

# Fabiano L Thompson

## List of Publications by Year in descending order

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270  
papers

15,757  
citations

22153

59  
h-index

21540

114  
g-index

281  
all docs

281  
docs citations

281  
times ranked

15312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity of Vibrios. Microbiology and Molecular Biology Reviews, 2004, 68, 403-431.	6.6	1,033
2	Re-evaluating prokaryotic species. Nature Reviews Microbiology, 2005, 3, 733-739.	28.6	1,019
3	Detection and sequencing of Zika virus from amniotic fluid of fetuses with microcephaly in Brazil: a case study. Lancet Infectious Diseases, The, 2016, 16, 653-660.	9.1	981
4	Lytic to temperate switching of viral communities. Nature, 2016, 531, 466-470.	27.8	440
5	Ecological diversification in the <i>Bacillus cereus</i> Group. Environmental Microbiology, 2008, 10, 851-865.	3.8	413
6	Phylogeny and Molecular Identification of Vibrios on the Basis of Multilocus Sequence Analysis. Applied and Environmental Microbiology, 2005, 71, 5107-5115.	3.1	394
7	Vibrio coralliilyticus sp. nov., a temperature-dependent pathogen of the coral Pocillopora damicornis. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 309-315.	1.7	370
8	Application of multilocus sequence analysis (MLSA) for rapid identification of Enterococcus species based on rpoA and pheS genes. Microbiology (United Kingdom), 2005, 151, 2141-2150.	1.8	365
9	Microbial genomic taxonomy. BMC Genomics, 2013, 14, 913.	2.8	316
10	Inferring the Evolutionary History of Vibrios by Means of Multilocus Sequence Analysis. Journal of Bacteriology, 2007, 189, 7932-7936.	2.2	306
11	Updating the Vibrio clades defined by multilocus sequence phylogeny: proposal of eight new clades, and the description of Vibrio tritonius sp. nov.. Frontiers in Microbiology, 2013, 4, 414.	3.5	264
12	Selection of probiotic bacteria and study of their immunostimulatory effect in Penaeus vannamei. Aquaculture, 2004, 233, 1-14.	3.5	243
13	An extensive reef system at the Amazon River mouth. Science Advances, 2016, 2, e1501252.	10.3	235
14	Marine viruses discovered via metagenomics shed light on viral strategies throughout the oceans. Nature Communications, 2017, 8, 15955.	12.8	231
15	Rhodolith Beds Are Major CaCO <sub>3</sub> Bio-Factories in the Tropical South West Atlantic. PLoS ONE, 2012, 7, e35171.	2.5	230
16	Importance of biofilm for water quality and nourishment in intensive shrimp culture. Aquaculture, 2002, 203, 263-278.	3.5	187
17	Molecular identification of Vibrio harveyi-related isolates associated with diseased aquatic organisms. Microbiology (United Kingdom), 2004, 150, 1769-1777.	1.8	180
18	Genomic taxonomy of vibrios. BMC Evolutionary Biology, 2009, 9, 258.	3.2	168

