

Ramon A RossellÀ³-MÃ³ra

List of Publications by Year in descending order

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209
papers

27,495
citations

22153

59
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6131

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224
all docs

224
docs citations

224
times ranked

19804
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar salterns as model systems to study the units of bacterial diversity that matter for ecosystem functioning. <i>Current Opinion in Biotechnology</i> , 2022, 73, 151-157.	6.6	8
2	Judicial Opinions 103â€“111. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	8
3	Toward quantifying the adaptive role of bacterial pangenomes during environmental perturbations. <i>ISME Journal</i> , 2022, 16, 1222-1234.	9.8	13
4	Litter Management Strategies and Their Impact on the Environmental and Respiratory Microbiome Might Influence Health in Poultry. <i>Microorganisms</i> , 2022, 10, 878.	3.6	1
5	Distinct ecotypes within a natural haloarchaeal population enable adaptation to changing environmental conditions without causing population sweeps. <i>ISME Journal</i> , 2021, 15, 1178-1191.	9.8	14
6	Preparing a revision of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	17
7	Emendation of Rules 5b, 8, 15 and 22 of the International Code of Nomenclature of Prokaryotes to include the rank of phylum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	27
8	Public discussion on a proposed revision of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	19
9	Evidence for the existence of a new genus <i>Chlamydiifrater</i> gen. nov. inside the family Chlamydiaceae with two new species isolated from flamingo (<i>Phoenicopterus roseus</i>): <i>Chlamydiifrater phoenicopteri</i> sp. nov. and <i>Chlamydiifrater volucris</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126200.	2.8	24
10	Description of three new <i>Alteromonas</i> species <i>Alteromonas antoniana</i> sp. nov., <i>Alteromonas lipotrueae</i> sp. nov. and <i>Alteromonas lipotrueiana</i> sp. nov. isolated from marine environments, and proposal for reclassification of the genus <i>Salinimonas</i> as <i>Alteromonas</i> . <i>Systematic and Applied Microbiology</i> , 2021, 44, 126226.	2.8	39
11	Ancient saltern metagenomics: tracking changes in microbes and their viruses from the underground to the surface. <i>Environmental Microbiology</i> , 2021, 23, 3477-3498.	3.8	6
12	Release LTP_12_2020, featuring a new ARB alignment and improved 16S rRNA tree for prokaryotic type strains. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126218.	2.8	44
13	Emendation of General Consideration 5 and Rules 18a, 24a and 30 of the International Code of Nomenclature of Prokaryotes to resolve the status of the Cyanobacteria in the prokaryotic nomenclature. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	15
14	Addressing the sublime scale of the microbial world: reconciling an appreciation of microbial diversity with the need to describe species. <i>New Microbes and New Infections</i> , 2021, 43, 100931.	1.6	14
15	Cultivable <i>Winogradskyella</i> species are genomically distinct from the sympatric abundant candidate species. <i>ISME Communications</i> , 2021, 1, .	4.2	10
16	Landscapes and bacterial signatures of mucosa-associated intestinal microbiota in Chilean and Spanish patients with inflammatory bowel disease. <i>Microbial Cell</i> , 2021, 8, 223-238.	3.2	11
17	Inverted microbial community stratification and spatialâ€“temporal stability in hypersaline anaerobic sediments from the Sâ€™Avall solar salterns. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126231.	2.8	5
18	Comparative genome analysis of the genus <i>Hydrotalea</i> and proposal of the novel species <i>Hydrotalea lipotrueae</i> sp. nov., isolated from a groundwater aquifer in the south of Mallorca Island, Spain. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126277.	2.8	7

