

Milton S Da Costa

List of Publications by Year in descending order

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163
papers

9,057
citations

57681

46
h-index

60403

85
g-index

189
all docs

189
docs citations

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times ranked

7933
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Alienimonas chondri</i> sp. nov., a novel planctomycete isolated from the biofilm of the red alga <i>Chondrus crispus</i> . <i>Systematic and Applied Microbiology</i> , 2020, 43, 126083.	1.2	17
2	Comparative genome sequence analysis of several species in the genus <i>Tepidimonas</i> and the description of a novel species <i>Tepidimonas charontis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1596-1604.	0.8	8
3	High-quality draft genome sequence of <i>Gaiella occulta</i> isolated from a 150 meter deep mineral water borehole and comparison with the genome sequences of other deep-branching lineages of the phylum <i>Actinobacteria</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00840.	1.2	38
4	Transfer of <i>Meiothermus chliarophilus</i> (Tenreiro et al. 1995) Nobre et al. 1996, <i>Meiothermus roseus</i> Ming et al. 2016, <i>Meiothermus terrae</i> Yu et al. 2014 and <i>Meiothermus timidus</i> Pires et al. 2005, to <i>Calidithermus</i> gen. nov., as <i>Calidithermus chliarophilus</i> comb. nov., <i>Calidithermus roseus</i> comb. nov., <i>Calidithermus terrae</i> comb. nov. and <i>Calidithermus timidus</i> comb. nov., respectively, and emended description of the genus <i>Meiothermus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1060-1069.	0.8	28
5	Study of methanogenic enrichment cultures of rock cores from the deep subsurface of the Iberian Pyritic Belt. <i>Heliyon</i> , 2018, 4, e00605.	1.4	23
6	Proposed minimal standards for the use of genome data for the taxonomy of prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 461-466.	0.8	2,359
7	<i>Raineya orbicola</i> gen. nov., sp. nov. a slightly thermophilic bacterium of the phylum Bacteroidetes and the description of <i>Raineyaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 982-989.	0.8	19
8	Proposal of the suffix "ota to denote phyla. Addendum to "Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes". <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 967-969.	0.8	136
9	<i>Lysobacter silvestris</i> sp. nov., isolated from alpine forest soil, and reclassification of <i>Luteimonas tolerans</i> as <i>Lysobacter tolerans</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1571-1577.	0.8	20
10	<i>Solimicrobium silvestre</i> gen. nov., sp. nov., isolated from alpine forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2491-2498.	0.8	11
11	Diversity of bacteria and archaea from two shallow marine hydrothermal vents from Vulcano Island. <i>Extremophiles</i> , 2017, 21, 733-742.	0.9	48
12	Complete Genome Sequence of <i>Tessaracoccus</i> sp. Strain T2.5-30 Isolated from 139.5 Meters Deep on the Subsurface of the Iberian Pyritic Belt. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
13	<i>Psychromicrobium silvestre</i> gen. nov., sp. nov., an actinobacterium isolated from alpine forest soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 640-645.	0.8	11
14	<i>Mariniblastus fucicola</i> gen. nov., sp. nov. a novel planctomycete associated with macroalgae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1571-1576.	0.8	32
15	<i>Dehalogenimonas formicexedens</i> sp. nov., a chlorinated alkane-respiring bacterium isolated from contaminated groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1366-1373.	0.8	39
16	Comparison of the compatible solute pool of two slightly halophilic planctomycetes species, <i>Gimesia maris</i> and <i>Rubinisphaera brasiliensis</i> . <i>Extremophiles</i> , 2016, 20, 811-820.	0.9	14
17	Genome sequence of the organohalide-respiring <i>Dehalogenimonas alkenigignens</i> type strain (IP3-3T). <i>Standards in Genomic Sciences</i> , 2016, 11, 44.	1.5	10
18	<i>Halorhabdus rudnickae</i> sp. nov., a halophilic archaeon isolated from a salt mine borehole in Poland. <i>Systematic and Applied Microbiology</i> , 2016, 39, 100-105.	1.2	23