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19	Spatial patterns of benthic megahabitats and conservation planning in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 109-117.	1.8	167
20	The clinically approved antiviral drug sofosbuvir inhibits Zika virus replication. Scientific Reports, 2017, 7, 40920.	3.3	167
21	Comparative genomic analyses identify the <i>Vibrio harveyi</i> genome sequenced strains BAA-1116 and HY01 as <i>Vibrio campbellii</i> . Environmental Microbiology Reports, 2010, 2, 81-89.	2.4	153
22	Pathogenicity of vibrios to rainbow trout ( <i>Oncorhynchus mykiss</i> , Walbaum) and <i>Artemia</i> nauplii. Environmental Microbiology, 2005, 7, 1488-1495.	3.8	146
23	Microbial taxonomy in the post-genomic era: Rebuilding from scratch?. Archives of Microbiology, 2015, 197, 359-370.	2.2	144
24	Dynamics of Coral Reef Benthic Assemblages of the Abrolhos Bank, Eastern Brazil: Inferences on Natural and Anthropogenic Drivers. PLoS ONE, 2013, 8, e54260.	2.5	141
25	Genomic Diversity Amongst <i>Vibrio</i> Isolates from Different Sources Determined by Fluorescent Amplified Fragment Length Polymorphism. Systematic and Applied Microbiology, 2001, 24, 520-538.	2.8	140
26	Abrolhos Bank Reef Health Evaluated by Means of Water Quality, Microbial Diversity, Benthic Cover, and Fish Biomass Data. PLoS ONE, 2012, 7, e36687.	2.5	125
27	<i>Thalassomonas loyana</i> sp. nov., a causative agent of the white plague-like disease of corals on the Eilat coral reef. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 365-368.	1.7	119
28	Severe impacts of the Brumadinho dam failure (Minas Gerais, Brazil) on the water quality of the Paraopeba River. Science of the Total Environment, 2020, 705, 135914.	8.0	119
29	Multilocus Sequence Analysis Reveals that <i>Vibrio harveyi</i> and <i>V. campbellii</i> Are Distinct Species. Applied and Environmental Microbiology, 2007, 73, 4279-4285.	3.1	116
30	Phenotypic diversity amongst <i>Vibrio</i> isolates from marine aquaculture systems. Aquaculture, 2003, 219, 9-20.	3.5	112
31	Environmental and Sanitary Conditions of Guanabara Bay, Rio de Janeiro. Frontiers in Microbiology, 2015, 6, 1232.	3.5	112
32	Vibrios dominate as culturable nitrogen-fixing bacteria of the Brazilian coral <i>Mussismilia hispida</i> . Systematic and Applied Microbiology, 2008, 31, 312-319.	2.8	107
33	Reclassification of <i>Rhizobium tropici</i> type A strains as <i>Rhizobium leucaenae</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1179-1184.	1.7	107
34	Genomic and proteomic analyses of the coral pathogen <i>Vibrio coralliilyticus</i> reveal a diverse virulence repertoire. ISME Journal, 2011, 5, 1471-1483.	9.8	103
35	Metagenomic Analysis of Healthy and White Plague-Affected <i>Mussismilia braziliensis</i> Corals. Microbial Ecology, 2013, 65, 1076-1086.	2.8	103
36	Complete Genome Sequence of the Marine Fish Pathogen <i>Vibrio anguillarum</i> Harboring the pJM1 Virulence Plasmid and Genomic Comparison with Other Virulent Strains of <i>V. anguillarum</i> and <i>V. ordalii</i> . Infection and Immunity, 2011, 79, 2889-2900.	2.2	101

