

# Tracy John Mincer

## List of Publications by Citations

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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	Life in the "plastisphere": microbial communities on plastic marine debris. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 7137-46	10.3	1232
48	Community genomics among stratified microbial assemblages in the ocean's interior. <i>Science</i> , <b>2006</b> , 311, 496-503	33.3	1055
47	Salinosporamide A: a highly cytotoxic proteasome inhibitor from a novel microbial source, a marine bacterium of the new genus salinospira. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 355-7	16.4	833
46	Phytoplankton in the ocean use non-phosphorus lipids in response to phosphorus scarcity. <i>Nature</i> , <b>2009</b> , 458, 69-72	50.4	528
45	Pathways of carbon assimilation and ammonia oxidation suggested by environmental genomic analyses of marine Crenarchaeota. <i>PLoS Biology</i> , <b>2006</b> , 4, e95	9.7	447
44	Widespread and persistent populations of a major new marine actinomycete taxon in ocean sediments. <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 5005-11	4.8	413
43	Quantitative distribution of presumptive archaeal and bacterial nitrifiers in Monterey Bay and the North Pacific Subtropical Gyre. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 1162-75	5.2	396
42	Salinispora arenicola gen. nov., sp. nov. and Salinispora tropica sp. nov., obligate marine actinomycetes belonging to the family Micromonosporaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2005</b> , 55, 1759-1766	2.2	254
41	Ecology of the plastisphere. <i>Nature Reviews Microbiology</i> , <b>2020</b> , 18, 139-151	22.2	248
40	Marine actinomycete diversity and natural product discovery. <i>Antonie Van Leeuwenhoek</i> , <b>2005</b> , 87, 43-8	2.1	237
39	Proteorhodopsin lateral gene transfer between marine planktonic Bacteria and Archaea. <i>Nature</i> , <b>2006</b> , 439, 847-50	50.4	236
38	Culturable marine actinomycete diversity from tropical Pacific Ocean sediments. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1039-48	5.2	234
37	Ecological populations of bacteria act as socially cohesive units of antibiotic production and resistance. <i>Science</i> , <b>2012</b> , 337, 1228-31	33.3	202
36	The microbiome of the Red Sea coral <i>Stylophora pistillata</i> is dominated by tissue-associated Endozoicomonas bacteria. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 4759-62	4.8	188
35	The biogeography of the Plastisphere: implications for policy. <i>Frontiers in Ecology and the Environment</i> , <b>2015</b> , 13, 541-546	5.5	181
34	An approach for extraction, characterization and quantitation of microplastic in natural marine snow using Raman microscopy. <i>Analytical Methods</i> , <b>2017</b> , 9, 1470-1478	3.2	142
33	Culture-dependent and culture-independent diversity within the obligate marine actinomycete genus Salinispora. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 7019-28	4.8	104

