

Jun Sun

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186 papers	3,306 citations	25 h-index	53 g-index
224 ext. papers	4,129 ext. citations	3.3 avg, IF	5.58 L-index

#	Paper	IF	Citations
186	Oxygen gradients shape the unique structure of picoeukaryotic communities in the Bay of Bengal.. <i>Science of the Total Environment</i> , 2022 , 814, 152862	10.2	0
185	Dynamics of bacterial communities during a seasonal hypoxia at the Bohai Sea: Coupling and response between abundant and rare populations.. <i>Journal of Environmental Sciences</i> , 2022 , 111, 324-339	6.4	2
184	Highly Diverse Pigment Types in the Eastern Indian Ocean.. <i>Frontiers in Microbiology</i> , 2022 , 13, 806390	5.7	
183	Transformations of Diatom-Derived Dissolved Organic Matter by Under Warming and Acidification Conditions.. <i>Frontiers in Microbiology</i> , 2022 , 13, 833670	5.7	1
182	Bioaccumulation and potential human health risks of metals in commercially important fishes and shellfishes from Hangzhou Bay, China.. <i>Scientific Reports</i> , 2022 , 12, 4634	4.9	0
181	Metals Bioaccumulation in 15 Commonly Consumed Fishes from the Lower Meghna River and Adjacent Areas of Bangladesh and Associated Human Health Hazards.. <i>Toxics</i> , 2022 , 10,	4.7	2
180	Picophytoplankton in the West Pacific Ocean: A Snapshot.. <i>Frontiers in Microbiology</i> , 2022 , 13, 811227	5.7	
179	Physiological and Biochemical Characterization of Isolated Bacteria from a Coccolithophore <i>Chrysotila dentata</i> (Prymnesiophyceae) Culture. <i>Diversity</i> , 2022 , 14, 2	2.5	0
178	Mobile generalist species dominate the food web succession in a closed ecological system, Chenghai Lake, China. <i>Global Ecology and Conservation</i> , 2022 , 36, e02122	2.8	
177	Distribution and Environmental Impact Factors of Phytoplankton in the Bay of Bengal during Autumn. <i>Diversity</i> , 2022 , 14, 361	2.5	
176	Distribution and Environmental Impact Factors of Picophytoplankton in the Eastern Indian Ocean. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 628	2.4	
175	Variation in biogenic calcite production by coccolithophores across mesoscale eddies in the Bay of Bengal.. <i>Marine Pollution Bulletin</i> , 2022 , 179, 113728	6.7	1
174	Bacterial Transformation and Processing of Diatom-Derived Organic Matter: A Case Study for .. <i>Frontiers in Microbiology</i> , 2022 , 13, 840564	5.7	
173	Effects of Terrestrial Inputs on Mesozooplankton Community Structure in Bohai Bay, China. <i>Diversity</i> , 2022 , 14, 410	2.5	0
172	Regional distribution and environmental regulation mechanism of nitrous oxide in the Bohai Sea and North Yellow Sea: A preliminary study. <i>Science of the Total Environment</i> , 2021 , 151718	10.2	0
171	Epiphytic Bacteria Are Essential for the Production and Transformation of Algae-Derived Carboxyl-Rich Alicyclic Molecule (CRAM)-like DOM. <i>Microbiology Spectrum</i> , 2021 , 9, e0153121	8.9	4
170	Integrating Stochastic and Deterministic Process in the Biogeography of N-Fixing Cyanobacterium <i>Atelocyanobacterium Thalassa</i> . <i>Frontiers in Microbiology</i> , 2021 , 12, 654646	5.7	1

169	Distribution of Chromophytic Phytoplankton in the Eddy-Induced Upwelling Region of the West Pacific Ocean Revealed Using L Genes. <i>Frontiers in Microbiology</i> , 2021 , 12, 596015	5.7	0
168	Bacterial Community Composition and Chromophoric Dissolved Organic Matter Differs with Culture Time of <i>Skeletonema dohrnii</i> . <i>Diversity</i> , 2021 , 13, 150	2.5	3
167	Significant contribution of picoplankton size fraction to biogenic silica standing stocks in the Western Pacific Ocean. <i>Progress in Oceanography</i> , 2021 , 192, 102516	3.8	3
166	The Composition and Primary Metabolic Potential of Microbial Communities Inhabiting the Surface Water in the Equatorial Eastern Indian Ocean. <i>Biology</i> , 2021 , 10,	4.9	2
165	Distribution and environmental impact factors of picophytoplankton in the East China Sea during spring. <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 1316	1.5	
164	Phytoplankton Community in the Western South China Sea in Winter and Summer. <i>Water (Switzerland)</i> , 2021 , 13, 1209	3	1
