

Marcelino T Suzuki

List of Publications by Year in descending order

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66
papers

8,523
citations

136950
32
h-index

106344
65
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71
all docs

71
docs citations

71
times ranked

8333
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.0	33
2	Selective isolation, antimicrobial screening and phylogenetic diversity of marine actinomycetes derived from the Coast of Bejaia City (Algeria), a polluted and microbiologically unexplored environment. <i>Journal of Applied Microbiology</i> , 2022, 132, 2870-2882.	3.1	4
3	Eosinopenia 100% as a marker of active COVID-19: An observational prospective study. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 61-68.	3.1	27
4	In-depth prospection of Avène Thermal Spring Water reveals an uncommon and stable microbial community. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 8-14.	2.4	8
5	Insights into the Natural Defenses of a Coral Reef Fish Against Gill Ectoparasites: Integrated Metabolome and Microbiome Approach. <i>Metabolites</i> , 2020, 10, 227.	2.9	3
6	A unique approach to monitor stress in coral exposed to emerging pollutants. <i>Scientific Reports</i> , 2020, 10, 9601.	3.3	45
7	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.	2.8	25
8	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.	9.8	10
9	Characterization of ecto- and endoparasite communities of wild Mediterranean teleosts by a metabarcoding approach. <i>PLoS ONE</i> , 2019, 14, e0221475.	2.5	9
10	Evidence of a Large Diversity of N-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.	1.6	9
11	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.	2.5	10
12	Chemical analysis of the Alphaproteobacterium strain MOLA1416 associated with the marine lichen <i>Lichina pygmaea</i> . <i>Phytochemistry</i> , 2018, 145, 57-67.	2.9	9
13	Marine cyanolichens from different littoral zones are associated with distinct bacterial communities. <i>PeerJ</i> , 2018, 6, e5208.	2.0	31
14	Surface properties of SAR11 bacteria facilitate grazing avoidance. <i>Nature Microbiology</i> , 2017, 2, 1608-1615.	13.3	44
15	Multiple <i>Streptomyces</i> species with distinct secondary metabolomes have identical 16S rRNA gene sequences. <i>Scientific Reports</i> , 2017, 7, 11089.	3.3	96
16	Cytotoxic indole alkaloids from <i>Pseudovibrio denitrificans</i> BBCC725. <i>Tetrahedron Letters</i> , 2017, 58, 3172-3173.	1.4	17
17	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, .	2.7	31
18	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.	3.8	21

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19	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.	1.3	28
20	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.	3.3	28
21	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.	2.4	17
22	Lichens as natural sources of biotechnologically relevant bacteria. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 583-595.	3.6	48
23	Littoral lichens as a novel source of potentially bioactive Actinobacteria. <i>Scientific Reports</i> , 2015, 5, 15839.	3.3	65
24	Light-driven increase in carbon yield is linked to maintenance in the proteorhodopsin-containing <i>Photobacterium angustum</i> S14. <i>Frontiers in Microbiology</i> , 2015, 6, 688.	3.5	6
25	Seasonal dynamics of active SAR11 ecotypes in the oligotrophic Northwest Mediterranean Sea. <i>ISME Journal</i> , 2015, 9, 347-360.	9.8	93
26	Genome Sequence of the Sponge-Associated <i>Ruegeria halocynthiae</i> Strain MOLA R1/13b, a Marine Roseobacter with Two Quorum-Sensing-Based Communication Systems. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
27	Draft Genome Sequence of the Gammaproteobacterial Strain MOLA455, a Representative of a Ubiquitous Proteorhodopsin-Producing Group in the Ocean. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
28	Two-dimensional ultra high pressure liquid chromatography quadrupole/time-of-flight mass spectrometry for semi-targeted natural compounds identification. <i>Phytochemistry Letters</i> , 2014, 10, 318-323.	1.2	8
29	A single betaproteobacterium dominates the microbial community of the crambescidine-containing sponge <i>Crambe crambe</i> . <i>Scientific Reports</i> , 2013, 3, 2583.	3.3	66
30	Genome Sequence of Strain MOLA814, a Proteorhodopsin-Containing Representative of the <i>Betaproteobacteria</i> Common in the Ocean. <i>Genome Announcements</i> , 2013, 1, .	0.8	3
31	<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.	1.7	28
32	<i>D</i> ead <i>S</i> ea rhodopsins revisited. <i>Environmental Microbiology Reports</i> , 2012, 4, 617-621.	2.4	7
33	<i>In situ</i> activity of NAC117 roseobacters in coastal waters off the Chesapeake Bay based on <i>ftsZ</i> expression. <i>Environmental Microbiology</i> , 2011, 13, 1032-1041.	3.8	7
34	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.	9.8	49
35	Primary Production in a Subtropical Stratified Coastal Lagoon—Contribution of Anoxygenic Phototrophic Bacteria. <i>Microbial Ecology</i> , 2011, 61, 223-237.	2.8	21
36	Comparative community genomics in the Dead Sea: an increasingly extreme environment. <i>ISME Journal</i> , 2010, 4, 399-407.	9.8	101

