

Master recyclers: features and functions of bacteria associated with phytoplankton blooms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Draft Genome Sequence of <i>Sulfitobacter</i> sp. CB2047, a Member of the <i>Roseobacter</i> Clade of Marine Bacteria, Isolated from an <i>Emiliania huxleyi</i> Bloom. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
2	Spatial and temporal variations in environmental variables in relation to phytoplankton composition and biomass in coral reef areas around Unguja, Zanzibar, Tanzania. <i>SpringerPlus</i> , 2015, 4, 646.	1.2	16
3	Hidden biosphere in an oxygen-deficient Atlantic open-ocean eddy: future implications of ocean deoxygenation on primary production in the eastern tropical North Atlantic. <i>Biogeosciences</i> , 2015, 12, 7467-7482.	1.3	29
4	In Silico Analysis of the Metabolic Potential and Niche Specialization of Candidate Phylum "Latescibacteria" (WS3). <i>PLoS ONE</i> , 2015, 10, e0127499.	1.1	102
5	Non-Selective Evolution of Growing Populations. <i>PLoS ONE</i> , 2015, 10, e0134300.	1.1	17
6	<i>Phaeobacter</i> sp. Strain Y4I Utilizes Two Separate Cell-to-Cell Communication Systems To Regulate Production of the Antimicrobial Indigoidine. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1417-1425.	1.4	19
7	How do divergent ecological strategies emerge among marine bacterioplankton lineages?. <i>Trends in Microbiology</i> , 2015, 23, 577-584.	3.5	65
8	Marine microbial community dynamics and their ecological interpretation. <i>Nature Reviews Microbiology</i> , 2015, 13, 133-146.	13.6	681
9	Variation in the Presence of Anti-Batrachochytrium dendrobatidis Bacteria of Amphibians Across Life Stages and Elevations in Ecuador. <i>EcoHealth</i> , 2015, 12, 310-319.	0.9	42
10	Potential DMSP-degrading <i>Roseobacter</i> clade dominates endosymbiotic microflora of <i>Pyrodinium bahamense</i> var. <i>compressum</i> (Dinophyceae) in vitro. <i>Archives of Microbiology</i> , 2015, 197, 965-971.	1.0	15
11	Prokaryotic assemblages and metagenomes in pelagic zones of the South China Sea. <i>BMC Genomics</i> , 2015, 16, 219.	1.2	33
12	Changes in the <i>Synechococcus</i> Assemblage Composition at the Surface of the East China Sea Due to Flooding of the Changjiang River. <i>Microbial Ecology</i> , 2015, 70, 677-688.	1.4	17
13	Exploring mutualistic interactions between microalgae and bacteria in the omics age. <i>Current Opinion in Plant Biology</i> , 2015, 26, 147-153.	3.5	179
14	Annual dynamics of North Sea bacterioplankton: seasonal variability superimposes short-term variation. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv099.	1.3	45
15	Roles of diatom nutrient stress and species identity in determining the short- and long-term bioavailability of diatom exudates to bacterioplankton. <i>Marine Chemistry</i> , 2015, 177, 335-348.	0.9	28
16	Succession within the prokaryotic communities during the VAHINE mesocosms experiment in the New Caledonia lagoon. <i>Biogeosciences</i> , 2016, 13, 2319-2337.	1.3	16
17	<i>Marinobacter</i> Dominates the Bacterial Community of the <i>Ostreococcus tauri</i> Phycosphere in Culture. <i>Frontiers in Microbiology</i> , 2016, 7, 1414.	1.5	43
18	Recurring patterns in bacterioplankton dynamics during coastal spring algae blooms. <i>ELife</i> , 2016, 5, e11888.	2.8	414

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19	Autochthonous Dissolved Organic Matter Drives Bacterial Community Composition during a Bloom of Filamentous Cyanobacteria. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	14
20	Coupled Response of Bacterial Production to a Wind-Induced Fall Phytoplankton Bloom and Sediment Resuspension in the Chukchi Sea Shelf, Western Arctic Ocean. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	24
21	Short-Term Dynamics of North Sea Bacterioplankton-Dissolved Organic Matter Coherence on Molecular Level. <i>Frontiers in Microbiology</i> , 2016, 7, 321.	1.5	48
22	Spatio-Temporal Interdependence of Bacteria and Phytoplankton during a Baltic Sea Spring Bloom. <i>Frontiers in Microbiology</i> , 2016, 7, 517.	1.5	90
23	Bacterioplankton Biogeography of the Atlantic Ocean: A Case Study of the Distance-Decay Relationship. <i>Frontiers in Microbiology</i> , 2016, 7, 590.	1.5	45
24	Co-occurrence Analysis of Microbial Taxa in the Atlantic Ocean Reveals High Connectivity in the Free-Living Bacterioplankton. <i>Frontiers in Microbiology</i> , 2016, 7, 649.	1.5	152
25	Identification of Free-Living and Particle-Associated Microbial Communities Present in Hadal Regions of the Mariana Trench. <i>Frontiers in Microbiology</i> , 2016, 7, 665.	1.5	99
26	Gene Flow Across Genus Barriers – Conjugation of <i>Dinoroseobacter shibae</i> 's 191-kb Killer Plasmid into <i>Phaeobacter inhibens</i> and AHL-mediated Expression of Type IV Secretion Systems. <i>Frontiers in Microbiology</i> , 2016, 7, 742.	1.5	24
27	Genetic Manipulation of Competition for Nitrate between Heterotrophic Bacteria and Diatoms. <i>Frontiers in Microbiology</i> , 2016, 7, 880.	1.5	55
28	A Metaproteomic Analysis of the Response of a Freshwater Microbial Community under Nutrient Enrichment. <i>Frontiers in Microbiology</i> , 2016, 7, 1172.	1.5	28
29	Phytoplankton-Associated Bacterial Community Composition and Succession during Toxic Diatom Bloom and Non-Bloom Events. <i>Frontiers in Microbiology</i> , 2016, 7, 1433.	1.5	60
30	Bacterial Communities Associated with Four Cyanobacterial Genera Display Structural and Functional Differences: Evidence from an Experimental Approach. <i>Frontiers in Microbiology</i> , 2016, 7, 1662.	1.5	57
31	Seasonal Succession of Free-Living Bacterial Communities in Coastal Waters of the Western Antarctic Peninsula. <i>Frontiers in Microbiology</i> , 2016, 7, 1731.	1.5	53
32	Complete genome sequence of bacteriophage P2559Y, a marine phage that infects <i>Croceibacter atlanticus</i> HTCC2559. <i>Marine Genomics</i> , 2016, 29, 35-38.	0.4	20
33	Biological hot spots and the accumulation of marine dissolved organic matter in a highly productive ocean margin. <i>Limnology and Oceanography</i> , 2016, 61, 1287-1300.	1.6	40
34	Viral infection of the marine alga <i>Emiliania huxleyi</i> triggers lipidome remodeling and induces the production of highly saturated triacylglycerol. <i>New Phytologist</i> , 2016, 210, 88-96.	3.5	98
35	Trace Metal Acquisition by Marine Heterotrophic Bacterioplankton with Contrasting Trophic Strategies. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1613-1624.	1.4	51
36	Copiotrophic marine bacteria are associated with strong iron-binding ligand production during phytoplankton blooms. <i>Limnology and Oceanography Letters</i> , 2016, 1, 36-43.	1.6	25

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37	Spatiotemporal variation of the bacterioplankton community in the German Bight: from estuarine to offshore regions. <i>Helgoland Marine Research</i> , 2016, 70, .	1.3	17
38	Selective growth promotion of bloom-forming raphidophyte <i>Heterosigma akashiwo</i> by a marine bacterial strain. <i>Harmful Algae</i> , 2016, 60, 150-156.	2.2	8
39	Bacterial and protist community changes during a phytoplankton bloom. <i>Limnology and Oceanography</i> , 2016, 61, 198-213.	1.6	22
40	Regrowth in ship's ballast water tanks: Think again!. <i>Marine Pollution Bulletin</i> , 2016, 109, 46-48.	2.3	28
41	Oceanic fronts: transition zones for bacterioplankton community composition. <i>Environmental Microbiology Reports</i> , 2016, 8, 132-138.	1.0	65
42	Ultrastructural and Single-Cell-Level Characterization Reveals Metabolic Versatility in a Microbial Eukaryote Community from an Ice-Covered Antarctic Lake. <i>Applied and Environmental Microbiology</i> , 2016, 82, 3659-3670.	1.4	36
43	Contribution of airborne microbes to bacterial production and N ₂ fixation in seawater upon aerosol deposition. <i>Geophysical Research Letters</i> , 2016, 43, 719-727.	1.5	32
44	Biological pretreatments of microalgal biomass for gaseous biofuel production and the potential use of rumen microorganisms: A review. <i>Algal Research</i> , 2016, 18, 341-351.	2.4	57
46	Quorum Sensing and Quorum Quenching in the Phycosphere of Phytoplankton: a Case of Chemical Interactions in Ecology. <i>Journal of Chemical Ecology</i> , 2016, 42, 1201-1211.	0.9	70
47	Habitat and taxon as driving forces of carbohydrate catabolism in marine heterotrophic bacteria: example of the model algae-associated bacterium <i>Zobellia galactanivorans</i> T ⁺ . <i>Environmental Microbiology</i> , 2016, 18, 4610-4627.	1.8	131
48	Genomic, physiologic, and proteomic insights into metabolic versatility in <i>Roseobacter</i> clade bacteria isolated from deep-sea water. <i>Scientific Reports</i> , 2016, 6, 35528.	1.6	22
49	Pronounced daily succession of phytoplankton, archaea and bacteria following a spring bloom. <i>Nature Microbiology</i> , 2016, 1, 16005.	5.9	384
50	Biogeography and environmental genomics of the <i>Roseobacter</i> -affiliated pelagic CHAB-I-5 lineage. <i>Nature Microbiology</i> , 2016, 1, 16063.	5.9	36
51	A comprehensive insight into functional profiles of free-living microbial community responses to a toxic <i>Akashiwo sanguinea</i> bloom. <i>Scientific Reports</i> , 2016, 6, 34645.	1.6	25
52	Draft genome sequence of the marine <i>Rhodobacteraceae</i> strain O3.65, cultivated from oil-polluted seawater of the Deepwater Horizon oil spill. <i>Standards in Genomic Sciences</i> , 2016, 11, 81.	1.5	11
53	Response of the bacterial community associated with a cosmopolitan marine diatom to crude oil shows a preference for the biodegradation of aromatic hydrocarbons. <i>Environmental Microbiology</i> , 2016, 18, 1817-1833.	1.8	68
54	Response of marine bacterioplankton pH homeostasis gene expression to elevated CO ₂ . <i>Nature Climate Change</i> , 2016, 6, 483-487.	8.1	68
55	Maltooligosaccharides in the northwestern Adriatic Sea. <i>Chemistry and Ecology</i> , 2016, 32, 88-102.	0.6	2

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56	Deciphering associations between dissolved organic molecules and bacterial communities in a pelagic marine system. <i>ISME Journal</i> , 2016, 10, 1717-1730.	4.4	155
57	Effects of biochar and compost amendments on soil physico-chemical properties and the total community within a temperate agricultural soil. <i>Applied Soil Ecology</i> , 2016, 98, 243-253.	2.1	199
58	Algae–bacteria interactions: Evolution, ecology and emerging applications. <i>Biotechnology Advances</i> , 2016, 34, 14-29.	6.0	937
59	The source of inoculum drives bacterial community structure in <i>Synechocystis</i> sp. PCC6803-based photobioreactors. <i>Algal Research</i> , 2016, 13, 109-115.	2.4	6
60	The Thermodynamics of Marine Biogeochemical Cycles: Lotka Revisited. <i>Annual Review of Marine Science</i> , 2016, 8, 333-356.	5.1	28
61	Microbial Surface Colonization and Biofilm Development in Marine Environments. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 91-138.	2.9	864
62	Marine bacterial community structure resilience to changes in protist predation under phytoplankton bloom conditions. <i>ISME Journal</i> , 2016, 10, 568-581.	4.4	65
63	Shifts in bacterial community composition associated with increased carbon cycling in a mosaic of phytoplankton blooms. <i>ISME Journal</i> , 2016, 10, 39-50.	4.4	136
64	Ocean acidification effect on prokaryotic metabolism tested in two diverse trophic regimes in the Mediterranean Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 186, 125-138.	0.9	25
65	Marine Bacterioplankton Seasonal Succession Dynamics. <i>Trends in Microbiology</i> , 2017, 25, 494-505.	3.5	210
66	Deep-sequencing of the bacterial microbiota in commercial-scale recirculating and semi-closed aquaculture systems for Atlantic salmon post-smolt production. <i>Aquacultural Engineering</i> , 2017, 78, 50-62.	1.4	83
67	Phylogenomics of <i>Rhodobacteraceae</i> reveals evolutionary adaptation to marine and non-marine habitats. <i>ISME Journal</i> , 2017, 11, 1483-1499.	4.4	283
68	Relationship between dissolved organic carbon and bacterial community in the coastal waters of Incheon, Korea. <i>Oceanological and Hydrobiological Studies</i> , 2017, 46, 50-61.	0.3	7
69	<i>Prochlorococcus</i> in the lab and in silico: The importance of representing exudation. <i>Limnology and Oceanography</i> , 2017, 62, 818-835.	1.6	26
70	Soda pans of the Pannonian steppe harbor unique bacterial communities adapted to multiple extreme conditions. <i>Extremophiles</i> , 2017, 21, 639-649.	0.9	44
71	The environmental and host-associated bacterial microbiota of Arctic seawater-farmed Atlantic salmon with ulcerative disorders. <i>Journal of Fish Diseases</i> , 2017, 40, 1645-1663.	0.9	74
72	Cascading influence of inorganic nitrogen sources on DOM production, composition, lability and microbial community structure in the open ocean. <i>Environmental Microbiology</i> , 2017, 19, 3450-3464.	1.8	34
73	A multiomics approach to study the microbiome response to phytoplankton blooms. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4863-4870.	1.7	8

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74	Enhanced crude oil biodegradative potential of natural phytoplankton-associated hydrocarbonoclastic bacteria. <i>Environmental Microbiology</i> , 2017, 19, 2843-2861.	1.8	47
75	Zooming in on the phycosphere: the ecological interface for phytoplankton-bacteria relationships. <i>Nature Microbiology</i> , 2017, 2, 17065.	5.9	727
76	Diversity and community composition of particle-associated and free-living bacteria in mesopelagic and bathypelagic Southern Ocean water masses: Evidence of dispersal limitation in the Bransfield Strait. <i>Limnology and Oceanography</i> , 2017, 62, 1080-1095.	1.6	71
77	Isolation of a bacterial strain, <i>Acinetobacter</i> sp. from centrate wastewater and study of its cooperation with algae in nutrients removal. <i>Bioresource Technology</i> , 2017, 235, 59-69.	4.8	69
78	Leucine, starch and bicarbonate utilization by specific bacterial groups in surface shelf waters off Galicia (NW Spain). <i>Environmental Microbiology</i> , 2017, 19, 2379-2390.	1.8	7
79	Electricity and biomass production in a bacteria- <i>Chlorella</i> based microbial fuel cell treating wastewater. <i>Journal of Power Sources</i> , 2017, 356, 299-309.	4.0	66
80	Microbial players and processes involved in phytoplankton bloom utilization in the water column of a fast-flowing, river-dominated estuary. <i>MicrobiologyOpen</i> , 2017, 6, e00467.	1.2	18
81	Elevated temperature increases carbon and nitrogen fluxes between phytoplankton and heterotrophic bacteria through physical attachment. <i>ISME Journal</i> , 2017, 11, 641-650.	4.4	60
82	A unique large-scale undergraduate research experience in molecular systems biology for non-mathematics majors. <i>Biochemistry and Molecular Biology Education</i> , 2017, 45, 235-248.	0.5	10
83	Patterns of bacterial diversity in the marine planktonic particulate matter continuum. <i>ISME Journal</i> , 2017, 11, 999-1010.	4.4	128
84	Genomic and physiological analyses of <i>Reinekea forsetii</i> ™ reveal a versatile opportunistic lifestyle during spring algae blooms. <i>Environmental Microbiology</i> , 2017, 19, 1209-1221.	1.8	13
85	Coastal bacterioplankton community response to diatom-derived polysaccharide microgels. <i>Environmental Microbiology Reports</i> , 2017, 9, 151-157.	1.0	52
86	Algal polysaccharide utilisation by saprotrophic planktonic marine fungi. <i>Fungal Ecology</i> , 2017, 30, 135-138.	0.7	55
87	Fungal community dynamics during a marine dinoflagellate (<i>Noctiluca scintillans</i>) bloom. <i>Marine Environmental Research</i> , 2017, 131, 183-194.	1.1	46
88	Marine microbiology: Roommates in space and time. <i>Nature Microbiology</i> , 2017, 2, 17122.	5.9	1
89	Strategies and ecological roles of algicidal bacteria. <i>FEMS Microbiology Reviews</i> , 2017, 41, 880-899.	3.9	153
90	Testing the metabolic theory of ecology with marine bacteria: different temperature sensitivity of major phylogenetic groups during the spring phytoplankton bloom. <i>Environmental Microbiology</i> , 2017, 19, 4493-4505.	1.8	39
91	Phylogenetically conserved resource partitioning in the coastal microbial loop. <i>ISME Journal</i> , 2017, 11, 2781-2792.	4.4	82

