

Gui-Peng Yang

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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.

200
papers

2,910
citations

28
h-index

42
g-index

210
ext. papers

3,549
ext. citations

4.8
avg, IF

5.61
L-index

#	Paper	IF	Citations
200	Polycyclic aromatic hydrocarbons in the sediments of the South China Sea. <i>Environmental Pollution</i> , 2000 , 108, 163-71	9.3	165
199	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <i>Nature Microbiology</i> , 2017 , 2, 17009	26.6	123
198	Occurrence, distribution, and ecological risks of phthalate esters in the seawater and sediment of Changjiang River Estuary and its adjacent area. <i>Science of the Total Environment</i> , 2018 , 619-620, 93-102	10.2	91
197	Photochemical degradation of dimethyl phthalate by Fenton reagent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004 , 161, 215-220	4.7	87
196	Oxidative degradation of diethyl phthalate by photochemically-enhanced Fenton reaction. <i>Journal of Hazardous Materials</i> , 2005 , 126, 112-8	12.8	81
195	Distribution and ecotoxicological state of phthalate esters in the sea-surface microlayer, seawater and sediment of the Bohai Sea and the Yellow Sea. <i>Environmental Pollution</i> , 2018 , 240, 235-247	9.3	62
194	Temporal and spatial variations of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the East China Sea and the Yellow Sea. <i>Continental Shelf Research</i> , 2011 , 31, 1325-1335	2.4	58
193	Studies on the sorption behaviors of nitrobenzene on marine sediments. <i>Chemosphere</i> , 2003 , 52, 917-258.4		58
192	Biogenic emission of dimethylsulfide (DMS) from the North Yellow Sea, China and its contribution to sulfate in aerosol during summer. <i>Atmospheric Environment</i> , 2009 , 43, 2196-2203	5.3	56
191	Distribution and cycling of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the sea-surface microlayer of the Yellow Sea, China, in spring. <i>Continental Shelf Research</i> , 2008 , 28, 2417-2427 ⁴	2.4	50
190	Spatial variation of biogenic sulfur in the south Yellow Sea and the East China Sea during summer and its contribution to atmospheric sulfate aerosol. <i>Science of the Total Environment</i> , 2014 , 488-489, 157-67	10.2	49
189	Molecular insight into bacterial cleavage of oceanic dimethylsulfoniopropionate into dimethyl sulfide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1026-31 ⁵	11.5	46
188	Distribution of dimethylsulfide and dimethylsulfoniopropionate in the Yellow Sea and the East China Sea during spring: Spatio-temporal variability and controlling factors. <i>Marine Chemistry</i> , 2012 , 138-139, 21-31	3.7	42
187	Speciation and spatial distribution of solid-phase iron in surface sediments of the East China Sea continental shelf. <i>Applied Geochemistry</i> , 2012 , 27, 892-905	3.5	39
186	Dimethylsulfide enrichment in the surface microlayer of the South China Sea. <i>Marine Chemistry</i> , 1999 , 66, 215-224	3.7	36
185	Distribution of dibenzothiophene in the sediments of the South China Sea ¹¹ To avoid further delay, this paper is published without author corrections.. <i>Environmental Pollution</i> , 1998 , 101, 405-414	9.3	35
184	Adsorption of Dibenzothiophene on Marine Sediments Treated by a Sequential Procedure. <i>Journal of Colloid and Interface Science</i> , 1997 , 192, 398-407	9.3	33