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19	<i>Ampullimonas aquatilis</i> gen. nov., sp. nov. isolated from bottled mineral water. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1459-1465.	0.8	17
20	<i>Nakamurella silvestris</i> sp. nov., an actinobacterium isolated from alpine forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5460-5464.	0.8	13
21	Microbial Contaminants of Cord Blood Units Identified by 16S rRNA Sequencing and by API Test System, and Antibiotic Sensitivity Profiling. PLoS ONE, 2015, 10, e0141152.	1.1	5
22	<i>Palleronia abyssalis</i> sp. nov., isolated from the deep Mediterranean Sea and the emended description of the genus <i>Palleronia</i> and of the species <i>Palleronia marisminoris</i> . Antonie Van Leeuwenhoek, 2015, 107, 633-642.	0.7	19
23	A unique glyceryl diglycoside identified in the thermophilic, radiation-resistant bacterium <i>Rubrobacter xylanophilus</i> . Extremophiles, 2015, 19, 373-382.	0.9	1
24	<i>Roseimaritima ulvae</i> gen. nov., sp. nov. and <i>Rubripirellula obstinata</i> gen. nov., sp. nov. two novel planctomycetes isolated from the epiphytic community of macroalgae. Systematic and Applied Microbiology, 2015, 38, 8-15.	1.2	73
25	Comparison of the Ability of Two Bacteria to Improve the Behavior of Sandy Soil. Journal of Materials in Civil Engineering, 2015, 27, .	1.3	36
26	Microbial diversity and dynamics of a groundwater and a still bottled natural mineral water. Environmental Microbiology, 2015, 17, 577-593.	1.8	40
27	<i>Cavicella subterranea</i> gen. nov., sp. nov., isolated from a deep mineral-water aquifer, and emended description of the species <i>Perlucidibaca piscinae</i> . International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3812-3817.	0.8	18
28	Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4284-4287.	0.8	84
29	<i>Halorhabdus tiamatea</i> : proteogenomics and glycosidase activity measurements identify the first cultivated euryarchaeon from a deep-sea anoxic brine lake as potential polysaccharide degrader. Environmental Microbiology, 2014, 16, 2525-2537.	1.8	41
30	Thermophiles as Potential Source of Novel Endotoxin Antagonists: the Full Structure and Bioactivity of the Lipopolysaccharide from <i>Thermomonas hydrothermalis</i> . ChemBioChem, 2014, 15, 2146-2155.	1.3	20
31	<i>Rhodopirellula lusitana</i> sp. nov. and <i>Rhodopirellula rubra</i> sp. nov., isolated from the surface of macroalgae. Systematic and Applied Microbiology, 2014, 37, 157-164.	1.2	53
32	Description of two new thermophilic species of the genus <i>Rubrobacter</i> , <i>Rubrobacter calidifluminis</i> sp. nov. and <i>Rubrobacter naiadicus</i> sp. nov., and emended description of the genus <i>Rubrobacter</i> and the species <i>Rubrobacter bracarensis</i> . Systematic and Applied Microbiology, 2014, 37, 235-243.	1.2	43
33	The Families Conexibacteraceae, Patulibacteraceae and Solirubrobacteraceae. , 2014, , 185-200.		4
34	The Family Rubrobacteraceae. , 2014, , 861-866.		6
35	The Family Gaiellaceae. , 2014, , 357-360.		7
36	The Family Rhodobiaceae. , 2014, , 513-531.		3