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19	Profiling the Bladder Microbiota in Patients With Bladder Cancer. <i>Frontiers in Microbiology</i> , 2021, 12, 718776.	3.5	13
20	Taxonomic study of nine new <i>Winogradskyella</i> species occurring in the shallow waters of Helgoland Roads, North Sea. Proposal of <i>Winogradskyella schleiferi</i> sp. nov., <i>Winogradskyella costae</i> sp. nov., <i>Winogradskyella helgolandensis</i> sp. nov., <i>Winogradskyella vidalii</i> sp. nov., <i>Winogradskyella forsetii</i> sp. nov., <i>Winogradskyella ludwigii</i> sp. nov., <i>Winogradskyella ursingii</i> sp. nov., <i>Winogradskyella wichelsiae</i> sp. nov., and <i>Candidatus Winogradskyella atlantica</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126128.	2.8	38
21	Species-Level Analysis of Human Gut Microbiota With Metataxonomics. <i>Frontiers in Microbiology</i> , 2020, 11, 2029.	3.5	50
22	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , 2020, 5, 987-994.	13.3	115
23	Complete mitochondrial genome of the pearly razorfish <i>Xyrichtys novacula</i> : phylogenetic analysis of its placement within the Labridae family. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 644-645.	0.4	2
24	Opinion: Response to concerns about the use of DNA sequences as types in the nomenclature of prokaryotes. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126070.	2.8	8
25	High-throughput cultivation of heterotrophic bacteria during a spring phytoplankton bloom in the North Sea. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126066.	2.8	21
26	Advantages outweigh concerns about using genome sequence as type material for prokaryotic taxonomy. <i>Environmental Microbiology</i> , 2020, 22, 819-822.	3.8	12
27	Ancestry and adaptive radiation of Bacteroidetes as assessed by comparative genomics. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126065.	2.8	17
28	The importance of naturally attenuated SARS-CoV-2 in the fight against COVID-19. <i>Environmental Microbiology</i> , 2020, 22, 1997-2000.	3.8	54
29	Novel Genes Involved in Resistance to Both Ultraviolet Radiation and Perchlorate From the Metagenomes of Hypersaline Environments. <i>Frontiers in Microbiology</i> , 2020, 11, 453.	3.5	10
30	Glycine Betaine and Ectoine Are the Major Compatible Solutes Used by Four Different Halophilic Heterotrophic Ciliates. <i>Microbial Ecology</i> , 2019, 77, 317-331.	2.8	12
31	Dialogue on the nomenclature and classification of prokaryotes. <i>Systematic and Applied Microbiology</i> , 2019, 42, 5-14.	2.8	41
32	Predominance of deterministic microbial community dynamics in salterns exposed to different light intensities. <i>Environmental Microbiology</i> , 2019, 21, 4300-4315.	3.8	20
33	Reflections on the introduction of the Digital Protologue Database – A partial success?. <i>Systematic and Applied Microbiology</i> , 2019, 42, 1-2.	2.8	4
34	Toward unrestricted use of public genomic data. <i>Science</i> , 2019, 363, 350-352.	12.6	45
35	Reflections on the introduction of the Digital Protologue Database – a partial success?. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 141-143.	1.7	5
36	Prokaryotic and viral community of the sulfate-rich crust from Peñahueca ephemeral lake, an astrobiology analogue. <i>Environmental Microbiology</i> , 2019, 21, 3577-3600.	3.8	9

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37	Consent insufficient for data release—Response. <i>Science</i> , 2019, 364, 446-446.	12.6	5
38	First description of two moderately halophilic and psychrotolerant <i>Mycoplasma</i> species isolated from cephalopods and proposal of <i>Mycoplasma marinum</i> sp. nov. and <i>Mycoplasma todarodis</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2019, 42, 457-467.	2.8	22
39	— <i>Candidatus</i> <i>Macondimonas diazotrophica</i> , a novel gammaproteobacterial genus dominating crude-oil-contaminated coastal sediments. <i>ISME Journal</i> , 2019, 13, 2129-2134.	9.8	46
40	Moving the cataloguing of the —uncultivated majority—forward. <i>Systematic and Applied Microbiology</i> , 2019, 42, 3-4.	2.8	3
41	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> , 2018, 68, 1050-1059.	1.7	28
42	Proposal for changes in the International Code of Nomenclature of Prokaryotes: granting priority to <i>Candidatus</i> names. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2174-2175.	1.7	27
43	Genomic comparison between members of the <i>Salinibacteraceae</i> family, and description of a new species of <i>Salinibacter</i> (<i>Salinibacter altiplanensis</i> sp. nov.) isolated from high altitude hypersaline environments of the Argentinian Altiplano. <i>Systematic and Applied Microbiology</i> , 2018, 41, 198-212.	2.8	29
44	Biogeographical patterns of bacterial and archaeal communities from distant hypersaline environments. <i>Systematic and Applied Microbiology</i> , 2018, 41, 139-150.	2.8	39
45	<i>Vibrio</i> communities in scleractinian corals differ according to health status and geographic location in the Mediterranean Sea. <i>Systematic and Applied Microbiology</i> , 2018, 41, 131-138.	2.8	23
46	Reply to the commentary —Uncultivated microbes— in need of their own nomenclature?— <i>ISME Journal</i> , 2018, 12, 653-654.	9.8	8
47	Characterization of ecologically diverse viruses infecting co-occurring strains of cosmopolitan hyperhalophilic — <i>Bacteroidetes</i> —. <i>ISME Journal</i> , 2018, 12, 424-437.	9.8	29
48	Precise Fecal Microbiome of the Herbivorous Tibetan Antelope Inhabiting High-Altitude Alpine Plateau. <i>Frontiers in Microbiology</i> , 2018, 9, 2321.	3.5	33
49	Temperature modulates <i>Fischerella thermalis</i> ecotypes in Porcelana Hot Spring. <i>Systematic and Applied Microbiology</i> , 2018, 41, 531-543.	2.8	32
50	Effect of the natural arsenic gradient on the diversity and arsenic resistance of bacterial communities of the sediments of Camarones River (Atacama Desert, Chile). <i>PLoS ONE</i> , 2018, 13, e0195080.	2.5	16
51	Non-halophilic endophytes associated with the euhalophyte <i>Arthrocnemum macrostachyum</i> and their plant growth promoting activity potential. <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	9
52	The Microbial Genomes Atlas (MiGA) webserver: taxonomic and gene diversity analysis of Archaea and Bacteria at the whole genome level. <i>Nucleic Acids Research</i> , 2018, 46, W282-W288.	14.5	458
53	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.	1.7	136
54	Metataxonomics reveal vultures as a reservoir for <i>Clostridium perfringens</i> . <i>Emerging Microbes and Infections</i> , 2017, 6, 1-8.	6.5	40