183	In situ, high-resolution DGT measurements of dissolved sulfide, iron and phosphorus in sediments of the East China Sea: Insights into phosphorus mobilization and microbial iron reduction. <i>Marine Pollution Bulletin</i> , 2017 , 124, 400-410	6.7	32
182	Study on Adsorption of Chlorobenzene on Marine Sediment. <i>Journal of Colloid and Interface Science</i> , 2001 , 243, 273-279	9.3	31
181	Dimethylsulfide in the surface water of the East China Sea. <i>Continental Shelf Research</i> , 2000 , 20, 69-82	2.4	31
180	Reactive iron and its buffering capacity towards dissolved sulfide in sediments of Jiaozhou Bay, China. <i>Marine Environmental Research</i> , 2012 , 80, 46-55	3.3	30
179	Distribution of dimethylsulfide and dimethylsulfoniopropionate in the surface microlayer and subsurface water of the Yellow Sea, China during spring. <i>Journal of Marine Systems</i> , 2006 , 62, 22-34	2.7	30
178	Distribution and cycling of dimethylsulfide in surface microlayer and subsurface seawater. <i>Marine Chemistry</i> , 2001 , 76, 137-153	3.7	30
177	Biogeochemistry of dimethylsulfide in the South China Sea. <i>Journal of Marine Research</i> , 1999 , 57, 189-211.5		30
176	Concentration and characterization of dissolved organic matter in the surface microlayer and subsurface water of the Bohai Sea, China. <i>Continental Shelf Research</i> , 2013 , 52, 97-107	2.4	29
175	Biogeochemistry of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the surface microlayer of the western North Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005 , 52, 553-567	2.5	29
174	Formation and burial of pyrite and organic sulfur in mud sediments of the East China Sea inner shelf: Constraints from solid-phase sulfur speciation and stable sulfur isotope. <i>Continental Shelf Research</i> , 2013 , 54, 24-36	2.4	28
173	Biogeochemistry of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the surface microlayer and subsurface water of the western North Atlantic during spring. <i>Marine Chemistry</i> , 2005 , 96, 315-329	3.7	28
172	Sorption behavior of nonylphenol on marine sediments: effect of temperature, medium, sediment organic carbon and surfactant. <i>Marine Pollution Bulletin</i> , 2011 , 62, 2362-9	6.7	27
171	Sorption behavior of 2,4-dichlorophenol on marine sediment. <i>Journal of Colloid and Interface Science</i> , 2003 , 265, 251-6	9.3	27
170	Adsorption of methomyl on marine sediments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 264, 179-186	5.1	27
169	Spatial distributions of dimethylsulfide in the South China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000 , 47, 177-192	2.5	27
168	Sulfur and iron diagenesis in temperate unsteady sediments of the East China Sea inner shelf and a comparison with tropical mobile mud belts (MMBs). <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 2811-2828	3.7	26
167	Determination of Phthalic Acid Esters in Seawater and Sediment by Solid-phase Microextraction and Gas Chromatography-Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2017 , 45, 348-356 ^{1.6}		25
166	Pollution characteristics, spatial variation, and potential risks of phthalate esters in the water-sediment system of the Yangtze River estuary and its adjacent East China Sea. <i>Environmental Pollution</i> , 2020 , 265, 114913	9.3	25

165	Sources, behaviors and degradation of dissolved organic matter in the East China Sea. <i>Journal of Marine Systems</i> , 2016 , 155, 84-97	2.7	25
164	Photochemical behavior of dissolved and colloidal organic matter in estuarine and oceanic waters. <i>Science of the Total Environment</i> , 2017 , 607-608, 214-224	10.2	25
163	Spatial variations of dimethylsulfide and dimethylsulfoniopropionate in the surface microlayer and in the subsurface waters of the South China Sea during springtime. <i>Marine Environmental Research</i> , 2008 , 65, 85-97	3.3	25
162	Distribution of biogenic sulfur in the Bohai Sea and northern Yellow Sea and its contribution to atmospheric sulfate aerosol in the late fall. <i>Marine Chemistry</i> , 2015 , 169, 23-32	3.7	23
161	Adsorption of Dimethyl Phthalate on Marine Sediments. <i>Water, Air, and Soil Pollution</i> , 2004 , 157, 179-192.6		23
160	Distributions and seasonal variations of dissolved carbohydrates in the Jiaozhou Bay, China. <i>Estuarine, Coastal and Shelf Science</i> , 2010 , 88, 12-20	2.9	22
159	Iron geochemistry and organic carbon preservation by iron (oxyhydr)oxides in surface sediments of the East China Sea and the south Yellow Sea. <i>Journal of Marine Systems</i> , 2018 , 178, 62-74	2.7	21
158	Perfluoroalkyl acids in surface sediments of the East China Sea. <i>Environmental Pollution</i> , 2017 , 231, 59-67.3	3.3	21
157	Effects of microplastics exposure on ingestion, fecundity, development, and dimethylsulfide production in <i>Tigriopus japonicus</i> (Harpacticoida, copepod). <i>Environmental Pollution</i> , 2020 , 267, 115429	9.3	21
156	Application of chitosan microspheres as carriers of LH-RH analogue TX46. <i>Reactive and Functional Polymers</i> , 2006 , 66, 893-901	4.6	20
155	Seasonal variation in chromophoric dissolved organic matter and relationships among fluorescent components, absorption coefficients and dissolved organic carbon in the Bohai Sea, the Yellow Sea and the East China Sea. <i>Journal of Marine Systems</i> , 2018 , 180, 9-23	2.7	19
154	Seasonal variation and biogeochemical cycling of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the Yellow Sea and Bohai Sea. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 8897-8915	3.3	19
153	Distribution of dissolved free amino acids, dissolved inorganic nitrogen and chlorophyll a in the surface microlayer and subsurface water of the Yellow Sea, China. <i>Continental Shelf Research</i> , 2009 , 29, 1737-1747	2.4	19
152	Distributions and sea-to-air fluxes of volatile halocarbons in the East China Sea in early winter. <i>Chemosphere</i> , 2013 , 90, 747-57	8.4	18
151	Distributions and fluxes of methyl chloride and methyl bromide in the East China Sea and the Southern Yellow Sea in autumn. <i>Marine Chemistry</i> , 2010 , 118, 75-84	3.7	18
150	Spatio-temporal distributions of chlorofluorocarbons and methyl iodide in the Changjiang (Yangtze River) estuary and its adjacent marine area. <i>Marine Pollution Bulletin</i> , 2016 , 103, 247-259	6.7	17
149	Distributions and sea-to-air fluxes of chloroform, trichloroethylene, tetrachloroethylene, chlorodibromomethane and bromoform in the Yellow Sea and the East China Sea during spring. <i>Environmental Pollution</i> , 2013 , 177, 28-37	9.3	17
148	Novel Insights Into Bacterial Dimethylsulfoniopropionate Catabolism in the East China Sea. <i>Frontiers in Microbiology</i> , 2018 , 9, 3206	5.7	17

