

# Guebuem Kim

## List of Publications by Year in descending order

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129  
papers

4,991  
citations

87843

38  
h-index

110317

64  
g-index

129  
all docs

129  
docs citations

129  
times ranked

3212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global estimate of submarine groundwater discharge based on an observationally constrained radium isotope model. <i>Geophysical Research Letters</i> , 2014, 41, 8438-8444.	1.5	236
2	Submarine groundwater discharge (SGD) into the Yellow Sea revealed by <sup>228</sup> Ra and <sup>226</sup> Ra isotopes: Implications for global silicate fluxes. <i>Earth and Planetary Science Letters</i> , 2005, 237, 156-166.	1.8	212
3	Large submarine groundwater discharge and benthic eutrophication in Bangdu Bay on volcanic Jeju Island, Korea. <i>Limnology and Oceanography</i> , 2005, 50, 1393-1403.	1.6	178
4	Estimating submarine inputs of groundwater and nutrients to a coastal bay using radium isotopes. <i>Marine Chemistry</i> , 2005, 96, 61-71.	0.9	163
5	Submarine Groundwater Discharge: Updates on Its Measurement Techniques, Geophysical Drivers, Magnitudes, and Effects. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	158
6	Linking groundwater-borne nutrients and dinoflagellate red-tide outbreaks in the southern sea of Korea using a Ra tracer. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 309-317.	0.9	152
7	Measurement of <sup>224</sup> Ra and <sup>226</sup> Ra Activities in Natural Waters Using a Radon-in-Air Monitor. <i>Environmental Science &amp; Technology</i> , 2001, 35, 4680-4683.	4.6	148
8	A simple and rapid method for analyzing radon in coastal and ground waters using a radon-in-air monitor. <i>Journal of Environmental Radioactivity</i> , 2006, 89, 219-228.	0.9	144
9	Large submarine groundwater discharge (SGD) from a volcanic island. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	133
10	Tidal pumping of groundwater into the coastal ocean revealed from submarine <sup>222</sup> Rn and CH <sub>4</sub> monitoring. <i>Geophysical Research Letters</i> , 2002, 29, 23-1-23-4.	1.5	132
11	Submarine groundwater discharge from oceanic islands standing in oligotrophic oceans: Implications for global biological production and organic carbon fluxes. <i>Limnology and Oceanography</i> , 2011, 56, 673-682.	1.6	128
12	Radium tracing nutrient inputs through submarine groundwater discharge in the global ocean. <i>Scientific Reports</i> , 2018, 8, 2439.	1.6	123
13	A relationship between submarine groundwater borne nutrients traced by Ra isotopes and the intensity of dinoflagellate red tides occurring in the southern sea of Korea. <i>Limnology and Oceanography</i> , 2010, 55, 1-10.	1.6	110
14	Nutrient inputs from submarine groundwater discharge (SGD) in Masan Bay, an embayment surrounded by heavily industrialized cities, Korea. <i>Science of the Total Environment</i> , 2009, 407, 3181-3188.	3.9	100
15	A sudden bottom-water formation during the severe winter 2000-2001: The case of the East/Japan Sea. <i>Geophysical Research Letters</i> , 2002, 29, 75-1-75-4.	1.5	94
16	Submarine groundwater discharge (SGD) as a main nutrient source for benthic and water-column primary production in a large intertidal environment of the Yellow Sea. <i>Journal of Sea Research</i> , 2011, 65, 103-113.	0.6	84
17	Large fluxes of rare earth elements through submarine groundwater discharge (SGD) from a volcanic island, Jeju, Korea. <i>Marine Chemistry</i> , 2011, 127, 12-19.	0.9	74
18	The role of submarine groundwater discharge (SGD) in nutrient budgets of Gamak Bay, a shellfish farming bay, in Korea. <i>Journal of Sea Research</i> , 2010, 64, 224-230.	0.6	73