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55	Introducing a Digital Protologue: A timely move towards a database-driven systematics of Archaea and Bacteria. <i>Systematic and Applied Microbiology</i> , 2017, 40, 121-122.	2.8	40
56	The low diverse gastric microbiome of the jellyfish <i>Cotylorhiza tuberculata</i> is dominated by four novel taxa. <i>Environmental Microbiology</i> , 2017, 19, 3039-3058.	3.8	62
57	Transition boundaries for protistan species turnover in hypersaline waters of different biogeographic regions. <i>Environmental Microbiology</i> , 2017, 19, 3186-3200.	3.8	27
58	Uncultivated microbes in need of their own taxonomy. <i>ISME Journal</i> , 2017, 11, 2399-2406.	9.8	572
59	Introducing a digital protologue: a timely move towards a database-driven systematics of archaea and bacteria. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 455-456.	1.7	85
60	Distinctive Gut Microbiota Is Associated with Diarrheagenic <i>Escherichia coli</i> Infections in Chilean Children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 424.	3.9	26
61	Genetic Diversity and Virulence Determinants of <i>Escherichia coli</i> Strains Isolated from Patients with Crohn's Disease in Spain and Chile. <i>Frontiers in Microbiology</i> , 2017, 8, 639.	3.5	62
62	Endophytic microbial diversity of the halophyte <i>Arthrocnemum macrostachyum</i> across plant compartments. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw145.	2.7	56
63	Revised phylogeny of Bacteroidetes and proposal of sixteen new taxa and two new combinations including <i>Rhodothermaeaota</i> phyl. nov.. <i>Systematic and Applied Microbiology</i> , 2016, 39, 281-296.	2.8	214
64	After All, Only Millions?. <i>MBio</i> , 2016, 7, .	4.1	38
65	Reply to "The Underestimation of Global Microbial Diversity". <i>MBio</i> , 2016, 7, .	4.1	6
66	Effects of the 2015 heat wave on benthic invertebrates in the Tabarca Marine Protected Area (southeast) Tj ETQq0,0 0 rgBTJ/Overlock	2.5	53
67	Meeting report: GenBank microbial genomic taxonomy workshop (12-13 May, 2015). <i>Standards in Genomic Sciences</i> , 2016, 11, .	1.5	81
68	JSpeciesWS: a web server for prokaryotic species circumscription based on pairwise genome comparison. <i>Bioinformatics</i> , 2016, 32, 929-931.	4.1	2,023
69	<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.	2.8	23
70	<i>Filimonas aurantibacter</i> sp. nov., an orange-pigmented bacterium isolated from lake water and emended description of the genus <i>Filimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4027-4032.	1.7	13
71	Salt resistance genes revealed by functional metagenomics from brines and moderate-salinity rhizosphere within a hypersaline environment. <i>Frontiers in Microbiology</i> , 2015, 6, 1121.	3.5	45
72	Diversity of extremely halophilic cultivable prokaryotes in Mediterranean, Atlantic and Pacific solar salterns: Evidence that unexplored sites constitute sources of cultivable novelty. <i>Systematic and Applied Microbiology</i> , 2015, 38, 266-275.	2.8	46