147	Halocarbons in the marine atmosphere and surface seawater of the south Yellow Sea during spring. <i>Atmospheric Environment</i> , 2013 , 80, 514-523	5.3	16
146	The response of the carbonate system to a green algal bloom during the post-bloom period in the southern Yellow Sea. <i>Continental Shelf Research</i> , 2015 , 94, 1-7	2.4	16
145	Biogenic sulfur distribution and cycling in the surface microlayer and subsurface water of Funka Bay and its adjacent area. <i>Continental Shelf Research</i> , 2005 , 25, 557-570	2.4	16
144	Biogeochemistry of dimethylsulfoniopropionate, dimethylsulfide and acrylic acid in the Yellow Sea and the Bohai Sea during autumn. <i>Environmental Chemistry</i> , 2016 , 13, 127	3.2	15
143	Distribution, flux, and photoproduction of carbon monoxide in the East China Sea and Yellow Sea in spring. <i>Journal of Geophysical Research</i> , 2011 , 116,		15
142	Bacteria are important dimethylsulfoniopropionate producers in marine aphotic and high-pressure environments. <i>Nature Communications</i> , 2020 , 11, 4658	17.4	15
141	Spatial distributions of dimethyl sulfur compounds, DMSP-lyase activity, and phytoplankton community in the East China Sea during fall. <i>Biogeochemistry</i> , 2017 , 133, 59-72	3.8	14
140	Spatiotemporal distribution characteristics and environmental control factors of biogenic dimethylated sulfur compounds in the East China Sea during spring and autumn. <i>Limnology and Oceanography</i> , 2018 , 63, S280-S298	4.8	14
139	Spatio-temporal variations of sea surface halocarbon concentrations and fluxes from southern Yellow Sea. <i>Biogeochemistry</i> , 2014 , 121, 369-388	3.8	14
138	Study on the sorption behaviors of Tween-80 on marine sediments. <i>Chemosphere</i> , 2010 , 79, 1019-25	8.4	14
137	Studies on the sorption behaviors of phenanthrene on marine sediments. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2169-76	3.8	14
136	Distributions of dissolved monosaccharides and polysaccharides in the surface microlayer and surface water of the Jiaozhou Bay and its adjacent area. <i>Continental Shelf Research</i> , 2013 , 63, 85-93	2.4	13
135	Distribution of dimethylsulfide and dimethylsulfoniopropionate and its relation with phytoneuston in the surface microlayer of the western North Atlantic during summer. <i>Biogeochemistry</i> , 2009 , 94, 243-254	3.8	13
134	Study on the sorption of 2-naphthol on marine sediments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 211, 259-266	5.1	13
133	Phthalic acid esters in the sea-surface microlayer, seawater and sediments of the East China Sea: Spatiotemporal variation and ecological risk assessment. <i>Environmental Pollution</i> , 2020 , 259, 113802	9.3	13
132	Temporal and spatial variations of three dimethylated sulfur compounds in the Changjiang Estuary and its adjacent area during summer and winter. <i>Environmental Chemistry</i> , 2017 , 14, 160	3.2	12
131	Distributions and sources of volatile chlorocarbons and bromocarbons in the Yellow Sea and East China Sea. <i>Marine Pollution Bulletin</i> , 2015 , 95, 491-502	6.7	12
130	Purge- trap Gas Chromatography and Mass Spectrometric Method for Analysis of Isoprene in Natural Waters. <i>Chinese Journal of Analytical Chemistry</i> , 2015 , 43, 333-337	1.6	12

