

Gui-Peng Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2445804/publications.pdf>

Version: 2024-02-01

205
papers

4,166
citations

136950
32
h-index

189892
50
g-index

210
all docs

210
docs citations

210
times ranked

3202
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and emissions of volatile sulfur compounds in the Changjiang estuary and the adjacent East China Sea. <i>Marine Chemistry</i> , 2022, 238, 104062.	2.3	6
2	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> , 2022, 818, 151819.	8.0	2
3	Effects of nitric oxide on the growth of marine microalgae and carbonate chemistry parameters. <i>Marine Biology</i> , 2022, 169, 1.	1.5	2
4	Growth, DMS and DMSP production in <i>Emiliana huxleyi</i> under elevated CO ₂ and UV radiation. <i>Environmental Pollution</i> , 2022, 294, 118643.	7.5	2
5	Transformation processes of biogenic dimethylated sulfur compounds in the northwestern Pacific continental sea. <i>Limnology and Oceanography</i> , 2022, 67, 903-917.	3.1	11
6	Annual Variations of Isoprene and Other Non-methane Hydrocarbons in the Jiaozhou Bay on the East Coast of North China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	2
7	Stability and molecular fractionation of ferrihydrite-bound organic carbon during iron reduction by dissolved sulfide. <i>Chemical Geology</i> , 2022, 594, 120774.	3.3	15
8	Effects of Phytoplankton on the Production and Emission of Estuarine Dimethyl Sulfide Under Different Nutrient Inputs From Changjiang River. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	2
9	Spatiotemporal distribution and environmental control factors of halocarbons in the Yangtze River Estuary and its adjacent marine area during autumn and spring. <i>Environmental Pollution</i> , 2022, 304, 119244.	7.5	1
10	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.	8.0	1
11	Spatio-temporal variation of Dissolved Organic Matter (DOM) in the Bohai Sea and the Yellow Sea. <i>Journal of Marine Systems</i> , 2022, 234, 103777.	2.1	3
12	Experimental evidence for long-term coexistence of copiotrophic and oligotrophic bacteria in pelagic surface seawater. <i>Environmental Microbiology</i> , 2021, 23, 1162-1173.	3.8	7
13	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.	5.0	7
14	Crystal structures of γ -glutamylmethylamide synthetase provide insight into bacterial metabolism of oceanic monomethylamine. <i>Journal of Biological Chemistry</i> , 2021, 296, 100081.	3.4	3
15	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.	8.0	18
16	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.	8.0	2
17	Emissions and potential controls of light alkenes from the marginal seas of China. <i>Science of the Total Environment</i> , 2021, 758, 143655.	8.0	9
18	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.	7.5	10

#	ARTICLE	IF	CITATIONS
19	Distributions of volatile halocarbons in the marine atmosphere and seawater of the northern South China Sea. <i>Marine Chemistry</i> , 2021, 229, 103912.	2.3	1
20	From what and to where? Celebrating the first 50 years of <i>Marine Pollution Bulletin</i> . <i>Marine Pollution Bulletin</i> , 2021, 162, 111897.	5.0	5
21	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.	10.0	6
22	Occurrence, distribution, and sea-air fluxes of volatile halocarbons in the upper ocean off the northern Antarctic Peninsula in summer. <i>Science of the Total Environment</i> , 2021, 758, 143947.	8.0	2
23	Amino acids and amino sugars as indicators of the source and degradation state of sedimentary organic matter. <i>Marine Chemistry</i> , 2021, 230, 103931.	2.3	9
24	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.	2.6	5
25	Oxidation of trimethylamine to trimethylamine N-oxide facilitates high hydrostatic pressure tolerance in a generalist bacterial lineage. <i>Science Advances</i> , 2021, 7, .	10.3	17
26	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.	3.0	7
27	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.	8.0	7
28	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021, 10, .	6.0	38
29	Occurrence and cycle of dimethyl sulfide in the western Pacific Ocean. <i>Limnology and Oceanography</i> , 2021, 66, 2868-2884.	3.1	20
30	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.	7.5	4
31	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.	2.1	7
32	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.	2.1	2
33	Seasonality of dimethylated sulfur compounds cycling in north China marginal seas. <i>Marine Pollution Bulletin</i> , 2021, 170, 112635.	5.0	8
34	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.	2.1	5
35	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.	7.5	2
36	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, , .	1.5	2