163	Distribution and Settling Regime of Transparent Exopolymer Particles (TEP) Potentially Associated With Bio-Physical Processes in the Eastern Indian Ocean. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005934	3.7	1
162	IOD-ENSO interaction with natural coccolithophore assemblages in the tropical eastern Indian Ocean. <i>Progress in Oceanography</i> , 2021 , 193, 102545	3.8	2
161	Environmental influences on sinking rates and distributions of transparent exopolymer particles after a typhoon surge at the Western Pacific. <i>Scientific Reports</i> , 2021 , 11, 11377	4.9	
160	Ecological preservation based multi-objective optimization of coastal seawall engineering structures. <i>Journal of Cleaner Production</i> , 2021 , 296, 126515	10.3	0
159	Comparison of Diazotrophic Composition and Distribution in the South China Sea and the Western Pacific Ocean. <i>Biology</i> , 2021 , 10,	4.9	1
158	Phosphorus enrichment masked the negative effects of ocean acidification on picophytoplankton and photosynthetic performance in the oligotrophic Indian Ocean. <i>Ecological Indicators</i> , 2021 , 125, 107459	5.8	0
157	Living coccolithophores in the western Pacific Ocean with mesoscale eddies. <i>Acta Oceanologica Sinica</i> , 2021 , 40, 111-128	1	1
156	Spatial distribution, source apportionment, and associated risks of trace metals (As, Pb, Cr, Cd, and Hg) from a subtropical river, Gomti, Bangladesh. <i>International Journal of Sediment Research</i> , 2021 , 37, 83-83	3	3
155	Effect of river plume on phytoplankton community structure in Zhujiang River estuary. <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 550-565	1.5	2
154	Transcriptomic reprogramming of the oceanic diatom <i>Skeletonema dohrnii</i> under warming ocean and acidification. <i>Environmental Microbiology</i> , 2021 , 23, 980-995	5.2	9
153	Characteristics of Eukaryotic Plankton Communities in the Cold Water Masses and Nearshore Waters of the South Yellow Sea. <i>Diversity</i> , 2021 , 13, 21	2.5	
152	Kuroshio intrusion drives the <i>Trichodesmium</i> assemblage and shapes the phytoplankton community during spring in the East China Sea. <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 536-549	1.5	1

151	Physiological Changes and Elemental Ratio of <i>Scrippsiella trochoidea</i> and <i>Heterosigma akashiwo</i> in Different Growth Phase. <i>Water (Switzerland)</i> , 2021 , 13, 132	3	1
150	Classification of tea varieties based on fluorescence hyperspectral image technology and ABC-SVM algorithm. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e15241	2.1	4
149	Seasonal Shift of a Phytoplankton (>5 μm) Community in Bohai Sea and the Adjacent Yellow Sea. <i>Diversity</i> , 2021 , 13, 65	2.5	1
148	Bardet-Biedl syndrome 3 protein promotes ciliary exit of the signaling protein phospholipase D via the BBSome. <i>ELife</i> , 2021 , 10,	8.9	11
147	Western Pacific Zooplankton Community along Latitudinal and Equatorial Transects in Autumn 2017 (Northern Hemisphere). <i>Diversity</i> , 2021 , 13, 58	2.5	1
146	Biogeographical Distribution and Community Assembly of Active Protistan Assemblages Along an Estuary to a Basin Transect of the Northern South China Sea. <i>Microorganisms</i> , 2021 , 9,	4.9	2
145	Hypoxia-Enhanced N ₂ O Production Under Ocean Acidification in the Bohai Sea. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
144	Environmental influence on transparent exopolymer particles and the associated carbon distribution across northern South China Sea. <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 1430-1446 ^{1.5}	1.5	1
143	Assembly Processes and Co-occurrence Patterns of Abundant and Rare Bacterial Community in the Eastern Indian Ocean. <i>Frontiers in Microbiology</i> , 2021 , 12, 616956	5.7	3
142	New Estimation of Antibiotic Resistance Genes in Sediment Along the Haihe River and Bohai Bay in China: A Comparison Between Single and Successive DNA Extraction Methods. <i>Frontiers in Microbiology</i> , 2021 , 12, 705724	5.7	
141	Vertical Biogeography and Realized Niche Traits of Living Coccolithophore Community in the Eastern Indian Ocean. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005922	3.7	1