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92	Biological production, export efficiency, and phytoplankton communities across 8000 km of the South Atlantic. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1066-1088.	1.9	10
93	Seasonal variations in C:N:Si:Ca:P:Mg:S:K:Fe relationships of seston from Norwegian coastal water: Impact of extreme offshore forcing during winter-spring 2010. <i>Marine Chemistry</i> , 2017, 196, 1-12.	0.9	12
94	Identification of unique microbiomes associated with harmful algal blooms caused by <i>Alexandrium fundyense</i> and <i>Dinophysis acuminata</i> . <i>Harmful Algae</i> , 2017, 68, 17-30.	2.2	48
95	Bioprospecting North Atlantic microalgae with fast growth and high polyunsaturated fatty acid (PUFA) content for microalgae-based technologies. <i>Algal Research</i> , 2017, 26, 392-401.	2.4	70
96	Photosynthetic carbon uptake induces autoflocculation of the marine microalga <i>Nannochloropsis oculata</i> . <i>Algal Research</i> , 2017, 26, 302-311.	2.4	42
97	Spatial variability of marine bacterial and archaeal communities along the particulate matter continuum. <i>Molecular Ecology</i> , 2017, 26, 6827-6840.	2.0	42
98	Diversity of retrievable heterotrophic bacteria in Kongsfjorden, an Arctic fjord. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 51-61.	0.8	19
99	Effect of Macondo Prospect 252 Oil on Microbiota Associated with Pelagic Sargassum in the Northern Gulf of Mexico. <i>Microbial Ecology</i> , 2017, 73, 91-100.	1.4	19
100	Spatio-Temporal Monitoring and Ecological Significance of Retrievable Pelagic Heterotrophic Bacteria in Kongsfjorden, an Arctic Fjord. <i>Indian Journal of Microbiology</i> , 2017, 57, 116-120.	1.5	10
101	Pyrosequencing reveals specific associations of bacterial clades <i>Roseobacter</i> and <i>Flavobacterium</i> with the harmful dinoflagellate <i>Cochlodinium polykrikoides</i> growing in culture. <i>Marine Ecology</i> , 2017, 38, e12474.	0.4	17
102	Direct Heme Uptake by Phytoplankton-Associated <i>Roseobacter</i> Bacteria. <i>MSystems</i> , 2017, 2, .	1.7	29
103	Changes in Marine Prokaryote Composition with Season and Depth Over an Arctic Polar Year. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	73
104	The Partitioning of Carbon Biomass among the Pico- and Nano-plankton Community in the South Brazilian Bight during a Strong Summer Intrusion of South Atlantic Central Water. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	21
105	Fronts at the Surface Ocean Can Shape Distinct Regions of Microbial Activity and Community Assemblages Down to the Bathypelagic Zone: The Azores Front as a Case Study. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	27
106	Characterization of Potential Polysaccharide Utilization Systems in the Marine Bacteroidetes <i>Gramella Flava</i> JLT2011 Using a Multi-Omics Approach. <i>Frontiers in Microbiology</i> , 2017, 8, 220.	1.5	57
107	Bacterial Community Composition and Potential Driving Factors in Different Reef Habitats of the Spermonde Archipelago, Indonesia. <i>Frontiers in Microbiology</i> , 2017, 8, 662.	1.5	22
108	Bacterial Biogeography across the Amazon River-Ocean Continuum. <i>Frontiers in Microbiology</i> , 2017, 8, 882.	1.5	75
109	Exploring Microdiversity in Novel <i>Kordia</i> sp. (Bacteroidetes) with Proteorhodopsin from the Tropical Indian Ocean via Single Amplified Genomes. <i>Frontiers in Microbiology</i> , 2017, 8, 1317.	1.5	7

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110	Composition of Total and Cell-Proliferating Bacterioplankton Community in Early Summer in the North Sea – Roseobacters Are the Most Active Component. <i>Frontiers in Microbiology</i> , 2017, 8, 1771.	1.5	30
111	Gene Expression Analysis of <i>Zobellia galactanivorans</i> during the Degradation of Algal Polysaccharides Reveals both Substrate-Specific and Shared Transcriptome-Wide Responses. <i>Frontiers in Microbiology</i> , 2017, 8, 1808.	1.5	58
112	Insights into Microalga and Bacteria Interactions of Selected Phycosphere Biofilms Using Metagenomic, Transcriptomic, and Proteomic Approaches. <i>Frontiers in Microbiology</i> , 2017, 8, 1941.	1.5	97
113	Seasonal Shifts in Bacterial Community Responses to Phytoplankton-Derived Dissolved Organic Matter in the Western Antarctic Peninsula. <i>Frontiers in Microbiology</i> , 2017, 8, 2117.	1.5	35
114	Glyphosate Shapes a Dinoflagellate-Associated Bacterial Community While Supporting Algal Growth as Sole Phosphorus Source. <i>Frontiers in Microbiology</i> , 2017, 8, 2530.	1.5	42
115	Variation of bacterial communities in water and sediments during the decomposition of <i>Microcystis</i> biomass. <i>PLoS ONE</i> , 2017, 12, e0176397.	1.1	44
116	Concurrent jellyfish blooms and tenacibaculosis outbreaks in Northern Norwegian Atlantic salmon (<i>Salmo salar</i>) farms. <i>PLoS ONE</i> , 2017, 12, e0187476.	1.1	31
117	Spatiotemporal analysis of microbial community dynamics during seasonal stratification events in a freshwater lake (Grand Lake, OK, USA). <i>PLoS ONE</i> , 2017, 12, e0177488.	1.1	47
118	Seasonal variations of the sea surface microlayer at the Boknis Eck Times Series Station (Baltic Sea). <i>Journal of Plankton Research</i> , 2017, 39, 943-961.	0.8	12
119	Non-Redfield, nutrient synergy and flexible internal elemental stoichiometry in a marine bacterium. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	8
120	Spatio-seasonal variability of chromophoric dissolved organic matter absorption and responses to photobleaching in a large shallow temperate lake. <i>Biogeosciences</i> , 2017, 14, 1215-1233.	1.3	18
121	Microbial dynamics during harmful dinoflagellate <i>Ostreopsis</i> cf. <i>ovata</i> growth: Bacterial succession and viral abundance pattern. <i>MicrobiologyOpen</i> , 2018, 7, e00584.	1.2	27
122	Are oceanic fronts ecotones? Seasonal changes along the subtropical front show fronts as bacterioplankton transition zones but not diversity hotspots. <i>Environmental Microbiology Reports</i> , 2018, 10, 184-189.	1.0	18
123	Organic matter bioavailability in tropical coastal waters: The Great Barrier Reef. <i>Limnology and Oceanography</i> , 2018, 63, 1015-1035.	1.6	40
124	A multi-step approach for testing non-toxic amphiphilic antifouling coatings against marine microfouling at different levels of biological complexity. <i>Journal of Microbiological Methods</i> , 2018, 146, 104-114.	0.7	12
125	Combined diet of yeast, fermented soybean meal, and microparticulate as larval feed in extensive rearing systems for seed production of the oriental river prawn <i>Macrobrachium nipponense</i> . <i>Aquaculture International</i> , 2018, 26, 757-772.	1.1	1
126	Inhibition of <i>Nitzschia ovalis</i> biofilm settlement by a bacterial bioactive compound through alteration of EPS and epiphytic bacteria. <i>Electronic Journal of Biotechnology</i> , 2018, 33, 1-10.	1.2	15
127	Spatiotemporal patterns of phytoplankton composition and abundance in the Maryland Coastal Bays: The influence of freshwater discharge and anthropogenic activities. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 119-131.	0.9	18

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128	Microbial activity during a coastal phytoplankton bloom on the Western Antarctic Peninsula in late summer. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	24
129	Elucidation of the bacterial communities associated with the harmful microalgae <i>Alexandrium tamarense</i> and <i>Cochlodinium polykrikoides</i> using nanopore sequencing. <i>Scientific Reports</i> , 2018, 8, 5323.	1.6	43
130	Solar-panel and parasol strategies shape the proteorhodopsin distribution pattern in marine Flavobacteria. <i>ISME Journal</i> , 2018, 12, 1329-1343.	4.4	18
131	Double blind microarray-based polysaccharide profiling enables parallel identification of uncharacterized polysaccharides and carbohydrate-binding proteins with unknown specificities. <i>Scientific Reports</i> , 2018, 8, 2500.	1.6	18
132	Impact of nutrient enrichment on productivity of coastal water along the SE Mediterranean shore of Israel - A bioassay approach. <i>Marine Pollution Bulletin</i> , 2018, 127, 559-567.	2.3	39
133	Recurrent patterns of microdiversity in a temperate coastal marine environment. <i>ISME Journal</i> , 2018, 12, 237-252.	4.4	135
134	Detecting Environment-Dependent Diversification From Phylogenies: A Simulation Study and Some Empirical Illustrations. <i>Systematic Biology</i> , 2018, 67, 576-593.	2.7	25
135	Major changes in the composition of a Southern Ocean bacterial community in response to diatom-derived dissolved organic matter. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	25
136	Anaerobic co-digestion of high-strength organic wastes pretreated by thermal hydrolysis. <i>Bioresource Technology</i> , 2018, 257, 238-248.	4.8	26
137	Photoreactivity of riverine and phytoplanktonic dissolved organic matter and its effects on the dynamics of a bacterial community from the coastal Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 163, 82-93.	1.5	5
138	Drivers of coastal bacterioplankton community diversity and structure along a nutrient gradient in the East China Sea. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 329-340.	0.6	3
139	Fast-growing algicidal <i>Streptomyces</i> sp. U3 and its potential in harmful algal bloom controls. <i>Journal of Hazardous Materials</i> , 2018, 341, 138-149.	6.5	37
140	The Ecology of One Cosmopolitan, One Newly Introduced and One Occasionally Advected Species from the Genus <i>Skeletonema</i> in a Highly Structured Ecosystem, the Northern Adriatic. <i>Microbial Ecology</i> , 2018, 75, 674-687.	1.4	18
141	The role of groundwater discharge fluxes on Si:P ratios in a major tributary to Lake Erie. <i>Science of the Total Environment</i> , 2018, 622-623, 814-824.	3.9	5
142	100 Days of marine <i>Synechococcus</i> & “ <i>Ruegeria pomeroyi</i> ” interaction: A detailed analysis of the exoproteome. <i>Environmental Microbiology</i> , 2018, 20, 785-799.	1.8	19
143	Metabolic versatility of a novel N ₂ -fixing Alphaproteobacterium isolated from a marine oxygen minimum zone. <i>Environmental Microbiology</i> , 2018, 20, 755-768.	1.8	29
144	Dynamics of Heterotrophic Bacterial Assemblages within <i>Synechococcus</i> Cultures. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	52
145	Defining the core microbiome of the symbiotic dinoflagellate, <i>Symbiodinium</i> . <i>Environmental Microbiology Reports</i> , 2018, 10, 7-11.	1.0	94

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146	Metaproteomics reveals major microbial players and their metabolic activities during the blooming period of a marine dinoflagellate <i>Prorocentrum donghaiense</i> . <i>Environmental Microbiology</i> , 2018, 20, 632-644.	1.8	35
147	Microbial Communities in the East and West Fram Strait During Sea Ice Melting Season. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	53
148	Correlation of physics and chemical factors on phytoplankton distribution pattern in North Sunter Reservoir, Jakarta. <i>MATEC Web of Conferences</i> , 2018, 197, 13014.	0.1	0
149	The Molecular Fingerprint of Fluorescent Natural Organic Matter Offers Insight into Biogeochemical Sources and Diagenetic State. <i>Analytical Chemistry</i> , 2018, 90, 14188-14197.	3.2	45
150	Diversity, evolutionary contribution and ecological roles of aquatic viruses. <i>Science China Life Sciences</i> , 2018, 61, 1486-1502.	2.3	65
151	Phytobionts of Wastewater and Restitution. , 2018, , 379-401.		2
152	Impact of <i>Dinophysis acuminata</i> Feeding <i>Mesodinium rubrum</i> on Nutrient Dynamics and Bacterial Composition in a Microcosm. <i>Toxins</i> , 2018, 10, 443.	1.5	24
153	Bacterial Community Composition in the Sea Surface Microlayer Off the Peruvian Coast. <i>Frontiers in Microbiology</i> , 2018, 9, 2699.	1.5	22
154	The Microbiome of the Cosmopolitan Diatom <i>Leptocylindrus</i> Reveals Significant Spatial and Temporal Variability. <i>Frontiers in Microbiology</i> , 2018, 9, 2758.	1.5	35
155	Isolation of an algicidal bacterium and its effects against the harmful-algal- bloom dinoflagellate <i>Prorocentrum donghaiense</i> (Dinophyceae). <i>Harmful Algae</i> , 2018, 80, 72-79.	2.2	52
156	Rhizosphere microbiome structure alters to enable wilt resistance in tomato. <i>Nature Biotechnology</i> , 2018, 36, 1100-1109.	9.4	506
157	Non-Enzymatic Synthesis of Bioactive Isoprostanoids in the Diatom <i>Phaeodactylum</i> following Oxidative Stress. <i>Plant Physiology</i> , 2018, 178, 1344-1357.	2.3	34
158	Variation of bacterial community associated with <i>Phaeodactylum tricornutum</i> in response to different inorganic nitrogen concentrations. <i>Acta Oceanologica Sinica</i> , 2018, 37, 118-128.	0.4	4
159	Causes and Consequences of a Variant Strain of <i>Phaeobacter inhibens</i> With Reduced Competition. <i>Frontiers in Microbiology</i> , 2018, 9, 2601.	1.5	11
160	Bacterial virulence against an oceanic bloom-forming phytoplankter is mediated by algal DMSP. <i>Science Advances</i> , 2018, 4, eaau5716.	4.7	78
161	Bacterial Carbon Cycling in the River Plume in the Northern South China Sea During Summer. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8106-8121.	1.0	15
162	Prevalent reliance of bacterioplankton on exogenous vitamin B1 and precursor availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10447-E10456.	3.3	64
163	Spatial Variability and Co-acclimation of Phytoplankton and Bacterioplankton Communities in the Pearl River Estuary, China. <i>Frontiers in Microbiology</i> , 2018, 9, 2503.	1.5	28