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37	Screening for endophytic nitrogen-fixing bacteria in Brazilian sugar cane varieties used in organic farming and description of <i>Stenotrophomonas pavanii</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 926-931.	1.7	99
38	Ecogenomics and Taxonomy of Cyanobacteria Phylum. Frontiers in Microbiology, 2017, 8, 2132.	3.5	99
39	Transcriptomic analysis of the red seaweed <i>Laurencia dendroidea</i> (Florideophyceae, Rhodophyta) and its microbiome. BMC Genomics, 2012, 13, 487.	2.8	98
40	Diseases leading to accelerated decline of reef corals in the largest South Atlantic reef complex (Abrolhos Bank, eastern Brazil). Marine Pollution Bulletin, 2008, 56, 1008-1014.	5.0	95
41	Reclassification of <i>Vibrio hollisae</i> as <i>Grimontia hollisae</i> gen. nov., comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1615-1617.	1.7	91
42	Diversity of lactic acid bacteria of the bioethanol process. BMC Microbiology, 2010, 10, 298.	3.3	87
43	Bacterial Community Associated with Healthy and Diseased Reef Coral <i>Mussismilia hispida</i> from Eastern Brazil. Microbial Ecology, 2010, 59, 658-667.	2.8	84
44	<i>Vibrio rotiferianus</i> sp. nov., isolated from cultures of the rotifer <i>Brachionus plicatilis</i> . International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 239-243.	1.7	83
45	Perspectives on the Great Amazon Reef: Extension, Biodiversity, and Threats. Frontiers in Marine Science, 2018, 5, .	2.5	83
46	Metal concentrations and biological effects from one of the largest mining disasters in the world (Brumadinho, Minas Gerais, Brazil). Scientific Reports, 2020, 10, 5936.	3.3	82
47	Individual <i>Apostichopus japonicus</i> fecal microbiome reveals a link with polyhydroxybutyrate producers in host growth gaps. Scientific Reports, 2016, 6, 21631.	3.3	81
48	Genotype to phenotype: identification of diagnostic vibrio phenotypes using whole genome sequences. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 357-365.	1.7	81
49	Baseline Assessment of Mesophotic Reefs of the Vitória-Trindade Seamount Chain Based on Water Quality, Microbial Diversity, Benthic Cover and Fish Biomass Data. PLoS ONE, 2015, 10, e0130084.	2.5	81
50	<i>Photobacterium kishitanii</i> sp. nov., a luminous marine bacterium symbiotic with deep-sea fishes. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2073-2078.	1.7	80
51	<i>Vibrio gigantis</i> sp. nov., isolated from the haemolymph of cultured oysters ( <i>Crassostrea gigas</i> ). International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2251-2255.	1.7	78
52	Diversity and antimicrobial potential of culturable heterotrophic bacteria associated with the endemic marine sponge <i>Arenosclera brasiliensis</i> . PeerJ, 2014, 2, e419.	2.0	78
53	An environmental overview of Guanabara Bay, Rio de Janeiro. Regional Studies in Marine Science, 2016, 8, 319-330.	0.7	71
54	Bacterial Community Diversity in the Brazilian Atlantic Forest Soils. Microbial Ecology, 2010, 60, 840-849.	2.8	70

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55	Physiologic and metagenomic attributes of the rhodoliths forming the largest CaCO <sub>3</sub> bed in the South Atlantic Ocean. ISME Journal, 2014, 8, 52-62.	9.8	68
56	Microbial processes driving coral reef organic carbon flow. FEMS Microbiology Reviews, 2017, 41, 575-595.	8.6	67
57	Multilocus sequence analysis of Brazilian Rhizobium microsymbionts of common bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	66
58	Vibrio vulnificus. , 0, , 349-366.		66
59	Vibrio crassostreae sp. nov., isolated from the haemolymph of oysters (Crassostrea gigas). International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2137-2140.	1.7	64
60	Cultures of the Marine Bacterium <i>Pseudovibrio denitrificans</i> Ab134 Produce Bromotyrosine-Derived Alkaloids Previously Only Isolated from Marine Sponges. Journal of Natural Products, 2017, 80, 235-240.	3.0	64
61	Insights on the freshwater microbiomes metabolic changes associated with the world's largest mining disaster. Science of the Total Environment, 2019, 654, 1209-1217.	8.0	62
62	Vibrio tasmaniensis sp. nov., isolated from Atlantic Salmon (Salmo salar L.). Systematic and Applied Microbiology, 2003, 26, 65-69.	2.8	60
63	Bacterial diversity associated with the Brazilian endemic reef coral<i>Mussismilia braziliensis</i>. Journal of Applied Microbiology, 2009, 106, 1378-1387.	3.1	60
64	Mesophotic reef fish assemblages of the remote St. Peter and St. Paulâ€™s Archipelago, Mid-Atlantic Ridge, Brazil. Coral Reefs, 2016, 35, 113-123.	2.2	59
65	Optimizing and evaluating the reconstruction of Metagenome-assembled microbial genomes. BMC Genomics, 2017, 18, 915.	2.8	59
66	Development of standard methods for Zika virus propagation, titration, and purification. Journal of Virological Methods, 2017, 246, 65-74.	2.1	58
67	Taxonomic and Functional Microbial Signatures of the Endemic Marine Sponge Arenosclera brasiliensis. PLoS ONE, 2012, 7, e39905.	2.5	56
68	The First Temporal and Spatial Assessment of Vibrio Diversity of the Surrounding Seawater of Coral Reefs in Ishigaki, Japan. Frontiers in Microbiology, 2016, 7, 1185.	3.5	56
69	Dynamics of<i>Vibrio</i>Populations and Their Role in Environmental Nutrient Cycling. , 0, , 190-203.		55
70	Structuring of Bacterioplankton Diversity in a Large Tropical Bay. PLoS ONE, 2012, 7, e31408.	2.5	53
71	Phylogenetic analysis of vibrios and related species by means of atpA gene sequences. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2480-2484.	1.7	51
72	Sneathiella chinensis gen. nov., sp. nov., a novel marine alphaproteobacterium isolated from coastal sediment in Qingdao, China. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 114-121.	1.7	50

