

David R Arahal

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95
papers

3,638
citations

25
h-index

59
g-index

101
ext. papers

4,994
ext. citations

2.6
avg, IF

5.32
L-index

#	Paper	IF	Citations
95	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	2.2	1279
94	Multilocus sequence analysis of the central clade of the genus <i>Vibrio</i> by using the 16S rRNA, recA, pyrH, rpoD, gyrB, rctB and toxR genes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 154-165	2.2	160
93	The Family Rhodobacteraceae 2014 , 439-512		148
92	Phylogeny of the family Halomonadaceae based on 23S and 16S rDNA sequence analyses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002 , 52, 241-249	2.2	124
91	Recommended minimal standards for describing new taxa of the family Halomonadaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2436-2446	2.2	113
90	Emended descriptions of genera of the family Halobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 637-42	2.2	105
89	Proposal of <i>Cobetia marina</i> gen. nov., comb. nov., within the family Halomonadaceae, to include the species <i>Halomonas marina</i> . <i>Systematic and Applied Microbiology</i> , 2002 , 25, 207-11	4.2	102
88	<i>Marinobacter lipolyticus</i> sp. nov., a novel moderate halophile with lipolytic activity. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 1383-1387	2.2	100
87	Phylogenetic analyses of some extremely halophilic archaea isolated from Dead Sea water, determined on the basis of their 16S rRNA sequences. <i>Applied and Environmental Microbiology</i> , 1996 , 62, 3779-86	4.8	92
86	<i>Bacillus marismortui</i> sp. nov., a new moderately halophilic species from the Dead Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999 , 49 Pt 2, 521-30	2.2	88
85	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	4.2	65
84	Moderately halophilic gram-positive bacterial diversity in hypersaline environments. <i>Extremophiles</i> , 1998 , 2, 297-304	3	64
83	<i>Thalassobius mediterraneus</i> gen. nov., sp. nov., and reclassification of <i>Ruegeria gelatinovorans</i> as <i>Thalassobius gelatinovorans</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 2371-2376	2.2	62
82	Phylogenetic relationships within the family Halomonadaceae based on comparative 23S and 16S rRNA gene sequence analysis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 737-748	2.2	55
81	<i>Thalassobacter stenotrophicus</i> gen. nov., sp. nov., a novel marine alpha-proteobacterium isolated from Mediterranean sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 105-110	2.2	54
80	Value of recN sequences for species identification and as a phylogenetic marker within the family "Leuconostocaceae". <i>International Microbiology</i> , 2008 , 11, 33-9	3	49
79	The Family Halomonadaceae 2006 , 811-835		47

78	<i>Haliae mediterranea</i> sp. nov., a marine gammaproteobacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1844-1848	2.2	46
77	<i>Pseudomonas litoralis</i> sp. nov., isolated from Mediterranean seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 438-444	2.2	44
76	<i>Neptuniibacter caesariensis</i> gen. nov., sp. nov., a novel marine genome-sequenced gammaproteobacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1000-1006	2.2	37
75	Moderately Halophilic and Halotolerant Species of <i>Bacillus</i> and Related Genera		36
74	Whole-Genome Analyses: Average Nucleotide Identity. <i>Methods in Microbiology</i> , 2014 , 41, 103-122	2.8	35
73	The role of public biological resource centers in providing a basic infrastructure for microbial research. <i>Research in Microbiology</i> , 2010 , 161, 422-9	4	32
72	Revisiting the genus <i>Photobacterium</i> : taxonomy, ecology and pathogenesis. <i>International Microbiology</i> , 2017 , 20, 1-10	3	30
71	<i>Jannaschia rubra</i> sp. nov., a red-pigmented bacterium isolated from sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 649-653	2.2	28
70	Improving survival and storage stability of bacteria recalcitrant to freeze-drying: a coordinated study by European culture collections. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 3559-71	5.7	24
69	<i>Marinifilum flexuosum</i> sp. nov., a new Bacteroidetes isolated from coastal Mediterranean Sea water and emended description of the genus <i>Marinifilum</i> Na et al., 2009. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 155-9	4.2	24
68	<i>Marinomonas aquamarina</i> sp. nov., isolated from oysters and seawater. <i>Systematic and Applied Microbiology</i> , 2005 , 28, 145-50	4.2	24
67	<i>Vibrio aestivus</i> sp. nov. and <i>Vibrio quintilis</i> sp. nov., related to <i>Marisflavi</i> and <i>Gazogenes</i> clades, respectively. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 427-31	4.2	23
66	<i>Hoeflea alexandrii</i> sp. nov., isolated from the toxic dinoflagellate <i>Alexandrium minutum</i> AL1V. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1991-1995	2.2	23
65	<i>Stappia alba</i> sp. nov., isolated from Mediterranean oysters. <i>Systematic and Applied Microbiology</i> , 2005 , 28, 672-8	4.2	23
64	An MLSA approach for the taxonomic update of the <i>Splendidus</i> clade, a lineage containing several fish and shellfish pathogenic <i>Vibrio</i> spp. <i>Systematic and Applied Microbiology</i> , 2016 , 39, 361-9	4.2	23
63	<i>Nereida ignava</i> gen. nov., sp. nov., a novel aerobic marine alpha-proteobacterium that is closely related to uncultured <i>Prionitis</i> (alga) gall symbionts. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 631-636	2.2	20
62	Multilocus sequence analysis of putative <i>Vibrio mediterranei</i> strains and description of <i>Vibrio thalassae</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2014 , 37, 320-8	4.2	19
61	Genomic Insights Into Five Strains of With Biotechnological Potential Isolated From , a Traditional Maize-Based Fermented Beverage From Northwestern Argentina. <i>Frontiers in Microbiology</i> , 2019 , 10, 2232	5.7	18