#	ARTICLE	IF	CITATIONS
164	Insight Into the Pico- and Nano-Phytoplankton Communities in the Deepest Biosphere, the Mariana Trench. <i>Frontiers in Microbiology</i> , 2018, 9, 2289.	1.5	30
165	The marine bacterium <i>Phaeobacter inhibens</i> secures external ammonium by rapid buildup of intracellular nitrogen stocks. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	7
166	Regeneration and utilization of nutrients during collapse of a <i>Mesodinium rubrum</i> red tide and its influence on phytoplankton species composition. <i>Science China Earth Sciences</i> , 2018, 61, 1384-1396.	2.3	6
167	Phyto- and Bacterioplankton During Early Spring Conditions in the Baltic Sea and Response to Short-Term Experimental Warming. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	7
168	Importance of free-living and particle-associated bacteria for the growth of the harmful dinoflagellate <i>Prorocentrum minimum</i> : evidence in culture stages. <i>Marine and Freshwater Research</i> , 2018, 69, 290.	0.7	19
169	Deterministic mechanisms define the long-term anaerobic digestion microbiome and its functionality regardless of the initial microbial community. <i>Water Research</i> , 2018, 141, 366-376.	5.3	82
170	Relationship between dissolved organic matter quality and microbial community composition across polar glacial environments. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	26
171	Taxon-specific aerosolization of bacteria and viruses in an experimental ocean-atmosphere mesocosm. <i>Nature Communications</i> , 2018, 9, 2017.	5.8	103
172	Microbial distribution and turnover in Antarctic microbial mats highlight the relevance of heterotrophic bacteria in low-nutrient environments. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	19
173	Interactive network configuration maintains bacterioplankton community structure under elevated CO ₂ in a eutrophic coastal mesocosm experiment. <i>Biogeosciences</i> , 2018, 15, 551-565.	1.3	9
174	Size-fractionated chlorophyll a and phycocyanin temporal variations in a highly eutrophic lake and its isolated karstic springs. <i>Oceanological and Hydrobiological Studies</i> , 2018, 47, 118-127.	0.3	2
175	Linking patterns of net community production and marine microbial community structure in the western North Atlantic. <i>ISME Journal</i> , 2018, 12, 2582-2595.	4.4	15
176	Adaptive mechanisms that provide competitive advantages to marine bacteroidetes during microalgal blooms. <i>ISME Journal</i> , 2018, 12, 2894-2906.	4.4	84
177	The role of Eurasian beaver (<i>Castor fiber</i>) in the storage, emission and deposition of carbon in lakes and rivers of the River Ob flood plain, western Siberia. <i>Science of the Total Environment</i> , 2018, 644, 1371-1379.	3.9	18
178	Structure and function of high Arctic pelagic, particle-associated and benthic bacterial communities. <i>Environmental Microbiology</i> , 2018, 20, 2941-2954.	1.8	31
179	Contribution of heterotrophic bacterioplankton to cyanobacterial bloom formation in a tributary backwater area of the Three Gorges Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27402-27412.	2.7	6
180	Linking Seasonal Reduction of Microbial Diversity to Increase in Winter Temperature of Waters of a Chilean Patagonia Fjord. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	14
181	Water Browning Influences the Behavioral Effects of Ultraviolet Radiation on Zooplankton. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	17

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182	Cultivation-Independent and Cultivation-Dependent Analysis of Microbes in the Shallow-Sea Hydrothermal System Off Kueishantao Island, Taiwan: Unmasking Heterotrophic Bacterial Diversity and Functional Capacity. <i>Frontiers in Microbiology</i> , 2018, 9, 279.	1.5	35
183	Exploring Biogeochemistry and Microbial Diversity of Extant Microbialites in Mexico and Cuba. <i>Frontiers in Microbiology</i> , 2018, 9, 510.	1.5	29
184	Effects of Ice-Algal Aggregate Export on the Connectivity of Bacterial Communities in the Central Arctic Ocean. <i>Frontiers in Microbiology</i> , 2018, 9, 1035.	1.5	53
185	Microbial Community Structure and Associations During a Marine Dinoflagellate Bloom. <i>Frontiers in Microbiology</i> , 2018, 9, 1201.	1.5	103
186	Active bacterioplankton community response to dissolved α -free TM deoxyribonucleic acid (dDNA) in surface coastal marine waters. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	2
187	Microbial Community Dynamics and Assembly Follow Trajectories of an Early-Spring Diatom Bloom in a Semienclosed Bay. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	41
188	Daily variation in the prokaryotic community during a spring bloom in shelf waters of the East China Sea. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	11
189	Fine metagenomic profile of the Mediterranean stratified and mixed water columns revealed by assembly and recruitment. <i>Microbiome</i> , 2018, 6, 128.	4.9	95
190	Mini-review: Phytoplankton-derived polysaccharides in the marine environment and their interactions with heterotrophic bacteria. <i>Environmental Microbiology</i> , 2018, 20, 2671-2685.	1.8	197
191	Prokaryotic community successions and interactions in marine biofilms: the key role of Flavobacteriia. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	51
192	Bacterial Response to Permafrost Derived Organic Matter Input in an Arctic Fjord. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	26
193	<i>Rhodobacterales</i> use a unique L-threonine kinase for the assembly of the nucleotide loop of coenzyme B ₁₂ . <i>Molecular Microbiology</i> , 2018, 110, 239-261.	1.2	7
194	Visualisation of the obligate hydrocarbonoclastic bacteria <i>Polycyclovorans algicola</i> and <i>Algiphilus aromaticivorans</i> in co-cultures with micro-algae by CARD-FISH. <i>Journal of Microbiological Methods</i> , 2018, 152, 73-79.	0.7	14
195	Inter-individual variability in copepod microbiomes reveals bacterial networks linked to host physiology. <i>ISME Journal</i> , 2018, 12, 2103-2113.	4.4	52
196	Dynamics and interactions of highly resolved marine plankton via automated high-frequency sampling. <i>ISME Journal</i> , 2018, 12, 2417-2432.	4.4	66
197	Co-occurrence Networks Among Bacteria and Microbial Eukaryotes of Lake Baikal During a Spring Phytoplankton Bloom. <i>Microbial Ecology</i> , 2019, 77, 96-109.	1.4	97
198	Elucidation of glutamine lipid biosynthesis in marine bacteria reveals its importance under phosphorus deplete growth in <i>Rhodobacteraceae</i> . <i>ISME Journal</i> , 2019, 13, 39-49.	4.4	27
199	Impacts of reduced inorganic N:P ratio on three distinct plankton communities in the Humboldt upwelling system. <i>Marine Biology</i> , 2019, 166, 1.	0.7	8

#	ARTICLE	IF	CITATIONS
200	Diel transcriptional response of a California Current plankton microbiome to light, low iron, and enduring viral infection. <i>ISME Journal</i> , 2019, 13, 2817-2833.	4.4	61
201	In marine <i>Bacteroidetes</i> the bulk of glycan degradation during algae blooms is mediated by few clades using a restricted set of genes. <i>ISME Journal</i> , 2019, 13, 2800-2816.	4.4	125
202	Drivers of Carbon Export Efficiency in the Global Ocean. <i>Global Biogeochemical Cycles</i> , 2019, 33, 891-903.	1.9	90
203	Summer and winter coccolithophore blooms in the Black Sea and their impact on production of dissolved organic matter from Bio-Argo data. <i>Journal of Marine Systems</i> , 2019, 199, 103220.	0.9	28
204	Distinct relationships between fluorescence in situ hybridization and 16S rRNA gene- and amplicon-based sequencing data of bacterioplankton lineages. <i>Systematic and Applied Microbiology</i> , 2019, 42, 126000.	1.2	3
205	Viral Regulation on Bacterial Community Impacted by Lysis-Lysogeny Switch: A Microcosm Experiment in Eutrophic Coastal Waters. <i>Frontiers in Microbiology</i> , 2019, 10, 1763.	1.5	25
206	Marine Metagenomics. , 2019, , .		1
207	Biofilm formation as a microbial strategy to assimilate particulate substrates. <i>Environmental Microbiology Reports</i> , 2019, 11, 749-764.	1.0	20
208	Shotgun Metagenome Analyses: Seasonality Monitoring in Sendai Bay and Search for Red Tide Marker Sequences. , 2019, , 149-159.		0
209	The water depth-dependent co-occurrence patterns of marine bacteria in shallow and dynamic Southern Coast, Korea. <i>Scientific Reports</i> , 2019, 9, 9176.	1.6	33
210	Variations of bacterial community during the decomposition of <i>Microcystis</i> under different temperatures and biomass. <i>BMC Microbiology</i> , 2019, 19, 207.	1.3	9
211	Prokaryotic and eukaryotic microbiomes associated with blooms of the ichthyotoxic dinoflagellate <i>Cochlodinium</i> (<i>Margalefidinium</i>) <i>polykrikoides</i> in New York, USA, estuaries. <i>PLoS ONE</i> , 2019, 14, e0223067.	1.1	16
212	Amino Acid and Sugar Catabolism in the Marine Bacterium <i>Phaeobacter inhibens</i> DSM 17395 from an Energetic Viewpoint. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	8
213	Unprecedented DMSP Concentrations in a Massive Dinoflagellate Bloom in Monterey Bay, CA. <i>Geophysical Research Letters</i> , 2019, 46, 12279-12288.	1.5	26
214	Marine Proteobacteria metabolize glycolate via the $\hat{1}^2$ -hydroxyaspartate cycle. <i>Nature</i> , 2019, 575, 500-504.	13.7	71
215	Isolation and genome analysis of <i>Winogradskyella algicola</i> sp. nov., the dominant bacterial species associated with the green alga <i>Dunaliella tertiolecta</i> . <i>Journal of Microbiology</i> , 2019, 57, 982-990.	1.3	7
216	Host specificity in diatomâ€“bacteria interactions alleviates antagonistic effects. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	33
217	High-throughput DNA sequencing reveals the dominance of pico- and other filamentous cyanobacteria in an urban freshwater Lake. <i>Science of the Total Environment</i> , 2019, 661, 465-480.	3.9	28

#	ARTICLE	IF	CITATIONS
218	Friends With Benefits: Exploring the Phycosphere of the Marine Diatom <i>Skeletonema marinoi</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1828.	1.5	39
219	Niche differentiation among annually recurrent coastal Marine Group II Euryarchaeota. <i>ISME Journal</i> , 2019, 13, 3024-3036.	4.4	41
220	A Comparative Metagenomics Study on Gastrointestinal Microbiota in Amphibious Mudskippers and Other Vertebrate Animals. <i>Animals</i> , 2019, 9, 660.	1.0	6
221	Selfish, sharing and scavenging bacteria in the Atlantic Ocean: a biogeographical study of bacterial substrate utilisation. <i>ISME Journal</i> , 2019, 13, 1119-1132.	4.4	103
222	Genomic reconstructions and potential metabolic strategies of generalist and specialist heterotrophic bacteria associated with an estuary <i>Synechococcus</i> culture. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	26
223	<i>N</i> -Acyl Homoserine Lactone Derived Tetramic Acids Impair Photosynthesis in <i>Phaeodactylum tricornutum</i> . <i>ACS Chemical Biology</i> , 2019, 14, 198-203.	1.6	29
224	Consistency in microbiomes in cultures of <i>Alexandrium</i> species isolated from brackish and marine waters. <i>Environmental Microbiology Reports</i> , 2019, 11, 425-433.	1.0	19
225	Unicellular Cyanobacteria Are Important Components of Phytoplankton Communities in Australia's Northern Oceanic Ecoregions. <i>Frontiers in Microbiology</i> , 2018, 9, 3356.	1.5	12
226	16S rRNA-Based metagenomic analysis of microbial communities associated with wild <i>Labroides dimidiatus</i> from Karah Island, Terengganu, Malaysia. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 21, e00303.	2.1	15
227	Phycosphere Microbial Succession Patterns and Assembly Mechanisms in a Marine Dinoflagellate Bloom. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	23
228	Exploring the ecology of the mesopelagic biological pump. <i>Progress in Oceanography</i> , 2019, 176, 102125.	1.5	55
229	Short-term succession of marine microbial fouling communities and the identification of primary and secondary colonizers. <i>Biofouling</i> , 2019, 35, 526-540.	0.8	26
230	Characterization of particulate organic matter cycling during a summer North Atlantic phytoplankton bloom using amino acid C and N stable isotopes. <i>Marine Chemistry</i> , 2019, 214, 103670.	0.9	16
231	Copepods promote bacterial community changes in surrounding seawater through farming and nutrient enrichment. <i>Environmental Microbiology</i> , 2019, 21, 3737-3750.	1.8	24
232	Influence of Light on Particulate Organic Matter Utilization by Attached and Free-Living Marine Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 1204.	1.5	24
233	Dual bloom of green algae and purple bacteria in an extremely shallow soda pan. <i>Extremophiles</i> , 2019, 23, 467-477.	0.9	10
234	Regional and Microenvironmental Scale Characterization of the <i>Zostera muelleri</i> Seagrass Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 1011.	1.5	53
235	Coupling between Hydrodynamics and Chlorophyll a and Bacteria in a Temperate Estuary: A Box Model Approach. <i>Water (Switzerland)</i> , 2019, 11, 588.	1.2	3

#	ARTICLE	IF	CITATIONS
236	Phaeobacter inhibens controls bacterial community assembly on a marine diatom. FEMS Microbiology Ecology, 2019, 95, .	1.3	24
237	Epibiotic bacterial community composition in red-tide dinoflagellate <i>Akashiwo sanguinea</i> culture under various growth conditions. FEMS Microbiology Ecology, 2019, 95, .	1.3	16
238	Quorum Sensing in Marine Biofilms and Environments. , 2019, , 55-96.		16
239	A theoretical framework for controlling complex microbial communities. Nature Communications, 2019, 10, 1045.	5.8	70
240	Diatoms shape the biogeography of heterotrophic prokaryotes in early spring in the Southern Ocean. Environmental Microbiology, 2019, 21, 1452-1465.	1.8	33
241	Delineation of ecologically distinct units of marine Bacteroidetes in the Northwestern Mediterranean Sea. Molecular Ecology, 2019, 28, 2846-2859.	2.0	31
242	A synthetic ecosystem for the multi-level modelling of heterotroph-phototroph metabolic interactions. Ecological Modelling, 2019, 399, 13-22.	1.2	10
243	Production of Dibromomethane and Changes in the Bacterial Community in Bromoform-Enriched Seawater. Microbes and Environments, 2019, 34, 215-218.	0.7	5
244	Co-occurrence patterns between phytoplankton and bacterioplankton across the pelagic zone of Lake Baikal during spring. Journal of Microbiology, 2019, 57, 252-262.	1.3	16
245	Genomic and metatranscriptomic analyses of carbon remineralization in an Antarctic polynya. Microbiome, 2019, 7, 29.	4.9	13
246	Cobaviruses â€“ a new globally distributed phage group infecting <i>Rhodobacteraceae</i> in marine ecosystems. ISME Journal, 2019, 13, 1404-1421.	4.4	26
247	Does the Chemodiversity of Bacterial Exometabolomes Sustain the Chemodiversity of Marine Dissolved Organic Matter?. Frontiers in Microbiology, 2019, 10, 215.	1.5	50
248	Microdiversity and temporal dynamics of marine bacterial dimethylsulfoniopropionate genes. Environmental Microbiology, 2019, 21, 1687-1701.	1.8	38
249	Editorial: The Responses of Marine Microorganisms, Communities and Ecofunctions to Environmental Gradients. Frontiers in Microbiology, 2019, 10, 115.	1.5	12
250	Characterisation of bacteria from the cultures of a <i>Chlorella</i> strain isolated from textile wastewater and their growth enhancing effects on the axenic cultures of <i>Chlorella vulgaris</i> in low nutrient media. Algal Research, 2019, 44, 101666.	2.4	21
251	Strong Seasonality in Arctic Estuarine Microbial Food Webs. Frontiers in Microbiology, 2019, 10, 2628.	1.5	29
252	Genomic Signatures for Sedimentary Microbial Utilization of Phytoplankton Detritus in a Fast-Flowing Estuary. Frontiers in Microbiology, 2019, 10, 2475.	1.5	9
253	Microalgae-bacteria symbiosis in microalgal growth and biofuel production: a review. Journal of Applied Microbiology, 2019, 126, 359-368.	1.4	186