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73	Classifying the uncultivated microbial majority: A place for metagenomic data in the Candidatus proposal. <i>Systematic and Applied Microbiology</i> , 2015, 38, 223-230.	2.8	61
74	Emendation of the family Chlamydiaceae: Proposal of a single genus, Chlamydia, to include all currently recognized species. <i>Systematic and Applied Microbiology</i> , 2015, 38, 99-103.	2.8	156
75	Past and future species definitions for Bacteria and Archaea. <i>Systematic and Applied Microbiology</i> , 2015, 38, 209-216.	2.8	470
76	Crohn associated microbial communities associated to colonic mucosal biopsies in patients of the western Mediterranean. <i>Systematic and Applied Microbiology</i> , 2015, 38, 442-452.	2.8	37
77	Moderate halophilic bacteria colonizing the phylloplane of halophytes of the subfamily Salicornioideae (Amaranthaceae). <i>Systematic and Applied Microbiology</i> , 2015, 38, 406-416.	2.8	58
78	The effect of oil spills on the bacterial diversity and catabolic function in coastal sediments: a case study on the Prestige oil spill. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15200-15214.	5.3	80
79	Taxonomy in the age of genomics. <i>Systematic and Applied Microbiology</i> , 2015, 38, 207-208.	2.8	12
80	Prokaryotic microbiota in the digestive cavity of the jellyfish <i>Cotylorhiza tuberculata</i> . <i>Systematic and Applied Microbiology</i> , 2015, 38, 494-500.	2.8	21
81	Microbial diversity and dynamics of a groundwater and a still bottled natural mineral water. <i>Environmental Microbiology</i> , 2015, 17, 577-593.	3.8	40
82	From community approaches to single-cell genomics: the discovery of ubiquitous hyperhalophilic <i>Bacteroidetes</i> generalists. <i>ISME Journal</i> , 2015, 9, 16-31.	9.8	51
83	Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4284-4287.	1.7	84
84	<i>Species.</i> , 2015, , 2304-2306.		0
85	Defining Microbial Diversity-the Species Concept for Prokaryotic and Eukaryotic Microorganisms. , 2014, , 29-39.		11
86	Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains. <i>PLoS Biology</i> , 2014, 12, e1001920.	5.6	190
87	Harmonized Phylogenetic Trees for The Prokaryotes. , 2014, , 1-3.		10
88	Evidence for the existence of two new members of the family Chlamydiaceae and proposal of <i>Chlamydia avium</i> sp. nov. and <i>Chlamydia gallinacea</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2014, 37, 79-88.	2.8	154
89	Uniting the classification of cultured and uncultured bacteria and archaea using 16S rRNA gene sequences. <i>Nature Reviews Microbiology</i> , 2014, 12, 635-645.	28.6	2,000
90	Technical note: Comparison of automated ribosomal intergenic spacer analysis and denaturing gradient gel electrophoresis to assess bacterial diversity in the rumen of sheep1. <i>Journal of Animal Science</i> , 2014, 92, 1083-1088.	0.5	10

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91	âœCandidatus Haloectosymbiotes riaformosensisâ€•(Halobacteriaceae), an archaeal ectosymbiont of the hypersaline ciliate <i>Platynematum salinarum</i> . <i>Systematic and Applied Microbiology</i> , 2014, 37, 244-251.	2.8	21
92	ComposiciÃ³n de la comunidad procariota involucrada en la producciÃ³n de nitrÃ³geno en sedimentos de la bahÃa Mejillones. <i>Revista De Biologia Marina Y Oceanografia</i> , 2014, 49, 225-241.	0.2	1
93	The Family Rhodobiaceae. , 2014, , 513-531.		3
94	Species. , 2014, , 1-2.		0
95	Characterization of the anaerobic microbial community in oilâ€polluted subtidal sediments: aromatic biodegradation potential after the <i><i>Prestige</i></i> oil spill. <i>Environmental Microbiology</i> , 2013, 15, 77-92.	3.8	132
96	New insights into the archaeal diversity of a hypersaline microbial mat obtained by a metagenomic approach. <i>Systematic and Applied Microbiology</i> , 2013, 36, 205-214.	2.8	31
97	Description of <i>Bacillus toyonensis</i> sp. nov., a novel species of the <i>Bacillus cereus</i> group, and pairwise genome comparisons of the species of the group by means of ANI calculations. <i>Systematic and Applied Microbiology</i> , 2013, 36, 383-391.	2.8	217
98	<i>Shingobacterium psychroaquaticum</i> sp. nov., a psychrophilic bacterium isolated from Lake Michigan water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 952-958.	1.7	40
99	Sequencing orphan species initiative (SOS): Filling the gaps in the 16S rRNA gene sequence database for all species with validly published names. <i>Systematic and Applied Microbiology</i> , 2013, 36, 69-73.	2.8	98
100	Complete Genome Sequence of <i>Bacillus toyonensis</i> BCT-7112 ^T , the Active Ingredient of the Feed Additive Preparation Toyocerin. <i>Genome Announcements</i> , 2013, 1, .	0.8	30
101	Diversity of Benzylsuccinate Synthase-Like (<i><i>bssA</i></i>) Genes in Hydrocarbon-Polluted Marine Sediments Suggests Substrate-Dependent Clustering. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3667-3676.	3.1	52
102	Metaproteomic insights beyond bacterial response to naphthalene exposure and bio-stimulation. <i>ISME Journal</i> , 2013, 7, 122-136.	9.8	124
103	High Metabolomic Microdiversity within Co-Occurring Isolates of the Extremely Halophilic Bacterium <i>Salinibacter ruber</i> . <i>PLoS ONE</i> , 2013, 8, e64701.	2.5	48
104	All-Species Living Tree Project. , 2013, , 1-11.		0
105	Culture-Independent Approaches for Studying Viruses from Hypersaline Environments. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1635-1643.	3.1	70
106	<i>Mycoplasma neophronis</i> sp. nov., isolated from the upper respiratory tract of Canarian Egyptian vultures (<i>Neophron percnopterus majorensis</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1321-1325.	1.7	13
107	<i>Pseudarcicella hirudinis</i> gen. nov., sp. nov., isolated from the skin of the medical leech <i>Hirudo medicinalis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2247-2251.	1.7	27
108	<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.	2.8	25