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73	Identification of <i>Vibrio cholerae</i> and <i>Vibrio mimicus</i> by multilocus sequence analysis (MLSA). International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 617-621.	1.7	50
74	Remote sensing, isotopic composition and metagenomics analyses revealed Doce River ore plume reached the southern Abrolhos Bank Reefs. Science of the Total Environment, 2019, 697, 134038.	8.0	50
75	Metagenomics Sheds Light on the Ecology of Marine Microbes and Their Viruses. Trends in Microbiology, 2018, 26, 955-965.	7.7	49
76	Biological oxygen demand optode analysis of coral reef-associated microbial communities exposed to algal exudates. PeerJ, 2013, 1, e107.	2.0	49
77	The Deep-Sea Microbial Community from the Amazonian Basin Associated with Oil Degradation. Frontiers in Microbiology, 2017, 8, 1019.	3.5	48
78	Advanced Microbial Taxonomy Combined with Genome-Based-Approaches Reveals that <i>Vibrio astriarenae</i> sp. nov., an Agarolytic Marine Bacterium, Forms a New Clade in Vibrionaceae. PLoS ONE, 2015, 10, e0136279.	2.5	47
79	The Coral Bleaching <i>Vibrio shiloi</i> Kushmaro et al. 2001 is a Later Synonym of <i>Vibrio mediterranei</i> Pujalte and Garay 1986. Systematic and Applied Microbiology, 2001, 24, 516-519.	2.8	46
80	Occurrence of Harmful Cyanobacteria in Drinking Water from a Severely Drought-Impacted Semi-arid Region. Frontiers in Microbiology, 2018, 9, 176.	3.5	46
81	Comparative genomics of <i>Synechococcus</i> and proposal of the new genus <i>Parasynechococcus</i> . PeerJ, 2016, 4, e1522.	2.0	46
82	The Family Erythrobacteraceae. , 2014, , 213-235.		45
83	Diversity of <i>Vibrios</i> associated with reared clams in Galicia (NW Spain). Systematic and Applied Microbiology, 2008, 31, 215-222.	2.8	44
84	Usefulness of a real-time PCR platform for G+C content and DNA-DNA hybridization estimations in vibrios. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2379-2383.	1.7	44
85	Genomic Taxonomy of the Genus <i>Prochlorococcus</i> . Microbial Ecology, 2013, 66, 752-762.	2.8	44
86	<i>Vibrio variabilis</i> sp. nov. and <i>Vibrio maritimus</i> sp. nov., isolated from <i>Palythoa caribaeorum</i> . International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 3009-3015.	1.7	43
87	<i>Photobacterium swingsii</i> sp. nov., isolated from marine organisms. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 315-319.	1.7	43
88	Buracas: Novel and unusual sinkhole-like features in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 118-125.	1.8	43
89	Genomic and phenotypic attributes of novel <i>salinivibrios</i> from stromatolites, sediment and water from a high altitude lake. BMC Genomics, 2014, 15, 473.	2.8	43
90	Microbial and sponge loops modify fish production in phase-shifting coral reefs. Environmental Microbiology, 2015, 17, 3832-3846.	3.8	43