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254	Candidatus Prosiiliococcus vernus, a spring phytoplankton bloom associated member of the Flavobacteriaceae. Systematic and Applied Microbiology, 2019, 42, 41-53.	1.2	39
255	Addition of algicidal bacterium CZBC1 and molasses to inhibit cyanobacteria and improve microbial communities, water quality and shrimp performance in culture systems. Aquaculture, 2019, 502, 303-311.	1.7	24
256	Effects of Copper Availability on the Physiology of Marine Heterotrophic Bacteria. Frontiers in Marine Science, 2019, 5, .	1.2	12
257	Bacteriophages that infect marine roseobacters: genomics and ecology. Environmental Microbiology, 2019, 21, 1885-1895.	1.8	34
258	Temporal and spatial changes in bacterial diversity in mixed use watersheds of the Great Lakes region. Journal of Great Lakes Research, 2019, 45, 109-118.	0.8	18
259	Community structural differences shape microbial responses to high molecular weight organic matter. Environmental Microbiology, 2019, 21, 557-571.	1.8	40
260	Microbial Communities Responding to Deep-Sea Hydrocarbon Spills. , 2019, , 1-17.		1
261	Bacterial and microeukaryotic plankton communities in a semi-intensive aquaculture system of sea bass (<i>Dicentrarchus labrax</i>): A seasonal survey. Aquaculture, 2019, 503, 59-69.	1.7	29
262	Community dynamics of free-living and particle-attached bacteria following a reservoir <i>Microcystis</i> bloom. Science of the Total Environment, 2019, 660, 501-511.	3.9	107
263	Dynamics of Bacteria and Phytoplankton in the Surface Ocean. , 2019, , 546-552.		1
264	Summer phyto- and bacterioplankton communities during low and high productivity scenarios in the Western Antarctic Peninsula. Polar Biology, 2019, 42, 159-169.	0.5	23
265	Predator-induced changes in dissolved organic carbon dynamics. Oikos, 2019, 128, 430-440.	1.2	13
266	Prokaryotic niche partitioning between suspended and sinking marine particles. Environmental Microbiology Reports, 2019, 11, 386-400.	1.0	62
267	<i>Tropicibacter alexandrii</i> sp. nov., a novel marine bacterium isolated from the phycosphere of a dinoflagellate, <i>Alexandrium minutum</i> . Antonie Van Leeuwenhoek, 2020, 113, 311-320.	0.7	5
268	Description of <i>Palleronia rufa</i> sp. nov., a biofilm-forming and AHL-producing Rhodobacteraceae, reclassification of <i>Hwanghaeicola aestuarii</i> as <i>Palleronia aestuarii</i> comb. nov., <i>Maribius pontilimi</i> as <i>Palleronia pontilimi</i> comb. nov., <i>Maribius salinus</i> as <i>Palleronia salina</i> comb. nov., <i>Maribius pelagius</i> as <i>Palleronia pelagia</i> comb. nov. and emended description of the genus <i>Palleronia</i> . Systematic and Applied Microbiology, 2020, 43, 126018.	1.2	29
269	Nutritive effect of dust on microbial biodiversity and productivity of the Arabian Gulf. Aquatic Ecosystem Health and Management, 2020, 23, 122-135.	0.3	11
270	Olivine dissolution and hydrous Mg carbonate and silicate precipitation in the presence of microbial consortium of photo-autotrophic and heterotrophic bacteria. Geochimica Et Cosmochimica Acta, 2020, 268, 123-141.	1.6	13
271	Metaproteomics reveal that rapid perturbations in organic matter prioritize functional restructuring over taxonomy in western Arctic Ocean microbiomes. ISME Journal, 2020, 14, 39-52.	4.4	21

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272	Light and carbon sources addition alter microbial community in biofloc-based <i>Litopenaeus vannamei</i> culture systems. <i>Aquaculture</i> , 2020, 515, 734572.	1.7	28
273	Space-time chlorophyll-a retrieval in optically complex waters that accounts for remote sensing and modeling uncertainties and improves remote estimation accuracy. <i>Water Research</i> , 2020, 171, 115403.	5.3	54
274	Microalgal-bacterial consortia: From interspecies interactions to biotechnological applications. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 118, 109563.	8.2	210
275	<i>Pelagibacter</i> metabolism of diatom-derived volatile organic compounds imposes an energetic tax on photosynthetic carbon fixation. <i>Environmental Microbiology</i> , 2020, 22, 1720-1733.	1.8	31
276	Succession of bacterioplankton communities over complete <i>Gymnodinium</i> -diatom bloom cycles. <i>Science of the Total Environment</i> , 2020, 709, 135951.	3.9	21
277	Metabolic relationships of uncultured bacteria associated with the microalgae <i>Gambierdiscus</i> . <i>Environmental Microbiology</i> , 2020, 22, 1764-1783.	1.8	28
278	Co-occurrence patterns and assembly processes of microeukaryotic communities in an early-spring diatom bloom. <i>Science of the Total Environment</i> , 2020, 711, 134624.	3.9	29
279	Manipulating the phytoplankton community has the potential to create a stable bacterioplankton community in a shrimp rearing environment. <i>Aquaculture</i> , 2020, 520, 734789.	1.7	19
280	Effects of physical-biochemical coupling processes on the <i>Noctiluca scintillans</i> and <i>Mesodinium</i> red tides in October 2019 in the Yantai nearshore, China. <i>Marine Pollution Bulletin</i> , 2020, 160, 111609.	2.3	18
281	Diatom modulation of select bacteria through use of two unique secondary metabolites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27445-27455.	3.3	118
282	Bacteria-mediated aggregation of the marine phytoplankton <i>Thalassiosira weissflogii</i> and <i>Nannochloropsis oceanica</i> . <i>Journal of Applied Phycology</i> , 2020, 32, 3735-3748.	1.5	12
283	The effect of protocatechuic acid on the phycosphere in harmful algal bloom species <i>Scrippsiella trochoidea</i> . <i>Aquatic Toxicology</i> , 2020, 227, 105591.	1.9	6
284	The potential impact of bacterial communities exposed to crude oil and light on the growth of the harmful algal blooming species <i>Karenia brevis</i> (Dinophyceae). <i>Marine and Freshwater Research</i> , 2020, 71, 1714.	0.7	3
285	Impacts of microplastics exposure on mussel (<i>Mytilus edulis</i>) gut microbiota. <i>Science of the Total Environment</i> , 2020, 745, 141018.	3.9	56
286	Revealing changes in the microbiome of Symbiodiniaceae under thermal stress. <i>Environmental Microbiology</i> , 2020, 22, 1294-1309.	1.8	48
287	Phylogenetic Responses of Marine Free-Living Bacterial Community to <i>Phaeocystis globosa</i> Bloom in Beibu Gulf, China. <i>Frontiers in Microbiology</i> , 2020, 11, 1624.	1.5	14
288	Global Dam-Driven Changes to Riverine N:P:Si Ratios Delivered to the Coastal Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088288.	1.5	52
289	Vertical zonation of bacterial assemblages attributed to physical stratification during the summer relaxation of the coastal upwelling off Galicia (NW Spain). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106791.	0.9	7

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290	Distribution of Dimethylsulfoniopropionate Degradation Genes Reflects Strong Water Current Dependencies in the Sanriku Coastal Region in Japan: From Mesocosm to Field Study. <i>Frontiers in Microbiology</i> , 2020, 11, 1372.	1.5	8
291	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.	2.3	5
292	Changes in Activity and Community Composition Shape Bacterial Responses to Size-Fractionated Marine DOM. <i>Frontiers in Microbiology</i> , 2020, 11, 586148.	1.5	8
293	Experimental Analysis of Diurnal Variations in Humic-Like Fluorescent Dissolved Organic Matter in Surface Seawater. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
294	Grazing pressure-induced shift in planktonic bacterial communities with the dominance of acIII-A1 actinobacterial lineage in soda pans. <i>Scientific Reports</i> , 2020, 10, 19871.	1.6	12
295	Seasonal dynamics of prokaryotes and their associations with diatoms in the Southern Ocean as revealed by an autonomous sampler. <i>Environmental Microbiology</i> , 2020, 22, 3968-3984.	1.8	41
296	Associated Bacteria and Their Effects on Growth and Toxigenicity of the Dinoflagellate <i>Prorocentrum lima</i> Species Complex From Epibenthic Substrates Along Mexican Coasts. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	13
297	Extreme storms cause rapid but short-lived shifts in nearshore subtropical bacterial communities. <i>Environmental Microbiology</i> , 2020, 22, 4571-4588.	1.8	11
298	Seasonal Variation of Bacterial Diversity Along the Marine Particulate Matter Continuum. <i>Frontiers in Microbiology</i> , 2020, 11, 1590.	1.5	42
299	Assessing Viral Abundance and Community Composition in Four Contrasting Regions of the Southern Ocean. <i>Life</i> , 2020, 10, 107.	1.1	10
300	Seasonal Niche Partitioning of Surface Temperate Open Ocean Prokaryotic Communities. <i>Frontiers in Microbiology</i> , 2020, 11, 1749.	1.5	14
301	Synthetic microbial communities of heterotrophs and phototrophs facilitate sustainable growth. <i>Nature Communications</i> , 2020, 11, 3803.	5.8	55
302	Rapid microbial diversification of dissolved organic matter in oceanic surface waters leads to carbon sequestration. <i>Scientific Reports</i> , 2020, 10, 13025.	1.6	32
303	Microbial communities of soda lakes and pans in the Carpathian Basin: a review. <i>Biologia Futura</i> , 2020, 71, 393-404.	0.6	18
304	Stable Isotope Probing Identifies Bacterioplankton Lineages Capable of Utilizing Dissolved Organic Matter Across a Range of Bioavailability. <i>Frontiers in Microbiology</i> , 2020, 11, 580397.	1.5	10
305	Evidence of Interdomain Ammonium Cross-Feeding From Methylamine- and Glycine Betaine-Degrading Rhodobacteraceae to Diatoms as a Widespread Interaction in the Marine Phycosphere. <i>Frontiers in Microbiology</i> , 2020, 11, 533894.	1.5	21
306	The cell organization underlying structural colour is involved in <i>Flavobacterium</i> IR1 predation. <i>ISME Journal</i> , 2020, 14, 2890-2900.	4.4	13
307	Use of organic exudates from two polar diatoms by bacterial isolates from the Arctic Ocean. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190356.	1.6	8

#	ARTICLE	IF	CITATIONS
308	Genome characteristics of <i>Kordia antarctica</i> IMCC3317T and comparative genome analysis of the genus <i>Kordia</i> . <i>Scientific Reports</i> , 2020, 10, 14715.	1.6	7
309	Quorum sensing regulates "swim" "stick"™ lifestyle in the phycosphere. <i>Environmental Microbiology</i> , 2020, 22, 4761-4778.	1.8	43
310	Molecular Basis for Substrate Recognition and Catalysis by a Marine Bacterial Laminarinase. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	9
311	Comparison of bacterial communities associated with <i>Proocentrum donghaiense</i> and <i>Karenia mikimotoi</i> strains from Chinese coastal waters. <i>Marine and Freshwater Research</i> , 2020, 71, 1662.	0.7	7
312	Reducing the arbitrary: fuzzy detection of microbial ecotones and ecosystems " focus on the pelagic environment. <i>Environmental Microbiomes</i> , 2020, 15, 16.	2.2	4
313	Cryptic speciation of a pelagic <i>Roseobacter</i> population varying at a few thousand nucleotide sites. <i>ISME Journal</i> , 2020, 14, 3106-3119.	4.4	11
314	Covariation patterns of phytoplankton and bacterioplankton in hypertrophic shallow lakes. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	5
315	Lipidomic Analysis of <i>Roseobacters</i> of the Pelagic RCA Cluster and Their Response to Phosphorus Limitation. <i>Frontiers in Microbiology</i> , 2020, 11, 552135.	1.5	7
316	Physiological and Molecular Responses to Main Environmental Stressors of Microalgae and Bacteria in Polar Marine Environments. <i>Microorganisms</i> , 2020, 8, 1957.	1.6	18
317	Hydrocarbon-Degrading Bacteria Found Tightly Associated with the 50-70 µm Cell-Size Population of Eukaryotic Phytoplankton in Surface Waters of a Northeast Atlantic Region. <i>Microorganisms</i> , 2020, 8, 1955.	1.6	10
318	Homogeneous selection shapes free-living and particle-associated bacterial communities in subtropical coastal waters. <i>Diversity and Distributions</i> , 2021, 27, 1904-1917.	1.9	17
319	Dysbiosis in marine aquaculture revealed through microbiome analysis: reverse ecology for environmental sustainability. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	10
320	Genotype and host microbiome alter competitive interactions between <i>Microcystis aeruginosa</i> and <i>Chlorella sorokiniana</i> . <i>Harmful Algae</i> , 2020, 99, 101939.	2.2	19
321	Marine Microbial Community Composition During the Upwelling Season in the Southern Benguela. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	8
322	Linking Spatial and Temporal Dynamic of Bacterioplankton Communities With Ecological Strategies Across a Coastal Frontal Area. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	7
323	Response of the bacterioplankton composition to inorganic nutrient loading and phytoplankton in southern Korean coastal waters: A mesocosm study. <i>Marine Ecology</i> , 2020, 41, 1-14.	0.4	13
324	Spatial Distribution Patterns of Bacterioplankton in the Oxygen Minimum Zone of the Tropical Mexican Pacific. <i>Microbial Ecology</i> , 2020, 80, 519-536.	1.4	30
325	Bacterioplankton assembly and interspecies interactions follow trajectories of <i>Gymnodinium</i> diatom bloom. <i>Marine Environmental Research</i> , 2020, 160, 105010.	1.1	4

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326	Changes in biofilm bacterial communities in response to combined effects of hypoxia, ocean acidification and nutrients from aquaculture activity in Three Fathoms Cove. <i>Marine Pollution Bulletin</i> , 2020, 156, 111256.	2.3	15
327	Genome-enabled phylogenetic and functional reconstruction of an araphid pennate diatom <i>Plagiosiriata</i> sp. CCMP470, previously assigned as a radial centric diatom, and its bacterial commensal. <i>Scientific Reports</i> , 2020, 10, 9449.	1.6	25
328	Prokaryotic Response to Phytodetritus-Derived Organic Material in Epi- and Mesopelagic Antarctic Waters. <i>Frontiers in Microbiology</i> , 2020, 11, 1242.	1.5	7
329	Long-term monitoring emphasizes impacts of the dredging on dissolved Cu and Pb contamination along with ultraplankton distribution and structure in Toulon Bay (NW Mediterranean Sea, France). <i>Marine Pollution Bulletin</i> , 2020, 156, 111196.	2.3	21
330	Imaging mass spectrometry of interspecies metabolic exchange revealed the allelopathic interaction between <i>Microcystis aeruginosa</i> and its antagonist. <i>Chemosphere</i> , 2020, 259, 127430.	4.2	12
331	Airborne bacteria confirm the pristine nature of the Southern Ocean boundary layer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13275-13282.	3.3	48
332	Potential effects of bacterial communities on the formation of blooms of the harmful dinoflagellate <i>Prorocentrum</i> after the 2014 Texas City oil spill (USA). <i>Harmful Algae</i> , 2020, 95, 101802.	2.2	9
333	Modelling Free-Living and Particle-Associated Bacterial Assemblages across the Deep and Hypoxic Lower St. Lawrence Estuary. <i>MSphere</i> , 2020, 5, .	1.3	2
334	A Multifunctional Polysaccharide Utilization Gene Cluster in <i>Colwellia echini</i> Encodes Enzymes for the Complete Degradation of β -Carrageenan, γ -Carrageenan, and Hybrid β / γ -Carrageenan. <i>MSphere</i> , 2020, 5, .	1.3	18
335	Prokaryotic communities vary with floc size in a biofloc-technology based aquaculture system. <i>Aquaculture</i> , 2020, 529, 735632.	1.7	28
336	Transcriptomic Study of Substrate-Specific Transport Mechanisms for Iron and Carbon in the Marine Copiotroph <i>Alteromonas macleodii</i> . <i>MSystems</i> , 2020, 5, .	1.7	19
337	Disentangling the drivers of <i>Microcystis</i> decomposition: Metabolic profile and co-occurrence of bacterial community. <i>Science of the Total Environment</i> , 2020, 739, 140062.	3.9	23
338	Depth-Differentiation and Seasonality of Planktonic Microbial Assemblages in the Monterey Bay Upwelling System. <i>Frontiers in Microbiology</i> , 2020, 11, 1075.	1.5	29
339	The Influence of Dissolved Organic Carbon on the Microbial Community Associated with <i>Tetraselmis striata</i> for Bio-Diesel Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3601.	1.3	3
340	Niche Differentiation of Host-Associated Pelagic Microbes and Their Potential Contribution to Biogeochemical Cycling in Artificially Warmed Lakes. <i>Frontiers in Microbiology</i> , 2020, 11, 582.	1.5	15
341	DNA stable isotope probing reveals potential key players for microbial decomposition and degradation of diatom-derived marine particulate matter. <i>MicrobiologyOpen</i> , 2020, 9, e1013.	1.2	7
342	Unique microbial module regulates the harmful algal bloom (<i>Cochlodinium polykrikoides</i>) and shifts the microbial community along the Southern Coast of Korea. <i>Science of the Total Environment</i> , 2020, 721, 137725.	3.9	25
343	Short-term changes in polysaccharide utilization mechanisms of marine bacterioplankton during a spring phytoplankton bloom. <i>Environmental Microbiology</i> , 2020, 22, 1884-1900.	1.8	34