140	Effects of Ocean Currents in the Western Pacific Ocean on Net-Phytoplankton Community Compositions. <i>Diversity</i> , 2021 , 13, 428	2.5	0
139	Fluorescence Characteristics of Chromophoric Dissolved Organic Matter in the Eastern Indian Ocean: A Case Study of Three Subregions. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
138	Response of Chlorophyll Fluorescence Characteristics and Dissolved Organic Matter for Marine Diatom under Stress from Penicillin and Zn.. <i>Plants</i> , 2021 , 10,	4.5	1
137	Sinking Rate and Community Structures of Autumn Phytoplankton Responses to Mesoscale Physical Processes in the Western South China Sea.. <i>Frontiers in Microbiology</i> , 2021 , 12, 777473	5.7	0
136	Nutrient ratios driven by vertical stratification regulate phytoplankton community structure in the oligotrophic western Pacific Ocean. <i>Ocean Science</i> , 2021 , 17, 1775-1789	4	1
135	The Horizontal Distribution of Siliceous Planktonic Radiolarian Community in the Eastern Indian Ocean. <i>Water (Switzerland)</i> , 2020 , 12, 3502	3	0
134	Concentrations and sinking rates of transparent exopolymer particles (TEPs) in a coastal sea: the Changjiang River (Yangtze River) Estuary. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 58-69	1	3

133	Summer phytoplankton assemblages and carbon biomass in the northern south China sea. <i>Continental Shelf Research</i> , 2020 , 210, 104276	2.4	4
132	The Biotechnological Potential of the Marine Diatom to the Elevated Temperature and CO Concentration. <i>Marine Drugs</i> , 2020 , 18,	6	7
131	Biological Calcification Rate and Species-Specific Contributions of Coccolithophores to Total Calcite Inventory in the Eastern Indian Ocean. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005547	3.7	3
130	Macrobenthic communities on the continental shelf of the Prydz Bay, East Antarctica. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 38-48	1	2
129	Intraflagellar transport protein RABL5/IFT22 recruits the BBSome to the basal body through the GTPase ARL6/BBS3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2496-2505	11.5	19
128	Surface Phytoplankton Assemblages and Controlling Factors in the Strait of Malacca and Sunda Shelf. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3
127	A Facile and Sensitive DNA Sensing of Harmful Algal Blooms Based on Graphene Oxide Nanosheets. <i>Marine Biotechnology</i> , 2020 , 22, 498-510	3.4	3
126	Environmental factors controlling the dynamics of phytoplankton communities during spring and fall seasons in the southern Sunda Shelf. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 23222-23233	5.1	4
125	Biogeographic variations of picophytoplankton in three contrasting seas: the Bay of Bengal, South China Sea and Western Pacific Ocean. <i>Aquatic Microbial Ecology</i> , 2020 , 84, 91-103	1.1	9
124	Nitrogen fixation driven by mesoscale eddies and the Kuroshio Current in the northern South China Sea and the East China Sea. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 30-41	1	1
123	Evaluation of ecosystem health and potential human health hazards in the Hangzhou Bay and Qiantang Estuary region through multiple assessment approaches. <i>Environmental Pollution</i> , 2020 , 264, 114791	9.3	16
122	Benzene-assisted photoionization positive ion mobility spectrometry coupled with a time-resolved introduction for field detecting dimethyl sulfide in seawater. <i>Analytical Methods</i> , 2020 , 12, 5168-5176	3.2	1
121	Phytoplankton growth and microzooplankton grazing in the central and northern South China Sea in the spring intermonsoon season of 2017. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 84-95	1	3
120	Comparative Proteomic Analysis Reveals New Insights Into the Common and Specific Metabolic Regulation of the Diatom to the Silicate and Temperature Availability. <i>Frontiers in Plant Science</i> , 2020 , 11, 578915	6.2	1
119	Seasonal responses of nutrient to hydrology and biology in the southern Yellow Sea. <i>Continental Shelf Research</i> , 2020 , 206, 104207	2.4	6
118	Nondestructive determination of the total mold colony count in green tea by hyperspectral imaging technology. <i>Journal of Food Process Engineering</i> , 2020 , 43, e13570	2.4	7