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91	Diversity and pathogenic potential of vibrios isolated from Abrolhos Bank corals. Environmental Microbiology Reports, 2010, 2, 90-95.	2.4	41
92	Vibrio jasicida sp. nov., a member of the Harveyi clade, isolated from marine animals (packhorse) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Microbiology, 2012, 62, 1864-1870.	1.7	39
93	New Insights on the Terpenome of the Red Seaweed Laurencia dendroidea (Florideophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70	4.6	39
94	Description of Endozoicomonas arenosclerae sp. nov. using a genomic taxonomy approach. Antonie Van Leeuwenhoek, 2016, 109, 431-438.	1.7	39
95	Physical Forcing Mechanisms Controlling the Variability of Chlorophyll-a over the Royal-Charlotte and Abrolhos Banksâ€”Eastern Brazilian Shelf. PLoS ONE, 2015, 10, e0117082.	2.5	39
96	Emergence of the East-Central-South-African genotype of Chikungunya virus in Brazil and the city of Rio de Janeiro may have occurred years before surveillance detection. Scientific Reports, 2019, 9, 2760.	3.3	38
97	Marinomonas brasilensis sp. nov., isolated from the coral Mussismilia hispida, and reclassification of Marinomonas basaltis as a later heterotypic synonym of Marinomonas communis. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1170-1175.	1.7	37
98	Vibrio hispanicus sp. nov., isolated from Artemia sp. and sea water in Spain. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 261-265.	1.7	36
99	Photobacterium jeanii sp. nov., isolated from corals and zoanthids. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2843-2848.	1.7	36
100	Towards a genome based taxonomy of Mycoplasmas. Infection, Genetics and Evolution, 2011, 11, 1798-1804.	2.3	36
101	Niche distribution and influence of environmental parameters in marine microbial communities: a systematic review. PeerJ, 2015, 3, e1008.	2.0	36
102	Vibrio communis sp. nov., isolated from the marine animals Mussismilia hispida, Phyllogorgia dilatata, Palythoa caribaeorum, Palythoa variabilis and Litopenaeus vannamei. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 362-368.	1.7	35
103	Culturable Heterotrophic Bacteria Associated with Healthy and Bleached Scleractinian Madracis decactis and the Fireworm Hermodice carunculata from the Remote St. Peter and St. Paul Archipelago, Brazil. Current Microbiology, 2014, 68, 38-46.	2.2	35
104	Microbial community diversity and physicalâ€”chemical features of the Southwestern Atlantic Ocean. Archives of Microbiology, 2015, 197, 165-179.	2.2	34
105	Rhodoliths holobionts in a changing ocean: host-microbes interactions mediate coralline algae resilience under ocean acidification. BMC Genomics, 2018, 19, 701.	2.8	34
106	Atlantic Forest loss caused by the world's largest tailing dam collapse (Fund�o Dam, Mariana, Brazil). Remote Sensing Applications: Society and Environment, 2018, 12, 30-34.	1.5	34
107	Metaproteomics reveals metabolic transitions between healthy and diseased stony coral <i>Mussismilia braziliensis</i>. Molecular Ecology, 2016, 25, 4632-4644.	3.9	32
108	A new genomic taxonomy system for the <i>Synechococcus</i> collective. Environmental Microbiology, 2020, 22, 4557-4570.	3.8	32