60	Thalassobacter stenotrophicus Macian et al. 2005 is a later synonym of Jannaschia cystaugens Adachi et al. 2004, with emended description of the genus Thalassobacter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1959-1963	2.2	17
59	Bermanella marisrubri gen. nov., sp. nov., a genome-sequenced gammaproteobacterium from the Red Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 373-7	2.2	16
58	Photobacterium aphoticum sp. nov., isolated from coastal water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1579-1584	2.2	16
57	Reinekea blandensis sp. nov., a marine, genome-sequenced gammaproteobacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2370-2375	2.2	16
56	Description of Tropicibacter mediterraneus sp. nov. and Tropicibacter litoreus sp. nov. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 325-9	4.2	15
55	Actibacterium mucosum gen. nov., sp. nov., a marine alphaproteobacterium from Mediterranean seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2858-2864	2.2	15
54	Tropicibacter multivorans sp. nov., an aerobic alphaproteobacterium isolated from surface seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 844-848	2.2	15
53	Ruegeria denitrificans sp. nov., a marine bacterium in the family Rhodobacteraceae with the potential ability for cyanophycin synthesis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2515-2522	2.2	15
52	Description of Enterovibrio nigricans sp. nov., reclassification of Vibrio calviensis as Enterovibrio calviensis comb. nov. and emended description of the genus Enterovibrio Thompson et al. 2002. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 698-704	2.2	14
51	Roseovarius albus sp. nov., a new Alphaproteobacterium isolated from the Mediterranean Sea. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 671-8	2.1	13
50	Identification of Beijerinckia fluminensis strains CIP 106281T and UQM 1685T as Rhizobium radiobacter strains, and proposal of Beijerinckia doebereineriae sp. nov. to accommodate Beijerinckia fluminensis LMG 2819. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2323-8	2.2	13
49	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,	2.2	13
48	Comparative Genomics of Including the Description of sp. nov., and sp. nov. <i>Frontiers in Microbiology</i> , 2017 , 8, 2645	5.7	12
47	Lactobacillus sicerae sp. nov., a lactic acid bacterium isolated from Spanish natural cider. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2949-2955	2.2	12
46	The Family Beijerinckiaceae 2014 , 115-133		12
45	The status of the species Pectinatus portalensis Gonzalez et al. 2005. Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1507	2.2	11
44	Preparing a revision of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	11
43	Pseudonocardia hispaniensis sp. nov., a novel actinomycete isolated from industrial wastewater activated sludge. <i>Antonie Van Leeuwenhoek</i> , 2013 , 103, 135-42	2.1	10