117	Weak Response of Biological Productivity and Community Structure of Phytoplankton to Mesoscale Eddies in the Oligotrophic Philippine Sea. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2020JC016436	3.3	2
116	Seasonal variations of plankton in Kodiakkarai and Arukattuthurai on the Vedharanyam coast, South India. <i>Regional Studies in Marine Science</i> , 2020 , 39, 101461	1.5	4

115	The profound influence of Kuroshio intrusion on microphytoplankton community in the northeastern South China Sea. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 79-87	1	2
114	Physiological and Ecological Responses of Photosynthetic Processes to Oceanic Properties and Phytoplankton Communities in the Oligotrophic Western Pacific Ocean. <i>Frontiers in Microbiology</i> , 2020 , 11, 1774	5.7	2
113	A rapid and ultrasensitive colorimetric biosensor based on aptamer functionalized Au nanoparticles for detection of saxitoxin.. <i>RSC Advances</i> , 2020 , 10, 15293-15298	3.7	14
112	Quantitative Proteomic Profiling of Marine Diatom in Response to Temperature and Silicate Induced Environmental Stress. <i>Frontiers in Microbiology</i> , 2020 , 11, 554832	5.7	0
111	Morphology, phylogenetic position, and ecophysiological features of the coccolithophore <i>Chrysotila dentata</i> (Prymnesiophyceae) isolated from the Bohai Sea, China. <i>Phycologia</i> , 2019 , 58, 628-639	3.7	6
110	Effects of typhoon Roke and Haitang on phytoplankton community structure in northeastern South China sea. <i>Ecosystem Health and Sustainability</i> , 2019 , 5, 144-154	3.7	2
109	Potential Implications of Changing Photosynthetic End-Products of Phytoplankton Caused by Sea Ice Conditions in the Northern Chukchi Sea. <i>Frontiers in Microbiology</i> , 2019 , 10, 2274	5.7	4
108	Diversity and Spatial Distribution of Chromophytic Phytoplankton in the Bay of Bengal Revealed by RuBisCO Genes (L). <i>Frontiers in Microbiology</i> , 2019 , 10, 1501	5.7	12
107	Quantitative Proteomic Analysis Reveals Novel Insights into Intracellular Silicate Stress-Responsive Mechanisms in the Diatom. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
106	Denitrification and anammox: Understanding nitrogen loss from Yangtze Estuary to the east China sea (ECS). <i>Environmental Pollution</i> , 2019 , 252, 1659-1670	9.3	18
105	Fast Repetition Rate Fluorometry (FRRF) Derived Phytoplankton Primary Productivity in the Bay of Bengal. <i>Frontiers in Microbiology</i> , 2019 , 10, 1164	5.7	11
104	Factors regulating the phytoplankton and tintinnid microzooplankton communities in the East China Sea. <i>Continental Shelf Research</i> , 2019 , 181, 14-24	2.4	8
103	Heterotrophic Bacteria Dominate the Diazotrophic Community in the Eastern Indian Ocean (EIO) during Pre-Southwest Monsoon. <i>Microbial Ecology</i> , 2019 , 78, 804-819	4.4	24
102	Dynamic responses of picophytoplankton to physicochemical variation in the eastern Indian Ocean. <i>Ecology and Evolution</i> , 2019 , 9, 5003-5017	2.8	19
101	Functional trait composition and diversity patterns of marine macrobenthos across the Arctic Bering Sea. <i>Ecological Indicators</i> , 2019 , 102, 673-685	5.8	25
100	Coccolithophore responses to the Pacific Decadal Oscillation in the East China Sea region of the Northwest Pacific from ad 1901 to 2013. <i>Journal of Quaternary Science</i> , 2019 , 34, 333-341	2.3	1
99	Complete mitochondrial genome sequence and phylogenetic analysis of (Reinhardt, 1837). <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3973-3974	0.5	
98	Spatial-temporal dynamics of biogenic silica in the southern Yellow Sea. <i>Acta Oceanologica Sinica</i> , 2019 , 38, 101-110	1	2

97	Production and export of copepods fecal pellets in an eutrophic coastal sea: The Changjiang (Yangtze River) estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 218, 163-172	2.9	4
96	Picophytoplankton size and biomass around equatorial eastern Indian Ocean. <i>MicrobiologyOpen</i> , 2019 , 8, e00629	3.4	20
95	Factors driving the spatiotemporal variability in phytoplankton in the Northern South China Sea. <i>Continental Shelf Research</i> , 2018 , 162, 48-55	2.4	8
94	Nitrogen Fixation by Trichodesmium and unicellular diazotrophs in the northern South China Sea and the Kuroshio in summer. <i>Scientific Reports</i> , 2018 , 8, 2415	4.9	11
