Tracy John Mincer

List of Publications by Year in Descending Order

49 papers	8,157 citations	33 h-index	52 g-index
52 ext. papers	9,859 ext. citations	9 avg, IF	6.18 L-index

#	Paper	IF	Citations
49	Large quantities of small microplastics permeate the surface ocean to abyssal depths in the South Atlantic Gyre.. *Global Change Biology*, **2022**,	11.4	1
48	Microbial carrying capacity and carbon biomass of plastic marine debris. *ISME Journal*, **2021**, 15, 67-77	11.9	15
47	Identification of a bacteria-produced benzisoxazole with antibiotic activity against multi-drug resistant Acinetobacter baumannii. *Journal of Antibiotics*, **2021**, 74, 370-380	3.7	2
46	Biofouling impacts on polyethylene density and sinking in coastal waters: A macro/micro tipping point?. *Water Research*, **2021**, 201, 117289	12.5	16
45	Ecology of the plastisphere. *Nature Reviews Microbiology*, **2020**, 18, 139-151	22.2	248
44	Mercury speciation and retention in a salt marsh undergoing long-term fertilization. *Estuarine, Coastal and Shelf Science*, **2019**, 218, 188-196	2.9	3
43	Application of nuclear techniques to environmental plastics research. *Journal of Environmental Radioactivity*, **2018**, 192, 368-375	2.4	21
42	Inter-individual variability in copepod microbiomes reveals bacterial networks linked to host physiology. *ISME Journal*, **2018**, 12, 2103-2113	11.9	27
41	Field-Based Evidence for Microplastic in Marine Aggregates and Mussels: Implications for Trophic Transfer. *Environmental Science & Technology*, **2018**, 52, 11038-11048	10.3	102
40	The Trichodesmium consortium: conserved heterotrophic co-occurrence and genomic signatures of potential interactions. *ISME Journal*, **2017**, 11, 1813-1824	11.9	38
39	A review of microscopy and comparative molecular-based methods to characterize Plastisphere communities. *Analytical Methods*, **2017**, 9, 2132-2143	3.2	50
38	An approach for extraction, characterization and quantitation of microplastic in natural marine snow using Raman microscopy. *Analytical Methods*, **2017**, 9, 1470-1478	3.2	142
37	Biofilms on Plastic Debris and Their Influence on Marine Nutrient Cycling, Productivity, and Hazardous Chemical Mobility. *Handbook of Environmental Chemistry*, **2016**, 221-233	0.8	27
36	Biosynthesis of coral settlement cue tetrabromopyrrole in marine bacteria by a uniquely adapted brominase-thioesterase enzyme pair. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 3797-802	11.5	60
35	Evidence for Strain-Specific Exometabolomic Responses of the Coccolithophore Emiliania huxleyi to Grazing by the Dinoflagellate Oxyrrhis marina. *Frontiers in Marine Science*, **2016**, 3,	4.5	4
34	Quorum Sensing Plays a Complex Role in Regulating the Enzyme Hydrolysis Activity of Microbes Associated with Sinking Particles in the Ocean. *Frontiers in Marine Science*, **2016**, 3,	4.5	21
33	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, Emiliania huxleyi. *Frontiers in Microbiology*, **2016**, 7, 59	5.7	36