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19	Efficient Preconcentration and Separation of Actinide Elements from Large Soil and Sediment Samples. <i>Analytical Chemistry</i> , 2000, 72, 4882-4887.	3.2	68
20	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 2000, 36, 65-79.	1.4	62
21	Production, degradation, and flux of dissolved organic matter in the subterranean estuary of a large tidal flat. <i>Marine Chemistry</i> , 2012, 142-144, 1-10.	0.9	61
22	Seasonal biogeochemical fluxes of $^{234}\text{Th}$ and $^{210}\text{Po}$ in the Upper Sargasso Sea: Influence from atmospheric iron deposition. <i>Global Biogeochemical Cycles</i> , 2001, 15, 651-661.	1.9	60
23	A radon-thoron isotope pair as a reliable earthquake precursor. <i>Scientific Reports</i> , 2015, 5, 13084.	1.6	60
24	Influence of trace element fluxes from submarine groundwater discharge (SGD) on their inventories in coastal waters off volcanic island, Jeju, Korea. <i>Applied Geochemistry</i> , 2012, 27, 37-43.	1.4	58
25	Speciation and Sources of Brown Carbon in Precipitation at Seoul, Korea: Insights from Excitation-Emission Matrix Spectroscopy and Carbon Isotopic Analysis. <i>Environmental Science &amp; Technology</i> , 2017, 51, 11580-11587.	4.6	57
26	Radium tracing of submarine groundwater discharge (SGD) and associated nutrient fluxes in a highly-permeable bed coastal zone, Korea. <i>Marine Chemistry</i> , 2008, 109, 307-317.	0.9	56
27	Dissolved organic matter in the subterranean estuary of a volcanic island, Jeju: Importance of dissolved organic nitrogen fluxes to the ocean. <i>Journal of Sea Research</i> , 2013, 78, 18-24.	0.6	55
28	Large deficiency of polonium in the oligotrophic ocean's interior. <i>Earth and Planetary Science Letters</i> , 2001, 192, 15-21.	1.8	54
29	Atmospheric depositional fluxes of trace elements, $^{210}\text{Pb}$ , and $^7\text{Be}$ to the Sargasso Sea. <i>Global Biogeochemical Cycles</i> , 1999, 13, 1183-1192.	1.9	53
30	Dissolved organic carbon in the precipitation of Seoul, Korea: Implications for global wet depositional flux of fossil-fuel derived organic carbon. <i>Atmospheric Environment</i> , 2012, 59, 117-124.	1.9	52
31	Rare earth element distributions and fractionation in plankton from the northwestern Mediterranean Sea. <i>Chemosphere</i> , 2015, 119, 72-82.	4.2	51
32	Green tide development associated with submarine groundwater discharge in a coastal harbor, Jeju, Korea. <i>Scientific Reports</i> , 2017, 7, 6325.	1.6	48
33	Geochemistry of alkaline earth elements (Mg, Ca, Sr, Ba) in the surface sediments of the Yellow Sea. <i>Chemical Geology</i> , 1999, 153, 1-10.	1.4	46
34	An efficient and simple method for measuring $^{226}\text{Ra}$ using the scintillation cell in a delayed coincidence counting system (RaDeCC). <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1859-1862.	0.9	42
35	Submarine groundwater discharge as a main source of rare earth elements in coastal waters. <i>Marine Chemistry</i> , 2014, 160, 11-17.	0.9	42
36	Determining groundwater Ra end-member values for the estimation of the magnitude of submarine groundwater discharge using Ra isotope tracers. <i>Geophysical Research Letters</i> , 2016, 43, 3865-3871.	1.5	42