129	Distribution and sea-air fluxes of biogenic gases and relationships with phytoplankton and nutrients in the central basin of the South China Sea during summer. <i>Marine Chemistry</i> , 2018 , 200, 33-44	3.7	12
128	Temporal and spatial variations of particulate and dissolved amino acids in the East China Sea. <i>Marine Chemistry</i> , 2016 , 186, 133-144	3.7	12
127	Kinetic characterization on reductive reactivity of iron(III) oxides in surface sediments of the East China Sea and the influence of repeated redox cycles: Implications for microbial iron reduction. <i>Applied Geochemistry</i> , 2014 , 42, 16-26	3.5	12
126	Study on the sorption behaviour of estrone on marine sediments. <i>Marine Pollution Bulletin</i> , 2013 , 76, 220-6	6.7	12
125	Reactive Iron and Iron-Bound Organic Carbon in Surface Sediments of the River-Dominated Bohai Sea (China) Versus the Southern Yellow Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 79-98	3.7	12
124	Mixing behavior and photobleaching of chromophoric dissolved organic matter in the Changjiang River estuary and the adjacent East China Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2018 , 207, 422-434	2.9	12
123	Distributions of dimethylsulfide and its related compounds in the Yangtze (Changjiang) River Estuary and its adjacent waters in early summer. <i>Continental Shelf Research</i> , 2017 , 146, 89-101	2.4	11
122	Iron geochemistry in surface sediments of a temperate semi-enclosed bay, North China. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 165, 25-35	2.9	11
121	Sources and degradation of sedimentary organic matter in the mud belt of the East China Sea: Implications from the enantiomers of amino acids. <i>Organic Geochemistry</i> , 2018 , 116, 51-61	3.1	11
120	Humic sulfur in eutrophic bay sediments: Characterization by sulfur stable isotopes and K-edge XANES spectroscopy. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 138, 121-129	2.9	11
119	Quick sulfide buffering in inner shelf sediments of the East China Sea impacted by eutrophication. <i>Environmental Earth Sciences</i> , 2014 , 71, 465-473	2.9	11
118	Vernal distribution and turnover of dimethylsulfide (DMS) in the surface water of the Yellow Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016 , 121, 7495-7516	3.3	11
117	Spatial Distribution and Biogeochemical Cycling of Dimethylated Sulfur Compounds and Methane in the East China Sea During Spring. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 1074-1090	3.3	11
116	Assessment of DMSP turnover reveals a non-bioavailable pool of dissolved DMSP in coastal waters of the Gulf of Mexico. <i>Environmental Chemistry</i> , 2016 , 13, 266	3.2	10
115	Distribution and sea-to-air flux of isoprene in the East China Sea and the South Yellow Sea during summer. <i>Chemosphere</i> , 2017 , 178, 291-300	8.4	10
114	Spatial distributions and sea-to-air fluxes of non-methane hydrocarbons in the atmosphere and seawater of the Western Pacific Ocean. <i>Science of the Total Environment</i> , 2019 , 672, 491-501	10.2	10
113	DMSP-Producing Bacteria Are More Abundant in the Surface Microlayer than Subsurface Seawater of the East China Sea. <i>Microbial Ecology</i> , 2020 , 80, 350-365	4.4	10
112	Evidence for the mutual effects of dimethylsulfoniopropionate and nitric oxide during the growth of marine microalgae. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 42, 54-61	5	10

111	Late autumn to spring changes in the inorganic and organic carbon dissolved in the water column at Scholaert Channel, West Antarctica. <i>Antarctic Science</i> , 2010 , 22, 145-156	1.7	10
110	Distribution, flux and biological consumption of carbon monoxide in the Southern Yellow Sea and the East China Sea. <i>Marine Chemistry</i> , 2010 , 122, 74-82	3.7	10
109	Spatiotemporal distributions of halocarbons in the marine boundary air and surface seawater of the Changjiang estuary and its adjacent East China Sea. <i>Marine Pollution Bulletin</i> , 2019 , 140, 227-240	6.7	9
108	Photoreactivities of two distinct dissolved organic matter pools in groundwater of a subarctic island. <i>Marine Chemistry</i> , 2018 , 202, 97-120	3.7	9
107	Spatial distribution of organic and pyritic sulfur in surface sediments of eutrophic Jiaozhou Bay, China: clues to anthropogenic impacts. <i>Marine Pollution Bulletin</i> , 2014 , 88, 284-91	6.7	9
106	Biogeochemistry of Dimethylsulfide, Dimethylsulfoniopropionate, and Acrylic Acid in the Changjiang Estuary and the East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 10245-10261	3.3	9
105	Chemical Characteristics of Aerosol Composition over the Yellow Sea and the East China Sea in Autumn*. <i>Journals of the Atmospheric Sciences</i> , 2013 , 70, 1784-1794	2.1	9
104	Preparation of porous chitosan/agarose microsphere and its R-phycoerythrin release properties. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 2759-2766	2.9	9
103	Sorption Behaviors of Sodium Dodecylbenzene Sulfonate (SDBS) on Marine Sediments. <i>Water, Air, and Soil Pollution</i> , 2008 , 194, 23-30	2.6	9
102	Enrichment and characterization of dissolved organic matter in the surface microlayer and subsurface water of the South Yellow Sea. <i>Marine Chemistry</i> , 2016 , 182, 1-13	3.7	9
101	Spatiotemporal variation characteristics and related affecting factors of dissolved carbohydrates in the East China Sea. <i>Continental Shelf Research</i> , 2015 , 108, 12-24	2.4	8
100	Optimization of sample preparation and chromatography for the determination of perfluoroalkyl acids in sediments from the Yangtze Estuary and East China Sea. <i>Chemosphere</i> , 2018 , 205, 524-530	8.4	8
99	Effect of black carbon on sorption and desorption of phosphorus onto sediments. <i>Marine Pollution Bulletin</i> , 2019 , 146, 435-441	6.7	8
98	Effects of Harpacticus sp. (Harpacticoida, copepod) grazing on dimethylsulfoniopropionate and dimethylsulfide concentrations in seawater. <i>Journal of Sea Research</i> , 2015 , 99, 17-25	1.9	8
97	Distribution of dissolved and particulate dimethylsulfoxide in the East China Sea in winter. <i>Marine Chemistry</i> , 2011 , 127, 199-209	3.7	8
96	Experimental studies on dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) production by four marine microalgae. <i>Acta Oceanologica Sinica</i> , 2010 , 29, 78-87	1	8
95	Purge-and-Trap Gas Chromatography Method for Analysis of Methyl Chloride and Methyl Bromide in Seawater. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 719-722	1.6	8
94	Biogeochemistry of Dimethylsulfoniopropionate (DMSP) in the Surface Microlayer and Subsurface Seawater of Funka Bay, Japan. <i>Journal of Oceanography</i> , 2005 , 61, 69-78	1.9	8