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109	<i>Vibrio gallicus</i> sp. nov., isolated from the gut of the French abalone <i>Haliotis tuberculata</i> . International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 843-846.	1.7	30
110	<i>Vibrio neonatus</i> sp. nov. and <i>Vibrio ezurae</i> sp. nov. Isolated from the Gut of Japanese Abalones. Systematic and Applied Microbiology, 2004, 27, 527-534.	2.8	30
111	BaMBa: towards the integrated management of Brazilian marine environmental data. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav088.	3.0	30
112	Multiple Symbiodinium Strains Are Hosted by the Brazilian Endemic Corals <i>Mussismilia</i> spp.. Microbial Ecology, 2015, 70, 301-310.	2.8	30
113	Bacterial Community Associated with the Reef Coral <i>Mussismilia braziliensis</i> 's Momentum Boundary Layer over a Diel Cycle. Frontiers in Microbiology, 2017, 8, 784.	3.5	30
114	Coastal bacterioplankton community diversity along a latitudinal gradient in Latin America by means of V6 tag pyrosequencing. Archives of Microbiology, 2011, 193, 105-114.	2.2	29
115	Immediate and long-term impacts of one of the worst mining tailing dam failure worldwide (Bento) Tj ETQq1 1 0.784314 rgBTJ /Overlock	8.0	29
116	Inhibitory effect of microalgae and cyanobacteria extracts on influenza virus replication and neuraminidase activity. PeerJ, 2018, 6, e5716.	2.0	29
117	<i>Vibrio trachuri</i> Iwamoto et al. 1995 is a junior synonym of <i>Vibrio harveyi</i> (Johnson and Shunk 1936) Baumann et al. 1981.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 973-976.	1.7	29
118	Genomic Diversity of Clinical and Environmental <i>Vibrio cholerae</i> Strains Isolated in Brazil between 1991 and 2001 as Revealed by Fluorescent Amplified Fragment Length Polymorphism Analysis. Journal of Clinical Microbiology, 2003, 41, 1946-1950.	3.9	28
119	<i>Oenococcus alcoholitolerans</i> sp. nov., a lactic acid bacteria isolated from cachaça and ethanol fermentation processes. Antonie Van Leeuwenhoek, 2014, 106, 1259-1267.	1.7	28
120	Potential metabolic strategies of widely distributed holobionts in the oceanic archipelago of St Peter and St Paul (Brazil). FEMS Microbiology Ecology, 2015, 91, .	2.7	28
121	<i>Thaumasiovibrio occultus</i> gen. nov. sp. nov. and <i>Thaumasiovibrio subtropicus</i> sp. nov. within the family Vibrionaceae, isolated from coral reef seawater off Ishigaki Island, Japan. Systematic and Applied Microbiology, 2017, 40, 290-296.	2.8	28
122	Taxonomy of the <i>Vibrios</i> . , 0, , 27-43.		28
123	<i>Vibrio superstes</i> sp. nov., isolated from the gut of Australian abalones <i>Haliotis laevigata</i> and <i>Haliotis rubra</i> . International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1813-1817.	1.7	26
124	Microbiota of the Major South Atlantic Reef Building Coral <i>Mussismilia</i> . Microbial Ecology, 2015, 69, 267-280.	2.8	26
125	Genomic and ecological attributes of marine bacteriophages encoding bacterial virulence genes. BMC Genomics, 2020, 21, 126.	2.8	26
126	<i>Vibrio</i> Clade 3.0: New Vibrionaceae Evolutionary Units Using Genome-Based Approach. Current Microbiology, 2022, 79, 10.	2.2	26