#	ARTICLE	IF	CITATIONS
37	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.	1.5	2
38	Variability and composition of amino acids and amino sugars in sediment cores of the Changjiang Estuary. <i>Organic Geochemistry</i> , 2021, , 104330.	1.8	0
39	Production, distribution and flux of dimethyl sulfide in the East China Sea and its contribution to atmospheric sulfate aerosols. <i>Environmental Chemistry</i> , 2021, 18, 202-213.	1.5	3
40	Responses of Biogenic Sulfur Compound Concentrations to Dust Aerosol Enrichment and Ocean Acidification in the Western Pacific Ocean. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	8
41	Distribution and Dimethylsulfoniopropionate Degradation of Dimethylsulfoniopropionateâ€Consuming Bacteria in the Yellow Sea and East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017679.	2.6	5
42	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.	7.5	27
43	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.	7.5	44
44	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.	5.0	5
45	Bacteria are important dimethylsulfoniopropionate producers in marine aphotic and high-pressure environments. <i>Nature Communications</i> , 2020, 11, 4658.	12.8	62
46	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.	2.5	5
47	Photoproduction of nitric oxide in seawater. <i>Ocean Science</i> , 2020, 16, 135-148.	3.4	10
48	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.	3.0	8
49	Pollution characteristics, spatial variation, and potential risks of phthalate esters in the waterâ€sediment system of the Yangtze River estuary and its adjacent East China Sea. <i>Environmental Pollution</i> , 2020, 265, 114913.	7.5	55
50	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.	2.3	6
51	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.	8.2	5
52	Acrylic acid and related dimethylated sulfur compounds in the Bohai and Yellow seas during summer and winter. <i>Biogeosciences</i> , 2020, 17, 1991-2008.	3.3	7
53	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.	5.0	7
54	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.	2.1	6

#	ARTICLE	IF	CITATIONS
55	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.	2.1	6
56	Combined effects of elevated temperature and pCO 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.	2.8	4
57	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.	2.8	28
58	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.	8.0	8
59	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.	2.6	2
60	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.	1.5	8
61	Effect of black carbon on sorption and desorption of phosphorus onto sediments. <i>Marine Pollution Bulletin</i> , 2019, 146, 435-441.	5.0	12
62	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.	5.0	6
63	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.	4.1	11
64	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.	5.0	6
65	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.	3.0	5
66	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.	2.6	16
67	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.	2.1	13
68	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.	8.0	25
69	Contrasting effects of acidification and warming on dimethylsulfide concentrations during a temperate estuarine fall bloom mesocosm experiment. <i>Biogeosciences</i> , 2019, 16, 1167-1185.	3.3	8
70	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.	2.3	7
71	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.	5.0	12
72	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.	4.0	10

#	ARTICLE	IF	CITATIONS
73	Nitric oxide (NO) in the Bohai Sea and the Yellow Sea. <i>Biogeosciences</i> , 2019, 16, 4485-4496.	3.3	12
74	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.	3.0	21
75	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.	2.6	15
76	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.	3.1	9
77	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.	2.1	10
78	Distribution, degradation and bioavailability of dissolved organic matter in the East China Sea. <i>Biogeochemistry</i> , 2019, 142, 189-207.	3.5	14
79	Evaluation study for phosphorus mobilisation-release behaviour on different marine sediments: focus on phosphate sorption characteristics. <i>Environmental Chemistry</i> , 2019, 16, 179.	1.5	5
80	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.	1.5	6
81	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.	2.3	18
82	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.	1.8	15
83	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.	2.1	33
84	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.	8.2	11
85	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.	3.1	25
86	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.	2.1	39
87	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.	8.0	124
88	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.	2.1	19
89	Novel Insights Into Bacterial Dimethylsulfoniopropionate Catabolism in the East China Sea. <i>Frontiers in Microbiology</i> , 2018, 9, 3206.	3.5	35
90	Effect of elevated CO_2 on trace gas production during an ocean acidification mesocosm experiment. <i>Biogeosciences</i> , 2018, 15, 6649-6658.	3.3	3