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109	<i>Neoscardovia arbecensis</i> gen. nov., sp. nov., isolated from porcine slurries. <i>Systematic and Applied Microbiology</i> , 2012, 35, 374-379.	2.8	19
110	On the fitness of microbial taxonomy. <i>Trends in Microbiology</i> , 2012, 20, 514-516.	7.7	25
111	<i>Sphingomicrobium lutaense</i> gen. nov., sp. nov., isolated from a coastal hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1326-1330.	1.7	29
112	Towards a taxonomy of <i>Bacteria</i> and <i>Archaea</i> based on interactive and cumulative data repositories. <i>Environmental Microbiology</i> , 2012, 14, 318-334.	3.8	64
113	DNA-DNA Hybridization. <i>Methods in Microbiology</i> , 2011, 38, 325-347.	0.8	19
114	Response of sulfate-reducing bacteria to an artificial oil spill in a coastal marine sediment. <i>Environmental Microbiology</i> , 2011, 13, 1488-1499.	3.8	55
115	Metatranscriptomic analysis of extremely halophilic viral communities. <i>ISME Journal</i> , 2011, 5, 1621-1633.	9.8	36
116	Evaluation of matrix-assisted laser desorption ionization-time of flight whole cell profiles for assessing the cultivable diversity of aerobic and moderately halophilic prokaryotes thriving in solar saltern sediments. <i>Systematic and Applied Microbiology</i> , 2011, 34, 69-75.	2.8	47
117	MALDI-TOF MS: A return to phenotyping in microbial identification?. <i>Systematic and Applied Microbiology</i> , 2011, 34, 1.	2.8	13
118	Release LTPs104 of the All-Species Living Tree. <i>Systematic and Applied Microbiology</i> , 2011, 34, 169-170.	2.8	146
119	The genus <i>Allochromatium</i> (Chromatiales Chromatiaceae) revisited: A study on its intragenic structure based on multilocus sequence analysis (MLSA) and DNA-DNA hybridization (DDH). <i>Systematic and Applied Microbiology</i> , 2011, 34, 590-594.	2.8	4
120	Response to adverse conditions in two strains of the extremely halophilic species <i>Salinibacter ruber</i> . <i>Extremophiles</i> , 2011, 15, 379-389.	2.3	22
121	Taxonomic and Functional Metagenomic Profiling of the Microbial Community in the Anoxic Sediment of a Sub-saline Shallow Lake (Laguna de Carrizo, Central Spain). <i>Microbial Ecology</i> , 2011, 62, 824-837.	2.8	51
122	Determination of cobalamins (hydroxo-, cyano-, adenosyl- and methyl-cobalamins) in seawater using reversed-phase liquid chromatography with diode-array detection. <i>Analytica Chimica Acta</i> , 2011, 701, 81-85.	5.4	20
123	From Genomics to Microevolution and Ecology: The Case of <i>Salinibacter ruber</i> . , 2011, , 109-122.		2
124	Evaluation of the use of multilocus sequence analysis (MLSA) to resolve taxonomic conflicts within the genus <i>Marichromatium</i> . <i>Systematic and Applied Microbiology</i> , 2010, 33, 116-121.	2.8	23
125	<i>Pseudomonas arsenicoxydans</i> sp nov., an arsenite-oxidizing strain isolated from the Atacama desert. <i>Systematic and Applied Microbiology</i> , 2010, 33, 193-197.	2.8	54
126	<i>Breoghania corrubedonensis</i> gen. nov. sp. nov., a novel alphaproteobacterium isolated from a Galician beach (NW Spain) after the Prestige fuel oil spill, and emended description of the family <i>Cohaesibacteraceae</i> and the species <i>Cohaesibacter gelatinilyticus</i> . <i>Systematic and Applied Microbiology</i> , 2010, 33, 316-321.	2.8	25