#	ARTICLE	IF	CITATIONS
344	Niche-based assembly of bacterial consortia on the diatom <i>Thalassiosira rotula</i> is stable and reproducible. <i>ISME Journal</i> , 2020, 14, 1614-1625.	4.4	59
345	The Complexity of the Holobiont in the Red Sea Coral <i>Euphyllia paradivisa</i> under Heat Stress. <i>Microorganisms</i> , 2020, 8, 372.	1.6	6
346	Distinct Assembly Mechanisms Underlie Similar Biogeographic Patterns of Rare and Abundant Bacterioplankton in Cascade Reservoirs of a Large River. <i>Frontiers in Microbiology</i> , 2020, 11, 158.	1.5	37
347	Distinctive Growth and Transcriptional Changes of the Diatom <i>Seminavis robusta</i> in Response to Quorum Sensing Related Compounds. <i>Frontiers in Microbiology</i> , 2020, 11, 1240.	1.5	21
348	Differential Responses of a Coastal Prokaryotic Community to Phytoplanktonic Organic Matter Derived from Cellular Components and Exudates. <i>Microbes and Environments</i> , 2020, 35, n/a.	0.7	7
349	Temporal heterogeneity of microbial communities and metabolic activities during a natural algal bloom. <i>Water Research</i> , 2020, 183, 116020.	5.3	36
350	Year-long assessment of a pilot-scale thin-layer reactor for microalgae wastewater treatment. Variation in the microalgae-bacteria consortium and the impact of environmental conditions. <i>Algal Research</i> , 2020, 50, 101983.	2.4	43
351	Regulation of alginate catabolism involves a GntR family repressor in the marine flavobacterium <i>Zobellia galactanivorans</i> DsijT. <i>Nucleic Acids Research</i> , 2020, 48, 7786-7800.	6.5	18
352	Core microbiomes: Characterization and identification. , 2020, , 43-84.		0
353	Comparative transcriptomics reveals colony formation mechanism of a harmful algal bloom species <i>Phaeocystis globosa</i> . <i>Science of the Total Environment</i> , 2020, 719, 137454.	3.9	26
354	Feasibility of microbially induced carbonate precipitation through a <i>Chlorella-Sporosarcina</i> co-culture system. <i>Algal Research</i> , 2020, 47, 101831.	2.4	15
355	Warming the phycosphere: Differential effect of temperature on the use of diatom-derived carbon by two copiotrophic bacterial taxa. <i>Environmental Microbiology</i> , 2020, 22, 1381-1396.	1.8	12
356	Phenotypic variation in spatially structured microbial communities: ecological origins and consequences. <i>Current Opinion in Biotechnology</i> , 2020, 62, 220-227.	3.3	8
357	Analysis of interdomain taxonomic patterns in urban street mats. <i>Environmental Microbiology</i> , 2020, 22, 1280-1293.	1.8	4
358	Functional profiles of phycospheric microorganisms during a marine dinoflagellate bloom. <i>Water Research</i> , 2020, 173, 115554.	5.3	26
359	River dam impacts on biogeochemical cycling. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 103-116.	12.2	372
360	Generating Controlled, Dynamic Chemical Landscapes to Study Microbial Behavior. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	2
361	Do spatial differences account for the variation in abundance of human pathogenic bacteria in waters and fishes of the monsoonal estuary?. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 240, 106786.	0.9	2

#	ARTICLE	IF	CITATIONS
362	Long-term performance and microbial distribution of a field-scale storing multi-pond constructed wetland with <i>Ottelia acuminata</i> for the treatment of non-point source pollution. <i>Journal of Cleaner Production</i> , 2020, 262, 121367.	4.6	15
363	Genetically similar temperate phages form coalitions with their shared host that lead to niche-specific fitness effects. <i>ISME Journal</i> , 2020, 14, 1688-1700.	4.4	18
364	Ecological drivers of bacterial community assembly in synthetic phycospheres. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3656-3662.	3.3	82
365	Effect and mechanism of the algicidal bacterium <i>Sulfobacter porphyrae</i> ZFX1 on the mitigation of harmful algal blooms caused by <i>Prorocentrum donghaiense</i> . <i>Environmental Pollution</i> , 2020, 263, 114475.	3.7	35
366	Distinct successional patterns and processes of free-living and particle-attached bacterial communities throughout a phytoplankton bloom. <i>Freshwater Biology</i> , 2020, 65, 1363-1375.	1.2	17
367	Impacts of copper and lead exposure on prokaryotic communities from contaminated contrasted coastal seawaters: the influence of previous metal exposure. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	9
368	Metagenomic and Metaproteomic Insights into Photoautotrophic and Heterotrophic Interactions in a <i>Synechococcus</i> Culture. <i>MBio</i> , 2020, 11, .	1.8	45
369	Production of the Copepod <i>Pseudodiaptomus forbesi</i> Is Not Enhanced by Ingestion of the Diatom <i>Aulacoseira granulata</i> During a Bloom. <i>Estuaries and Coasts</i> , 2021, 44, 1083-1099.	1.0	5
370	Efficiency of benthic diatom-associated bacteria in the removal of benzo(a)pyrene and fluoranthene. <i>Science of the Total Environment</i> , 2021, 751, 141399.	3.9	40
371	Bacterioplankton dynamics driven by interannual and spatial variation in diatom and dinoflagellate spring bloom communities in the Baltic Sea. <i>Limnology and Oceanography</i> , 2021, 66, 255-271.	1.6	13
372	The microbial community, its biochemical potential, and the antimicrobial resistance of <i>Enterococcus</i> spp. in Arctic lakes under natural and anthropogenic impact (West Spitsbergen). <i>Science of the Total Environment</i> , 2021, 763, 142998.	3.9	6
373	Resource partitioning of phytoplankton metabolites that support bacterial heterotrophy. <i>ISME Journal</i> , 2021, 15, 762-773.	4.4	77
374	Survey of Bacterial Phylogenetic Diversity During the Glacier Melting Season in an Arctic Fjord. <i>Microbial Ecology</i> , 2021, 81, 579-591.	1.4	9
375	Diversity and biomass dynamics of unicellular marine fungi during a spring phytoplankton bloom. <i>Environmental Microbiology</i> , 2021, 23, 448-463.	1.8	22
376	Resident rhizosphere microbiome's ecological dynamics and conservation: Towards achieving the envisioned Sustainable Development Goals, a review. <i>International Soil and Water Conservation Research</i> , 2021, 9, 127-142.	3.0	21
377	Insights into <i>Symbiodiniaceae</i> phycosphere in a coral holobiont. <i>Symbiosis</i> , 2021, 83, 25-39.	1.2	15
378	Assessing the Temporal Variability and Drivers of Transparent Exopolymer Particle Concentrations and Production Rates in a Subtropical Estuary. <i>Estuaries and Coasts</i> , 2021, 44, 1010-1019.	1.0	1
379	Dynamic Change of Sedimental Microbial Community During Black Bloom in an In Situ Enclosure Simulation Study. <i>Microbial Ecology</i> , 2021, 81, 304-313.	1.4	8

#	ARTICLE	IF	CITATIONS
380	Niche dimensions of a marine bacterium are identified using invasion studies in coastal seawater. <i>Nature Microbiology</i> , 2021, 6, 524-532.	5.9	18
381	Evidence That Microorganisms at the Animal-Water Interface Drive Sea Star Wasting Disease. <i>Frontiers in Microbiology</i> , 2020, 11, 610009.	1.5	36
382	Microbial dynamics of elevated carbon flux in the open ocean's abyss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	65
383	Environmental influences shaping microbial communities in low oxygen, highly stratified marine embayment. <i>Aquatic Microbial Ecology</i> , 0, , .	0.9	6
384	Unraveling the distribution patterns of bacterioplankton in a mesoscale cyclonic eddy confined to an oxygen-depleted basin. <i>Aquatic Microbial Ecology</i> , 2021, 87, 151-166.	0.9	7
385	Microbial diversity of co-occurring heterotrophs in cultures of marine picocyanobacteria. <i>Environmental Microbiomes</i> , 2021, 16, 1.	2.2	28
386	Intraspecific variation in multiple trait responses of <i>Alexandrium ostenfeldii</i> towards elevated pCO ₂ . <i>Harmful Algae</i> , 2021, 101, 101970.	2.2	5
388	Changes in Free-Living and Particle-Associated Bacterial Communities Depending on the Growth Phases of Marine Green Algae, <i>Tetraselmis suecica</i> . <i>Journal of Marine Science and Engineering</i> , 2021, 9, 171.	1.2	3
389	Seasonality of the Microbial Community Composition in the North Atlantic. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	32
390	The Genomic Capabilities of Microbial Communities Track Seasonal Variation in Environmental Conditions of Arctic Lagoons. <i>Frontiers in Microbiology</i> , 2021, 12, 601901.	1.5	2
391	Spatiotemporal dynamics of marine microbial communities following a <i>Phaeocystis</i> bloom: biogeography and co-occurrence patterns. <i>Environmental Microbiology Reports</i> , 2021, 13, 294-308.	1.0	7
392	Comparison of Two 16S rRNA Primers (V3-V4 and V4-V5) for Studies of Arctic Microbial Communities. <i>Frontiers in Microbiology</i> , 2021, 12, 637526.	1.5	77
393	Atmospheric and Oceanographic Forcing Impact Particle Flux Composition and Carbon Sequestration in the Eastern Mediterranean Sea: A Three-Year Time-Series Study in the Deep Ierapetra Basin. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
394	Freshwater zooplankton microbiome composition is highly flexible and strongly influenced by the environment. <i>Molecular Ecology</i> , 2021, 30, 1545-1558.	2.0	40
395	Changing expression patterns of TonB-dependent transporters suggest shifts in polysaccharide consumption over the course of a spring phytoplankton bloom. <i>ISME Journal</i> , 2021, 15, 2336-2350.	4.4	42
397	Impacts of <i>Microcystis</i> on the Dissemination of the Antibiotic Resistome in Cyanobacterial Blooms. <i>ACS ES&T Water</i> , 2021, 1, 1263-1273.	2.3	5
398	Bacterial Community Composition and Chromophoric Dissolved Organic Matter Differs with Culture Time of <i>Skeletonema dohrnii</i> . <i>Diversity</i> , 2021, 13, 150.	0.7	4
399	Harmful algal blooms as a sink for inorganic nutrients in a eutrophic estuary. <i>Marine Ecology - Progress Series</i> , 2021, 663, 63-76.	0.9	15

#	ARTICLE	IF	CITATIONS
400	The Influence of Bacteria on the Growth, Lipid Production, and Extracellular Metabolite Accumulation by <i>Phaeodactylum tricornutum</i> (Bacillariophyceae). <i>Journal of Phycology</i> , 2021, 57, 931-940.	1.0	20
401	Opportunistic bacteria with reduced genomes are effective competitors for organic nitrogen compounds in coastal dinoflagellate blooms. <i>Microbiome</i> , 2021, 9, 71.	4.9	27
402	Signs of biofilm formation in the genome of <i>Labrenzia</i> sp. PO1. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1900-1912.	1.8	9
403	Dynamic bacterial community response to <i>Akashiwo sanguinea</i> (Dinophyceae) bloom in indoor marine microcosms. <i>Scientific Reports</i> , 2021, 11, 6983.	1.6	14
405	Characterization of the first cultured free-living representative of <i>Candidatus</i> <i>Izemoplasma</i> uncovers its unique biology. <i>ISME Journal</i> , 2021, 15, 2676-2691.	4.4	32
406	Investigating the microbial ecology of coastal hotspots of marine nitrogen fixation in the western North Atlantic. <i>Scientific Reports</i> , 2021, 11, 5508.	1.6	4
407	A Novel Ca ²⁺ Signaling Pathway Coordinates Environmental Phosphorus Sensing and Nitrogen Metabolism in Marine Diatoms. <i>Current Biology</i> , 2021, 31, 978-989.e4.	1.8	24
408	Temporal variability of free-living microbial culturability and community composition after an <i>Akashiwo sanguinea</i> bloom in Shenzhen, China. <i>Ecotoxicology</i> , 2021, 30, 975-985.	1.1	3
409	Warming exacerbates the impact of nutrient enrichment on microbial functional potentials important to the nutrient cycling in shallow lake mesocosms. <i>Limnology and Oceanography</i> , 2021, 66, 2481-2495.	1.6	6
410	The importance of jellyfish-microbe interactions for biogeochemical cycles in the ocean. <i>Limnology and Oceanography</i> , 2021, 66, 2011-2032.	1.6	20
411	On the impact of wastewater effluent on phytoplankton in the Arctic coastal zone: A case study in the Kitikmeot Sea of the Canadian Arctic. <i>Science of the Total Environment</i> , 2021, 764, 143861.	3.9	15
413	Temperature Responses of Heterotrophic Bacteria in Co-culture With a Red Sea <i>Synechococcus</i> Strain. <i>Frontiers in Microbiology</i> , 2021, 12, 612732.	1.5	3
414	Recurrent microbial community types driven by nearshore and seasonal processes in coastal Southern California. <i>Environmental Microbiology</i> , 2021, 23, 3225-3239.	1.8	9
415	Microbial iron and carbon metabolism as revealed by taxonomy-specific functional diversity in the Southern Ocean. <i>ISME Journal</i> , 2021, 15, 2933-2946.	4.4	9
416	Bacterial community dynamics during a harmful algal bloom of <i>Heterosigma akashiwo</i> . <i>Aquatic Microbial Ecology</i> , 2021, 86, 153-167.	0.9	13
417	Submesoscale physicochemical dynamics directly shape bacterioplankton community structure in space and time. <i>Limnology and Oceanography</i> , 2021, 66, 2901-2913.	1.6	12
418	Combining SIMS and mechanistic modelling to reveal nutrient kinetics in an algal-bacterial mutualism. <i>PLoS ONE</i> , 2021, 16, e0251643.	1.1	5
419	Local environment shapes adaptation of <i>Phaeocystis antarctica</i> to salinity perturbations: Evidence for physiological resilience. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 538, 151527.	0.7	1