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37	The Family Thermaceae. , 2014, , 955-987.		24
38	The Family Thermoleophilaceae. , 2014, , 1047-1050.		0
39	The Family Idiomarinaceae. , 2014, , 361-385.		0
40	The plant <i>Selaginella moellendorffii</i> possesses enzymes for synthesis and hydrolysis of the compatible solutes mannosylglycerate and glucosylglycerate. <i>Planta</i> , 2013, 237, 891-901.	1.6	13
41	<i>Cecembia calidifontis</i> sp. nov., isolated from a hot spring runoff, and emended description of the genus <i>Cecembia</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1431-1436.	0.8	14
42	<i>Heliomonas saccharivorans</i> gen. nov., sp. nov., a member of the family Chitinophagaceae isolated from a mineral water aquifer, and emended description of <i>Filimonas lacunae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3793-3799.	0.8	31
43	<i>Dehalogenimonas alkenigignens</i> sp. nov., a chlorinated-alkane-dehalogenating bacterium isolated from groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1492-1498.	0.8	64
44	A new bacterial hydrolase specific for the compatible solutes α -D-mannopyranosyl-(1 \rightarrow 2)-D-glycerate and α -D-glucopyranosyl-(1 \rightarrow 2)-D-glycerate. <i>Enzyme and Microbial Technology</i> , 2013, 52, 77-83.	1.6	15
45	The biosynthesis of trehalose and sugar-glycerate compatible solutes in organisms that live in hot and saline environments. , 2013, , 465-502.		4
46	<i>Pullulanibacillus uraniitolerans</i> sp. nov., an acidophilic, U(VI)-resistant species isolated from an acid uranium mill tailing effluent and emended description of the genus <i>Pullulanibacillus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 158-162.	0.8	15
47	Mannosylglucosylglycerate biosynthesis in the deep-branching phylum Planctomycetes: characterization of the uncommon enzymes from <i>Rhodopirellula baltica</i> . <i>Scientific Reports</i> , 2013, 3, 2378.	1.6	3
48	A Unique Pool of Compatible Solutes on <i>Rhodopirellula baltica</i> , Member of the Deep-Branching Phylum Planctomycetes. <i>PLoS ONE</i> , 2013, 8, e68289.	1.1	6
49	<i>Hydrotalea sandarakina</i> sp. nov., isolated from a hot spring runoff, and emended descriptions of the genus <i>Hydrotalea</i> and the species <i>Hydrotalea flava</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1603-1608.	0.8	32
50	<i>Pelosinus defluvii</i> sp. nov., isolated from chlorinated solvent-contaminated groundwater, emended description of the genus <i>Pelosinus</i> and transfer of <i>Sporotalea propionica</i> to <i>Pelosinus propionicus</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1369-1376.	0.8	41
51	Complete genome sequence of <i>Dehalogenimonas lykanthroporepellens</i> type strain (BL-DC-9T) and comparison to <i>Dehalococcoides</i> strains. <i>Standards in Genomic Sciences</i> , 2012, 6, 251-264.	1.5	51
52	<i>Natrinema salaciae</i> sp. nov., a halophilic archaeon isolated from the deep, hypersaline anoxic Lake Medee in the Eastern Mediterranean Sea. <i>Systematic and Applied Microbiology</i> , 2012, 35, 368-373.	1.2	36
53	<i>Nevskia aquatilis</i> sp. nov. and <i>Nevskia persephonica</i> sp. nov., isolated from a mineral water aquifer and the emended description of the genus <i>Nevskia</i> . <i>Systematic and Applied Microbiology</i> , 2012, 35, 297-301.	1.2	25
54	<i>Oceanicella actignis</i> gen. nov., sp. nov., a halophilic slightly thermophilic member of the Alphaproteobacteria. <i>Systematic and Applied Microbiology</i> , 2012, 35, 385-389.	1.2	21