42	Taxonomic analysis of extremely halophilic archaea isolated from 56-years-old dead sea brine samples. <i>Systematic and Applied Microbiology</i> , 2000 , 23, 376-85	4.2	10
41	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,	2.2	10
40	<i>Euzebyella saccharophila</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2871-2876	2.2	9
39	Draft genomic sequence of <i>Nereida ignava</i> CECT 5292(T), a marine bacterium of the family Rhodobacteraceae. <i>Standards in Genomic Sciences</i> , 2016 , 11, 21		8
38	In silico evaluation of molecular probes for detection and identification of <i>Ralstonia solanacearum</i> and <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> . <i>Systematic and Applied Microbiology</i> , 2004 , 27, 581-91	4.2	8
37	<i>Vibrio palustris</i> sp. nov. and <i>Vibrio spartinae</i> sp. nov., two novel members of the Gazogenes clade, isolated from salt-marsh plants (<i>Arthrocnemum macrostachyum</i> and <i>Spartina maritima</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3506-3512	2.2	8
36	<i>Photobacterium toruni</i> sp. nov., a bacterium isolated from diseased farmed fish. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4518-4525	2.2	8
35	Multilocus Sequence Analysis of the redefined clade Scopththalmi in the genus <i>Vibrio</i> . <i>Systematic and Applied Microbiology</i> , 2015 , 38, 169-75	4.2	7
34	The status of the species <i>Beijerinckia fluminensis</i> Dobereiner and Ruschel 1958. Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1757-1759	2.2	7
33	<i>Marinomonas blandensis</i> sp. nov., a novel marine gammaproteobacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5544-5549	2.2	7
32	gen. nov., sp. nov., a novel member of the family. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1231-1239	2.2	7
31	<i>Photobacterium malacitanum</i> sp. nov., and <i>Photobacterium andalusiense</i> sp. nov., two new bacteria isolated from diseased farmed fish in Southern Spain. <i>Systematic and Applied Microbiology</i> , 2018 , 41, 444-451	4.2	7
30	Draft genome sequence of <i>Thalassobius gelatinovor</i> us CECT 4357T, a roseobacter with the potential ability to degrade polycyclic aromatic hydrocarbons. <i>Gene Reports</i> , 2017 , 9, 32-36	1.4	6
29	Draft genomes of <i>Nautella italica</i> strains CECT 7645(T) and CECT 7321: Two roseobacters with potential pathogenic and biotechnological traits. <i>Marine Genomics</i> , 2016 , 26, 73-80	1.9	5
28	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteriaceae and Subcommittee on the taxonomy of Halomonadaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2792-2795	2.2	5
27	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 in the prokaryotic nomenclature. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	5
26	Draft genome sequence of <i>Shimia marina</i> CECT 7688(T). <i>Marine Genomics</i> , 2016 , 28, 83-86	1.9	4
25	Draft Genome Sequences of <i>Vibrio renopiscarius</i> Strains CECT 8603T and CECT 8604, Two Marine Gammaproteobacteria Isolated from Cultured Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Genome Announcements</i> , 2015 , 3,		4

24	The Family Halomonadaceae 2014 , 325-360		4
23	<i>Grimontia celer</i> sp. nov., from sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2906-2909	2.2	4
22	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteria and Subcommittee on the taxonomy of Halomonadaceae. Minutes of the joint open meeting, 11 July 2017, Valencia, Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4279-4283	2.2	4
21	Rapid and improved identification of drinking water bacteria using the Drinking Water Library, a dedicated MALDI-TOF MS database. <i>Water Research</i> , 2021 , 203, 117543	12.5	4
20	<i>Vibrio renipiscarius</i> sp. nov., isolated from cultured gilthead sea bream (<i>Sparus aurata</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1941-1945	2.2	3
19	Opinions 100, 101 and 102. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5177-5181	2.2	3
18	Opinions 97, 98 and 99. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1439-1440	2.2	3
17	Random Genome Sequencing of <i>Ralstonia solanacearum</i> Strain IVIA 1602 and Comparative Analysis with Strain GMI1000. <i>Journal of Phytopathology</i> , 2006 , 154, 556-564	1.8	2
16	Genomic Encyclopedia of Bacteria and Archaea (GEBA) VI: learning from type strains. <i>Microbiology Australia</i> , 2019 , 40, 125	0.8	2
15	Whole genome sequences reveal <i>Vibrio hemicentroti</i> Kim et al. 2013 as a later heterotypic synonym of <i>Vibrio splendidus</i> (Beijerinck 1900) Baumann et al. 1981. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1669-1671	2.2	2
14	sp. nov., and reclassification of as comb. nov., and as comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3405-3413	2.2	2
13	Genome-based analyses reveal a synonymy among Zvyagintseva and Tarasov 1989; Oren and Ventosa 1996, Ventosa . 2004, Xu . 2007 and Cui . 2007. Emended description of Zvyagintseva and Tarasov 1989; Oren and Ventosa 1996. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1699-1705	2.2	2
12	Draft genome sequence of <i>Thalassobius mediterraneus</i> CECT 5383(T), a poly-beta-hydroxybutyrate producer. <i>Genomics Data</i> , 2016 , 7, 237-9		2
11	Genome Sequence of <i>Bifidobacterium breve</i> INIA P734 (CECT 8178), a Strain Isolated from Human Breast Milk. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	2
10	sp. nov., isolated from oceans during the oceans expedition, with a preference for mesopelagic waters. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4329-4338	2.2	1
9	<i>Beijerinckia</i> 2016 , 1-18		1
8	Draft genome of <i>Leisingera aquaemixtae</i> CECT 8399(T), a member of the Roseobacter clade isolated from a junction of fresh and ocean water in Jeju Island, South Korea. <i>Genomics Data</i> , 2016 , 7, 233-6		1
7	<i>Pseudidiomarina piscicola</i> sp. nov., isolated from cultured European seabass, <i>Dicentrarchus labrax</i> . <i>Archives of Microbiology</i> , 2021 , 203, 1293-1298	3	1

6	Cobetia1-9			1
5	Roseivivax atlanticus (Li, Lai, Liu, Sun and Shao, 2015) is a later heterotypic synonym of Roseivivax marinus (Dai, Shi, Gao, Liu and Zhang, 2014). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2650-2652		2.2	0
4	Halomonadaceae1-10			0
3	Enterovibrio1-14			
2	Halomonas1-111			
1	Grimontia1-12			