#	ARTICLE	IF	CITATIONS
91	Degradation of lipids in seasonal hypoxic seawater under different oxygen saturation. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1570-1585.	1.3	2
92	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.	1.8	10
93	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.	7.5	101
94	Photoreactivities of two distinct dissolved organic matter pools in groundwater of a subarctic island. <i>Marine Chemistry</i> , 2018, 202, 97-120.	2.3	15
95	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.	8.0	8
96	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.	1.5	19
97	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <i>Nature Microbiology</i> , 2017, 2, 17009.	13.3	222
98	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.	8.2	20
99	Annual variation of low-molecular-weight organic acids in the surface seawater of the Jiaozhou Bay. <i>Marine Chemistry</i> , 2017, 194, 43-54.	2.3	7
100	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.	3.5	20
101	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.	1.7	33
102	Occurrence and Turnover of Biogenic Sulfur in the Bering Sea During Summer. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8567-8592.	2.6	5
103	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.	1.8	15
104	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.	5.0	47
105	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.	8.0	40
106	Perfluoroalkyl acids in surface sediments of the East China Sea. <i>Environmental Pollution</i> , 2017, 231, 59-67.	7.5	31
107	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.	2.6	13
108	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.	1.5	9

#	ARTICLE	IF	CITATIONS
109	An adsorption and thermodynamic study of ofloxacin on marine sediments. <i>Environmental Chemistry</i> , 2017, 14, 350.	1.5	6
110	Determination of dissolved nitric oxide in coastal waters of the Yellow Sea off Qingdao. <i>Ocean Science</i> , 2017, 13, 623-632.	3.4	11
111	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.	3.3	13
112	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.	2.6	13
113	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 C: Biogeosciences</i> , 2016, 121, 2811-2828.	3.0	36
114	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.	2.3	14
115	Temporal and spatial variations of particulate and dissolved amino acids in the East China Sea. <i>Marine Chemistry</i> , 2016, 186, 133-144.	2.3	22
116	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.	1.8	7
117	Sources, behaviors and degradation of dissolved organic matter in the East China Sea. <i>Journal of Marine Systems</i> , 2016, 155, 84-97.	2.1	31
118	Spatio-temporal distributions of chlorofluorocarbons and methyl iodide in the Changjiang (Yangtze) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.0	21
119	Biogeochemistry of dimethylsulfoniopropionate, dimethylsulfide and acrylic acid in the Yellow Sea and the Bohai Sea during autumn. <i>Environmental Chemistry</i> , 2016, 13, 127.	1.5	19
120	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.	1.5	16
121	Carbon monoxide distribution and microbial consumption in the Southern Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 125-133.	2.1	2
122	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.	1.8	21
123	Effects of <i>Harpacticus</i> sp. (Harpacticoida, copepod) grazing on dimethylsulfoniopropionate and dimethylsulfide concentrations in seawater. <i>Journal of Sea Research</i> , 2015, 99, 17-25.	1.6	10
124	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.	2.3	34
125	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.	5.0	12
126	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.	1.7	15