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55	<i>Jeotgalibacillus soli</i> sp. nov., a Gram-stain-positive bacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 608-612.	0.8	15
56	Molecular evolution of key genes for type II secretion in <i>Legionella pneumophila</i> . <i>Environmental Microbiology</i> , 2012, 14, 2017-2033.	1.8	17
57	<i>Actinomyces naturae</i> sp. nov., the first <i>Actinomyces</i> sp. isolated from a non-human or animal source. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 155-168.	0.7	24
58	The Identification of Polar Lipids in Prokaryotes. <i>Methods in Microbiology</i> , 2011, , 165-181.	0.4	61
59	The Identification of Fatty Acids in Bacteria. <i>Methods in Microbiology</i> , 2011, 38, 183-196.	0.4	19
60	The Extraction and Identification of Respiratory Lipoquinones of Prokaryotes and Their Use in Taxonomy. <i>Methods in Microbiology</i> , 2011, 38, 197-206.	0.4	56
61	<i>Aquisphaera giovannonii</i> gen. nov., sp. nov., a planctomycete isolated from a freshwater aquarium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2844-2850.	0.8	68
62	<i>Schleiferia thermophila</i> gen. nov., sp. nov., a slightly thermophilic bacterium of the phylum <i>Bacteroidetes</i> and the proposal of <i>Schleiferiaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2450-2455.	0.8	50
63	Diversity, biological roles and biosynthetic pathways for sugar-glycerate containing compatible solutes in bacteria and archaea. <i>Environmental Microbiology</i> , 2011, 13, 2056-2077.	1.8	63
64	Functional and structural characterization of a novel mannosyl-3-phosphoglycerate synthase from <i>Rubrobacter xylanophilus</i> reveals its dual substrate specificity. <i>Molecular Microbiology</i> , 2011, 79, 76-93.	1.2	18
65	<i>Gaiella occulta</i> gen. nov., sp. nov., a novel representative of a deep branching phylogenetic lineage within the class Actinobacteria and proposal of <i>Gaiellaceae</i> fam. nov. and <i>Gaiellales</i> ord. nov.. <i>Systematic and Applied Microbiology</i> , 2011, 34, 595-599.	1.2	167
66	<i>Mycobacterium tuberculosis</i> Rv2419c, the missing glucosyl-3-phosphoglycerate phosphatase for the second step in methylglucose lipopolysaccharide biosynthesis. <i>Scientific Reports</i> , 2011, 1, 177.	1.6	16
67	<i>Tepidamorphus gemmatus</i> gen. nov., sp. nov., a slightly thermophilic member of the Alphaproteobacteria. <i>Systematic and Applied Microbiology</i> , 2010, 33, 60-66.	1.2	27
68	<i>Meiothermus granaticus</i> sp. nov., a new slightly thermophilic red-pigmented species from the Azores. <i>Systematic and Applied Microbiology</i> , 2010, 33, 243-246.	1.2	26
69	Biochemical characterization of the maltokinase from <i>Mycobacterium bovis</i> BCG. <i>BMC Biochemistry</i> , 2010, 11, 21.	4.4	29
70	Molecular evolution of <i>Legionella pneumophila dotA</i> gene, the contribution of natural environmental strains. <i>Environmental Microbiology</i> , 2010, 12, 2711-2729.	1.8	22
71	Two Alternative Pathways for the Synthesis of the Rare Compatible Solute Mannosylglucosylglycerate in <i>Petrotoxa mobilis</i> . <i>Journal of Bacteriology</i> , 2010, 192, 1624-1633.	1.0	17
72	Colonization of a therapeutic spa with <i>Legionella</i> spp: a public health issue. <i>Research in Microbiology</i> , 2010, 161, 18-25.	1.0	12

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73	<i>Meiothermus rufus</i> sp. nov., a new slightly thermophilic red-pigmented species and emended description of the genus <i>Meiothermus</i> . <i>Systematic and Applied Microbiology</i> , 2009, 32, 306-313.	1.2	40
74	Description of <i>Idiomarina insulisalsae</i> sp. nov., isolated from the soil of a sea salt evaporation pond, proposal to transfer the species of the genus <i>Pseudidiomarina</i> to the genus <i>Idiomarina</i> and emended description of the genus <i>Idiomarina</i> . <i>Systematic and Applied Microbiology</i> , 2009, 32, 371-378.	1.2	77
75	<i>Dehalogenimonas lykanthroporepellens</i> gen. nov., sp. nov., a reductively dehalogenating bacterium isolated from chlorinated solvent-contaminated groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2692-2697.	0.8	188
76	Crystallization and preliminary crystallographic analysis of mannosyl-3-phosphoglycerate synthase from <i>Rubrobacter xylanophilus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 760-763.	0.7	9
77	Identification of the mycobacterial glucosyl-3-phosphoglycerate synthase. <i>FEMS Microbiology Letters</i> , 2008, 280, 195-202.	0.7	33
78	The role of the nitrate respiration element of <i>Thermus thermophilus</i> in the control and activity of the denitrification apparatus. <i>Environmental Microbiology</i> , 2008, 10, 522-533.	1.8	32
79	To be or not to be a compatible solute: Bioversatility of mannosylglycerate and glucosylglycerate. <i>Systematic and Applied Microbiology</i> , 2008, 31, 159-168.	1.2	25
80	Molecular and Physiological Role of the Trehalose-Hydrolyzing α -Glucosidase from <i>Thermus thermophilus</i> HB27. <i>Journal of Bacteriology</i> , 2008, 190, 2298-2305.	1.0	16
81	<i>Halorhabdus tiamatea</i> sp. nov., a non-pigmented, extremely halophilic archaeon from a deep-sea, hypersaline anoxic basin of the Red Sea, and emended description of the genus <i>Halorhabdus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 215-220.	0.8	124
82	A Unique Combination of Genetic Systems for the Synthesis of Trehalose in <i>Rubrobacter xylanophilus</i> : Properties of a Rare Actinobacterial TreT. <i>Journal of Bacteriology</i> , 2008, 190, 7939-7946.	1.0	35
83	A New Lineage of Halophilic, Wall-Less, Contractile Bacteria from a Brine-Filled Deep of the Red Sea. <i>Journal of Bacteriology</i> , 2008, 190, 3580-3587.	1.0	84
84	<i>Bacillus isabeliae</i> sp. nov., a halophilic bacterium isolated from a sea salt evaporation pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 226-230.	0.8	27
85	Description of four novel psychrophilic, ionizing radiation-sensitive <i>Deinococcus</i> species from alpine environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1252-1258.	0.8	83
86	<i>Mycobacterium tuberculosis</i> Glucosyl-3-Phosphoglycerate Synthase: Structure of a Key Enzyme in Methylglucose Lipopolysaccharide Biosynthesis. <i>PLoS ONE</i> , 2008, 3, e3748.	1.1	21
87	<i>Elioraea tepidiphila</i> gen. nov., sp. nov., a slightly thermophilic member of the Alphaproteobacteria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 773-778.	0.8	44
88	<i>Nosocomiicoccus ampullae</i> gen. nov., sp. nov., isolated from the surface of bottles of saline solution used in wound cleansing. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2939-2944.	0.8	25
89	Description of <i>Azospira restricta</i> sp. nov., a nitrogen-fixing bacterium isolated from groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1521-1526.	0.8	69
90	<i>Salirhabdus euzebyi</i> gen. nov., sp. nov., a Gram-positive, halotolerant bacterium isolated from a sea salt evaporation pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1566-1571.	0.8	34