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37	Intercalibration studies of <sup>210</sup> Po and <sup>210</sup> Pb in dissolved and particulate seawater samples. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 776-789.	1.0	41
38	Factors controlling excess radium in the Nakdong River estuary, Korea: submarine groundwater discharge versus desorption from riverine particles. <i>Marine Chemistry</i> , 2002, 78, 1-8.	0.9	40
39	Hydrographically mediated patterns of photosynthetic pigments in the East/Japan Sea: Low N:P ratios and cyanobacterial dominance. <i>Journal of Marine Systems</i> , 2010, 82, 72-79.	0.9	37
40	and in the South-equatorial Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999, 46, 907-917.	0.6	34
41	The significant inputs of trace elements and rare earth elements from melting glaciers in Antarctic coastal waters. <i>Polar Research</i> , 2015, 34, 24289.	1.6	34
42	Inputs of humic fluorescent dissolved organic matter via submarine groundwater discharge to coastal waters off a volcanic island (Jeju, Korea). <i>Scientific Reports</i> , 2017, 7, 7921.	1.6	34
43	Dissolved total hydrolyzable enantiomeric amino acids in precipitation: Implications on bacterial contributions to atmospheric organic matter. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 153, 1-14.	1.6	33
44	The fallout isotope <sup>207</sup> Bi in a Delaware salt marsh: a comparison with <sup>210</sup> Pb and <sup>137</sup> Cs as a geochronological tool. <i>Science of the Total Environment</i> , 1997, 196, 31-41.	3.9	32
45	Tracing terrestrial versus marine sources of dissolved organic carbon in a coastal bay using stable carbon isotopes. <i>Biogeosciences</i> , 2020, 17, 135-144.	1.3	32
46	Importance of colored dissolved organic matter (CDOM) inputs from the deep sea to the euphotic zone: Results from the East (Japan) Sea. <i>Marine Chemistry</i> , 2015, 169, 33-40.	0.9	31
47	Significant anaerobic production of fluorescent dissolved organic matter in the deep East Sea (Sea of Japan). <i>Journal of Marine Research</i> , 2015, 73, 1-14.	1.5	31
48	Excess <sup>210</sup> Po in the coastal atmosphere. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2000, 52, 74-80.	0.8	30
49	Evidence for Anthropogenic <sup>210</sup> Po in the Urban Atmosphere of Seoul, Korea. <i>Environmental Science &amp; Technology</i> , 2005, 39, 1519-1522.	4.6	30
50	Estimating submarine discharge of fresh groundwater from a volcanic island using a freshwater budget of the coastal water column. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	30
51	Enrichment of Excess <sup>210</sup> Po in Anoxic Ponds. <i>Environmental Science &amp; Technology</i> , 2005, 39, 4894-4899.	4.6	29
52	Factors controlling the C:N:P stoichiometry of dissolved organic matter in the N-limited, cyanobacteria-dominated East/Japan Sea. <i>Journal of Marine Systems</i> , 2013, 115-116, 1-9.	0.9	29
53	Accumulation records of radionuclides and trace metals in two contrasting Delaware salt marshes. <i>Marine Chemistry</i> , 2004, 87, 87-96.	0.9	28
54	Analytical Artifacts Associated with the Chelating Resin Extraction of Dissolved Rare Earth Elements in Natural Water Samples. <i>Aquatic Geochemistry</i> , 2010, 16, 611-620.	1.5	27