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37	Microbial community genomics in eastern Mediterranean Sea surface waters. ISME Journal, 2010, 4, 78-87.	9.8	66
38	Development and Application of Quantitative-PCR Tools for Subgroups of the <i>Roseobacter</i> Clade. Applied and Environmental Microbiology, 2009, 75, 7542-7547.	3.1	16
39	BchY-Based Degenerate Primers Target All Types of Anoxygenic Photosynthetic Bacteria in a Single PCR. Applied and Environmental Microbiology, 2009, 75, 7556-7559.	3.1	21
40	Near real-time, autonomous detection of marine bacterioplankton on a coastal mooring in Monterey Bay, California, using rRNA-targeted DNA probes. Environmental Microbiology, 2009, 11, 1168-1180.	3.8	63
41	The response of microbial communities to diverse organic matter sources in the Arctic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1249-1263.	1.4	12
42	The use of denaturing gradient gel electrophoresis with fully degenerate pufM primers to monitor aerobic anoxygenic phototrophic assemblages. Limnology and Oceanography: Methods, 2008, 6, 427-440.	2.0	15
43	Novel estuarine bacterioplankton in rRNA operon libraries from the Chesapeake Bay. Aquatic Microbial Ecology, 2008, 51, 55-66.	1.8	54
44	High Temporal but Low Spatial Heterogeneity of Bacterioplankton in the Chesapeake Bay. Applied and Environmental Microbiology, 2007, 73, 6776-6789.	3.1	73
45	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. Environmental Microbiology, 2007, 9, 1464-1475.	3.8	156
46	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.	7.1	8
47	Mercury Methylation by Dissimilatory Iron-Reducing Bacteria. Applied and Environmental Microbiology, 2006, 72, 7919-7921.	3.1	448
48	Diverse and Unique Picocyanobacteria in Chesapeake Bay, Revealed by 16S-23S rRNA Internal Transcribed Spacer Sequences. Applied and Environmental Microbiology, 2006, 72, 2239-2243.	3.1	105
49	Novel Primers Reveal Wider Diversity among Marine Aerobic Anoxygenic Phototrophs. Applied and Environmental Microbiology, 2005, 71, 8958-8962.	3.1	80
50	Different SAR86 subgroups harbour divergent proteorhodopsins. Environmental Microbiology, 2004, 6, 903-910.	3.8	106
51	Phylogenetic Screening of Ribosomal RNA Gene-Containing Clones in Bacterial Artificial Chromosome (BAC) Libraries from Different Depths in Monterey Bay. Microbial Ecology, 2004, 48, 473-488.	2.8	101
52	Proteorhodopsin genes are distributed among divergent marine bacterial taxa. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12830-12835.	7.1	255
53	Unsuspected diversity among marine aerobic anoxygenic phototrophs. Nature, 2002, 415, 630-633.	27.8	380
54	Quantitative mapping of bacterioplankton populations in seawater: field tests across an upwelling plume in Monterey Bay. Aquatic Microbial Ecology, 2001, 24, 117-127.	1.8	117

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55	Phylogenetic analysis of ribosomal RNA operons from uncultivated coastal marine bacterioplankton. Environmental Microbiology, 2001, 3, 323-331.	3.8	152
56	Construction and analysis of bacterial artificial chromosome libraries from a marine microbial assemblage. Environmental Microbiology, 2000, 2, 516-529.	3.8	313
57	Quantitative Analysis of Small-Subunit rRNA Genes in Mixed Microbial Populations via 5'-Nuclease Assays. Applied and Environmental Microbiology, 2000, 66, 4605-4614.	3.1	1,020
58	Bacterial Rhodopsin: Evidence for a New Type of Phototrophy in the Sea. Science, 2000, 289, 1902-1906.	12.6	1,357
59	Effect of protistan bacterivory on coastal bacterioplankton diversity. Aquatic Microbial Ecology, 1999, 20, 261-272.	1.8	70
60	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. Applied and Environmental Microbiology, 1998, 64, 294-303.	3.1	99
61	Kinetic Bias in Estimates of Coastal Picoplankton Community Structure Obtained by Measurements of Small-Subunit rRNA Gene PCR Amplicon Length Heterogeneity. Applied and Environmental Microbiology, 1998, 64, 4522-4529.	3.1	337
62	Bacterial diversity among small-subunit rRNA gene clones and cellular isolates from the same seawater sample. Applied and Environmental Microbiology, 1997, 63, 983-989.	3.1	313
63	Estimation of ammonium regeneration efficiencies associated with bacterivory in pelagic food webs via a ¹⁵ N tracer method. Journal of Plankton Research, 1996, 18, 411-428.	1.8	13
64	Bias caused by template annealing in the amplification of mixtures of 16S rRNA genes by PCR. Applied and Environmental Microbiology, 1996, 62, 625-630.	3.1	1,646
65	DAPI direct counting underestimates bacterial abundances and average cell size compared to AO direct counting. Limnology and Oceanography, 1993, 38, 1566-1570.	3.1	94
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, .	3.5	2