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91	Glucosylglycerate Biosynthesis in the Deepest Lineage of the Bacteria : Characterization of the Thermophilic Proteins CpgS and CpgP from <i>Persephonella marina</i> . <i>Journal of Bacteriology</i> , 2007, 189, 1648-1654.	1.0	32
92	Single-Step Pathway for Synthesis of Glucosylglycerate in <i>Persephonella marina</i> . <i>Journal of Bacteriology</i> , 2007, 189, 4014-4019.	1.0	25
93	Bifunctional CTP:Inositol-1-Phosphate Cytidylyltransferase/CDP-Inositol:Inositol-1-Phosphate Transferase, the Key Enzyme for Di- myo -Inositol-Phosphate Synthesis in Several (Hyper)thermophiles. <i>Journal of Bacteriology</i> , 2007, 189, 5405-5412.	1.0	41
94	<i>Marinobacter salsuginis</i> sp. nov., isolated from the brine "seawater interface of the Shaban Deep, Red Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1035-1040.	0.8	61
95	<i>Deinococcus perariditoris</i> sp. nov., isolated from a coastal desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1408-1412.	0.8	40
96	Organic solutes in <i>Rubrobacter xylanophilus</i> : the first example of di-myo-inositol-phosphate in a thermophile. <i>Extremophiles</i> , 2007, 11, 667-673.	0.9	38
97	Mannosylglycerate is essential for osmotic adjustment in <i>Thermus thermophilus</i> strains HB27 and RQ-1. <i>Extremophiles</i> , 2007, 11, 833-840.	0.9	17
98	<i>Tepidicella xavieri</i> gen. nov., sp. nov., a betaproteobacterium isolated from a hot spring runoff. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 907-912.	0.8	25
99	6 Analysis of Lipids from Extremophilic Bacteria. <i>Methods in Microbiology</i> , 2006, 35, 127-159.	0.4	7
100	<i>Salinicoccus salsiraiiae</i> sp. nov.: a new moderately halophilic gram-positive bacterium isolated from salted skate. <i>Extremophiles</i> , 2006, 10, 531-536.	0.9	26
101	<i>Leucobacter luti</i> sp. nov., and <i>Leucobacter alluvii</i> sp. nov., two new species of the genus <i>Leucobacter</i> isolated under chromium stress. <i>Systematic and Applied Microbiology</i> , 2006, 29, 414-421.	1.2	54
102	<i>Dokdonella fugitiva</i> sp. nov., a Gammaproteobacterium isolated from potting soil. <i>Systematic and Applied Microbiology</i> , 2006, 29, 191-196.	1.2	24
103	<i>Propionicicella superfundia</i> gen. nov., sp. nov., a chlorosolvent-tolerant propionate-forming, facultative anaerobic bacterium isolated from contaminated groundwater. <i>Systematic and Applied Microbiology</i> , 2006, 29, 404-413.	1.2	52
104	<i>Tepidimonas thermarum</i> sp. nov., a new slightly thermophilic betaproteobacterium isolated from the Eisenquelle in Aachen and emended description of the genus <i>Tepidimonas</i> . <i>Systematic and Applied Microbiology</i> , 2006, 29, 450-456.	1.2	27
105	<i>Microcella alkaliphila</i> sp. nov., a novel member of the family Microbacteriaceae isolated from a non-saline alkaline groundwater, and emended description of the genus <i>Microcella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2313-2316.	0.8	34
106	<i>Paucisalibacillus globulus</i> gen. nov., sp. nov., a Gram-positive bacterium isolated from potting soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1841-1845.	0.8	40
107	<i>Brooklawnia cerclae</i> gen. nov., sp. nov., a propionate-forming bacterium isolated from chlorosolvent-contaminated groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1977-1983.	0.8	62
108	Characterization of the Biosynthetic Pathway of Glucosylglycerate in the Archaeon <i>Methanococcoides burtonii</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1022-1030.	1.0	39