93	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021 , 10,	8.9	8
92	Impact of ocean acidification on phytoplankton assemblage, growth, and DMS production following Fe-dust additions in the NE Pacific high-nutrient, low-chlorophyll waters. <i>Biogeosciences</i> , 2016 , 13, 1677-1692	4.6	8
91	Atypical diagenesis of sulfur and iron in sediments of the river-dominated Bohai Sea (China). <i>Journal of Marine Systems</i> , 2019 , 189, 116-126	2.7	8
90	Distribution, degradation and bioavailability of dissolved organic matter in the East China Sea. <i>Biogeochemistry</i> , 2019 , 142, 189-207	3.8	8
89	Distribution and sea-to-air fluxes of volatile halocarbons in the Bohai Sea and North Yellow Sea during spring. <i>Science of the Total Environment</i> , 2017 , 584-585, 546-553	10.2	7
88	Spatial distribution of dimethylsulfide and dimethylsulfoniopropionate in the Yellow Sea and Bohai Sea during summer. <i>Chinese Journal of Oceanology and Limnology</i> , 2015 , 33, 1020-1038		7
87	Chemical Characteristics and Source Analysis of Aerosol Composition over the Bohai Sea and the Yellow Sea in Spring and Autumn. <i>Journals of the Atmospheric Sciences</i> , 2015 , 72, 3563-3573	2.1	7
86	Volatile halocarbons in the marine atmosphere and surface seawater: Diurnal and spatial variations and influences of environmental factors. <i>Atmospheric Environment</i> , 2019 , 214, 116820	5.3	7
85	Distribution, Occurrence, and Fate of Biogenic Dimethylated Sulfur Compounds in the Yellow Sea and Bohai Sea During Spring. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 5787-5800	3.3	7
84	Speciation and stable isotopic compositions of humic sulfur in mud sediment of the East China Sea: Constraints on origins and pathways of organic sulfur formation. <i>Organic Geochemistry</i> , 2013 , 63, 64-72	3.1	7
83	Temporal and spatial variations of dimethylsulfoxide in the Bohai Sea and the Yellow Sea. <i>Journal of Sea Research</i> , 2014 , 90, 33-43	1.9	7
82	Dietary effects on abundance and carbon utilization ability of DMSP-consuming bacteria associated with the copepod <i>Acartia tonsa</i> Dana. <i>Marine Biology Research</i> , 2013 , 9, 809-814	1	7
81	Distribution and characteristics of inorganic nutrients in the surface microlayer and subsurface water of the Bohai and Yellow Seas. <i>Continental Shelf Research</i> , 2018 , 168, 1-10	2.4	7
80	Annual variation of low-molecular-weight organic acids in the surface seawater of the Jiaozhou Bay. <i>Marine Chemistry</i> , 2017 , 194, 43-54	3.7	6
79	Spatial and Interannual Variability in Distributions and Cycling of Summer Biogenic Sulfur in the Bering Sea. <i>Geophysical Research Letters</i> , 2019 , 46, 4816-4825	4.9	6
78	Changes in concentrations of biogenic sulfur compounds in coastal waters off Qingdao, China during an <i>Ulva prolifera</i> bloom. <i>Marine Pollution Bulletin</i> , 2020 , 152, 110940	6.7	6
77	Impacts of elevated pCO ₂ on trace gas emissions in two microalgae: <i>Phaeocystis globosa</i> and <i>Nitzschia closterium</i> . <i>Environmental Chemistry</i> , 2017 , 14, 425	3.2	6
76	Determination of dissolved nitric oxide in coastal waters of the Yellow Sea off Qingdao. <i>Ocean Science</i> , 2017 , 13, 623-632	4	6