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127	Update of the All-Species Living Tree Project based on 16S and 23S rRNA sequence analyses. <i>Systematic and Applied Microbiology</i> , 2010, 33, 291-299.	2.8	441
128	Bioaugmentation with <i>Pseudomonas</i> sp. strain MHP41 promotes simazine attenuation and bacterial community changes in agricultural soils. <i>FEMS Microbiology Ecology</i> , 2010, 71, 114-126.	2.7	56
129	Bioaugmentation with <i>Pseudomonas</i> sp. strain MHP41 promotes simazine attenuation and bacterial community changes in agricultural soils. <i>FEMS Microbiology Ecology</i> , 2010, 72, 152-152.	2.7	2
130	Fine-scale evolution: genomic, phenotypic and ecological differentiation in two coexisting <i>Salinibacter ruber</i> strains. <i>ISME Journal</i> , 2010, 4, 882-895.	9.8	81
131	<i>Labrys wisconsinensis</i> sp. nov., a budding bacterium isolated from Lake Michigan water, and emended description of the genus <i>Labrys</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1570-1576.	1.7	17
132	Determination of the Diversity of <i>Rhodopirellula</i> Isolates from European Seas by Multilocus Sequence Analysis. <i>Applied and Environmental Microbiology</i> , 2010, 76, 776-785.	3.1	32
133	Notes on the characterization of prokaryote strains for taxonomic purposes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 249-266.	1.7	1,232
134	Extremely halophilic microbial communities in anaerobic sediments from a solar saltern. <i>Environmental Microbiology Reports</i> , 2010, 2, 258-271.	2.4	44
135	Shifting the genomic gold standard for the prokaryotic species definition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19126-19131.	7.1	5,234
136	<i>Lactobacillus oeni</i> sp. nov., from wine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2010-2014.	1.7	31
137	Occurrence of <i>Halococcus</i> spp. in the nostrils salt glands of the seabird <i>Calonectris diomedea</i> . <i>Extremophiles</i> , 2009, 13, 557-565.	2.3	33
138	Automated microextraction sample preparation coupled on-line to FT-ICR-MS: application to desalting and concentration of river and marine dissolved organic matter. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 797-807.	3.7	34
139	Evaluation of the 18S rRNA clone library approach to study the diversity of the macroeukaryotic leaf-epiphytic community of the seagrass <i>Posidonia oceanica</i> (L.) Delile. <i>Marine Biology</i> , 2009, 156, 1963-1976.	1.5	6
140	Combining chip-ESI with APLI (cESILI) as a multimode source for analysis of complex mixtures with ultrahigh-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2803-2809.	3.7	45
141	Application of temperature gradient gel electrophoresis technique to monitor changes in the structure of the eukaryotic leaf-epiphytic community of <i>Posidonia oceanica</i> . <i>Marine Biology</i> , 2008, 155, 451-460.	1.5	2
142	Identification of a bacterial strain isolated from the liver of a laboratory mouse as <i>Microbacterium paraoxydans</i> and emended description of the species <i>Microbacterium paraoxydans</i> Laffineur et al 2003. <i>Indian Journal of Microbiology</i> , 2008, 48, 243-251.	2.7	19
143	Metabolic evidence for biogeographic isolation of the extremophilic bacterium <i>Salinibacter ruber</i> . <i>ISME Journal</i> , 2008, 2, 242-253.	9.8	108
144	The All-Species Living Tree project: A 16S rRNA-based phylogenetic tree of all sequenced type strains. <i>Systematic and Applied Microbiology</i> , 2008, 31, 241-250.	2.8	884

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145	Reclassification of <i>Rhodobium marinum</i> and <i>Rhodobium pfennigii</i> as <i>Afifella marina</i> gen. nov. comb. nov. and <i>Afifella pfennigii</i> comb. nov., a new genus of photoheterotrophic Alphaproteobacteria and emended descriptions of <i>Rhodobium</i> , <i>Rhodobium orientis</i> and <i>Rhodobium gokarnense</i> . <i>Systematic and Applied Microbiology</i> , 2008, 31, 339-351.	2.8	111
146	<i>Lactobacillus uvarum</i> sp. nov. "A new lactic acid bacterium isolated from Spanish Bobal grape must. <i>Systematic and Applied Microbiology</i> , 2008, 31, 425-433.	2.8	26
147	Distribution, abundance and diversity of the extremely halophilic bacterium <i>Salinibacter ruber</i> . <i>Saline Systems</i> , 2008, 4, 15.	2.0	54
148	<i>Undibacterium pigrum</i> gen. nov., sp. nov., isolated from drinking water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1510-1515.	1.7	73
149	Proposal of <i>Viridibacillus</i> gen. nov. and reclassification of <i>Bacillus arvi</i> , <i>Bacillus arenosi</i> and <i>Bacillus neidei</i> as <i>Viridibacillus arvi</i> gen. nov., comb. nov., <i>Viridibacillus arenosi</i> comb. nov. and <i>Viridibacillus neidei</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2729-2737.	1.7	69
150	Metagenomic approach to the study of halophages: the environmental halophage 1. <i>Environmental Microbiology</i> , 2007, 9, 1711-1723.	3.8	59
151	Occurrence of rhizobia in the gut of the higher termite <i>Nasutitermes nigriceps</i> . <i>Systematic and Applied Microbiology</i> , 2007, 30, 68-74.	2.8	23
152	Phylogenetic position of <i>Salinibacter ruber</i> based on concatenated protein alignments. <i>Systematic and Applied Microbiology</i> , 2007, 30, 171-179.	2.8	29
153	Microbial Diversity in Maras Salterns, a Hypersaline Environment in the Peruvian Andes. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3887-3895.	3.1	184
154	A new scope for <i>Systematic and Applied Microbiology</i> . <i>Systematic and Applied Microbiology</i> , 2006, 29, 1-2.	2.8	1
155	<i>Pseudolabrys taiwanensis</i> gen. nov., sp. nov., an alphaproteobacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2469-2472.	1.7	53
156	DNA-DNA Reassociation Methods Applied to Microbial Taxonomy and Their Critical Evaluation. , 2006, , 23-50.		82
157	<i>Salicola marasensis</i> gen. nov., sp. nov., an extremely halophilic bacterium isolated from the Maras solar salterns in Peru. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1685-1691.	1.7	30
158	Description of <i>Pseudochrobactrum</i> gen. nov., with the two species <i>Pseudochrobactrum asaccharolyticum</i> sp. nov. and <i>Pseudochrobactrum saccharolyticum</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1823-1829.	1.7	60
159	<i>Cohnella thermotolerans</i> gen. nov., sp. nov., and classification of "Paenibacillus hongkongensis"™ as <i>Cohnella hongkongensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 781-786.	1.7	182
160	Intraspecific comparative analysis of the species <i>Salinibacter ruber</i> . <i>Extremophiles</i> , 2005, 9, 151-161.	2.3	65
161	<i>Bacillus acidicola</i> sp. nov., a novel mesophilic, acidophilic species isolated from acidic Sphagnum peat bogs in Wisconsin. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2125-2130.	1.7	79
162	Updating Prokaryotic Taxonomy. <i>Journal of Bacteriology</i> , 2005, 187, 6255-6257.	2.2	56