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109	<i>Bacillus foraminis</i> sp. nov., isolated from a non-saline alkaline groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2571-2574.	0.8	55
110	The Genus <i>Thermus</i> and Relatives. , 2006, , 797-812.		27
111	Diversity and biosynthesis of compatible solutes in hyper/thermophiles. <i>International Microbiology</i> , 2006, 9, 199-206.	1.1	48
112	<i>Meiothermus timidus</i> sp. nov., a new slightly thermophilic yellow-pigmented species. <i>FEMS Microbiology Letters</i> , 2005, 245, 39-45.	0.7	42
113	<i>Truepera radiovictrix</i> gen. nov., sp. nov., a new radiation resistant species and the proposal of <i>Trueperaceae</i> fam. nov.. <i>FEMS Microbiology Letters</i> , 2005, 247, 161-169.	0.7	159
114	<i>Herminiimonas fonticola</i> gen. nov., sp. nov., a Betaproteobacterium isolated from a source of bottled mineral water. <i>Systematic and Applied Microbiology</i> , 2005, 28, 596-603.	1.2	32
115	Trehalose biosynthesis in <i>Thermus thermophilus</i> RQ-1: biochemical properties of the trehalose-6-phosphate synthase and trehalose-6-phosphate phosphatase. <i>Extremophiles</i> , 2005, 9, 29-36.	0.9	32
116	Presence and Persistence of <i>Legionella</i> spp. in Groundwater. <i>Applied and Environmental Microbiology</i> , 2005, 71, 663-671.	1.4	64
117	Extensive Diversity of Ionizing-Radiation-Resistant Bacteria Recovered from Sonoran Desert Soil and Description of Nine New Species of the Genus <i>Deinococcus</i> Obtained from a Single Soil Sample. <i>Applied and Environmental Microbiology</i> , 2005, 71, 5225-5235.	1.4	355
118	Compatible Solutes of the Hyperthermophile <i>Palaeococcus ferrophilus</i> : Osmoadaptation and Thermoadaptation in the Order Thermococcales. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8091-8098.	1.4	50
119	The High-Affinity Maltose/Trehalose ABC Transporter in the Extremely Thermophilic Bacterium <i>Thermus thermophilus</i> HB27 Also Recognizes Sucrose and Palatinose. <i>Journal of Bacteriology</i> , 2005, 187, 1210-1218.	1.0	36
120	Distribution of Genes for Synthesis of Trehalose and Mannosylglycerate in <i>Thermus</i> spp. and Direct Correlation of These Genes with Halotolerance. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2460-2466.	1.4	38
121	Biosynthesis of the Compatible Solute Mannosylglycerate from Hyperthermophiles to Mesophiles. Cellular Origin and Life in Extreme Habitats, 2005, , 311-325.	0.3	0
122	Specialized Roles of the Two Pathways for the Synthesis of Mannosylglycerate in Osmoadaptation and Thermoadaptation of <i>Rhodothermus marinus</i> *. <i>Journal of Biological Chemistry</i> , 2004, 279, 9892-9898.	1.6	49
123	A Gene from the Mesophilic Bacterium <i>Dehalococcoides ethenogenes</i> Encodes a Novel Mannosylglycerate Synthase. <i>Journal of Bacteriology</i> , 2004, 186, 4075-4084.	1.0	36
124	<i>Leucobacter chromiireducens</i> sp. nov, and <i>Leucobacter aridicollis</i> sp. nov., Two New Species Isolated From a Chromium Contaminated Environment. <i>Systematic and Applied Microbiology</i> , 2004, 27, 646-652.	1.2	72
125	<i>Thermomonas hydrothermalis</i> sp. nov., A New Slightly Thermophilic $\hat{1}^3$ -Proteobacterium Isolated from a Hot Spring in Central Portugal. <i>Systematic and Applied Microbiology</i> , 2003, 26, 70-75.	1.2	42
126	<i>Tepidimonas aquatica</i> sp. nov., A New Slightly Thermophilic $\hat{1}^2$ -Proteobacterium Isolated from a Hot Water Tank. <i>Systematic and Applied Microbiology</i> , 2003, 26, 376-381.	1.2	27

