

# Marcelino T Suzuki

## List of Publications by Year in descending order

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66  
papers

8,523  
citations

136740

32  
h-index

106150

65  
g-index

71  
all docs

71  
docs citations

71  
times ranked

8333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bias caused by template annealing in the amplification of mixtures of 16S rRNA genes by PCR. <i>Applied and Environmental Microbiology</i> , 1996, 62, 625-630.	1.4	1,646
2	Bacterial Rhodopsin: Evidence for a New Type of Phototrophy in the Sea. <i>Science</i> , 2000, 289, 1902-1906.	6.0	1,357
3	Quantitative Analysis of Small-Subunit rRNA Genes in Mixed Microbial Populations via 5' Nuclease Assays. <i>Applied and Environmental Microbiology</i> , 2000, 66, 4605-4614.	1.4	1,020
4	Mercury Methylation by Dissimilatory Iron-Reducing Bacteria. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7919-7921.	1.4	448
5	Unsuspected diversity among marine aerobic anoxygenic phototrophs. <i>Nature</i> , 2002, 415, 630-633.	13.7	380
6	Kinetic Bias in Estimates of Coastal Picoplankton Community Structure Obtained by Measurements of Small-Subunit rRNA Gene PCR Amplicon Length Heterogeneity. <i>Applied and Environmental Microbiology</i> , 1998, 64, 4522-4529.	1.4	337
7	Construction and analysis of bacterial artificial chromosome libraries from a marine microbial assemblage. <i>Environmental Microbiology</i> , 2000, 2, 516-529.	1.8	313
8	Bacterial diversity among small-subunit rRNA gene clones and cellular isolates from the same seawater sample. <i>Applied and Environmental Microbiology</i> , 1997, 63, 983-989.	1.4	313
9	Proteorhodopsin genes are distributed among divergent marine bacterial taxa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12830-12835.	3.3	255
10	Assessing diversity and biogeography of aerobic anoxygenic phototrophic bacteria in surface waters of the Atlantic and Pacific Oceans using the Global Ocean Sampling expedition metagenomes. <i>Environmental Microbiology</i> , 2007, 9, 1464-1475.	1.8	156
11	Phylogenetic analysis of ribosomal RNA operons from uncultivated coastal marine bacterioplankton. <i>Environmental Microbiology</i> , 2001, 3, 323-331.	1.8	152
12	Quantitative mapping of bacterioplankton populations in seawater: field tests across an upwelling plume in Monterey Bay. <i>Aquatic Microbial Ecology</i> , 2001, 24, 117-127.	0.9	117
13	Different SAR86 subgroups harbour divergent proteorhodopsins. <i>Environmental Microbiology</i> , 2004, 6, 903-910.	1.8	106
14	Diverse and Unique Picocyanobacteria in Chesapeake Bay, Revealed by 16S-23S rRNA Internal Transcribed Spacer Sequences. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2239-2243.	1.4	105
15	Phylogenetic Screening of Ribosomal RNA Gene-Containing Clones in Bacterial Artificial Chromosome (BAC) Libraries from Different Depths in Monterey Bay. <i>Microbial Ecology</i> , 2004, 48, 473-488.	1.4	101
16	Comparative community genomics in the Dead Sea: an increasingly extreme environment. <i>ISME Journal</i> , 2010, 4, 399-407.	4.4	101
17	Phylogenetic Diversity of Ultraplankton Plastid Small-Subunit rRNA Genes Recovered in Environmental Nucleic Acid Samples from the Pacific and Atlantic Coasts of the United States. <i>Applied and Environmental Microbiology</i> , 1998, 64, 294-303.	1.4	99
18	Multiple <i>Streptomyces</i> species with distinct secondary metabolomes have identical 16S rRNA gene sequences. <i>Scientific Reports</i> , 2017, 7, 11089.	1.6	96