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55	Tracing the flow rate and mixing ratio of the Changjiang diluted water in the northwestern Pacific marginal seas using radium isotopes. <i>Geophysical Research Letters</i> , 2014, 41, 4637-4645.	1.5	27
56	Real-time monitoring of nutrient concentrations and red-tide outbreaks in the southern sea of Korea. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	26
57	Distribution patterns of chalcogens (S, Se, Te, and <sup>210</sup> Po) in various tissues of a squid, <i>Todarodes pacificus</i> . <i>Science of the Total Environment</i> , 2008, 392, 218-224.	3.9	26
58	Mass Balance of Total Mercury and Monomethylmercury in Coastal Embayments of a Volcanic Island: Significance of Submarine Groundwater Discharge. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9891-9900.	4.6	26
59	Distributions of transition elements in the surface sediments of the Yellow Sea. <i>Continental Shelf Research</i> , 1998, 18, 1531-1542.	0.9	25
60	Submarine groundwater discharge in tidal flats revealed by space-borne synthetic aperture radar. <i>Remote Sensing of Environment</i> , 2011, 115, 793-800.	4.6	25
61	In-situ production of humic-like fluorescent dissolved organic matter during <i>Cochlodinium polykrikoides</i> blooms. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 203, 119-126.	0.9	25
62	Significant and conservative long-range transport of dissolved organic nutrients in the Changjiang diluted water. <i>Scientific Reports</i> , 2018, 8, 12768.	1.6	24
63	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
64	Significant production of humic fluorescent dissolved organic matter in the continental shelf waters of the northwestern Pacific Ocean. <i>Scientific Reports</i> , 2018, 8, 4887.	1.6	23
65	Measurement of Cosmogenic <sup>35</sup> S Activity in Rainwater and Lake Water. <i>Analytical Chemistry</i> , 2005, 77, 3390-3393.	3.2	22
66	Important role of colloids in the cycling of <sup>210</sup> Po and <sup>210</sup> Pb in the ocean: Results from the East/Japan Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 134-142.	1.6	22
67	Sources, fluxes, and behaviors of fluorescent dissolved organic matter (FDOM) in the Nakdong River Estuary, Korea. <i>Biogeosciences</i> , 2018, 15, 1115-1122.	1.3	22
68	Prevailing Subsurface Chlorophyll Maximum (SCM) Layer in the East Sea and Its Relation to the Physico-Chemical Properties of Water Masses. <i>Ocean and Polar Research</i> , 2012, 34, 413-430.	0.3	22
69	Groundwater flow and phosphate dynamics surrounding a high discharge wastewater disposal well in the Florida Keys. <i>Journal of Hydrology</i> , 2003, 284, 193-210.	2.3	21
70	Uncertainties in the preparation of <sup>224</sup> Ra Mn fiber standards. <i>Marine Chemistry</i> , 2008, 109, 220-225.	0.9	21
71	Significance of submarine groundwater discharge in the coastal fluxes of mercury in Hampyeong Bay, Yellow Sea. <i>Chemosphere</i> , 2013, 91, 320-327.	4.2	21
72	Nutrient input from submarine groundwater discharge versus intermittent river-water discharge through an artificial dam in the Yeongsan River estuary, Korea. <i>Ocean Science Journal</i> , 2010, 45, 179-186.	0.6	20

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73	Strong linkages between surface and deep-water dissolved organic matter in the East/Japan Sea. <i>Biogeosciences</i> , 2017, 14, 2561-2570.	1.3	20
74	A practical and accurate method for the determination of <sup>234</sup> Th simultaneously with <sup>210</sup> Po and <sup>210</sup> Pb in seawater. <i>Talanta</i> , 1999, 49, 851-858.	2.9	19
75	The release of dissolved actinium to the ocean: A global comparison of different end-members. <i>Marine Chemistry</i> , 2008, 109, 409-420.	0.9	19
76	Changes in seawater N : P ratios in the northwestern Pacific Ocean in response to increasing atmospheric N deposition: Results from the East (Japan) Sea. <i>Limnology and Oceanography</i> , 2013, 58, 1907-1914.	1.6	19
77	Wet deposition of trace elements and radon daughter systematics in the South and equatorial Atlantic atmosphere. <i>Global Biogeochemical Cycles</i> , 2002, 16, 19-1-19-8.	1.9	18
78	Atmospheric depositional fluxes of cosmogenic <sup>35</sup> S and <sup>7</sup> Be: Implications for the turnover rate of sulfur through the biosphere. <i>Atmospheric Environment</i> , 2011, 45, 4230-4234.	1.9	18
79	Sulfur isotope and chemical compositions of the wet precipitation in two major urban areas, Seoul and Busan, Korea. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 415-425.	1.0	18
80	Dependence of pH in coastal waters on the adsorption of protons onto sediment minerals. <i>Limnology and Oceanography</i> , 2015, 60, 831-839.	1.6	18
81	Role of colloids in the discharge of trace elements and rare earth elements from coastal groundwater to the ocean. <i>Marine Chemistry</i> , 2015, 176, 126-132.	0.9	18
82	Stable Carbon Isotopes Suggest Large Terrestrial Carbon Inputs to the Global Ocean. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006684.	1.9	18
83	Significant emissions of <sup>210</sup> Po by coal burning into the urban atmosphere of Seoul, Korea. <i>Atmospheric Environment</i> , 2012, 54, 80-85.	1.9	17
84	How accurate are the <sup>234</sup> Th based particulate residence times in the ocean?. <i>Geophysical Research Letters</i> , 1999, 26, 619-622.	1.5	16
85	Dispersion and removal characteristics of tritium originated from nuclear power plants in the atmosphere. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 524-531.	0.9	15
86	Large seasonal variations in fine aerosol precipitation rates revealed using cosmogenic <sup>7</sup> Be as a tracer. <i>Science of the Total Environment</i> , 2019, 673, 1-6.	3.9	15
87	Rare earth elements in the East Sea (Japan Sea): Distributions, behaviors, and applications. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 19-28.	1.6	15
88	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
89	Submarine Groundwater Discharge (SGD) and Associated Nutrient Fluxes to the Coastal Ocean. <i>Global Change - the IGBP Series</i> , 2010, , 529-538.	2.1	15
90	Distribution of <sup>90</sup> Sr in coastal seawater, sediments and organisms off two atomic power stations in Korea. <i>Journal of Environmental Radioactivity</i> , 2002, 59, 105-112.	0.9	14

