal of Ecology and Environment</i> , 2017, 50, 422-431.	0.3	5

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109	Effect of Different GC Columns on the Quantitative Analysis of Long Chain Alkyl Diols (LCDs). Pada (Han'guk Haeyang Hakhoe), 2017, 22, 45-55.	0.3	3
110	Distribution of pelagic phytoplankton-derived lipid biomarkers along a transect from the East Sea to the Bering Sea: insights into their suitability as open-water indicators. Journal of the Geological Society of Korea, 2017, 53, 545-554.	0.3	0
111	Effects of HCl pretreatment, drying, and storage on the stable isotope ratios of soil and sediment samples. Rapid Communications in Mass Spectrometry, 2016, 30, 1567-1575.	0.7	29
112	Source identification and distribution reveals the potential of the geochemical Antarctic sea ice proxy IPSO25. Nature Communications, 2016, 7, 12655.	5.8	56
113	Effects of elevated CO ₂ concentrations on the production and biodegradability of organic matter: An in-situ mesocosm experiment. Marine Chemistry, 2016, 183, 33-40.	0.9	4
114	Environmental change in Yellow Sea during the last deglaciation to the early Holocene (15,000-8,000) Tj ETQq0 0.0 rgBT /Overlock 10	0.7	9
115	Source, composition and reactivity of sedimentary organic carbon in the river-dominated marginal seas: A study of the eastern Yellow Sea (the northwestern Pacific). Continental Shelf Research, 2016, 125, 114-126.	0.9	25
116	Efficacy of Intravitreal Bevacizumab for Recurrent Central Serous Chorioretinopathy in Patients Who Had Previously Responded Well to the Same Therapy. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 425-430.	0.6	3
117	Species-specific accumulation of polybrominated diphenyl ethers (PBDEs) and other emerging flame retardants in several species of birds from Korea. Environmental Pollution, 2016, 219, 191-200.	3.7	42
118	The feasibility of assessing the diets of minke whale (<i>Balaenoptera acutorostrata</i>) in the East Sea through fatty acid composition in blubber and stable isotopic ratio of skin. Ocean Science Journal, 2016, 51, 397-410.	0.6	3
119	Biodegradability of algal-derived organic matter in a large artificial lake by using stable isotope tracers. Environmental Science and Pollution Research, 2016, 23, 8358-8366.	2.7	20
120	Accumulation and temporal changes of PCDD/Fs and dioxin-like PCBs in finless porpoises () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Tc Marine Pollution Bulletin, 2016, 105, 30-36.	2.3	10
121	The effect of summer monsoon on pelagic and littoral food webs in a large regulated reservoir (Lake) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	3
122	Strategy of photo-protection in phytoplankton assemblages in the Kongsfjorden, Svalbard, Arctic. Chinese Journal of Oceanology and Limnology, 2016, 34, 1-12.	0.7	14
123	Fatty acid biomarkers to verify cyanobacteria feeding abilities of herbivorous consumers. Journal of Freshwater Ecology, 2016, 31, 77-91.	0.5	11
124	Ecological and human health risk from polychlorinated biphenyls and organochlorine pesticides in bivalves of Cheonsu Bay, Korea. Environmental Engineering Research, 2016, 21, 373-383.	1.5	10
125	Seasonal Changes in Mycosporine-Like Amino Acid Production Rate with Respect to Natural Phytoplankton Species Composition. Marine Drugs, 2015, 13, 6740-6758.	2.2	10
126	The river-estuarine continuum of nutrients and phytoplankton communities in an estuary physically divided by a sea dike. Estuarine, Coastal and Shelf Science, 2015, 163, 279-289.	0.9	32

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127	Utility of Stable Isotope and Cytochrome Oxidase I Gene Sequencing Analyses in Inferring Origin and Authentication of Hairtail Fish and Shrimp. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5548-5556.	2.4	18
128	Paleovegetation and paleoclimate changes based on terrestrial n-alkanes and their carbon isotopes in sediment from the Jeongok-ri Paleolithic Site, Korea. <i>Quaternary International</i> , 2015, 384, 4-12.	0.7	6
129	Distribution of butyltins and alternative antifouling biocides in sediments from shipping and shipbuilding areas in South Korea. <i>Marine Pollution Bulletin</i> , 2015, 95, 484-490.	2.3	43
130	In vivo effects of UV radiation on multiple endpoints and expression profiles of DNA repair and heat shock protein (Hsp) genes in the cycloid copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , 2015, 165, 1-8.	1.9	35
131	Identification of key factors influencing primary productivity in two river-type reservoirs by using principal component regression analysis. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 213.	1.3	17
132	Microalgae – A promising tool for heavy metal remediation. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 329-352.	2.9	595
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