#	ARTICLE	IF	CITATIONS
420	Spatial Distribution of Arctic Bacterioplankton Abundance Is Linked to Distinct Water Masses and Summertime Phytoplankton Bloom Dynamics (Fram Strait, 79°N). <i>Frontiers in Microbiology</i> , 2021, 12, 658803.	1.5	16
423	Bacterial Quorum-Sensing Signal Arrests Phytoplankton Cell Division and Impacts Virus-Induced Mortality. <i>MSphere</i> , 2021, 6, .	1.3	16
424	Particle-associated and free-living bacterial communities in an oligotrophic sea are affected by different environmental factors. <i>Environmental Microbiology</i> , 2021, 23, 4295-4308.	1.8	35
425	Niche partitioning of bacterial communities along the stratified water column in the Black Sea. <i>MicrobiologyOpen</i> , 2021, 10, e1195.	1.2	7
426	The effect of chemical structure on hydrolysis pathways of small peptides in coastal seawater. <i>Marine Chemistry</i> , 2021, 233, 103973.	0.9	1
427	Characterizing the "fungal shunt": Parasitic fungi on diatoms affect carbon flow and bacterial communities in aquatic microbial food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
428	<i>Maribellus comscasis</i> sp. nov., a novel deep-sea Bacteroidetes bacterium, possessing a prominent capability of degrading cellulose. <i>Environmental Microbiology</i> , 2021, 23, 4561-4575.	1.8	14
430	²¹⁰ Po- ²¹⁰ Pb distribution and carbon export in the northern Gulf of Mexico continental slope. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 172, 103535.	0.6	4
431	Quality of phytoplankton deposition structures bacterial communities at the water-sediment interface. <i>Molecular Ecology</i> , 2021, 30, 3515-3529.	2.0	6
432	Sampling Constraints and Variability in the Analysis of Bacterial Community Structures in the Sea Surface Microlayer. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
433	Development of a time-series shotgun metagenomics database for monitoring microbial communities at the Pacific coast of Japan. <i>Scientific Reports</i> , 2021, 11, 12222.	1.6	6
434	The Seasonal Flux and Fate of Dissolved Organic Carbon Through Bacterioplankton in the Western North Atlantic. <i>Frontiers in Microbiology</i> , 2021, 12, 669883.	1.5	14
435	Seasonal Prokaryotic Community Linkages Between Surface and Deep Ocean Water. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
436	Airborne bacteria and particulate chemistry capture Phytoplankton bloom dynamics in an Arctic fjord. <i>Atmospheric Environment</i> , 2021, 256, 118458.	1.9	11
437	Dynamics in Bacterial Community Affected by Mesoscale Eddies in the Northern Slope of the South China Sea. <i>Microbial Ecology</i> , 2022, 83, 823-836.	1.4	6
438	Influence of Estuarine Water on the Microbial Community Structure of Patagonian Fjords. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
440	Short-term response of pelagic planktonic communities after inoculation with the mass cultured dinoflagellate <i>Alexandrium</i> affine in a large-scale mesocosm experiment. <i>Journal of Applied Phycology</i> , 2021, 33, 3123-3137.	1.5	3
441	A new family of globally distributed lytic roseophages with unusual deoxythymidine to deoxyuridine substitution. <i>Current Biology</i> , 2021, 31, 3199-3206.e4.	1.8	13

#	ARTICLE	IF	CITATIONS
442	Cross-Shore and Depth Zonations in Bacterial Diversity Are Linked to Age and Source of Dissolved Organic Matter across the Intertidal Area of a Sandy Beach. <i>Microorganisms</i> , 2021, 9, 1720.	1.6	4
443	Long-Term Survival of <i>Synechococcus</i> and Heterotrophic Bacteria without External Nutrient Supply after Changes in Their Relationship from Antagonism to Mutualism. <i>MBio</i> , 2021, 12, e0161421.	1.8	25
444	Temporal and Spatial Signaling Mediating the Balance of the Plankton Microbiome. <i>Annual Review of Marine Science</i> , 2022, 14, 239-260.	5.1	7
445	A review on green technologies for the rejuvenation of polluted surface water bodies: Field-scale feasibility, challenges, and future perspectives. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105763.	3.3	23
446	Features of the Opportunistic Behaviour of the Marine Bacterium <i>Marinobacter algicola</i> in the Microalga <i>Ostreococcus tauri</i> Phycosphere. <i>Microorganisms</i> , 2021, 9, 1777.	1.6	6
447	Tight Adherence (Tad) Pilus Genes Indicate Putative Niche Differentiation in Phytoplankton Bloom Associated Rhodobacterales. <i>Frontiers in Microbiology</i> , 2021, 12, 718297.	1.5	16
448	Photoactive siderophores: Structure, function and biology. <i>Journal of Inorganic Biochemistry</i> , 2021, 221, 111457.	1.5	12
449	North Sea spring bloom-associated Gammaproteobacteria fill diverse heterotrophic niches. <i>Environmental Microbiomes</i> , 2021, 16, 15.	2.2	32
450	Characterization and Genomic Analysis of <i>Marinobacter</i> Phage ν B_MalS-PS3, Representing a New Lambda-Like Temperate Siphoviral Genus Infecting Algae-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 726074.	1.5	7
451	Seasonal and annual changes in the microbial communities of Ofunato Bay, Japan, based on metagenomics. <i>Scientific Reports</i> , 2021, 11, 17277.	1.6	4
452	Increasing Hydrostatic Pressure Impacts the Prokaryotic Diversity during <i>Emiliania huxleyi</i> Aggregates Degradation. <i>Water (Switzerland)</i> , 2021, 13, 2616.	1.2	8
453	Terrestrial input of herbicides has significant impacts on phytoplankton and bacterioplankton communities in coastal waters. <i>Limnology and Oceanography</i> , 2021, 66, 4028-4045.	1.6	23
454	Prokaryotic diversity and activity in contrasting productivity regimes in late summer in the Kerguelen region (Southern Ocean). <i>Journal of Marine Systems</i> , 2021, 221, 103561.	0.9	6
455	Draft Genome Sequence of <i>Salegentibacter</i> sp. Strain BDJ18, a Plankton-Associated Bacterium in the Northeast Atlantic Ocean. <i>Microbiology Resource Announcements</i> , 2021, 10, e0062821.	0.3	0
456	Transcriptional response of <i>Microcystis aeruginosa</i> to the recruitment promoting-benthic bacteria. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 153-162.	0.6	3
457	Composition and Seasonality of Membrane Transporters in Marine Picoplankton. <i>Frontiers in Microbiology</i> , 2021, 12, 714732.	1.5	2
458	Elucidation of the Algicidal Mechanism of the Marine Bacterium <i>Pseudoruegeria</i> sp. M32A2M Against the Harmful Alga <i>Alexandrium catenella</i> Based on Time-Course Transcriptome Analysis. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
459	Dynamic carbon flux network of a diverse marine microbial community. <i>ISME Communications</i> , 2021, 1, .	1.7	7

#	ARTICLE	IF	CITATIONS
460	Infection with intracellular parasite <i>Amoebophilidium protococcarum</i> induces shifts in associated bacterial communities in microalgae cultures. <i>Journal of Applied Phycology</i> , 2021, 33, 2863-2873.	1.5	5
461	Scaling down the microbial loop: data-driven modelling of growth interactions in a diatom-bacterium co-culture. <i>Environmental Microbiology Reports</i> , 2021, 13, 945-954.	1.0	5
462	Bacterial Composition Associated With Giant Colonies of the Harmful Algal Species <i>Phaeocystis globosa</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 737484.	1.5	8
463	Seasonal Succession and Coherence Among Bacteria and Microeukaryotes in Lake Baikal. <i>Microbial Ecology</i> , 2022, 84, 404-422.	1.4	12
464	Sinking enhances the degradation of organic particles by marine bacteria. <i>Nature Geoscience</i> , 2021, 14, 775-780.	5.4	34
465	Effects of Modified Clay on <i>Phaeocystis globosa</i> Growth and Colony Formation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10163.	1.2	5
466	Dynamic prokaryotic communities in the dark western Mediterranean Sea. <i>Scientific Reports</i> , 2021, 11, 17859.	1.6	3
467	Effects of feed ration and temperature on Chinook salmon (<i>Oncorhynchus tshawytscha</i>) microbiota in freshwater recirculating aquaculture systems. <i>Aquaculture</i> , 2021, 543, 736965.	1.7	23
468	Microalgae-based technology for antibiotics removal: From mechanisms to application of innovational hybrid systems. <i>Environment International</i> , 2021, 155, 106594.	4.8	102
469	Benthic microbial diversity trends in response to heavy metals in an oxygen-deficient eutrophic bay of the Humboldt current system offshore the Atacama Desert. <i>Environmental Pollution</i> , 2021, 286, 117281.	3.7	8
470	Strategies and advances in the pretreatment of microalgal biomass. <i>Journal of Biotechnology</i> , 2021, 341, 63-75.	1.9	24
471	Vallisnerian natans tolerance and response of microbial community in wetlands to excess nutrients loading. <i>Ecological Indicators</i> , 2021, 131, 108179.	2.6	7
472	Evaluation of the correlation of <i>Sargassum fusiforme</i> cultivation and biodiversity and network structure of marine bacteria in the coastal waters of Dongtou Island of China. <i>Aquaculture</i> , 2021, 544, 737057.	1.7	4
473	Effects of design parameters, microbial community and nitrogen removal on the field-scale multi-pond constructed wetlands. <i>Science of the Total Environment</i> , 2021, 797, 148989.	3.9	14
474	Biogeochemical thallium cycling during a mesocosm phytoplankton spring bloom: Biotic versus abiotic drivers. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 313, 257-276.	1.6	5
475	Co-occurrence of chromophytic phytoplankton and the <i>Vibrio</i> community during <i>Phaeocystis globosa</i> blooms in the Beibu Gulf. <i>Science of the Total Environment</i> , 2022, 805, 150303.	3.9	9
476	Marine Oil Snow, a Microbial Perspective. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	23
477	Complex Interactions Between Aquatic Organisms and Their Chemical Environment Elucidated from Different Perspectives. , 2020, , 279-297.		5

#	ARTICLE	IF	CITATIONS
478	Heavy Metal Mitigation with Special Reference to Bioremediation by Mixotrophic Algae-Bacterial Protocooperation. <i>Nanotechnology in the Life Sciences</i> , 2020, , 305-334.	0.4	6
479	Application of microbial network analysis to discriminate environmental heterogeneity in Fildes Peninsula, Antarctica. <i>Marine Pollution Bulletin</i> , 2020, 156, 111244.	2.3	16
480	<i>Candidatus Abditibacter</i> , a novel genus within the Cryomorphaceae, thriving in the North Sea. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126088.	1.2	21
481	<i>Silicimonas algicola</i> gen. nov., sp. nov., a member of the Roseobacter clade isolated from the cell surface of the marine diatom <i>Thalassiosira delicatula</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4580-4588.	0.8	13
482	<i>Winogradskyella aurantiaca</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3260-3265.	0.8	8
483	<i>Muricauda amphidinii</i> sp. nov., a novel marine bacterium isolated from the phycosphere of dinoflagellate <i>Amphidinium carterae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	10
495	The Organosulfur Compound Dimethylsulfoniopropionate (DMSP) Is Utilized as an Osmoprotectant by <i>Vibrio</i> Species. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	9
496	Responses in bacterial community structure to waste nutrients from aquaculture: an in situ microcosm experiment in a Chilean fjord. <i>Aquaculture Environment Interactions</i> , 2017, 9, 21-32.	0.7	26
497	Shaping of bacterial community composition and diversity by phytoplankton and salinity in the Delaware Estuary, USA. <i>Aquatic Microbial Ecology</i> , 2017, 78, 93-106.	0.9	25
498	Variable response to warming and ocean acidification by bacterial processes in different plankton communities. <i>Aquatic Microbial Ecology</i> , 2017, 79, 49-62.	0.9	10
499	Winter mixing impacts gene expression in marine microbial populations in the Gulf of Aqaba. <i>Aquatic Microbial Ecology</i> , 2017, 80, 223-242.	0.9	7
500	Shifts in phytoplankton community structure modify bacterial production, abundance and community composition. <i>Aquatic Microbial Ecology</i> , 2018, 81, 149-170.	0.9	49
501	Hydrocarbon-Degrading Bacteria <i>Alcanivorax</i> and <i>Marinobacter</i> Associated With Microalgae <i>Pavlova lutheri</i> and <i>Nannochloropsis oculata</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 572931.	1.5	35
502	Effects of Thermal Stress on the Gut Microbiome of Juvenile Milkfish (<i>Chanos chanos</i>). <i>Microorganisms</i> , 2021, 9, 5.	1.6	30
503	Elucidation of the Biosynthetic Pathway of Vitamin B Groups and Potential Secondary Metabolite Gene Clusters Via Genome Analysis of a Marine Bacterium <i>Pseudoruegeria</i> sp. M32A2M. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 505-514.	0.9	9
504	Ocean acidification reduces growth and grazing impact of Antarctic heterotrophic nanoflagellates. <i>Biogeosciences</i> , 2020, 17, 4153-4171.	1.3	3
507	Microbial communities mediating algal detritus turnover under anaerobic conditions. <i>PeerJ</i> , 2017, 5, e2803.	0.9	30
508	Characterization of bacterioplankton communities and quantification of organic carbon pools off the Galapagos Archipelago under contrasting environmental conditions. <i>PeerJ</i> , 2018, 6, e5984.	0.9	8

#	ARTICLE	IF	CITATIONS
509	Microbial and chemical dynamics of a toxic dinoflagellate bloom. PeerJ, 2020, 8, e9493.	0.9	9
510	A novel random forest approach to revealing interactions and controls on chlorophyll concentration and bacterial communities during coastal phytoplankton blooms. Scientific Reports, 2021, 11, 19944.	1.6	8
512	Metagenomic analysis provides functional insights into seasonal change of a non-cyanobacterial prokaryotic community in temperate coastal waters. PLoS ONE, 2021, 16, e0257862.	1.1	5
513	Phylogenomics of SAR116 Clade Reveals Two Subclades with Different Evolutionary Trajectories and an Important Role in the Ocean Sulfur Cycle. MSystems, 2021, 6, e0094421.	1.7	12
518	Las parroquias en los dominios monÁsticos castellanos en la Baja Edad Media y principios de la Moderna: San Zoilo de CarriÁ³n y San RomÁ;n de EntrepeÃ±as (siglos XIV-XVI). Hispania Sacra, 2017, 69, 597.	0.1	0
519	The releasing characteristics of carbon, nitrogen and phosphorus from sediment under the influence of different densities of algal detritus. Hupo Kexue/Journal of Lake Sciences, 2018, 30, 925-936.	0.3	0
521	Bacteria associated with planktonic diatoms from Lake Baikal. Acta Biologica Sibirica, 2018, 4, 89-94.	0.2	1
523	Microbial Communities Responding to Deep-Sea Hydrocarbon Spills. , 2019, , 1-17.		0
525	Phycocomes zhengii gen. nov., sp. nov., a marine bacterium of the family Rhodobacteraceae isolated from the phycosphere of Chlorella vulgaris. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 535-541.	0.8	9
529	Sea Ice Dynamics Drive Benthic Microbial Communities in McMurdo Sound, Antarctica. Frontiers in Microbiology, 2021, 12, 745915.	1.5	7
530	Does Global Warming Favor the Occurrence of Recent Blue Mussel Mortality Events in France?. , 2020, , 243-251.		0
531	Predetermined clockwork microbial worlds: Current understanding of aquatic microbial diel response from model systems to complex environments. Advances in Applied Microbiology, 2020, 113, 163-191.	1.3	2
532	Sea ice presence is linked to higher carbon export and vertical microbial connectivity in the Eurasian Arctic Ocean. Communications Biology, 2021, 4, 1255.	2.0	21
534	Red Sea Fishes That Travel Into the Deep Ocean Daily. Frontiers for Young Minds, 0, 8, .	0.8	0
538	Microbial diversity in a military impacted lagoon (Vieques, Puerto Rico) and description of "Candidatus Biekelbacterium resiliens" gen. nov., sp. nov. comprising a new bacterial family. Systematic and Applied Microbiology, 2022, 45, 126288.	1.2	1
539	Annual hypoxia causing long-term seawater acidification: Evidence from low-molecular-weight organic acids in the Changjiang Estuary and its adjacent sea area. Science of the Total Environment, 2022, 818, 151819.	3.9	2
540	Structural and Biochemical Basis of a Marine Bacterial Glycoside Hydrolase Family 2 Î²-Glycosidase with Broad Substrate Specificity. Applied and Environmental Microbiology, 2022, 88, AEM0222621.	1.4	2
542	How Microbial Food Web Interactions Shape the Arctic Ocean Bacterial Community Revealed by Size Fractionation Experiments. Microorganisms, 2021, 9, 2378.	1.6	3