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127	<i>Vibrio pacinii</i> sp. nov., from cultured aquatic organisms. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1569-1573.	1.7	25
128	Zooplankton From a Reef System Under the Influence of the Amazon River Plume. Frontiers in Microbiology, 2018, 9, 355.	3.5	25
129	Insights on the evolution of the living Great Amazon Reef System, equatorial West Atlantic. Scientific Reports, 2019, 9, 13699.	3.3	25
130	The genus <i>Listonella</i> MacDonell and Colwell 1986 is a later heterotypic synonym of the genus <i>Vibrio</i> Pacini 1854 (Approved Lists 1980) – a taxonomic opinion. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 3023-3027.	1.7	24
131	<i>Vibrio alfacensis</i> sp. nov., isolated from marine organisms. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2955-2961.	1.7	24
132	Comparative genomics of 274 <i>Vibrio cholerae</i> genomes reveals mobile functions structuring three niche dimensions. BMC Genomics, 2014, 15, 654.	2.8	24
133	Fluorescent Amplified Fragment Length Polymorphism and Repetitive Extragenic Palindrome-PCR Fingerprinting Reveal Host-Specific Genetic Diversity of <i>Vibrio haliotocoli</i> -Like Strains Isolated from the Gut of Japanese Abalone. Applied and Environmental Microbiology, 2002, 68, 4140-4144.	3.1	23
134	Sinkhole-like structures as bioproductivity hotspots in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 126-134.	1.8	23
135	Cytogenotoxicity of the water and sediment of the Paraopeba River immediately after the iron ore mining dam disaster (Brumadinho, Minas Gerais, Brazil). Science of the Total Environment, 2021, 775, 145193.	8.0	23
136	Aura-biomes are present in the water layer above coral reef benthic macro-organisms. PeerJ, 2017, 5, e3666.	2.0	23
137	Polyketide Synthase Gene Diversity within the Microbiome of the Sponge <i>Arenosclera brasiliensis</i> , Endemic to the Southern Atlantic Ocean. Applied and Environmental Microbiology, 2013, 79, 1598-1605.	3.1	22
138	Unlocking Marine Biotechnology in the Developing World. Trends in Biotechnology, 2017, 35, 1119-1121.	9.3	22
139	New bacterial and archaeal lineages discovered in organic rich sediments of a large tropical Bay. Marine Genomics, 2020, 54, 100789.	1.1	22
140	Taxonomic and Functional Metagenomic Signature of Turfs in the Abrolhos Reef System (Brazil). PLoS ONE, 2016, 11, e0161168.	2.5	21
141	Light availability for reef-building organisms in a plume-influenced shelf. Continental Shelf Research, 2019, 181, 25-33.	1.8	21
142	Modelling the influence of environmental parameters over marine planktonic microbial communities using artificial neural networks. Science of the Total Environment, 2019, 677, 205-214.	8.0	21
143	– Candidatus <i>Colwellia aromaticivorans</i> sp. nov., – Candidatus <i>Halocynthiaibacter alkanivorans</i> sp. nov., and – Candidatus <i>Ulvibacter alkanivorans</i> sp. nov. Genome Sequences. Microbiology Resource Announcements, 2019, 8, .	0.6	21
144	<i>Photobacterium sanctipauli</i> sp. nov. isolated from bleached <i>Madracis decactis</i> (Scleractinia) in the St Peter & St Paul Archipelago, Mid-Atlantic Ridge, Brazil. PeerJ, 2014, 2, e427.	2.0	21

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145	Genome Sequence of the Marine Bacterium <i>Vibrio campbellii</i> DS40M4, Isolated from Open Ocean Water. <i>Journal of Bacteriology</i> , 2012, 194, 904-904.	2.2	20
146	Cloning and Functional Characterization of Cycloartenol Synthase from the Red Seaweed <i>Laurencia dendroidea</i> . <i>PLoS ONE</i> , 2016, 11, e0165954.	2.5	20
147	<i>Vibrio ishigakensis</i> sp. nov., in <i>Haliotocoli</i> clade isolated from seawater in Okinawa coral reef area, Japan. <i>Systematic and Applied Microbiology</i> , 2016, 39, 330-335.	2.8	20
148	Metagenomics sheds light on the metabolic repertoire of oil-biodegrading microbes of the South Atlantic Ocean. <i>Environmental Pollution</i> , 2019, 249, 295-304.	7.5	20
149	Microbial Community Profile and Water Quality in a Protected Area of the Caatinga Biome. <i>PLoS ONE</i> , 2016, 11, e0148296.	2.5	20
150	<i>Marinobacterium coralli</i> sp. nov., isolated from mucus of coral ( <i>Mussismilia hispida</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 60-64.	1.7	19
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