32	Field-Based Evidence for Microplastic in Marine Aggregates and Mussels: Implications for Trophic Transfer. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11038-11048	10.3	102
31	Quorum sensing control of phosphorus acquisition in <i>Trichodesmium</i> consortia. <i>ISME Journal</i> , <b>2012</b> , 6, 422-9	11.9	90
30	Salinosporamide A: A Highly Cytotoxic Proteasome Inhibitor from a Novel Microbial Source, a Marine Bacterium of the New Genus <i>Salinospira</i> . <i>Angewandte Chemie</i> , <b>2003</b> , 115, 369-371	3.6	90
29	Plasmids isolated from marine sediment microbial communities contain replication and incompatibility regions unrelated to those of known plasmid groups. <i>Applied and Environmental Microbiology</i> , <b>1997</b> , 63, 888-95	4.8	78
28	Humpback whale populations share a core skin bacterial community: towards a health index for marine mammals?. <i>PLoS ONE</i> , <b>2014</b> , 9, e90785	3.7	75
27	Microbial diversity and methanogenic activity of Antrim Shale formation waters from recently fractured wells. <i>Frontiers in Microbiology</i> , <b>2013</b> , 4, 367	5.7	63
26	Biosynthesis of coral settlement cue tetrabromopyrrole in marine bacteria by a uniquely adapted brominase-thioesterase enzyme pair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3797-802	11.5	60
25	Possible influence of bacterial quorum sensing on the hydrolysis of sinking particulate organic carbon in marine environments. <i>Environmental Microbiology Reports</i> , <b>2011</b> , 3, 682-8	3.7	60
24	Isolation of broad-host-range replicons from marine sediment bacteria. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 2822-30	4.8	57
23	Characterization of bacterial epibionts on the cyanobacterium <i>Trichodesmium</i> . <i>Aquatic Microbial Ecology</i> , <b>2012</b> , 67, 1-14	1.1	53
22	A review of microscopy and comparative molecular-based methods to characterize <i>Plastisphere</i> communities. <i>Analytical Methods</i> , <b>2017</b> , 9, 2132-2143	3.2	50
21	Major similarities in the bacterial communities associated with lesioned and healthy <i>Fungiidae</i> corals. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 2063-72	5.2	49
20	Oligotyping reveals community level habitat selection within the genus <i>Vibrio</i> . <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 563	5.7	42
19	Enhancement of antibiotic activity against multidrug-resistant bacteria by the efflux pump inhibitor 3,4-dibromopyrrole-2,5-dione isolated from a <i>Pseudoalteromonas</i> sp. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 402-12	4.9	40
18	The <i>Trichodesmium</i> consortium: conserved heterotrophic co-occurrence and genomic signatures of potential interactions. <i>ISME Journal</i> , <b>2017</b> , 11, 1813-1824	11.9	38
17	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, <i>Emiliania huxleyi</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 59	5.7	36
16	<i>Trichodesmium</i> genome maintains abundant, widespread noncoding DNA in situ, despite oligotrophic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 4251-6	11.5	31
15	Methanol Production by a Broad Phylogenetic Array of Marine Phytoplankton. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159820	5.8	28

14	Biofilms on Plastic Debris and Their Influence on Marine Nutrient Cycling, Productivity, and Hazardous Chemical Mobility. <i>Handbook of Environmental Chemistry</i> , <b>2016</b> , 221-233	0.8	27
13	Inter-individual variability in copepod microbiomes reveals bacterial networks linked to host physiology. <i>ISME Journal</i> , <b>2018</b> , 12, 2103-2113	11.9	27
12	Application of nuclear techniques to environmental plastics research. <i>Journal of Environmental Radioactivity</i> , <b>2018</b> , 192, 368-375	2.4	21
11	Quorum Sensing Plays a Complex Role in Regulating the Enzyme Hydrolysis Activity of Microbes Associated with Sinking Particles in the Ocean. <i>Frontiers in Marine Science</i> , <b>2016</b> , 3,	4.5	21
10	Plasmid RK2 ParB protein: purification and nuclease properties. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 6010-35	3.5	17
9	Biofouling impacts on polyethylene density and sinking in coastal waters: A macro/micro tipping point?. <i>Water Research</i> , <b>2021</b> , 201, 117289	12.5	16
8	Microbial carrying capacity and carbon biomass of plastic marine debris. <i>ISME Journal</i> , <b>2021</b> , 15, 67-77	11.9	15
7	Phylogenetic analyses and diterpenoid production by marine bacteria of the genus <i>Saprospira</i> . <i>Current Microbiology</i> , <b>2004</b> , 49, 300-7	2.4	13
6	A 50-kb plasmid rich in mobile gene sequences isolated from a marine micrococcus. <i>Plasmid</i> , <b>2002</b> , 47, 1-9	3.3	6
5	Evidence for Strain-Specific Exometabolomic Responses of the Coccolithophore <i>Emiliana huxleyi</i> to Grazing by the Dinoflagellate <i>Oxyrrhis marina</i> . <i>Frontiers in Marine Science</i> , <b>2016</b> , 3,	4.5	4
4	Mercury speciation and retention in a salt marsh undergoing long-term fertilization. <i>Estuarine, Coastal and Shelf Science</i> , <b>2019</b> , 218, 188-196	2.9	3
3	The Microbiome of the Red Sea Coral <i>Stylophora pistillata</i> Is Dominated by Tissue-Associated Endozoicomonas Bacteria. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 427-427	4.8	2
2	Identification of a bacteria-produced benzisoxazole with antibiotic activity against multi-drug resistant <i>Acinetobacter baumannii</i> . <i>Journal of Antibiotics</i> , <b>2021</b> , 74, 370-380	3.7	2
1	Large quantities of small microplastics permeate the surface ocean to abyssal depths in the South Atlantic Gyre.. <i>Global Change Biology</i> , <b>2022</b> ,	11.4	1