93	Interactive effects of temperature, CO ₂ and nitrogen source on a coastal California diatom assemblage. <i>Journal of Plankton Research</i> , 2018 , 40, 151-164	2.2	22
92	Diversity and distribution of anammox bacteria in water column and sediments of the Eastern Indian Ocean. <i>International Biodeterioration and Biodegradation</i> , 2018 , 133, 52-62	4.8	26
91	Dynamics of Heterotrophic Bacterial Assemblages within Synechococcus Cultures. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	29
90	The first snapshot study on horizontal distribution and identification of five peritrich ciliates (Genus Vorticella Linnaeus and Zoothamnium Bory de St. Vincent) from the eastern Indian Ocean. <i>Acta Oceanologica Sinica</i> , 2018 , 37, 79-85	1	3
89	Modern planktonic foraminifera from the eastern Indian Ocean. <i>Acta Oceanologica Sinica</i> , 2018 , 37, 46-63		4
88	The first record of Pavlova pinguis (Pavlovophyceae, Haptophyta) in China seas. <i>Acta Oceanologica Sinica</i> , 2018 , 37, 28-32	1	2
87	Morphology, ultrastructure and phylogeny of Cyanothece sp. (Cyanobacteriaceae: Cyanophyceae) isolated from the eastern Indian Ocean. <i>Acta Oceanologica Sinica</i> , 2018 , 37, 4-10	1	2
86	Distribution of living coccolithophores in eastern Indian Ocean during spring intermonsoon. <i>Scientific Reports</i> , 2018 , 8, 12488	4.9	8
85	Skeletonema cf. costatum biogenic silica production rate determined by PDMPO method. <i>Journal of Ocean University of China</i> , 2017 , 16, 333-338	1	0
84	Physicochemical conditions in affecting the distribution of spring phytoplankton community. <i>Chinese Journal of Oceanology and Limnology</i> , 2017 , 35, 1342-1361		8
83	Enhanced Chlorophyll Concentrations Induced by Kuroshio Intrusion Fronts in the Northern South China Sea. <i>Geophysical Research Letters</i> , 2017 , 44, 11,565-11,572	4.9	23
82	Phytoplankton species composition of four ecological provinces in Yellow Sea, China. <i>Journal of Ocean University of China</i> , 2017 , 16, 1115-1125	1	2
81	Analysis of gene gain and loss in the evolution of predatory bacteria. <i>Gene</i> , 2017 , 598, 63-70	3.8	11
80	Archaea Dominate the Ammonia-Oxidizing Community in Deep-Sea Sediments of the Eastern Indian Ocean-from the Equator to the Bay of Bengal. <i>Frontiers in Microbiology</i> , 2017 , 8, 415	5.7	17

79	Tintinnid community structure in the eastern equatorial Indian Ocean during the spring inter-monsoon period. <i>Aquatic Biology</i> , 2017 , 26, 87-100	2	4
78	Chain response of microbial loop to the decay of a diatom bloom in the East China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016 , 124, 109-116	2.3	1
77	Sinking rates of phytoplankton in the Changjiang (Yangtze River) estuary: A comparative study between <i>Prorocentrum dentatum</i> and <i>Skeletonema dornii</i> bloom. <i>Journal of Marine Systems</i> , 2016 , 154, 5-14	2.7	20
76	Variations of picoplankton abundances during blooms in the East China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016 , 124, 100-108	2.3	11
75	Ecological provinces of spring phytoplankton in the Yellow Sea: species composition. <i>Acta Oceanologica Sinica</i> , 2016 , 35, 114-125	1	7
74	Coccolith assemblages and their response to climate and surface hydrography in the Yellow Sea, Northwest Pacific, AD 1780-2011. <i>Acta Oceanologica Sinica</i> , 2016 , 35, 56-62	1	2
73	A snapshot on spatial and vertical distribution of bacterial communities in the eastern Indian Ocean. <i>Acta Oceanologica Sinica</i> , 2016 , 35, 85-93	1	12
72	Size-fractionated Chlorophyll a biomass in the northern South China Sea in summer 2014. <i>Chinese Journal of Oceanology and Limnology</i> , 2016 , 34, 672-682		8
71	Phytoplankton communities and its controlling factors in summer and autumn in the southern Yellow Sea, China. <i>Acta Oceanologica Sinica</i> , 2015 , 34, 114-123	1	20
70	First record of a large-scale bloom-causing species <i>Nannochloropsis granulata</i> (Monodopsidaceae, Eustigmatophyceae) in China Sea waters. <i>Ecotoxicology</i> , 2015 , 24, 1430-41	2.9	10