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163	Microbial colonization in the seagrass <i>Posidonia</i> spp. roots. <i>Marine Biology Research</i> , 2005, 1, 388-395.	0.7	14
164	Phylogeny and In Situ Identification of Magnetotactic Bacteria. , 2005, , 45-60.		1
165	<i>Salinibacter Ruber</i> : Genomics and Biogeography. , 2005, , 255-266.		3
166	<i>Paenibacillus favisporus</i> sp. nov., a xylanolytic bacterium isolated from cow faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 59-64.	1.7	65
167	Emended description of the species <i>Lampropedia hyalina</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1709-1715.	1.7	10
168	<i>Parvibaculum lavamentivorans</i> gen. nov., sp. nov., a novel heterotroph that initiates catabolism of linear alkylbenzenesulfonate. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1489-1497.	1.7	81
169	<i>Rhodovarius lipocyclicus</i> gen. nov. sp. nov., a New Genus of the ϵ -1 Subclass of the Proteobacteria. <i>Systematic and Applied Microbiology</i> , 2004, 27, 511-516.	2.8	22
170	The species concept for prokaryotic microorganisms – An obstacle for describing diversity?. <i>Poiesis & Praxis</i> , 2004, 3, 62-72.	0.3	3
171	Red, Extremely Halophilic, but not Archaeal: The Physiology and Ecology of <i>Salinibacter ruber</i> , a Bacterium Isolated from Saltern Crystallizer Ponds. , 2004, , 63-76.		23
172	Substrate uptake in extremely halophilic microbial communities revealed by microautoradiography and fluorescence in situ hybridization. <i>Extremophiles</i> , 2003, 7, 409-413.	2.3	56
173	Opinion: The Species Problem, Can We Achieve a Universal Concept?. <i>Systematic and Applied Microbiology</i> , 2003, 26, 323-326.	2.8	29
174	Phylogeny and distribution of nitrate-storing <i>Beggiatoa</i> spp. in coastal marine sediments. <i>Environmental Microbiology</i> , 2003, 5, 523-533.	3.8	91
175	<i>Staphylococcus nepalensis</i> sp. nov., isolated from goats of the Himalayan region. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 2007-2011.	1.7	48
176	Coexistence of Two Distinct Copies of Naphthalene Degradation Genes in <i>Pseudomonas</i> Strains Isolated from the Western Mediterranean Region. <i>Applied and Environmental Microbiology</i> , 2002, 68, 957-962.	3.1	68
177	<i>Agrococcus baldri</i> sp. nov., isolated from the air in the 'Virgilkapelle' in Vienna. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1211-1216.	1.7	27
178	<i>Salinibacter ruber</i> gen. nov., sp. nov., a novel, extremely halophilic member of the Bacteria from saltern crystallizer ponds.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 485-491.	1.7	401
179	<i>Agrococcus baldri</i> sp. nov., isolated from the air in the 'Virgilkapelle' in Vienna.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1211-1216.	1.7	40
180	Community structure and activity of sulfate-reducing bacteria in an intertidal surface sediment: a multi-method approach. <i>Aquatic Microbial Ecology</i> , 2002, 29, 211-226.	1.8	111