#	ARTICLE	IF	CITATIONS
543	Statistical approaches in modeling of the interaction between bacteria and diatom under a dual-species co-cultivation system. <i>Journal of King Saud University - Science</i> , 2022, 34, 101743.	1.6	7
544	The Effect of Salmon Food-Derived DOM and Glacial Melting on Activity and Diversity of Free-Living Bacterioplankton in Chilean Patagonian Fjords. <i>Frontiers in Microbiology</i> , 2021, 12, 772900.	1.5	2
545	Temporal Succession of Bacterial Community Structure, Co-occurrence Patterns, and Community Assembly Process in Epiphytic Biofilms of Submerged Plants in a Plateau Lake. <i>Microbial Ecology</i> , 2023, 85, 87-99.	1.4	8
546	Size-Fractionated Microbiome Structure in Subarctic Rivers and a Coastal Plume Across DOC and Salinity Gradients. <i>Frontiers in Microbiology</i> , 2021, 12, 760282.	1.5	9
547	Abundance and microbial diversity from surface to deep water layers over the Rio Grande Rise, South Atlantic. <i>Progress in Oceanography</i> , 2022, 201, 102736.	1.5	3
548	Phycoremediation as a Strategy for the Recovery of Marsh and Wetland with Potential in Colombia. <i>Resources</i> , 2022, 11, 15.	1.6	3
549	Microalgal biofuels: Challenges, status and scope. , 2022, , 73-118.		0
551	Bacterioplankton Diversity and Distribution in Relation to Phytoplankton Community Structure in the Ross Sea Surface Waters. <i>Frontiers in Microbiology</i> , 2022, 13, 722900.	1.5	8
552	Microbiome Development of Seawater-Incubated Pre-production Plastic Pellets Reveals Distinct and Predictive Community Compositions. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	10
553	The Daily Dynamics of Algal Blooms: A Case Study in a Tributary of Three Gorges Reservoir. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
554	Metaproteomics reveals unique metabolic niches of dominant bacterial groups in response to rapid regime shifts during a mixed dinoflagellate bloom. <i>Science of the Total Environment</i> , 2022, 823, 153557.	3.9	3
557	The Sea Spray Chemistry and Particle Evolution study (SeaSCAPE): overview and experimental methods. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 290-315.	1.7	11
558	Controls on turnover of marine dissolved organic matterâ€”testing the null hypothesis of purely concentrationâ€”driven uptake: Comment on Shen and Benner, â€œMolecular properties are a primary control on the microbial utilization of dissolved organic matter in the oceanâ€. <i>Limnology and Oceanography</i> , 2022, 67, 673-679.	1.6	8
559	Quorum Sensing Regulates Bacterial Processes That Play a Major Role in Marine Biogeochemical Cycles. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	14
560	Diatom Biogeography, Temporal Dynamics, and Links to Bacterioplankton across Seven Oceanographic Time-Series Sites Spanning the Australian Continent. <i>Microorganisms</i> , 2022, 10, 338.	1.6	5
561	An ensemble approach to the structure-function problem in microbial communities. <i>IScience</i> , 2022, 25, 103761.	1.9	14
563	Insights into Algal Polysaccharides: A Review of Their Structure, Depolymerases, and Metabolic Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1749-1765.	2.4	29
564	Dynamics of actively dividing prokaryotes in the western Mediterranean Sea. <i>Scientific Reports</i> , 2022, 12, 2064.	1.6	3

#	ARTICLE	IF	CITATIONS
565	The ecological responses of bacterioplankton during a <i>Phaeocystis globosa</i> bloom in Beibu Gulf, China highlighted by integrated metagenomics and metatranscriptomics. <i>Marine Biology</i> , 2022, 169, 1.	0.7	2
566	Phytoplankton exudates provide full nutrition to a subset of accompanying heterotrophic bacteria via carbon, nitrogen and phosphorus allocation. <i>Environmental Microbiology</i> , 2022, 24, 2467-2483.	1.8	10
567	Microbiome Associated With <i>Gambierdiscus balechii</i> Cultures Under Different Toxicity Conditions. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
568	Contrasting patterns of carbon cycling and dissolved organic matter processing in two phytoplanktonâ€“bacteria communities. <i>Biogeosciences</i> , 2021, 18, 6589-6616.	1.3	5
570	Survival in a Sea of Gradients: Bacterial and Archaeal Foraging in a Heterogeneous Ocean. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2022, , 47-102.	0.2	1
571	Construction of Microalgae-Bacteria Symbiosis for the Enhanced Treatment of Biogas Slurry. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
572	Recent advancements in algaeâ€“bacteria consortia for the treatment of domestic and industrial wastewater. , 2022, , 13-50.		0
574	Bacteria Associated With <i>Phaeocystis globosa</i> and Their Influence on Colony Formation. <i>Frontiers in Microbiology</i> , 2022, 13, 826602.	1.5	2
575	Bacterial diversity in different outdoor pilot plant photobioreactor types during production of the microalga <i>Nannochloropsis</i> sp. CCAP211/78. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 2235-2248.	1.7	5
576	Annual dynamics of eukaryotic and bacterial communities revealed by 18S and 16S rRNA metabarcoding in the coastal ecosystem of Sagami Bay, Japan. <i>Metabarcoding and Metagenomics</i> , 0, 6, .	0.0	1
577	Comparison of the Intestinal Bacteria Between Black Seabass <i>Centropristis striata</i> Reared in Recirculating Aquaculture System and Net Pen. <i>Current Microbiology</i> , 2022, 79, 109.	1.0	1
578	Biogeographical and seasonal dynamics of the marine <i>Roseobacter</i> community and ecological links to DMSP-producing phytoplankton. <i>ISME Communications</i> , 2022, 2, .	1.7	6
579	On Single-Cell Enzyme Assays in Marine Microbial Ecology and Biogeochemistry. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1
580	The ecological roles of bacterial chemotaxis. <i>Nature Reviews Microbiology</i> , 2022, 20, 491-504.	13.6	77
581	Microbial Community Structure and Ecological Networks during Simulation of Diatom Sinking. <i>Microorganisms</i> , 2022, 10, 639.	1.6	4
582	Fatal affairs â€“ conjugational transfer of a dinoflagellate-killing plasmid between marine <i>Rhodobacterales</i> . <i>Microbial Genomics</i> , 2022, 8, .	1.0	3
583	Interaction and Assembly of Bacterial Communities in High-Latitude Coral Habitat Associated Seawater. <i>Microorganisms</i> , 2022, 10, 558.	1.6	2
584	Growth-stage-related shifts in diatom endometabolome composition set the stage for bacterial heterotrophy. <i>ISME Communications</i> , 2022, 2, .	1.7	6

#	ARTICLE	IF	CITATIONS
585	Bacterioplankton Assembly Along a Eutrophication Gradient Is Mainly Structured by Environmental Filtering, Including Indirect Effects of Phytoplankton Composition. <i>Microbial Ecology</i> , 2023, 85, 400-410.	1.4	1
586	Linkages Among Dissolved Organic Matter Export, Dissolved Metabolites, and Associated Microbial Community Structure Response in the Northwestern Sargasso Sea on a Seasonal Scale. <i>Frontiers in Microbiology</i> , 2022, 13, 833252.	1.5	10
587	There and back again, a journey of many pathways: conceptualising the marine organic carbon cycle. <i>Ocean Science</i> , 2022, 18, 437-454.	1.3	0
588	Assessment of Microbial Community Composition Changes in the Presence of Phytoplankton-Derived Exudates in Two Contrasting Areas from Chilean Patagonia. <i>Diversity</i> , 2022, 14, 195.	0.7	5
589	Characterization of the First Cultured Representative of <i>Candidatus</i> Thermofonsia Clade 2 within <i>Chloroflexi</i> Reveals Its Phototrophic Lifestyle. <i>MBio</i> , 2022, 13, e0028722.	1.8	8
591	Metagenome-Assembled Genomes From <i>Pyropia haitanensis</i> Microbiome Provide Insights Into the Potential Metabolic Functions to the Seaweed. <i>Frontiers in Microbiology</i> , 2022, 13, 857901.	1.5	9
592	Abundant Species Diversity and Essential Functions of Bacterial Communities Associated with Dinoflagellates as Revealed from Metabarcoding Sequencing for Laboratory-Raised Clonal Cultures. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4446.	1.2	7
593	Algicidal Bacteria: A Review of Current Knowledge and Applications to Control Harmful Algal Blooms. <i>Frontiers in Microbiology</i> , 2022, 13, 871177.	1.5	42
594	Functional role of a novel algicidal compound produced by <i>Pseudoruegeria</i> sp. M32A2M on the harmful algae <i>Alexandrium catenella</i> . <i>Chemosphere</i> , 2022, 300, 134535.	4.2	14
595	Long-Term Stability of Bacterial Associations in a Microcosm of <i>Ostreococcus tauri</i> (Chlorophyta). <i>Tj ETQq1 1 0.784314 rgBT₁Overlo</i>	1.7	1
596	Vertically Exported Phytoplankton ($20 \mu\text{m}$) and Their Correlation Network With Bacterioplankton Along a Deep-Sea Seamount. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
597	Role of rotating speed on the stability of a self-sustaining algal-bacterial photo-granules process. <i>Bioresource Technology</i> , 2022, 353, 127134.	4.8	2
598	Blooms of the harmful algae <i>Margalefidinium polykrikoides</i> and <i>Alexandrium monilatum</i> alter the York River Estuary microbiome. <i>Harmful Algae</i> , 2022, 114, 102216.	2.2	3
599	Enhanced removal of tetracycline from synthetic wastewater using an optimal ratio of co-culture of <i>Desmodesmus</i> sp. and <i>Klebsiella pneumoniae</i> . <i>Bioresource Technology</i> , 2022, 351, 127056.	4.8	12
600	Metabarcoding analysis of microbiome dynamics during a <i>Phaeocystis globosa</i> bloom in the Beibu Gulf, China. <i>Harmful Algae</i> , 2022, 114, 102217.	2.2	3
601	Core microbiome involved in nitrite removal in shrimp culture ponds. <i>Aquaculture Research</i> , 2022, 53, 1663-1675.	0.9	10
602	All-In-One: Microbial Response to Natural and Anthropogenic Forcings in a Coastal Mediterranean Ecosystem, the Syracuse Bay (Ionian Sea, Italy). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 19.	1.2	5
603	Diel investments in metabolite production and consumption in a model microbial system. <i>ISME Journal</i> , 2022, 16, 1306-1317.	4.4	13

#	ARTICLE	IF	CITATIONS
604	Strong reorganization of multi-domain microbial networks associated with primary producers sedimentation from oxic to anoxic conditions in an hypersaline lake. <i>FEMS Microbiology Ecology</i> , 2022, 97, .	1.3	3
605	Diel Protein Regulation of Marine Picoplanktonic Communities Assessed by Metaproteomics. <i>Microorganisms</i> , 2021, 9, 2621.	1.6	2
606	Role of algal-bacterial association in combined wastewater treatment and biohydrogen generation: An overview on its challenges and future. , 2022, , 509-532.		1
607	Metagenomic Approaches to Explore the Quorum Sensing-Mediated Interactions Between Algae and Bacteria in Sequence Membrane Photo-Bioreactors. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 851376.	2.0	2
608	Adaptation responses of microalgal-bacterial granular sludge to polystyrene microplastic particles in municipal wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 59965-59973.	2.7	8
609	Contrasting diversity patterns of prokaryotes and protists over time and depth at the San-Pedro Ocean Time series. <i>ISME Communications</i> , 2022, 2, .	1.7	21
610	Microbial Diversity in a North Western Mediterranean Sea Shallow Coastal Lagoon Under Contrasting Water Temperature Conditions. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
611	Cultivation and Functional Characterization of a Deep-Sea <i>Lentisphaerae</i> Representative Reveals Its Unique Physiology and Ecology. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1
612	Development of microalgae-bacteria symbiosis system for enhanced treatment of biogas slurry. <i>Bioresource Technology</i> , 2022, 354, 127187.	4.8	23
725	Time after time: detecting annual patterns in stream bacterial biofilm communities. <i>Environmental Microbiology</i> , 2022, 24, 2502-2515.	1.8	6
726	Nanomolar Responsiveness of Marine <i>Phaeobacter inhibens</i> DSM 17395 toward Carbohydrates and Amino Acids. <i>Microbial Physiology</i> , 2022, 32, 108-121.	1.1	1
727	Towards a mechanistic understanding of microalgae-bacteria interactions: integration of metabolomic analysis and computational models. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	3.9	5
728	The Diatom Microbiome: New Perspectives for Diatom-Bacteria Symbioses. , 2022, , 679-712.		4
729	Influence of nutrient supply on plankton microbiome biodiversity and distribution in a coastal upwelling region. <i>Nature Communications</i> , 2022, 13, 2448.	5.8	14
730	The detection of bacterial exometabolites in marine dissolved organic matter through ultrahigh-resolution mass spectrometry. <i>Limnology and Oceanography: Methods</i> , 2022, 20, 350-360.	1.0	5
731	The role of organic nutrients in structuring freshwater phytoplankton communities in a rapidly changing world. <i>Water Research</i> , 2022, 219, 118573.	5.3	17
732	Community structure and function of epiphytic bacteria attached to three submerged macrophytes. <i>Science of the Total Environment</i> , 2022, 835, 155546.	3.9	11
733	Dynamic patterns of quorum sensing signals in phycospheric microbes during a marine algal bloom. <i>Environmental Research</i> , 2022, 212, 113443.	3.7	13

#	ARTICLE	IF	CITATIONS
734	Characteristics of Chromophoric Dissolved Organic Matter (CDOM) Produced by Heterotrophic Bacteria Isolated from Aquaculture Systems. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 672.	1.2	1
735	Variations of microbial communities and substrate regimes in the eastern Fram Strait between summer and fall. <i>Environmental Microbiology</i> , 2022, 24, 4124-4136.	1.8	9
737	Microbial community day-to-day dynamics during a spring algal bloom event in a tributary of Three Gorges Reservoir. <i>Science of the Total Environment</i> , 2022, 839, 156183.	3.9	10
738	Characterization of a Deep-Sea Actinobacterium Strain Uncovers Its Prominent Capability of Utilizing Taurine and Polyvinyl Alcohol. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	2
739	A Novel Algicidal Bacterium and Its Effects against the Toxic Dinoflagellate <i>Karenia mikimotoi</i> (Dinophyceae). <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	6
740	Viral Community in Landfill Leachate: Occurrence, Bacterial Hosts, Mediation Antibiotic Resistance Gene Dissemination, and Function in Municipal Solid Waste Decomposition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
741	Phage Infection Benefits Marine Diatom <i>Phaeodactylum tricornutum</i> by Regulating the Associated Bacterial Community. <i>Microbial Ecology</i> , 2023, 86, 144-153.	1.4	2
742	The interaction between <i>Chlorococcum</i> sp. GD and indigenous bacteria in the process of municipal wastewater treatment. <i>Journal of Cleaner Production</i> , 2022, 362, 132472.	4.6	15
743	Identification of Volatiles of the Dinoflagellate <i>Prorocentrum cordatum</i> . <i>Marine Drugs</i> , 2022, 20, 371.	2.2	4
744	Plankton Metabolism in Coastal Waters of the Guangdong-Hong Kong-Macao Greater Bay: Regional Variance and Driving Factors. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1
745	Inhibitory Effect of Isolated Bacteria from the Phycosphere of <i>Levanderina fissa</i> on the Growth of Different Microalgae. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	0
746	Deciphering the Virus Signal Within the Marine Dissolved Organic Matter Pool. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	4
747	Biocatalytic quantification of Î±-D-glucan in marine particulate organic matter. <i>MicrobiologyOpen</i> , 2022, 11, .	1.2	1
749	Disentangling the Mechanisms Shaping the Prokaryotic Communities in a Eutrophic Bay. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	3
750	Cyanopeptides restriction and degradation co-mediate microbiota assembly during a freshwater cyanobacterial harmful algal bloom (CyanoHAB). <i>Water Research</i> , 2022, 220, 118674.	5.3	4
751	Ecological Impacts of Aged Freshwater Biofilms on Estuarine Microbial Communities Elucidated Through Microcosm Experiments: A Microbial Invasion Perspective. <i>Current Microbiology</i> , 2022, 79, .	1.0	1
752	Impact of Quorum Sensing and Tropodithietic Acid Production on the Exometabolome of <i>Phaeobacter inhibens</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
753	Scaling Up and Harvesting of Algae. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 197-227.	0.4	0