#	ARTICLE	IF	CITATIONS
127	Spatial distribution of dimethylsulfide and dimethylsulfoniopropionate in the Yellow Sea and Bohai Sea during summer. Chinese Journal of Oceanology and Limnology, 2015, 33, 1020-1038.	0.7	14
128	Biological production and spatial variation of dimethylated sulfur compounds and their relation with plankton in the North Yellow Sea. Continental Shelf Research, 2015, 102, 19-32.	1.8	6
129	Chemical Characteristics and Source Analysis of Aerosol Composition over the Bohai Sea and the Yellow Sea in Spring and Autumn. Journals of the Atmospheric Sciences, 2015, 72, 3563-3573.	1.7	8
130	Iron geochemistry in surface sediments of a temperate semi-enclosed bay, North China. Estuarine, Coastal and Shelf Science, 2015, 165, 25-35.	2.1	13
131	Spatiotemporal variation characteristics and related affecting factors of dissolved carbohydrates in the East China Sea. Continental Shelf Research, 2015, 108, 12-24.	1.8	11
132	Distribution, flux and photoproduction of carbon monoxide in the Bohai and Yellow Seas. Marine Chemistry, 2015, 168, 104-113.	2.3	6
133	Seasonal variation and biogeochemical cycling of dimethylsulfide (<scp>DMS</scp>) and dimethylsulfoniopropionate (<scp>DMSP</scp>) in the <scp>Y</scp>ellow <scp>S</scp>ea and <scp>B</scp>ohai <scp>S</scp>ea. Journal of Geophysical Research: Oceans, 2014, 119, 8897-8915.	2.6	30
134	Spatio-temporal variations of sea surface halocarbon concentrations and fluxes from southern Yellow Sea. Biogeochemistry, 2014, 121, 369-388.	3.5	15
135	Molecular insight into bacterial cleavage of oceanic dimethylsulfoniopropionate into dimethyl sulfide. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1026-1031.	7.1	52
136	Spatial variation of biogenic sulfur in the south Yellow Sea and the East China Sea during summer and its contribution to atmospheric sulfate aerosol. Science of the Total Environment, 2014, 488-489, 157-167.	8.0	66
137	Temporal and spatial variations of dimethylsulfoxide in the Bohai Sea and the Yellow Sea. Journal of Sea Research, 2014, 90, 33-43.	1.6	8
138	Quick sulfide buffering in inner shelf sediments of the East China Sea impacted by eutrophication. Environmental Earth Sciences, 2014, 71, 465-473.	2.7	11
139	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. Applied Geochemistry, 2014, 42, 16-26.	3.0	14
140	Spatial distribution of organic and pyritic sulfur in surface sediments of eutrophic Jiaozhou Bay, China: Clues to anthropogenic impacts. Marine Pollution Bulletin, 2014, 88, 284-291.	5.0	12
141	Evidence for the mutual effects of dimethylsulfoniopropionate and nitric oxide during the growth of marine microalgae. Nitric Oxide - Biology and Chemistry, 2014, 42, 54-61.	2.7	13
142	Humic sulfur in eutrophic bay sediments: Characterization by sulfur stable isotopes and K-edge XANES spectroscopy. Estuarine, Coastal and Shelf Science, 2014, 138, 121-129.	2.1	13
143	Distributions and sea-to-air fluxes of chloroform, trichloroethylene, tetrachloroethylene, chlorodibromomethane and bromoform in the Yellow Sea and the East China Sea during spring. Environmental Pollution, 2013, 177, 28-37.	7.5	18
144	A Study on the Release of Oil from Oil-Contaminated Sediment Through Laboratory Experiments. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	7

#	ARTICLE	IF	CITATIONS
145	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.	1.8	33
146	Halocarbons in the marine atmosphere and surface seawater of the south Yellow Sea during spring. <i>Atmospheric Environment</i> , 2013, 80, 514-523.	4.1	19
147	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.	1.8	16
148	Distributions and sea-to-air fluxes of volatile halocarbons in the East China Sea in early winter. <i>Chemosphere</i> , 2013, 90, 747-757.	8.2	22
149	Study on the sorption behaviour of estrone on marine sediments. <i>Marine Pollution Bulletin</i> , 2013, 76, 220-226.	5.0	16
150	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.	1.8	8
151	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.	1.8	35
152	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.	1.7	12
153	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.	0.7	11
154	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.	2.5	4
155	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.	2.3	50
156	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.	3.0	50
157	Reactive iron and its buffering capacity towards dissolved sulfide in sediments of Jiaozhou Bay, China. <i>Marine Environmental Research</i> , 2012, 80, 46-55.	2.5	34
158	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, .	3.3	16
159	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.	1.8	79
160	Distribution of dissolved and particulate dimethylsulfoxide in the East China Sea in winter. <i>Marine Chemistry</i> , 2011, 127, 199-209.	2.3	10
161	Sorption behavior of nonylphenol on marine sediments: Effect of temperature, medium, sediment organic carbon and surfactant. <i>Marine Pollution Bulletin</i> , 2011, 62, 2362-2369.	5.0	31
162	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.	0.9	11