32	Methanol Production by a Broad Phylogenetic Array of Marine Phytoplankton. *PLoS ONE*, **2016**, 11, e0150820	3.7	28
31	Trichodesmium genome maintains abundant, widespread noncoding DNA in situ, despite oligotrophic lifestyle. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4251-6	11.5	31
30	The biogeography of the Plastisphere: implications for policy. *Frontiers in Ecology and the Environment*, **2015**, 13, 541-546	5.5	181
29	Enhancement of antibiotic activity against multidrug-resistant bacteria by the efflux pump inhibitor 3,4-dibromopyrrole-2,5-dione isolated from a Pseudoalteromonas sp. *Journal of Natural Products*, **2015**, 78, 402-12	4.9	40
28	Oligotyping reveals community level habitat selection within the genus Vibrio. *Frontiers in Microbiology*, **2014**, 5, 563	5.7	42
27	The Microbiome of the Red Sea Coral Stylophora pistillata Is Dominated by Tissue-Associated Endozoicomonas Bacteria. *Applied and Environmental Microbiology*, **2014**, 80, 427-427	4.8	2
26	Humpback whale populations share a core skin bacterial community: towards a health index for marine mammals?. *PLoS ONE*, **2014**, 9, e90785	3.7	75
25	Major similarities in the bacterial communities associated with lesioned and healthy Fungiidae corals. *Environmental Microbiology*, **2013**, 15, 2063-72	5.2	49
24	Life in the "plastisphere": microbial communities on plastic marine debris. *Environmental Science & Technology*, **2013**, 47, 7137-46	10.3	1232
23	The microbiome of the Red Sea coral Stylophora pistillata is dominated by tissue-associated Endozoicomonas bacteria. *Applied and Environmental Microbiology*, **2013**, 79, 4759-62	4.8	188
22	Microbial diversity and methanogenic activity of Antrim Shale formation waters from recently fractured wells. *Frontiers in Microbiology*, **2013**, 4, 367	5.7	63
21	Ecological populations of bacteria act as socially cohesive units of antibiotic production and resistance. *Science*, **2012**, 337, 1228-31	33.3	202
20	Quorum sensing control of phosphorus acquisition in Trichodesmium consortia. *ISME Journal*, **2012**, 6, 422-9	11.9	90
19	Characterization of bacterial epibionts on the cyanobacterium Trichodesmium. *Aquatic Microbial Ecology*, **2012**, 67, 1-14	1.1	53
18	Possible influence of bacterial quorum sensing on the hydrolysis of sinking particulate organic carbon in marine environments. *Environmental Microbiology Reports*, **2011**, 3, 682-8	3.7	60
17	Phytoplankton in the ocean use non-phosphorus lipids in response to phosphorus scarcity. *Nature*, **2009**, 458, 69-72	50.4	528
16	Quantitative distribution of presumptive archaeal and bacterial nitrifiers in Monterey Bay and the North Pacific Subtropical Gyre. *Environmental Microbiology*, **2007**, 9, 1162-75	5.2	396
15	Pathways of carbon assimilation and ammonia oxidation suggested by environmental genomic analyses of marine Crenarchaeota. *PLoS Biology*, **2006**, 4, e95	9.7	447

14	Community genomics among stratified microbial assemblages in the ocean's interior. *Science*, **2006**, 311, 496-503	33.3	1055
13	Proteorhodopsin lateral gene transfer between marine planktonic Bacteria and Archaea. *Nature*, **2006**, 439, 847-50	50.4	236
12	Culture-dependent and culture-independent diversity within the obligate marine actinomycete genus Salinispora. *Applied and Environmental Microbiology*, **2005**, 71, 7019-28	4.8	104
11	Culturable marine actinomycete diversity from tropical Pacific Ocean sediments. *Environmental Microbiology*, **2005**, 7, 1039-48	5.2	234
10	Marine actinomycete diversity and natural product discovery. *Antonie Van Leeuwenhoek*, **2005**, 87, 43-8	2.1	237
9	Salinispora arenicola gen. nov., sp. nov. and Salinispora tropica sp. nov., obligate marine actinomycetes belonging to the family Micromonosporaceae. *International Journal of Systematic and Evolutionary Microbiology*, **2005**, 55, 1759-1766	2.2	254
8	Phylogenetic analyses and diterpenoid production by marine bacteria of the genus Saprospira. *Current Microbiology*, **2004**, 49, 300-7	2.4	13
7	Salinosporamide A: A Highly Cytotoxic Proteasome Inhibitor from a Novel Microbial Source, a Marine Bacterium of the New Genus Salinospora. *Angewandte Chemie*, **2003**, 115, 369-371	3.6	90
6	Salinosporamide A: a highly cytotoxic proteasome inhibitor from a novel microbial source, a marine bacterium of the new genus salinospora. *Angewandte Chemie - International Edition*, **2003**, 42, 355-7	16.4	833
5	A 50-kb plasmid rich in mobile gene sequences isolated from a marine micrococcus. *Plasmid*, **2002**, 47, 1-9	3.3	6
4	Widespread and persistent populations of a major new marine actinomycete taxon in ocean sediments. *Applied and Environmental Microbiology*, **2002**, 68, 5005-11	4.8	413
3	Plasmid RK2 ParB protein: purification and nuclease properties. *Journal of Bacteriology*, **1999**, 181, 6010-8	3.5	17
2	Isolation of broad-host-range replicons from marine sediment bacteria. *Applied and Environmental Microbiology*, **1998**, 64, 2822-30	4.8	57
1	Plasmids isolated from marine sediment microbial communities contain replication and incompatibility regions unrelated to those of known plasmid groups. *Applied and Environmental Microbiology*, **1997**, 63, 888-95	4.8	78