75	Spatio-temporal variability and sources of volatile halocarbons in the South Yellow Sea and the East China Sea. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110583	6.7	6
74	Composition and characterization of colloidal organic matter in the coastal surface waters of Qingdao, China. <i>Marine Chemistry</i> , 2010 , 121, 123-131	3.7	6
73	Temporal and spatial distributions of carbonyl sulfide, dimethyl sulfide, and carbon disulfide in seawater and marine atmosphere of the Changjiang Estuary and its adjacent East China Sea. <i>Limnology and Oceanography</i> , 2019 , 64, 632-649	4.8	6
72	Distribution, flux and photoproduction of carbon monoxide in the Bohai and Yellow Seas. <i>Marine Chemistry</i> , 2015 , 168, 104-113	3.7	5
71	In-situ measurement of trace isoprene and dimethyl sulfide in seawater and oceanic atmosphere based on room temperature adsorption-thermal desorption. <i>Marine Chemistry</i> , 2020 , 222, 103787	3.7	5
70	A Study on the Release of Oil from Oil-Contaminated Sediment Through Laboratory Experiments. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	5
69	Direct Measurement of Nitric Oxide in Seawater Medium by Fluorometric Method. <i>Chinese Journal of Analytical Chemistry</i> , 2009 , 37, 1463-1467	1.6	5
68	Complexation of dimethylsulfide with mercuric ion in aqueous solutions. <i>Journal of Oceanography</i> , 2006 , 62, 473-480	1.9	5
67	Determination of Carbon Monoxide in Seawater by Headspace Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 352-356	1.6	5
66	Nitric oxide (NO) in the Bohai Sea and the Yellow Sea. <i>Biogeosciences</i> , 2019 , 16, 4485-4496	4.6	5
65	Low-molecular-weight organic acids as important factors impacting seawater acidification: A case study in the Jiaozhou Bay, China. <i>Science of the Total Environment</i> , 2020 , 727, 138458	10.2	5
64	Variation of biogenic dimethylated sulfur compounds in the Changjiang River Estuary and the coastal East China Sea during spring and summer. <i>Journal of Marine Systems</i> , 2019 , 199, 103222	2.7	4
63	Contrasting effects of acidification and warming on dimethylsulfide concentrations during a temperate estuarine fall bloom mesocosm experiment. <i>Biogeosciences</i> , 2019 , 16, 1167-1185	4.6	4
62	A new software of calculating the pH values of coastal seawater: Considering the effects of low molecular weight organic acids. <i>Marine Chemistry</i> , 2019 , 211, 108-116	3.7	4
61	Biological production and spatial variation of dimethylated sulfur compounds and their relation with plankton in the North Yellow Sea. <i>Continental Shelf Research</i> , 2015 , 102, 19-32	2.4	4
60	Photoproduction of nitric oxide in seawater. <i>Ocean Science</i> , 2020 , 16, 135-148	4	4
59	Bromoform, dibromochloromethane, and dibromomethane over the East China Sea and the western Pacific Ocean: Oceanic emission and spatial variation. <i>Chemosphere</i> , 2020 , 257, 127151	8.4	4
58	An adsorption and thermodynamic study of ofloxacin on marine sediments. <i>Environmental Chemistry</i> , 2017 , 14, 350	3.2	4