69	Increasing the quality, comparability and accessibility of phytoplankton species composition time-series data. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 162, 151-160	2.9	29
68	Cell volumes of marine phytoplankton from globally distributed coastal data sets. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 162, 130-142	2.9	36
67	Size-fractionated mesozooplankton biomass and grazing impact on phytoplankton in northern South China Sea during four seasons. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015 , 117, 108-118	2.3	17
66	Spring and autumn living coccolithophores in the Bohai Sea and Yellow Sea, China. <i>Acta Oceanologica Sinica</i> , 2015 , 34, 132-146	1	7
65	Seasonal phytoplankton response to physical processes in the southern Yellow Sea. <i>Journal of Sea Research</i> , 2015 , 95, 45-55	1.9	59
64	Netz-Phytoplankton Diversity in the western and southern regions of the South China Sea. <i>Oceanological and Hydrobiological Studies</i> , 2015 , 44, 530-538	0.8	
63	Autumn living coccolithophores in the Yellow Sea and the East China Sea. <i>Acta Oceanologica Sinica</i> , 2014 , 33, 83-94	1	2
62	Seasonal variations in phytoplankton community structure in the Sanggou, Ailian, and Lidao Bays. <i>Journal of Ocean University of China</i> , 2014 , 13, 1012-1024	1	15

61	Drag increase and drag reduction found in phytoplankton and bacterial cultures in laminar flow: Are cell surfaces and EPS producing rheological thickening and a Lotus-leaf Effect?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014 , 101, 216-230	2.3	7
60	Seasonal variations in the structure of copepod assemblages in tropical marine and estuarine waters, Coleroon, south-east India. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014 , 94, 521-535	1.1	5
59	Summer and winter living coccolithophores in the Yellow Sea and the East China Sea. <i>Biogeosciences</i> , 2014 , 11, 779-806	4.6	37
58	Length-Weight relationship and condition factor of wild, grow-out and disease-shell affected giant tiger shrimp, <i>Penaeus monodon</i> (Fabricius, 1798) (Decapoda: Penaeidae). <i>Journal of Applied Ichthyology</i> , 2014 , 30, 251-253	0.9	9
57	Seasonal variation in the phytoplankton community of a continental-shelf sea: the East China Sea. <i>Marine Ecology - Progress Series</i> , 2014 , 516, 103-126	2.6	93
56	The satellite reversion of dissolved organic carbon (DOC) based on the analysis of the mixing behavior of DOC and colored dissolved organic matter: the East China Sea as an example. <i>Acta Oceanologica Sinica</i> , 2013 , 32, 1-11	1	5
55	Diversity of bacterial community during spring phytoplankton blooms in the central Yellow Sea. <i>Canadian Journal of Microbiology</i> , 2013 , 59, 324-32	3.2	3
54	Response of copepod grazing and reproduction to different taxa of spring bloom phytoplankton in the Southern Yellow Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 101-108	2.3	11
53	The timing and the magnitude of spring phytoplankton blooms and their relationship with physical forcing in the central Yellow Sea in 2009. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 4-15	2.3	21
52	Bottom-up control of phytoplankton growth in spring blooms in Central Yellow Sea, China. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 61-71	2.3	12
51	Temporal variation of picoplankton in the spring bloom of Yellow Sea, China. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 72-84	2.3	12
50	Bacterial community structures associated with a natural spring phytoplankton bloom in the Yellow Sea, China. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 85-92	2.3	11
49	Top-down control of spring surface phytoplankton blooms by microzooplankton in the Central Yellow Sea, China. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 97, 51-60	2.3	9
48	Phytoplankton bloom during the northeast monsoon in the Luzon Strait bordering the Kuroshio. <i>Remote Sensing of Environment</i> , 2012 , 124, 38-48	13.2	24
47	The proportions and variations of the light absorption coefficients of major ocean color components in the East China Sea. <i>Acta Oceanologica Sinica</i> , 2012 , 31, 45-61	1	8
46	Diversity and Seasonal Occurrence of <i>Skeletonema</i> (Bacillariophyta) Species in Xiamen Harbour and Surrounding Seas, China. <i>Cryptogamie, Algologie</i> , 2012 , 33, 245-263	0.7	18