#	ARTICLE	IF	CITATIONS
181	<i>Microbacterium aerolatum</i> sp. nov., isolated from the air in the 'Virgilkapelle' in Vienna. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1229-1234.	1.7	30
182	Report of the ad hoc committee for the re-evaluation of the species definition in bacteriology. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1043-1047.	1.7	964
183	<i>Thermomonas haemolytica</i> gen. nov., sp. nov., a gamma-proteobacterium from kaolin slurry.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 473-483.	1.7	58
184	Report of the ad hoc committee for the re-evaluation of the species definition in bacteriology.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1043-1047.	1.7	971
185	<i>Microbacterium aerolatum</i> sp. nov., isolated from the air in the 'Virgilkapelle' in Vienna.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1229-1234.	1.7	33
186	<i>Thalassospira lucentensis</i> gen. nov., sp. nov., a new marine member of the alpha-Proteobacteria. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1277-1283.	1.7	53
187	Combined Use of 16S Ribosomal DNA and 16S rRNA To Study the Bacterial Community of Polychlorinated Biphenyl-Polluted Soil. Applied and Environmental Microbiology, 2001, 67, 1874-1884.	3.1	276
188	The species concept for prokaryotes. FEMS Microbiology Reviews, 2001, 25, 39-67.	8.6	887
189	The species concept for prokaryotes. FEMS Microbiology Reviews, 2001, 25, 39-67.	8.6	733
190	Microbial Manganese and Sulfate Reduction in Black Sea Shelf Sediments. Applied and Environmental Microbiology, 2000, 66, 2888-2897.	3.1	161
191	Tolerance to Sudden Organic Solvent Shocks by Soil Bacteria and Characterization of <i>Pseudomonas putida</i> Strains Isolated from Toluene Polluted Sites. Environmental Science & Technology, 2000, 34, 3395-3400.	10.0	37
192	Extremely Halophilic Bacteria in Crystallizer Ponds from Solar Salterns. Applied and Environmental Microbiology, 2000, 66, 3052-3057.	3.1	294
193	Anaerobic Oxidation of o -Xylene, m -Xylene, and Homologous Alkylbenzenes by New Types of Sulfate-Reducing Bacteria. Applied and Environmental Microbiology, 1999, 65, 999-1004.	3.1	202
194	Methane formation from long-chain alkanes by anaerobic microorganisms. Nature, 1999, 401, 266-269.	27.8	591
195	Phototrophic utilization of toluene under anoxic conditions by a new strain of <i>Blastochloris sulfoviridis</i> . Archives of Microbiology, 1999, 172, 204-212.	2.2	86
196	Analysis of Genotypic Diversity and Relationships Among <i>Pseudomonas stutzeri</i> strains by PCR-Based Genomic Fingerprinting and Multilocus Enzyme Electrophoresis. Systematic and Applied Microbiology, 1999, 22, 393-402.	2.8	42
197	The Response of the Microbial Community of Marine Sediments to Organic Carbon Input under Anaerobic Conditions. Systematic and Applied Microbiology, 1999, 22, 237-248.	2.8	89
198	Anaerobic Mineralization of Quaternary Carbon Atoms: Isolation of Denitrifying Bacteria on Dimethylmalonate. Applied and Environmental Microbiology, 1999, 65, 3319-3324.	3.1	35

#	ARTICLE	IF	CITATIONS
199	Reclassification of <i>Shewanella putrefaciens</i> Owen's genomic group II as <i>Shewanella baltica</i> sp. nov.. International Journal of Systematic Bacteriology, 1998, 48, 179-186.	2.8	456
200	<i>Pseudoalteromonas antarctica</i> sp. nov., Isolated from an Antarctic Coastal Environment. International Journal of Systematic Bacteriology, 1997, 47, 345-351.	2.8	62
201	16S rRNA Gene Sequence Analysis Relative to Genomovars of <i>Pseudomonas stutzeri</i> and Proposal of <i>Pseudomonas balearica</i> sp. nov.. International Journal of Systematic Bacteriology, 1996, 46, 200-205.	2.8	109
202	<i>Geovibrio ferrireducens</i> , a phylogenetically distinct dissimilatory Fe(III)-reducing bacterium. Archives of Microbiology, 1996, 165, 370-376.	2.2	144
203	Strain M300 Represents a new Genomovar within <i>Pseudomonas stutzeri</i> . Systematic and Applied Microbiology, 1996, 19, 596-599.	2.8	19
204	Comparative Sequence Analysis of 23S rRNA from Proteobacteria. Systematic and Applied Microbiology, 1995, 18, 164-188.	2.8	72
205	<i>Ferrimonas balearica</i> gen. nov., spec. nov., a New Marine Facultative Fe(III)-reducing Bacterium. Systematic and Applied Microbiology, 1995, 18, 196-202.	2.8	62
206	Isolation and Taxonomic Characterization of a Halotolerant, Facultatively Iron-reducing Bacterium. Systematic and Applied Microbiology, 1995, 17, 569-573.	2.8	71
207	Biochemical and chemotaxonomic characterization of <i>Pseudomonas stutzeri</i> genomovars. Journal of Applied Bacteriology, 1994, 76, 226-233.	1.1	34
208	<i>Zoogloea ramigera</i> : A phylogenetically diverse species. FEMS Microbiology Letters, 1993, 114, 129-133.	1.8	8
209	The Least Common Denominator: Species or Operational Taxonomic Units?. , 0, , 117-130.		7