57	Composition of organic sulfur in riverine and marine sediments: Insights from sulfur stable isotopes and XANES spectroscopy. <i>Organic Geochemistry</i> , 2016 , 99, 102-112	3.1	4
56	Effects of ocean acidification and short-term light/temperature stress on biogenic dimethylated sulfur compounds cycling in the Changjiang River Estuary. <i>Environmental Chemistry</i> , 2019 , 16, 197	3.2	4
55	Reductive reactivity of iron(III) oxides in the east china sea sediments: characterization by selective extraction and kinetic dissolution. <i>PLoS ONE</i> , 2013 , 8, e80367	3.7	4
54	Seasonal and spatial variations of chloroform, trichloroethylene, tetrachloroethylene, chlorodibromomethane and bromoform in the Northern Yellow Sea and Bohai Sea. <i>Environmental Chemistry</i> , 2019 , 16, 114	3.2	4
53	Sources of nitric oxide during the outbreak of <i>Ulva prolifera</i> in coastal waters of the Yellow Sea off Qingdao. <i>Marine Environmental Research</i> , 2020 , 162, 105177	3.3	4
52	Emissions of biogenic sulfur compounds and their regulation by nutrients during an <i>Ulva prolifera</i> bloom in the Yellow Sea. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111885	6.7	4
51	Occurance, emission and environmental effects of non-methane hydrocarbons in the Yellow Sea and the East China Sea. <i>Environmental Pollution</i> , 2021 , 270, 116305	9.3	4
50	Occurrence and Turnover of Biogenic Sulfur in the Bering Sea During Summer. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 8567-8592	3.3	3
49	The satellite derived environmental factors and their relationships with dimethylsulfide in the East Marginal Seas of China. <i>Journal of Marine Systems</i> , 2020 , 204, 103305	2.7	3
48	Spatiotemporal variability, size and photoreactivity of chromophoric dissolved organic matter in the Bohai Sea and the northern Yellow Sea. <i>Journal of Marine Systems</i> , 2020 , 205, 103316	2.7	3
47	Diagenesis of sulfur, iron and phosphorus in sediments of an urban bay impacted by multiple anthropogenic perturbations. <i>Marine Pollution Bulletin</i> , 2019 , 146, 366-376	6.7	3
46	Role of <i>Calanus sinicus</i> (Copepoda, Calanoida) on Dimethylsulfide and Dimethylsulfoniopropionate Production in Jiaozhou Bay. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 2481-2498	3.7	3
45	Amino acids and amino sugars as indicators of the source and degradation state of sedimentary organic matter. <i>Marine Chemistry</i> , 2021 , 230, 103931	3.7	3
44	Effect of elevated $p\text{CO}_2$ on trace gas production during an ocean acidification mesocosm experiment. <i>Biogeosciences</i> , 2018 , 15, 6649-6658	4.6	3
43	Distribution Characteristics of Dimethylated Sulfur Compounds and Turnover of Dimethylsulfide in the Northern South China Sea During Summer. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005363	3.7	2
42	Acrylic acid and related dimethylated sulfur compounds in the Bohai and Yellow seas during summer and winter. <i>Biogeosciences</i> , 2020 , 17, 1991-2008	4.6	2
41	Combined effects of elevated temperature and $p\text{CO}_2$ on the production of DMSP and DMS in the culture of <i>Amphidinium carterae</i> . <i>Journal of Applied Phycology</i> , 2020 , 32, 1063-1074	3.2	2
40	Influence of coexisting contaminants on the sorption of ^{17}E estradiol by marine sediments. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010 , 45, 1815-22	2.3	2

39	Evaluation study for phosphorus mobilisation-release behaviour on different marine sediments: focus on phosphate sorption characteristics. <i>Environmental Chemistry</i> , 2019 , 16, 179	3.2	2
38	Distribution characteristics of low molecular weight organic acids in seawater of the Changjiang Estuary and its adjacent East China Sea: Implications for regional environmental conditions. <i>Marine Pollution Bulletin</i> , 2020 , 161, 111741	6.7	2
37	Oxidation of trimethylamine to trimethylamine -oxide facilitates high hydrostatic pressure tolerance in a generalist bacterial lineage. <i>Science Advances</i> , 2021 , 7,	14.3	2
36	Oceanic emissions of methyl halides and effect of nutrients concentration on their production: A case of the western Pacific Ocean (2°N to 24°N). <i>Science of the Total Environment</i> , 2021 , 769, 144488	10.2	2
35	Occurrence and cycle of dimethyl sulfide in the western Pacific Ocean. <i>Limnology and Oceanography</i> , 2021 , 66, 2868-2884	4.8	2
34	Spatial distribution and biogeochemical cycling of methyl iodide in the Yellow Sea and the East China Sea during summer. <i>Environmental Pollution</i> , 2021 , 276, 116749	9.3	2
33	Experimental evidence for long-term coexistence of copiotrophic and oligotrophic bacteria in pelagic surface seawater. <i>Environmental Microbiology</i> , 2021 , 23, 1162-1173	5.2	2
32	Mixing behavior, biological and photolytic degradation of dissolved organic matter in the East China Sea and the Yellow Sea. <i>Science of the Total Environment</i> , 2021 , 762, 143164	10.2	2
31	Emissions and potential controls of light alkenes from the marginal seas of China. <i>Science of the Total Environment</i> , 2021 , 758, 143655	10.2	2
30	Continuous Chemiluminescence Measurements of Dissolved Nitric Oxide (NO) and Nitrogen Dioxide (NO ₂) in the Ocean Surface Layer of the East China Sea. <i>Environmental Science & Technology</i> , 2021 , 55, 3668-3675	10.3	2
29	Source, distribution and degradation of sedimentary organic matter in the South Yellow Sea and East China Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 255, 107372	2.9	2
28	Stability and molecular fractionation of ferrihydrite-bound organic carbon during iron reduction by dissolved sulfide. <i>Chemical Geology</i> , 2022 , 594, 120774	4.2	2
27	Carbon monoxide distribution and microbial consumption in the Southern Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 163, 125-133	2.9	1
26	Occurrence and emissions of volatile sulfur compounds in the Changjiang estuary and the adjacent East China Sea. <i>Marine Chemistry</i> , 2022 , 238, 104062	3.7	1
25	Responses of biogenic sulfur compounds concentrations to dust aerosol enrichment and ocean acidification in the western Pacific Ocean. <i>Geophysical Research Letters</i> ,	4.9	1
24	Distribution and Dimethylsulfoniopropionate Degradation of Dimethylsulfoniopropionate-Consuming Bacteria in the Yellow Sea and East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017679	3.3	1
23	Purge-and-Trap Gas Chromatographic Method for the Analysis of Methyl Chloride and Methyl Bromide in Seawater. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 719-722	1.6	1
22	Effects of temperature and nutrients on the emissions of biogenic volatile sulfur compounds from <i>Ulva prolifera</i> during the bloom decline period. <i>Environmental Chemistry</i> , 2021 ,	3.2	1