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19	DAPI direct counting underestimates bacterial abundances and average cell size compared to AO direct counting. <i>Limnology and Oceanography</i> , 1993, 38, 1566-1570.	1.6	94
20	Seasonal dynamics of active SAR11 ecotypes in the oligotrophic Northwest Mediterranean Sea. <i>ISME Journal</i> , 2015, 9, 347-360.	4.4	93
21	Novel Primers Reveal Wider Diversity among Marine Aerobic Anoxygenic Phototrophs. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8958-8962.	1.4	80
22	High Temporal but Low Spatial Heterogeneity of Bacterioplankton in the Chesapeake Bay. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6776-6789.	1.4	73
23	Effect of protistan bacterivory on coastal bacterioplankton diversity. <i>Aquatic Microbial Ecology</i> , 1999, 20, 261-272.	0.9	70
24	Microbial community genomics in eastern Mediterranean Sea surface waters. <i>ISME Journal</i> , 2010, 4, 78-87.	4.4	66
25	A single betaproteobacterium dominates the microbial community of the crambescidine-containing sponge <i>Crambe crambe</i> . <i>Scientific Reports</i> , 2013, 3, 2583.	1.6	66
26	Littoral lichens as a novel source of potentially bioactive Actinobacteria. <i>Scientific Reports</i> , 2015, 5, 15839.	1.6	65
27	Near real-time, autonomous detection of marine bacterioplankton on a coastal mooring in Monterey Bay, California, using rRNA-targeted DNA probes. <i>Environmental Microbiology</i> , 2009, 11, 1168-1180.	1.8	63
28	Novel estuarine bacterioplankton in rRNA operon libraries from the Chesapeake Bay. <i>Aquatic Microbial Ecology</i> , 2008, 51, 55-66.	0.9	54
29	A novel clade of <i>Prochlorococcus</i> found in high nutrient low chlorophyll waters in the South and Equatorial Pacific Ocean. <i>ISME Journal</i> , 2011, 5, 933-944.	4.4	49
30	Lichens as natural sources of biotechnologically relevant bacteria. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 583-595.	1.7	48
31	A unique approach to monitor stress in coral exposed to emerging pollutants. <i>Scientific Reports</i> , 2020, 10, 9601.	1.6	45
32	Surface properties of SAR11 bacteria facilitate grazing avoidance. <i>Nature Microbiology</i> , 2017, 2, 1608-1615.	5.9	44
33	Current and future chemical treatments to fight biodeterioration of outdoor building materials and associated biofilms: Moving away from ecotoxic and towards efficient, sustainable solutions. <i>Science of the Total Environment</i> , 2022, 802, 149846.	3.9	33
34	Characterisation of the gill mucosal bacterial communities of four butterflyfish species: a reservoir of bacterial diversity in coral reef ecosystems. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	31
35	Marine cyanolichens from different littoral zones are associated with distinct bacterial communities. <i>PeerJ</i> , 2018, 6, e5208.	0.9	31
36	<i>Pleionea mediterranea</i> gen. nov., sp. nov., a gammaproteobacterium isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2700-2705.	0.8	28