#	ARTICLE	IF	CITATIONS
127	A variant of the hyperthermophile <i>Archaeoglobus fulgidus</i> adapted to grow at high salinity. FEMS Microbiology Letters, 2003, 218, 239-244.	0.7	32
128	Osmotic Adaptation of <i>Thermus thermophilus</i> RQ-1: Lesson from a Mutant Deficient in Synthesis of Trehalose. Journal of Bacteriology, 2003, 185, 5943-5952.	1.0	43
129	<i>Porphyrobacter cryptus</i> sp. nov., a novel slightly thermophilic, aerobic, bacteriochlorophyll a-containing species. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 35-41.	0.8	76
130	The Bacterium <i>Thermus thermophilus</i> , Like Hyperthermophilic Archaea, Uses a Two-Step Pathway for the Synthesis of Mannosylglycerate. Applied and Environmental Microbiology, 2003, 69, 3272-3279.	1.4	39
131	Gamma-Proteobacteria <i>Aquicella lusitana</i> gen. nov., sp. nov., and <i>Aquicella siphonis</i> sp. nov. Infect Protozoa and Require Activated Charcoal for Growth in Laboratory Media. Applied and Environmental Microbiology, 2003, 69, 6533-6540.	1.4	53
132	<i>Albidovulum inexpectatum</i> gen. nov., sp. nov., a Nonphotosynthetic and Slightly Thermophilic Bacterium from a Marine Hot Spring That Is Very Closely Related to Members of the Photosynthetic Genus <i>Rhodovulum</i> . Applied and Environmental Microbiology, 2002, 68, 4266-4273.	1.4	56
133	<i>Rubritepida flocculans</i> gen. nov., sp. nov., a New Slightly Thermophilic Member of the $\hat{\pm}$ -1 Subclass of the Proteobacteria. Systematic and Applied Microbiology, 2002, 25, 198-206.	1.2	52
134	Compatible solutes of organisms that live in hot saline environments. Environmental Microbiology, 2002, 4, 501-509.	1.8	250
135	<i>Leuconostoc ficulneum</i> sp. nov., a novel lactic acid bacterium isolated from a ripe fig, and reclassification of <i>Lactobacillus fructosus</i> as <i>Leuconostoc fructosum</i> comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 647-655.	0.8	57
136	[26] Organic solutes from thermophiles and hyperthermophiles. Methods in Enzymology, 2001, 334, 302-315.	0.4	61
137	Pathway for the Synthesis of Mannosylglycerate in the Hyperthermophilic Archaeon <i>Pyrococcus horikoshii</i> . Journal of Biological Chemistry, 2001, 276, 43580-43588.	1.6	67
138	Genetic diversity analysis of <i>Rhodothermus</i> reflects geographical origin of the isolates. Extremophiles, 2000, 4, 267-274.	0.9	30
139	Demonstration of a Novel Glycolytic Pathway in the Hyperthermophilic Archaeon <i>Thermococcus zilligii</i> by ^{13}C -Labeling Experiments and Nuclear Magnetic Resonance Analysis. Journal of Bacteriology, 2000, 182, 4632-4636.	1.0	28
140	Biosynthesis of Mannosylglycerate in the Thermophilic Bacterium <i>Rhodothermus marinus</i> . Journal of Biological Chemistry, 1999, 274, 35407-35414.	1.6	62
141	Combined effect of the growth temperature and salinity of the medium on the accumulation of compatible solutes by <i>Rhodothermus marinus</i> and <i>Rhodothermus obamensis</i> . Extremophiles, 1999, 3, 163-172.	0.9	91
142	Homeostasis of the membrane proton permeability in <i>Bacillus subtilis</i> grown at different temperatures. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1419, 97-104.	1.4	85
143	Characterization of glycolipids from <i>Meiothermus</i> spp.. Microbiology (United Kingdom), 1999, 145, 1191-1199.	0.7	41
144	Effects of Temperature, Salinity, and Medium Composition on Compatible Solute Accumulation by <i>Thermococcus</i> spp. Applied and Environmental Microbiology, 1998, 64, 3591-3598.	1.4	102