21	Concentrations of CHCl ₃ , C ₂ HCl ₃ , C ₂ Cl ₄ , CHBr ₃ and CHBr ₂ Cl in the South Yellow Sea and the East China Sea during autumn. <i>Environmental Chemistry</i> , 2021 , 18, 226	3.2	1
20	Production, distribution and flux of dimethyl sulfide in the East China Sea and its contribution to atmospheric sulfate aerosols. <i>Environmental Chemistry</i> , 2021 ,	3.2	1
19	Springtime Spatial Distributions of Biogenic Sulfur Compounds in the Yangtze River Estuary and Their Responses to Seawater Acidification and Dust. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG006142	3.7	1
18	Crystal structures of α -glutamylmethylamide synthetase provide insight into bacterial metabolism of oceanic monomethylamine. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100081	5.4	1
17	Distributions of volatile halocarbons and impacts of ocean acidification on their production in coastal waters of China. <i>Science of the Total Environment</i> , 2021 , 752, 141756	10.2	1
16	Degradation of lipids in seasonal hypoxic seawater under different oxygen saturation. <i>Journal of Oceanology and Limnology</i> , 2018 , 36, 1570-1585	1.5	1
15	Seasonality of dimethylated sulfur compounds cycling in north China marginal seas. <i>Marine Pollution Bulletin</i> , 2021 , 170, 112635	6.7	1
14	Distribution and bioavailability of dissolved and particulate organic matter in different water masses of the Southern Yellow Sea and East China Sea. <i>Journal of Marine Systems</i> , 2021 , 222, 103596	2.7	1
13	Coastal observation of halocarbons in the Yellow Sea and East China Sea during winter: Spatial distribution and influence of different factors on the enzyme-mediated reactions. <i>Environmental Pollution</i> , 2021 , 290, 118022	9.3	1
12	Changes in dissolved organic pool and regulation of associated nutrients during green tides: A case study of <i>Ulva prolifera</i> bloom in the southern Yellow Sea.. <i>Science of the Total Environment</i> , 2022 , 155878	10.2	1
11	Growth, DMS and DMSP production in <i>Emiliania huxleyi</i> under elevated CO ₂ and UV radiation. <i>Environmental Pollution</i> , 2021 , 294, 118643	9.3	0
10	Seasonal Variation, Degradation, and Bioavailability of Dissolved Organic Matter in the Changjiang Estuary and its Adjacent East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC016648	3.3	0
9	Temporal and spatial distribution of dissolved amino acids in the surface microlayer and subsurface water of the Bohai Sea and the Yellow Sea. <i>Journal of Marine Systems</i> , 2021 , 219, 103543	2.7	0
8	Carbon Monoxide Cycle in the Bohai Sea and the Yellow Sea: Spatial Variability, Sea-Air Exchange, and Biological Consumption in Autumn. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 4248-4257	3.3	
7	Annual hypoxia causing long-term seawater acidification: Evidence from low-molecular-weight organic acids in the Changjiang Estuary and its adjacent sea area. <i>Science of the Total Environment</i> , 2021 , 151819	10.2	
6	Effects of nitric oxide on the growth of marine microalgae and carbonate chemistry parameters. <i>Marine Biology</i> , 2022 , 169, 1	2.5	
5	Production of dimethyl sulfide and acrylic acid from dissolved dimethylsulfoniopropionate during the growth of <i>Prorocentrum minimum</i> . <i>Journal of Applied Phycology</i> , 1	3.2	
4	Variability and composition of amino acids and amino sugars in sediment cores of the Changjiang Estuary. <i>Organic Geochemistry</i> , 2021 , 104330	3.1	

- 3 Occurrence, distribution, and sea-air fluxes of volatile halocarbons in the upper ocean off the northern Antarctic Peninsula in summer. *Science of the Total Environment*, **2021**, 758, 143947 10.2
- 2 Distributions of volatile halocarbons in the marine atmosphere and seawater of the northern South China Sea. *Marine Chemistry*, **2021**, 229, 103912 3.7
- 1 Spatiotemporal distribution and environmental control factors of halocarbons in the Yangtze River Estuary and its adjacent marine area during autumn and spring.. *Environmental Pollution*, **2022**, 119244 9.3