#	ARTICLE	IF	CITATIONS
163	Experimental studies on dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) production by four marine microalgae. <i>Acta Oceanologica Sinica</i> , 2010, 29, 78-87.	1.0	15
164	Distributions and seasonal variations of dissolved carbohydrates in the Jiaozhou Bay, China. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 88, 12-20.	2.1	26
165	Studies on the sorption behaviors of phenanthrene on marine sediments. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2169-2176.	4.3	17
166	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.	2.3	19
167	Composition and characterization of colloidal organic matter in the coastal surface waters of Qingdao, China. <i>Marine Chemistry</i> , 2010, 121, 123-131.	2.3	8
168	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.	2.3	10
169	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.	1.7	9
170	Influence of coexisting contaminants on the sorption of 17 β -estradiol by marine sediments. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1815-1822.	1.7	2
171	Study on the sorption behaviors of Tween-80 on marine sediments. <i>Chemosphere</i> , 2010, 79, 1019-1025.	8.2	17
172	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.	1.7	1
173	Determination of Carbon Monoxide in Seawater by Headspace Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 352-356.	1.7	6
174	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.	4.1	66
175	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.	3.5	18
176	Direct Measurement of Nitric Oxide in Seawater Medium by Fluorometric Method. <i>Chinese Journal of Analytical Chemistry</i> , 2009, 37, 1463-1467.	1.7	6
177	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.	1.8	22
178	Sorption Behaviors of Sodium Dodecylbenzene Sulfonate (SDBS) on Marine Sediments. <i>Water, Air, and Soil Pollution</i> , 2008, 194, 23-30.	2.4	9
179	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.	2.5	33
180	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.	1.8	61

#	ARTICLE	IF	CITATIONS
181	Preparation of porous chitosan/agarose microsphere and its R-phycoerythrin release properties. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2759-2766.	2.6	12
182	Application of chitosan microspheres as carriers of LH-RH analogue TX46. <i>Reactive and Functional Polymers</i> , 2006, 66, 893-901.	4.1	26
183	Complexation of dimethylsulfide with mercuric ion in aqueous solutions. <i>Journal of Oceanography</i> , 2006, 62, 473-480.	1.7	5
184	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.	2.1	33
185	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.	2.3	35
186	Oxidative degradation of diethyl phthalate by photochemically-enhanced Fenton reaction. <i>Journal of Hazardous Materials</i> , 2005, 126, 112-118.	12.4	94
187	Adsorption of methomyl on marine sediments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 264, 179-186.	4.7	35
188	Biogeochemistry of Dimethylsulfoniopropionate (DMSP) in the Surface Microlayer and Subsurface Seawater of Funka Bay, Japan. <i>Journal of Oceanography</i> , 2005, 61, 69-78.	1.7	11
189	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.	1.8	21
190	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.	1.4	38
191	Adsorption of Dimethyl Phthalate on Marine Sediments. <i>Water, Air, and Soil Pollution</i> , 2004, 157, 179-192.	2.4	28
192	Photochemical degradation of dimethyl phthalate by Fenton reagent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 161, 215-220.	3.9	104
193	Sorption behavior of 2,4-dichlorophenol on marine sediment. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 251-256.	9.4	31
194	Studies on the sorption behaviors of nitrobenzene on marine sediments. <i>Chemosphere</i> , 2003, 52, 917-925.	8.2	62
195	Study on the sorption of 2-naphthol on marine sediments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 211, 259-266.	4.7	13
196	Distribution and cycling of dimethylsulfide in surface microlayer and subsurface seawater. <i>Marine Chemistry</i> , 2001, 76, 137-153.	2.3	39
197	Study on Adsorption of Chlorobenzene on Marine Sediment. <i>Journal of Colloid and Interface Science</i> , 2001, 243, 273-279.	9.4	34
198	Polycyclic aromatic hydrocarbons in the sediments of the South China Sea. <i>Environmental Pollution</i> , 2000, 108, 163-171.	7.5	180

#	ARTICLE	IF	CITATIONS
199	Dimethylsulfide in the surface water of the East China Sea. Continental Shelf Research, 2000, 20, 69-82.	1.8	33
200	Spatial distributions of dimethylsulfide in the South China Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2000, 47, 177-192.	1.4	28
201	Biogeochemistry of dimethylsulfide in the South China Sea. Journal of Marine Research, 1999, 57, 189-211.	0.3	30
202	Dimethylsulfide enrichment in the surface microlayer of the South China Sea. Marine Chemistry, 1999, 66, 215-224.	2.3	43
203	Distribution of dibenzothiophene in the sediments of the South China Sea11To avoid further delay, this paper is published without author corrections.. Environmental Pollution, 1998, 101, 405-414.	7.5	40
204	Adsorption of Dibenzothiophene on Marine Sediments Treated by a Sequential Procedure. Journal of Colloid and Interface Science, 1997, 192, 398-407.	9.4	34
205	Production of dimethyl sulfide and acrylic acid from dissolved dimethylsulfoniopropionate during the growth of <i>Prorocentrum minimum</i> . Journal of Applied Phycology, 0, , 1.	2.8	0