#	ARTICLE	IF	CITATIONS
754	Effects of alder- and salmon-derived nutrients on aquatic bacterial community structure and microbial community metabolism in subarctic lakes. <i>Oecologia</i> , 0, , .	0.9	0
756	<sc>HPLC</sc> and <sc>32P</sc> radiolabeling method for quantification of microbial adenylate concentrations and turnover rates in seawater. <i>Limnology and Oceanography: Methods</i> , 0, , .	1.0	0
757	Rapid bacterioplankton transcription cascades regulate organic matter utilization during phytoplankton bloom progression in a coastal upwelling system. <i>ISME Journal</i> , 2022, 16, 2360-2372.	4.4	17
758	Spatial and biological oceanographic insights into the massive fish-killing bloom of the haptophyte <i>Chrysochromulina leadbeateri</i> in northern Norway. <i>Harmful Algae</i> , 2022, 118, 102287.	2.2	16
760	Diversity of Free-Living and Particle-Attached Prokaryotes in a River-Influenced Coastal Area of the Northern Adriatic Sea. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
761	Spatial Distributions of Riverine and Marine Dissolved Organic Carbon in the Western Arctic Ocean: Results From the 2018 Korean Expedition. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	3
762	Diversity and Selection of Surface Marine Microbiomes in the Atlantic-Influenced Arctic. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	10
763	Microalgae-based removal of pollutants from wastewaters: Occurrence, toxicity and circular economy. <i>Chemosphere</i> , 2022, 306, 135576.	4.2	55
764	Novel Interactions Between Phytoplankton and Bacteria Shape Microbial Seasonal Dynamics in Coastal Ocean Waters. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	7
765	Daily dynamics of contrasting spring algal blooms in Santa Monica Bay (central Southern California) Tj ETQq1 1 0.784314 rgBT /Overlbc 1.8	1.8	4
766	Rare earth element behaviour in seawater under the influence of organic matter cycling during a phytoplankton spring bloom " A mesocosm study. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	4
767	Metabolic Phenotyping of Marine Heterotrophs on Refactored Media Reveals Diverse Metabolic Adaptations and Lifestyle Strategies. <i>MSystems</i> , 2022, 7, .	1.7	5
768	Identification and implications of a core bacterial microbiome in 19 clonal cultures laboratory-reared for months to years of the cosmopolitan dinoflagellate <i>Karlodinium veneficum</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
769	Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding. <i>Metabarcoding and Metagenomics</i> , 0, 6, .	0.0	5
770	Co-occurrence and diversity patterns of benthonic and planktonic communities in a shallow marine ecosystem. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	5
771	Shared and contrasting associations in the dynamic nano and picoplankton communities of two close but contrasting sites from the Bay of Biscay. <i>Environmental Microbiology</i> , 2022, 24, 6052-6070.	1.8	1
773	Free-living and particle-attached bacterial community composition, assembly processes and determinants across spatiotemporal scales in a macrotidal temperate estuary. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
774	Growth Substrate and Prophage Induction Collectively Influence Metabolite and Lipid Profiles in a Marine Bacterium. <i>MSystems</i> , 2022, 7, .	1.7	3

#	ARTICLE	IF	CITATIONS
776	Exploring bacterioplankton communities and their temporal dynamics in the rearing water of a biofloc-based shrimp (<i>Litopenaeus vannamei</i>) aquaculture system. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
777	Wastewater treatment and simultaneous production of algal lipids in sequencing batch reactors containing a microalgal-bacterial consortium. <i>International Biodeterioration and Biodegradation</i> , 2022, 175, 105491.	1.9	8
778	Viral community in landfill leachate: Occurrence, bacterial hosts, mediation antibiotic resistance gene dissemination, and function in municipal solid waste decomposition. <i>Science of the Total Environment</i> , 2022, 853, 158561.	3.9	10
779	Substantial microbial community shifts in response to an exceptional harmful algal bloom in coastal Southern California. <i>Elementa</i> , 2022, 10, .	1.1	3
780	Viral Community in Landfill Leachate: Occurrence, Bacterial Hosts, Mediation Antibiotic Resistance Gene Dissemination, and Function in Municipal Solid Waste Decomposition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
781	Climate warming-driven changes in the flux of dissolved organic matter and its effects on bacterial communities in the Arctic Ocean: A review. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	7
783	Estuarine microbial networks and relationships vary between environmentally distinct communities. <i>PeerJ</i> , 0, 10, e14005.	0.9	1
785	Efficient carbon and nitrogen transfer from marine diatom aggregates to colonizing bacterial groups. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
786	Inherent tendency of <i>Synechococcus</i> and heterotrophic bacteria for mutualism on long-term coexistence despite environmental interference. <i>Science Advances</i> , 2022, 8, .	4.7	8
787	Microbial dimethylsulfoniopropionate (DMSP) cycling in the ultraoligotrophic eastern Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 206, 105195.	0.6	1
788	Dynamic Diatom-Bacteria Consortia in Synthetic Plankton Communities. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	10
789	A Study on the Possibility of Early Warning for <i>Cochlodinium polykrikoides</i> Blooms, Using Molecular Methods. <i>Water (Switzerland)</i> , 2022, 14, 3115.	1.2	1
790	Specific bacterial microbiome enhances the sexual reproduction and auxospore production of the marine diatom, <i>Odontella</i> . <i>PLoS ONE</i> , 2022, 17, e0276305.	1.1	1
791	Effect of anticyclonic eddy on bacterioplankton in the Black Sea: an experimental study. <i>Aquatic Ecology</i> , 2023, 57, 1-13.	0.7	1
792	Role of Bacterial Community Composition as a Driver of the Small-Sized Phytoplankton Community Structure in a Productive Coastal System. <i>Microbial Ecology</i> , 2023, 86, 777-794.	1.4	5
793	Contrasting sea ice conditions shape microbial food webs in Hudson Bay (Canadian Arctic). <i>ISME Communications</i> , 2022, 2, .	1.7	4
794	Illuminating the dark metabolome of <i>Pseudo-nitzschia</i> microbiome associations. <i>Environmental Microbiology</i> , 2022, 24, 5408-5424.	1.8	6
795	Community Dynamics of Free-Living and Particle-Attached Bacteria over Sequential Blooms of Heterotrophic Dinoflagellate <i>Noctiluca scintillans</i> and Mixotrophic Ciliate <i>Mesodinium rubrum</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	2

#	ARTICLE	IF	CITATIONS
796	Concentrations, sources, and biological consumption of acrylate and DMSP in the tropical Pacific and coral reef ecosystem in Moorea, French Polynesia. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	4
797	Inhibitory effects of <i>Ipomoea cairica</i> extracts on the harmful algae <i>Phaeocystis globosa</i> . <i>Marine Pollution Bulletin</i> , 2022, 185, 114228.	2.3	2
798	You Exude What You Eat: How Carbon-, Nitrogen-, and Sulfur-Rich Organic Substrates Shape Microbial Community Composition and the Dissolved Organic Matter Pool. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	3
799	In vitro study of the modulatory effects of heat-killed bacterial biomass on aquaculture bacterioplankton communities. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
800	Significant Shifts in Microbial Communities Associated with Scleractinian Corals in Response to Algae Overgrowth. <i>Microorganisms</i> , 2022, 10, 2196.	1.6	3
801	Deciphering interactions between the marine dinoflagellate <i>Prorocentrum lima</i> and the fungus <i>Aspergillus pseudoglaucus</i> . <i>Environmental Microbiology</i> , 2023, 25, 250-267.	1.8	7
802	Linkages between bacterial community and extracellular enzyme activities crossing a coastal front. <i>Ecological Indicators</i> , 2022, 145, 109639.	2.6	2
803	Algicidal activity of a novel bacterium, <i>Qipengyuania</i> sp. 3-20A1M, against harmful <i>Margalefidinium polykrikoides</i> : Effects of its active compound. <i>Marine Pollution Bulletin</i> , 2023, 186, 114397.	2.3	5
804	Co-variance between free-living bacteria and <i>Cochlodinium polykrikoides</i> (Dinophyta) harmful algal blooms, South Korea. <i>Harmful Algae</i> , 2023, 122, 102371.	2.2	3
805	Metagenome-Based Exploration of Bacterial Communities Associated with Cyanobacteria Strains Isolated from Thermal Muds. <i>Microorganisms</i> , 2022, 10, 2337.	1.6	3
806	Spatial variation and metabolic diversity of microbial communities in the surface sediments of the Mariana Trench. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
807	Exploring the phycosphere of <i>Emiliana huxleyi</i> : From bloom dynamics to microbiome assembly experiments. <i>Molecular Ecology</i> , 2023, 32, 6507-6522.	2.0	6
809	Adaptive genetic traits in pelagic freshwater microbes. <i>Environmental Microbiology</i> , 2023, 25, 606-641.	1.8	12
810	Effects of phytoplankton, viral communities, and warming on free-living and particle-associated marine prokaryotic community structure. <i>Nature Communications</i> , 2022, 13, .	5.8	10
811	Effects of intrusion and retreat of deep cold waters on the causative species of red tides offshore in the South Sea of Korea. <i>Marine Biology</i> , 2023, 170, .	0.7	4
812	Structure-Function Covariation of Phycospheric Microorganisms Associated with the Typical Cross-Regional Harmful Macroalgal Bloom. <i>Applied and Environmental Microbiology</i> , 0, , .	1.4	0
813	Phycospheric bacterial community structure and function succession during the typical harmful macroalgal blooms. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
815	Origins of scaling laws in microbial dynamics. <i>Physical Review Research</i> , 2023, 5, .	1.3	2

#	ARTICLE	IF	CITATIONS
816	Microalgal Consortia for Waste Treatment and Valuable Bioproducts. <i>Energies</i> , 2023, 16, 884.	1.6	2
817	Bacterial lifestyle switch in response to algal metabolites. <i>ELife</i> , 0, 12, .	2.8	20
818	The biogeography and co-occurrence network patterns of bacteria and microeukaryotes in the estuarine and coastal waters. <i>Marine Environmental Research</i> , 2023, 184, 105873.	1.1	3
819	Diversity of the holopelagic Sargassum microbiome from the Great Atlantic Sargassum Belt to coastal stranding locations. <i>Harmful Algae</i> , 2023, 122, 102369.	2.2	9
820	Stress regulation of photosynthetic system of <i>Phaeocystis globosa</i> and their hemolytic activity. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 2164-2177.	0.6	3
821	Effects of Phycosphere Bacteria on Their Algal Host Are Host Species-Specific and Not Phylogenetically Conserved. <i>Microorganisms</i> , 2023, 11, 62.	1.6	2
822	Spatial and diel variations of the prokaryotic community in the <i>Phaeocystis globosa</i> blooms area of Beibu Gulf, China. <i>Acta Oceanologica Sinica</i> , 2022, 41, 87-97.	0.4	0
823	Spatiotemporal variations, assembly processes, and co-occurrence patterns of particle-attached and free-living bacteria in a large drinking water reservoir in China. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
825	Viral infection switches the balance between bacterial and eukaryotic recyclers of organic matter during coccolithophore blooms. <i>Nature Communications</i> , 2023, 14, .	5.8	11
827	A closer look into the microbiome of microalgal cultures. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	4
828	High-resolution phylogenetic analysis reveals long-term microbial dynamics and microdiversity in phytoplankton microbiome. <i>Journal of Eukaryotic Microbiology</i> , 2023, 70, .	0.8	2
829	Effects of ethoxyquin on metabolism and composition of active marine microbial communities. <i>Aquaculture</i> , 2023, 569, 739345.	1.7	1
830	Characterization of dissolved organic matter content, composition, and source during spring algal bloom in tributaries of the Three Gorges Reservoir. <i>Science of the Total Environment</i> , 2023, 879, 163139.	3.9	8
831	Bacterial communities and toxin profiles of <i>Ostreopsis</i> (Dinophyceae) from the Pacific island of Okinawa, Japan. <i>European Journal of Protistology</i> , 2023, 89, 125976.	0.5	0
832	Microbial community composition and metabolic potential during a succession of algal blooms from <i>Skeletonema</i> sp. to <i>Phaeocystis</i> sp.. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
834	Impacts of microplastics and the associated plastisphere on physiological, biochemical, genetic expression and gut microbiota of the filter-feeder amphioxus. <i>Environment International</i> , 2023, 172, 107750.	4.8	9
838	Prokaryotic Diversity and Dynamics during Dinoflagellate Bloom Decays in Coastal Tunisian Waters. <i>Diversity</i> , 2023, 15, 273.	0.7	1
839	Effects of warming on the structure of aquatic communities in tropical bromeliad microecosystems. <i>Ecology and Evolution</i> , 2023, 13, .	0.8	1

#	ARTICLE	IF	CITATIONS
840			
842	Fungal parasitism on diatoms alters formation and bio-physical properties of sinking aggregates. <i>Communications Biology</i> , 2023, 6, .	2.0	3
843	Transitions in nitrogen and organic matter form and concentration correspond to bacterial population dynamics in a hypoxic urban estuary. <i>Biogeochemistry</i> , 2023, 163, 219-243.	1.7	4
844	Microbial modeling in African lakes. , 2023, , 527-556.		0
845	Winners and Losers of Atlantification: The Degree of Ocean Warming Affects the Structure of Arctic Microbial Communities. <i>Genes</i> , 2023, 14, 623.	1.0	5
846	Abundance and composition of particles and their attached microbiomes along an Atlantic Meridional Transect. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	4
847	Characterization of a bloom-associated alphaproteobacterial lineage, <i>Candidatus</i> <i>Phycosocius</i> ™: insights into freshwater algal-bacterial interactions. <i>ISME Communications</i> , 2023, 3, .	1.7	1
848	Metabolic Versatility of the Family <i>Haliaceae</i> Revealed by the Genomics of Novel Cultured Isolates. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	0
849	A mutant fitness assay identifies bacterial interactions in a model ocean hot spot. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	2
850	Molecular characterization of organic matter transformation mediated by microorganisms under anoxic/hypoxic conditions. <i>Science China Earth Sciences</i> , 2023, 66, 894-909.	2.3	3
852	Effect of ocean acidification on the growth, response and hydrocarbon degradation of coccolithophore-bacterial communities exposed to crude oil. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
853	Distinct algae-bacteria interactions driven by DMSP between different microalgae and the phycosphere bacterium <i>Sulfitobacter pseudonitzschiae</i> H46. <i>Marine Ecology - Progress Series</i> , 0, , .	0.9	0
854	The Bacterial Microbiome of the Coral Skeleton Algal Symbiont <i>Ostreobium</i> Shows Preferential Associations and Signatures of Phyllosymbiosis. <i>Microbial Ecology</i> , 0, , .	1.4	3
856	The Effect of Zooplankton on the Distributions of Dimethyl Sulfide and Dimethylsulfoniopropionate in the Bohai and Yellow Seas. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	2
857	Ocean acidification alters the benthic biofilm communities in intertidal soft sediments. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
858	Ecological divergence of a mesocosm in an eastern boundary upwelling system assessed with multi-marker environmental DNA metabarcoding. <i>Biogeosciences</i> , 2023, 20, 1277-1298.	1.3	0
859	Rhizosphere microbial dynamics in response to <i>Desmodesmus</i> sp. ZM-3 and carbon footprint analysis in constructed wetland. <i>Journal of Cleaner Production</i> , 2023, 408, 137128.	4.6	3
860	Extracellular enzyme activity in the coastal upwelling system off Peru: a mesocosm experiment. <i>Biogeosciences</i> , 2023, 20, 1605-1619.	1.3	1

#	ARTICLE	IF	CITATIONS
861	Ocean acidification has a strong effect on communities living on plastic in mesocosms. <i>Limnology and Oceanography Letters</i> , 0, , .	1.6	0
910	Algal blooms in the ocean: hot spots for chemically mediated microbial interactions. <i>Nature Reviews Microbiology</i> , 2024, 22, 138-154.	13.6	1