45	Effects of changing pCO ₂ and phosphate availability on domoic acid production and physiology of the marine harmful bloom diatom <i>Pseudo-nitzschia multiseries</i> . <i>Limnology and Oceanography</i> , 2011 , 56, 829-840	4.8	130
44	Comparisons of picophytoplankton abundance, size, and fluorescence between summer and winter in northern South China Sea. <i>Continental Shelf Research</i> , 2011 , 31, 1527-1540	2.4	48

43	Mud crab, <i>Scylla tranquebarica</i> (Decapoda: Portunidae), a new host for the white spot syndrome virus. <i>Aquaculture Research</i> , 2011 , 42, 308-312	1.9	7
42	Diversity and distribution of diazotrophic communities in the South China Sea deep basin with mesoscale cyclonic eddy perturbations. <i>FEMS Microbiology Ecology</i> , 2011 , 78, 417-27	4.3	38
41	Integrated biological control of water hyacinths, <i>Eichhornia crassipes</i> by a novel combination of grass carp, <i>Ctenopharyngodon idella</i> (Valenciennes, 1844), and the weevil, <i>Neochetina</i> spp.. <i>Chinese Journal of Oceanology and Limnology</i> , 2011 , 29, 162-166		7
40	A review of <i>Epipenaeon ingens</i> Nobili, 1906 (Isopoda: Bopyridae) host species and documentation of a new host, <i>Metapenaeopsis stridulans</i> (Alcock, 1905) (Decapoda: Penaeidae). <i>Chinese Journal of Oceanology and Limnology</i> , 2011 , 29, 136-140		3
39	First record of three giant marine Bathynomids (Crustacea, Isopoda, Cirolanidae) from India. <i>Acta Oceanologica Sinica</i> , 2011 , 30, 113-117	1	4
38	New discovery of coral rubbings in the north-western Gulf of Kachchh, Gujarat, Western India GIS based evaluation. <i>Journal of Ocean University of China</i> , 2011 , 10, 153-156	1	
37	A model of pycnocline thickness modified by the rheological properties of phytoplankton exopolymeric substances. <i>Journal of Plankton Research</i> , 2011 , 33, 373-383	2.2	4
36	Phylogenetic diversity and spatio-temporal distribution of nitrogenase genes (nifH) in the northern South China Sea. <i>Aquatic Microbial Ecology</i> , 2011 , 65, 15-27	1.1	36
35	New phylogenetically distinct cyanophages found in the coastal Yellow Sea by Qingdao. <i>Acta Virologica</i> , 2010 , 54, 255-60	2.2	2
34	Interactive effects of iron, irradiance and CO ₂ on Ross Sea phytoplankton. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010 , 57, 368-383	2.5	133
33	Occurrence of double parasitism on black-barred halfbeak fish from the southeast coast of India. <i>Chinese Journal of Oceanology and Limnology</i> , 2010 , 28, 832-835		12
32	Seasonal variations of phytoplankton diversity in the Coleroon coastal waters, southeast coast of India. <i>Acta Oceanologica Sinica</i> , 2010 , 29, 97-108	1	14
31	Bloom forming species of phytoplankton in two coastal waters in the Southeast coast of India. <i>Journal of Ocean University of China</i> , 2010 , 9, 265-272	1	6
30	Biodiversity of brackish water amphipods (crustacean) in two estuaries, southeast coast of India. <i>Environmental Monitoring and Assessment</i> , 2010 , 171, 471-86	3.1	9
29	Rheological properties of natural waters with regard to plankton thin layers. A short review. <i>Journal of Marine Systems</i> , 2010 , 83, 287-297	2.7	21
28	Onshore-offshore variations of copepod community in northern South China Sea. <i>Hydrobiologia</i> , 2009 , 636, 257-269	2.4	24
27	Forest structure of arid zone mangroves in relation to their physical and chemical environment in the western Gulf of Kachchh, Gujarat, Northwest coast of India. <i>Journal of Coastal Conservation</i> , 2009 , 13, 217-234	1.9	9
26	First record of marine crab, <i>Eucrater alcocki</i> Serfle, in Serfle and Lohavanijaya, 1973 (Crustacea, Decapoda, Brachyura, Euryplacidae) from India. <i>Chinese Journal of Oceanology and Limnology</i> , 2009 , 27, 832-834		1

25	Close coupling between phytoplankton growth and microzooplankton grazing in the western South China Sea. <i>Limnology and Oceanography</i> , 2009 , 54, 1084-1097	4.8	74
24	Estuarine nutrient loading affects phytoplankton growth and microzooplankton grazing at two contrasting sites in Hong Kong coastal waters. <i>Marine Ecology - Progress Series</i> , 2009 , 379, 77-90	2.6	56
