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List of Publications by Year in descending order

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39 papers	5,000 citations	257450 24 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	4830 citing authors

#	Article	IF	Citations
1	Interaction and signalling between a cosmopolitan phytoplankton and associated bacteria. Nature, 2015, 522, 98-101.	27.8	875
2	Interactions between Diatoms and Bacteria. Microbiology and Molecular Biology Reviews, 2012, 76, 667-684.	6.6	817
3	Zooming in on the phycosphere: the ecological interface for phytoplanktonâ€“bacteria relationships. Nature Microbiology, 2017, 2, 17065.	13.3	727
4	Photolysis of ironâ€“siderophore chelates promotes bacterialâ€“algal mutualism. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17071-17076.	7.1	446
5	Cryptic carbon and sulfur cycling between surface ocean plankton. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 453-457.	7.1	348
6	Marine ammonia-oxidizing archaeal isolates display obligate mixotrophy and wide ecotypic variation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12504-12509.	7.1	323
7	Nitrosopumilus maritimus gen. nov., sp. nov., Nitrosopumilus cobalaminigenes sp. nov., Nitrosopumilus oxyclinae sp. nov., and Nitrosopumilus ureiphilus sp. nov., four marine ammonia-oxidizing archaea of the phylum Thaumarchaeota. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5067-5079.	1.7	159
8	Diatom modulation of select bacteria through use of two unique secondary metabolites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27445-27455.	7.1	118
9	Bacterial Communities of Diatoms Display Strong Conservation Across Strains and Time. Frontiers in Microbiology, 2018, 9, 659.	3.5	116
10	Recognition cascade and metabolite transfer in a marine bacteriaâ€phytoplankton model system. Environmental Microbiology, 2017, 19, 3500-3513.	3.8	111
11	Ubiquitous marine bacterium inhibits diatom cell division. ISME Journal, 2017, 11, 31-42.	9.8	98
12	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. ISME Journal, 2018, 12, 508-519.	9.8	82
13	Vibrioferrin, an Unusual Marine Siderophore: Iron Binding, Photochemistry, and Biological Implications. Inorganic Chemistry, 2009, 48, 11451-11458.	4.0	77
14	Microbial metabolites in the marine carbon cycle. Nature Microbiology, 2022, 7, 508-523.	13.3	71
15	Boron Binding by a Siderophore Isolated from Marine Bacteria Associated with the Toxic DinoflagellateGymnodiniumcatenatum. Journal of the American Chemical Society, 2007, 129, 478-479.	13.7	70
16	Copper requirements of the ammoniaâ€oxidizing archaeon Nitrosopumilus maritimus SCM1 and implications for nitrification in the marine environment. Limnology and Oceanography, 2013, 58, 2037-2045.	3.1	69
17	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. ISME Journal, 2020, 14, 2595-2609.	9.8	62
18	Boron and Marine Life: A New Look at an Enigmatic Bioelement. Marine Biotechnology, 2009, 11, 431-440.	2.4	48

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19	Quorum sensing regulates â€˜swimâ€orâ€stickâ€™ lifestyle in the phycosphere. Environmental Microbiology, 2020, 22, 4761-4778.	3.8	43
20	Borate Binding to Siderophores:Â Structure and Stability. Journal of the American Chemical Society, 2007, 129, 12263-12271.	13.7	39
21	Coral metabolite gradients affect microbial community structures and act as a disease cue. Communications Biology, 2018, 1, 184.	4.4	39
22	Ferric Stability Constants of Representative Marine Siderophores: Marinobactins, Aquachelins, and Petrobactin. Inorganic Chemistry, 2009, 48, 11466-11473.	4.0	38
23	Assessment of the potential for copper limitation of ammonia oxidation by Archaea in a dynamic estuary. Marine Chemistry, 2014, 162, 37-49.	2.3	37
24	Iron transport in the genus Marinobacter. BioMetals, 2012, 25, 135-147.	4.1	32
25	Siderophore-mediated iron uptake in two clades of Marinobacter spp. associated with phytoplankton: the role of light. BioMetals, 2012, 25, 181-192.	4.1	27
26	Detection of photoactive siderophore biosynthetic genes in the marine environment. BioMetals, 2013, 26, 507-516.	4.1	17
27	Tight Adherence (Tad) Pilus Genes Indicate Putative Niche Differentiation in Phytoplankton Bloom Associated Rhodobacterales. Frontiers in Microbiology, 2021, 12, 718297.	3.5	16
28	Accumulation of NO₂â€cobalamin in nutrientâ€stressed ammoniaâ€oxidizing archaea and in the oxygen deficient zone of the eastern tropical North Pacific. Environmental Microbiology Reports, 2018, 10, 453-457.	2.4	13
29	Ethanol/water extracts from halophyte species Arthrocnemum macrostachyum and Tetraena qatarensis. Cogent Chemistry, 2018, 4, 1536311.	2.5	12
30	Borate as a Synergistic Anion for Marinobacter algicola Ferric Binding Protein, FbpA: A Role for Boron in Iron Transport in Marine Life. Journal of the American Chemical Society, 2013, 135, 14504-14507.	13.7	10
31	Metaproteomics reveals the molecular mechanism underlying bloom maintenance of a marine dinoflagellate under low ambient CO2 and inorganic nutrients. Science of the Total Environment, 2021, 768, 144515.	8.0	10
32	A metabolomics approach to evaluate the effect of lyophilization versus oven drying on the chemical composition of plant extracts. Scientific Reports, 2021, 11, 22679.	3.3	10
33	MH-ICP-MS Analysis of the Freshwater and Saltwater Environmental Resources of Upolu Island, Samoa. Molecules, 2020, 25, 4871.	3.8	7
34	Regulation of iron transport related genes by boron in the marine bacterium Marinobacter algicola DG893. Metallomics, 2013, 5, 1025.	2.4	6
35	In vitro Î±-glucosidase inhibitory activity of Tamarix nilotica shoot extracts and fractions. PLoS ONE, 2022, 17, e0264969.	2.5	6
36	A quick method for obtaining high-quality DNA barcodes without DNA extraction in microalgae. Journal of Applied Phycology, 2020, 32, 1165-1175.	2.8	5

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37	Microbial Contamination Survey of Environmental Fresh and Saltwater Resources of Upolu Island, Samoa. Environments - MDPI, 2021, 8, 112.	3.3	5
38	The Diatom Microbiome: New Perspectives for Diatom-Bacteria Symbioses. , 2022, , 679-712.		4
39	Isolation of biologically active compounds from mangrove sediments. Analytical and Bioanalytical Chemistry, 2019, 411, 6521-6529.	3.7	3