#	ARTICLE	IF	CITATIONS
145	Comparative genomic analysis of isolates belonging to the six species of the genus <i>Thermus</i> using pulsed-field gel electrophoresis and ribotyping. <i>Archives of Microbiology</i> , 1997, 168, 92-101.	1.0	11
146	Genomic Typing and Fatty Acid Composition of <i>Rhodothermus marinus</i> . <i>Systematic and Applied Microbiology</i> , 1996, 19, 83-90.	1.2	18
147	Fatty Composition of the Species of the Genera <i>Thermus</i> Acid <i>Meiothermus</i> . <i>Systematic and Applied Microbiology</i> , 1996, 19, 303-311.	1.2	37
148	Plasmid RFLP profiling and DNA homology in <i>Thermus</i> isolated from hot springs of different geographical areas. <i>Archives of Microbiology</i> , 1995, 164, 7-15.	1.0	6
149	Halotolerant <i>Thermus</i> Strains from Marine and Terrestrial Hot Springs Belong to <i>Thermus thermophilus</i> (ex <i>Oshima</i> and <i>Imahori</i> , 1974) nom. rev. emend.. <i>Systematic and Applied Microbiology</i> , 1995, 17, 526-532.	1.2	55
150	Alterations in total bacteria, iodonitrophenyltetrazolium (INT)-positive bacteria, and heterotrophic plate counts of bottled mineral water. <i>Canadian Journal of Microbiology</i> , 1994, 40, 72-77.	0.8	29
151	Polar lipids and fatty acid composition of <i>Thermus</i> strains from New Zealand. <i>Antonie Van Leeuwenhoek</i> , 1994, 66, 357-363.	0.7	21
152	A membrane-bound HIPIP type center in the thermohalophile <i>Rhodothermus marinus</i> . <i>FEBS Letters</i> , 1994, 352, 327-330.	1.3	35
153	Intracellular polyol accumulation by yeastlike fungi of the genera <i>Geotrichum</i> and <i>Endomyces</i> in response to water stress (NaCl). <i>Canadian Journal of Microbiology</i> , 1993, 39, 868-873.	0.8	12
154	The Polar Lipid and Fatty Acid Composition of <i>Rhodothermus</i> Strains. <i>Systematic and Applied Microbiology</i> , 1992, 15, 59-62.	1.2	18
155	Isolation and Characterization of <i>Rhodothermus</i> Strains from S. Miguel, Azores. <i>Systematic and Applied Microbiology</i> , 1992, 15, 92-97.	1.2	50
156	The Genus <i>Thermus</i> and Related Microorganisms. , 1992, , 3745-3753.		80
157	Polar Lipid and Fatty Acid Composition of Strains of <i>Thermus ruber</i> . <i>Systematic and Applied Microbiology</i> , 1991, 14, 235-239.	1.2	18
158	Polar Lipid and Fatty Acid Composition of Strains of the Genus <i>Thermus</i> . <i>Systematic and Applied Microbiology</i> , 1990, 13, 234-239.	1.2	54
159	Numerical Taxonomy of <i>Thermus</i> Isolates from Hot Springs in Portugal. <i>Systematic and Applied Microbiology</i> , 1989, 12, 310-315.	1.2	85
160	A ³¹ P-NMR study on multilamellar liposomes formed from the lipids of a thermophilic bacterium. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 397-402.	1.0	6
161	The accumulation of polyols by the yeast <i>Debaryomyces hansenii</i> in response to water stress. <i>Canadian Journal of Microbiology</i> , 1985, 31, 1061-1064.	0.8	40
162	Arabitol accumulation in <i>Geotrichum candidum</i> . <i>Archives of Microbiology</i> , 1982, 131, 283-286.	1.0	9

#	ARTICLE	IF	CITATIONS
163	Temporal accumulation of mannitol and arabitol in <i>Geotrichum candidum</i> . Archives of Microbiology, 1980, 126, 57-64.	1.0	12