23	Effects of increased pCO ₂ and temperature on the North Atlantic spring bloom. I. The phytoplankton community and biogeochemical response. <i>Marine Ecology - Progress Series</i> , 2009 , 388, 13-25	2.6	191
22	PHYLOGENETIC POSITION AND MORPHOLOGY OF THECAE AND CYSTS OF SCRIPPSIELLA (DINOPHYCEAE) SPECIES IN THE EAST CHINA SEA(1). <i>Journal of Phycology</i> , 2008 , 44, 478-94	3	24
21	Response of the diatom flora in Jiaozhou Bay, China to environmental changes during the last century. <i>Marine Micropaleontology</i> , 2008 , 66, 279-290	1.7	47
20	A comparison of future increased CO ₂ and temperature effects on sympatric <i>Heterosigma akashiwo</i> and <i>Prorocentrum minimum</i> . <i>Harmful Algae</i> , 2008 , 7, 76-90	5.3	96
19	Interactive effects of increased pCO ₂ , temperature and irradiance on the marine coccolithophore <i>Emiliana huxleyi</i> (Prymnesiophyceae). <i>European Journal of Phycology</i> , 2008 , 43, 87-98	2.2	203
18	Size-fractionated phytoplankton biomass in autumn of the Changjiang (Yangtze) River Estuary and its adjacent waters after the Three Gorges Dam construction. <i>Chinese Journal of Oceanology and Limnology</i> , 2008 , 26, 268-275		8
17	Fast microzooplankton grazing on fast-growing, low-biomass phytoplankton: a case study in spring in Chesapeake Bay, Delaware Inland Bays and Delaware Bay. <i>Hydrobiologia</i> , 2007 , 589, 127-139	2.4	14
16	Winter phytoplankton assemblages of coastal Yellow Sea connected to Jiaozhou Bay, China. <i>Journal of Ocean University of China</i> , 2007 , 6, 40-46	1	2
15	Feeding habits of <i>Calanus sinicus</i> (Crustacea: Copepoda) during spring and autumn in the Bohai Sea studied with the herbivore index. <i>Scientia Marina</i> , 2006 , 70, 381-388	1.8	15
14	Identification and quantification of the toxic dinoflagellate <i>Gymnodinium</i> sp. with competitive enzyme-linked immunosorbent assay (cELISA). <i>Harmful Algae</i> , 2005 , 4, 297-307	5.3	12
13	Phytoplankton succession during a red tide of <i>Skeletonema costatum</i> in Jiaozhou Bay of China. <i>Marine Pollution Bulletin</i> , 2005 , 50, 91-4	6.7	37
12	SPM transport in the Bohai Sea: field experiments and numerical modelling. <i>Journal of Marine Systems</i> , 2004 , 44, 175-188	2.7	54
11	Phase-transfer of nitrogen species within the water column of the Bohai Sea. <i>Journal of Marine Systems</i> , 2004 , 44, 213-232	2.7	9
10	Phytoplankton dynamics in the Bohai Sea—observations and modelling. <i>Journal of Marine Systems</i> , 2004 , 44, 233-251	2.7	101
9	Preliminary study on the responses of three marine algae, <i>Ulva pertusa</i> (Chlorophyta), <i>Gelidium amansii</i> (Rhodophyta) and <i>Sargassum enerve</i> (Phaeophyta), to nitrogen source and its availability. <i>Journal of Ocean University of China</i> , 2004 , 3, 75-79	1	10
8	Potential P limitation leads to excess N in the pearl river estuarine coastal plume. <i>Continental Shelf Research</i> , 2004 , 24, 1895-1907	2.4	87

7	Microzooplankton grazing on phytoplankton in summer in the Jiaozhou Bay, China. <i>Chinese Journal of Applied Ecology</i> , 2004 , 15, 1245-52	0.3	1
6	Phylogenetic analysis of a free-living strain of Symbiodinium isolated from Jiaozhou Bay, P.R. China. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003 , 296, 135-144	2.1	33
5	Geometric models for calculating cell biovolume and surface area for phytoplankton. <i>Journal of Plankton Research</i> , 2003 , 25, 1331-1346	2.2	644
4	The ecological response of natural phytoplankton population and related metabolic rates to future ocean acidification. <i>Journal of Oceanology and Limnology</i> , 1	1.5	
3	Evidence of the Significant Contribution of Heterotrophic Diazotrophs to Nitrogen Fixation in the Eastern Indian Ocean During Pre-Southwest Monsoon Period. <i>Ecosystems</i> , 1	3.9	1
2	Sinking rates and export flux of Transparent Exopolymer Particles (TEPs) in an eutrophic coastal sea: a case study in the Changjiang (Yangtze River) Estuary		2
1	Significant Pico- and Nanoplankton Contributions to Biogenic Silica Standing Stocks and Production Rates in the Oligotrophic Eastern Indian Ocean. <i>Ecosystems</i> , 1	3.9	2