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91	Tracing river water versus wastewater sources of trace elements using rare earth elements in the Nakdong River estuarine waters. <i>Marine Pollution Bulletin</i> , 2020, 160, 111589.	2.3	14
92	Conservative behavior of terrestrial trace elements associated with humic substances in the coastal ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 308, 373-383.	1.6	14
93	Dependence of coastal water pH increases on submarine groundwater discharge off a volcanic island. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 15-21.	0.9	13
94	Removal of Refractory Dissolved Organic Carbon in the Amundsen Sea, Antarctica. <i>Scientific Reports</i> , 2020, 10, 1213.	1.6	13
95	Identifying sharp hydrographical changes in phytoplankton community structure using HPLC pigment signatures in coastal waters along Jeju Island, Korea. <i>Ocean Science Journal</i> , 2009, 44, 1-10.	0.6	12
96	Seasonal and spatial variations of tritium in precipitation in Northeast Asia (Korea) over the last 20 years. <i>Journal of Hydrology</i> , 2019, 574, 794-800.	2.3	12
97	Tracing the advection of organic carbon into the subsurface Sargasso Sea using a $^{228}\text{Ra}/^{226}\text{Ra}$ tracer. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	11
98	$^{228}\text{Ra}$ flux in the northwestern Pacific marginal seas: Implications for disproportionately large submarine groundwater discharge. <i>Ocean Science Journal</i> , 2015, 50, 195-202.	0.6	11
99	Satellite-Observed Chlorophyll-a Concentration Variability and Its Relation to Physical Environmental Changes in the East Sea (Japan Sea) from 2003 to 2015. <i>Estuaries and Coasts</i> , 2020, 43, 630-645.	1.0	10
100	Factors controlling the air ventilation of a limestone cave revealed by $^{222}\text{Rn}$ and $^{220}\text{Rn}$ tracers. <i>Geosciences Journal</i> , 2011, 15, 115-119.	0.6	9
101	Large temporal changes in contributions of groundwater-borne nutrients to coastal waters off a volcanic island. <i>Ocean Science Journal</i> , 2017, 52, 337-344.	0.6	9
102	Radium Tracing Cross-Shelf Fluxes of Nutrients in the Northwest Pacific Ocean. <i>Geophysical Research Letters</i> , 2019, 46, 11321-11328.	1.5	9
103	Trace elements (Fe, Mn, Co, Cu, Cd, and Ni) in the East Sea (Japan Sea): Distributions, boundary inputs, and scavenging processes. <i>Marine Chemistry</i> , 2022, 239, 104070.	0.9	9
104	Tracing Different Freshwater Sources for Nutrients and Dissolved Organic Matter in Coastal Waters off Jeju Island Using Radon. <i>Estuaries and Coasts</i> , 2020, 43, 487-495.	1.0	8
105	Anthropogenic gadolinium in lakes and rivers near metropolises in Korea. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 144-151.	1.7	8
106	Active exchange of water and nutrients between seawater and shallow pore water in intertidal sandflats. <i>Ocean Science Journal</i> , 2008, 43, 223-232.	0.6	7
107	Measurement of temporal and horizontal variations in $^{222}\text{Rn}$ activity in estuarine waters for tracing groundwater inputs. <i>Ocean Science Journal</i> , 2010, 45, 197-202.	0.6	7
108	Tracing the sources of nutrients fueling dinoflagellate red tides occurring along the coast of Korea using radium isotopes. <i>Scientific Reports</i> , 2019, 9, 15319.	1.6	7