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37	Review “Lichen-Associated Bacteria as a Hot Spot of Chemodiversity: Focus on Uncialamycin, a Promising Compound for Future Medicinal Applications. <i>Planta Medica</i> , 2016, 82, 1143-1152.	0.7	28
38	Spherulization as a process for the exudation of chemical cues by the encrusting sponge <i>C. crambe</i> . <i>Scientific Reports</i> , 2016, 6, 29474.	1.6	28
39	Eosinopenia <math>100\%</math> as a marker of active COVID-19: An observational prospective study. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 61-68.	1.5	27
40	Host Species and Body Site Explain the Variation in the Microbiota Associated to Wild Sympatric Mediterranean Teleost Fishes. <i>Microbial Ecology</i> , 2020, 80, 212-222.	1.4	25
41	BchY-Based Degenerate Primers Target All Types of Anoxygenic Photosynthetic Bacteria in a Single PCR. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7556-7559.	1.4	21
42	Primary Production in a Subtropical Stratified Coastal Lagoon—Contribution of Anoxygenic Phototrophic Bacteria. <i>Microbial Ecology</i> , 2011, 61, 223-237.	1.4	21
43	Characterization of N-Acyl Homoserine Lactones in <i>Vibrio tasmaniensis</i> LGP32 by a Biosensor-Based UHPLC-HRMS/MS Method. <i>Sensors</i> , 2017, 17, 906.	2.1	21
44	Cyaneodimycin, a Bioactive Compound Isolated from the Culture of <i>Streptomyces cyaneofuscatus</i> Associated with <i>Lichina confinis</i> . <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3977-3982.	1.2	17
45	Cytotoxic indole alkaloids from <i>Pseudovibrio denitrificans</i> BBCC725. <i>Tetrahedron Letters</i> , 2017, 58, 3172-3173.	0.7	17
46	Development and Application of Quantitative-PCR Tools for Subgroups of the <i>Roseobacter</i> Clade. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7542-7547.	1.4	16
47	The use of denaturing gradient gel electrophoresis with fully degenerate pufM primers to monitor aerobic anoxygenic phototrophic assemblages. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 427-440.	1.0	15
48	Estimation of ammonium regeneration efficiencies associated with bacterivory in pelagic food webs via a $^{15}\text{N}$ tracer method. <i>Journal of Plankton Research</i> , 1996, 18, 411-428.	0.8	13
49	The response of microbial communities to diverse organic matter sources in the Arctic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1249-1263.	0.6	12
50	Genetic diversity and phenotypic plasticity of AHL-mediated Quorum sensing in environmental strains of <i>Vibrio mediterranei</i> . <i>ISME Journal</i> , 2019, 13, 159-169.	4.4	10
51	Low-diversity bacterial microbiota in Southern Ocean representatives of lanternfish genera <i>Electrona</i> , <i>Protomyctophum</i> and <i>Gymnoscopelus</i> (family <i>Myctophidae</i> ). <i>PLoS ONE</i> , 2019, 14, e0226159.	1.1	10
52	Chemical analysis of the Alphaproteobacterium strain MOLA1416 associated with the marine lichen <i>Lichina pygmaea</i> . <i>Phytochemistry</i> , 2018, 145, 57-67.	1.4	9
53	Characterization of ecto- and endoparasite communities of wild Mediterranean teleosts by a metabarcoding approach. <i>PLoS ONE</i> , 2019, 14, e0221475.	1.1	9
54	Evidence of a Large Diversity of $\gamma$ -acyl-Homoserine Lactones in Symbiotic <i>Vibrio fischeri</i> Strains Associated with the Squid <i>Euprymna scolopes</i> . <i>Microbes and Environments</i> , 2019, 34, 99-103.	0.7	9

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55	An elusive marine photosynthetic bacterium is finally unveiled. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2561-2562.	3.3	8
56	Two-dimensional ultra high pressure liquid chromatography quadrupole/time-of-flight mass spectrometry for semi-targeted natural compounds identification. Phytochemistry Letters, 2014, 10, 318-323.	0.6	8
57	In-depth prospection of Avène Thermal Spring Water reveals an uncommon and stable microbial community. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 8-14.	1.3	8
58	In situ activity of NAC1177 roseobacters in coastal waters off the Chesapeake Bay based on <i>ftsZ</i> expression. Environmental Microbiology, 2011, 13, 1032-1041.	1.8	7
59	Dead Scaevola rhodopsins revisited. Environmental Microbiology Reports, 2012, 4, 617-621.	1.0	7
60	Light-driven increase in carbon yield is linked to maintenance in the proteorhodopsin-containing Photobacterium angustum S14. Frontiers in Microbiology, 2015, 6, 688.	1.5	6
61	Genome Sequence of the Sponge-Associated Ruegeria halocynthiae Strain MOLA R1/13b, a Marine Roseobacter with Two Quorum-Sensing-Based Communication Systems. Genome Announcements, 2014, 2, .	0.8	4
62	Draft Genome Sequence of the Gammaproteobacterial Strain MOLA455, a Representative of a Ubiquitous Proteorhodopsin-Producing Group in the Ocean. Genome Announcements, 2014, 2, .	0.8	4
63	Selective isolation, antimicrobial screening and phylogenetic diversity of marine actinomycetes derived from the Coast of Bejaia City (Algeria), a polluted and microbiologically unexplored environment. Journal of Applied Microbiology, 2022, 132, 2870-2882.	1.4	4
64	Genome Sequence of Strain MOLA814, a Proteorhodopsin-Containing Representative of the Betaproteobacteria Common in the Ocean. Genome Announcements, 2013, 1, .	0.8	3
65	Insights into the Natural Defenses of a Coral Reef Fish Against Gill Ectoparasites: Integrated Metabolome and Microbiome Approach. Metabolites, 2020, 10, 227.	1.3	3
66	Integrated Metabolomic, Molecular Networking, and Genome Mining Analyses Uncover Novel Angucyclines From Streptomyces sp. RO-S4 Strain Isolated From Bejaia Bay, Algeria. Frontiers in Microbiology, 0, 13, .	1.5	2