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109	Biogeochemical alteration and fluxes of dissolved organic matter and nutrients in coastal bays. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106992.	0.9	7
110	Rapid and precise measurements of radon in water using a pulsed ionization chamber. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 245-252.	1.0	7
111	Rapid and Accurate Method for Determining <sup>234</sup> Th in Seawater: Fe Co-precipitation, UTEVA Extraction, and Micro-precipitation. <i>Ocean Science Journal</i> , 2021, 56, 378-384.	0.6	7
112	Tidal influence on the sea-to-air transfer of CH <sub>4</sub> in the coastal ocean. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2006, 58, 88-94.	0.8	6
113	Estimating benthic fluxes of trace elements to hypoxic coastal waters using <sup>210</sup> Po. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 324-330.	0.9	6
114	Large seasonal changes in the recharge of seawater in a subterranean estuary revealed by a radon tracer. <i>Hydrological Processes</i> , 2016, 30, 2525-2532.	1.1	6
115	Po-210 in the Environment: Biogeochemical Cycling and Bioavailability. <i>Advances in Isotope Geochemistry</i> , 2012, , 271-284.	1.4	6
116	Tracing the Atmospheric Input of Seawater-Dissolvable Pb Based on the Budget of <sup>210</sup> Pb in the East Sea (Japan Sea). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
117	Large fluxes of continental-shelf-borne dissolved organic carbon in the East China Sea and the Yellow Sea. <i>Marine Chemistry</i> , 2022, 240, 104097.	0.9	6
118	Comparison of S, Se, and <sup>210</sup> Po accumulation patterns in common squid <i>Todarodes pacificus</i> from the Yellow Sea and East/Japan Sea. <i>Ocean Science Journal</i> , 2013, 48, 215-224.	0.6	5
119	Desorption of phosphate on sandy sediments by silicate in groundwater. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 257, 184-190.	1.6	5
120	Characterizing the origins of dissolved organic carbon in coastal seawater using stable carbon isotope and light absorption characteristics. <i>Biogeosciences</i> , 2021, 18, 1793-1801.	1.3	5
121	Conditions of nutrients and dissolved organic matter for the outbreaks of Paralytic Shellfish Poisoning (PSP) in Jinhae Bay, Korea. <i>Marine Pollution Bulletin</i> , 2020, 158, 111381.	2.3	3
122	Sediment-Derived Dissolved Organic Matter Stimulates Heterotrophic Prokaryotes Metabolic Activity in Overlying Deep Sea in the Ulleung Basin, East Sea. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	3
123	Decline in the Nutrient Inventories of the Upper Subtropical Northwest Pacific Ocean. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
124	Quantitative estimation of submarine groundwater discharge using airborne thermal infrared data acquired at two different tidal heights. <i>Hydrological Processes</i> , 2019, 33, 1089-1100.	1.1	2
125	Fluorescent Dissolved Organic Matter (FDOM) in the East Sea (Japan Sea): Distributions, Sources, and Sinks. <i>Ocean Science Journal</i> , 2021, 56, 132-140.	0.6	2
126	Editorial: Physics and Biogeochemistry of the East Asian Marginal Seas. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2



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127	Contrasting Behaviors of <sup>210</sup> Pb and <sup>210</sup> Po in the Productive Shelf Water Versus the Oligotrophic Water. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
128	Uranium Series Radionuclides. , 2016, , 191-199.		0
129	Sources and Behavior of Particulate Organic Carbon in the Yellow Sea and the East China Sea Based on <sup>13</sup> C, <sup>14</sup> C, and <sup>234</sup> Th. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	0