Peter Schumann

List of Publications by Year
in descending order

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509 papers	20,865 citations	13865 67 h-index	32842 100 g-index
533 all docs	533 docs citations	533 times ranked	12150 citing authors

#	Article	IF	Citations
1	Georgenia ruanii sp. nov., a novel actinobacterium isolated from forest soil in Yunnan (China), and emended description of the genus Georgenia. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1424-1428.	1.7	770
2	Peptidoglycan Structure. Methods in Microbiology, 2011, 38, 101-129.	0.8	470
3	Relationship of Bacillus amyloliquefaciens clades associated with strains DSM 7T and FZB42T: a proposal for Bacillus amyloliquefaciens subsp. amyloliquefaciens subsp. nov. and Bacillus amyloliquefaciens subsp. plantarum subsp. nov. based on complete genome sequence comparisons. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1786-1801.	1.7	265
4	Gracilibacillus gen. nov., with description of Gracilibacillus halotolerans gen. nov., sp. nov.; transfer of Bacillus dipsosauri to Gracilibacillus dipsosauri comb. nov., and Bacillus salexigens to the genus Salibacillus gen. nov., as Salibacillus salexigens comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 821-831.	1.7	231
5	Aurantimonas coralicida gen. nov., sp. nov., the causative agent of white plague type II on Caribbean scleractinian corals. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1115-1122.	1.7	210
6	Development and Evaluation of a Quality-Controlled Ribosomal Sequence Database for 16S Ribosomal DNA-Based Identification of Staphylococcus Species. Journal of Clinical Microbiology, 2004, 42, 4988-4995.	3.9	205
7	Roseovarius tolerans gen. nov., sp. nov., a budding bacterium with variable bacteriochlorophyll a production from hypersaline Ekho Lake. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 137-147.	1.7	194
8	Chryseobacterium hispalense sp. nov., a plant-growth-promoting bacterium isolated from a rainwater pond in an olive plant nursery, and emended descriptions of Chryseobacterium defluvii, Chryseobacterium indologenes, Chryseobacterium wanjuense and Chryseobacterium gregarium. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4386-4395.	1.7	187
9	Characterization of the first cultured representative of Verrucomicrobia subdivision 5 indicates the proposal of a novel phylum. ISME Journal, 2016, 10, 2801-2816.	9.8	173
10	Gaiella occulta gen. nov., sp. nov., a novel representative of a deep branching phylogenetic lineage within the class Actinobacteria and proposal of Gaiellaceae fam. nov. and Gaiellales ord. nov.. Systematic and Applied Microbiology, 2011, 34, 595-599.	2.8	167
11	Sequencing and Staphylococci Identification. Emerging Infectious Diseases, 2006, 12, 333-336.	4.3	158
12	New Lineage of Filamentous, Spore-Forming, Gram-Positive Bacteria from Soil. Applied and Environmental Microbiology, 2006, 72, 4360-4369.	3.1	154
13	Planctomycetes do possess a peptidoglycan cell wall. Nature Communications, 2015, 6, 7116.	12.8	149
14	Actinomycetes in Karstic caves of northern Spain (Altamira and Tito Bustillo). Journal of Microbiological Methods, 1999, 36, 115-122.	1.6	145
15	Comparative chemotaxonomic and phylogenetic studies on the genus Arcanobacterium Collins et al. 1982 emend. Lehnen et al. 2006: proposal for Trueperella gen. nov. and emended description of the genus Arcanobacterium. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1265-1274.	1.7	145
16	Deinococcus frigens sp. nov., Deinococcus saxicola sp. nov., and Deinococcus marmoris sp. nov., Low Temperature and Draught-tolerating, UV-resistant Bacteria from Continental Antarctica. Systematic and Applied Microbiology, 2004, 27, 636-645.	2.8	143
17	Psychrophilic pseudomonads from Antarctica: Pseudomonas antarctica sp. nov., Pseudomonas meridiana sp. nov. and Pseudomonas proteolytica sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 713-719.	1.7	132
18	Toxin-Producing Ability among Bacillus spp. Outside the Bacillus cereus Group. Applied and Environmental Microbiology, 2005, 71, 1178-1183.	3.1	130

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19	Wohlfahrtiimonas chitiniclastica gen. nov., sp. nov., a new gammaproteobacterium isolated from Wohlfahrtia magnifica (Diptera: Sarcophagidae). International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 976-981.	1.7	126
20	Kocuria palustris sp. nov. and Kocuria rhizophila sp. nov., isolated from the rhizoplane of the narrow-leaved cattail (Typha angustifolia). International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 167-173.	1.7	123
21	Pedobacter cryoconitis sp. nov., a facultative psychrophile from alpine glacier cryoconite. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1291-1296.	1.7	122
22	Conexibacter woesei gen. nov., sp. nov., a novel representative of a deep evolutionary line of descent within the class Actinobacteria. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 569-576.	1.7	115
23	Microbacterium oleivorans sp. nov. and Microbacterium hydrocarbonoxydans sp. nov., novel crude-oil-degrading Gram-positive bacteria. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 655-660.	1.7	112
24	Micromonospora lupini sp. nov. and Micromonospora saelicesensis sp. nov., isolated from root nodules of Lupinus angustifolius. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2799-2804.	1.7	108
25	Fluorescent pseudomonads associated with the phyllosphere of grasses; Pseudomonas trivialis sp. nov., Pseudomonas poae sp. nov. and Pseudomonas congelans sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1461-1469.	1.7	106
26	Desulfosporosinus lacus sp. nov., a sulfate-reducing bacterium isolated from pristine freshwater lake sediments. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2729-2736.	1.7	105
27	Genome-Scale Data Call for a Taxonomic Rearrangement of Geodermatophilaceae. Frontiers in Microbiology, 2017, 8, 2501.	3.5	105
28	Diversity of grass-associated Microbacteriaceae isolated from the phyllosphere and litter layer after mulching the sward; polyphasic characterization of Subtercola pratensis sp. nov., Curtobacterium herbarum sp. nov. and Plantibacter flavus gen. nov., sp. nov. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1441-1454.	1.7	101
29	Three New Antibiotic Producing Species of the Genus Amycolatopsis, Amycolatopsis balhimycina sp. nov., A. tolypomycina sp. nov., A. vancoresmycina sp. nov., and Description of Amycolatopsis keratiniphila subsp. keratiniphila subsp. nov. and A. keratiniphila subsp. nogabecina subsp. nov.. Systematic and Applied Microbiology, 2003, 26, 38-46.	2.8	100
30	Borrelia burgdorferipeptidoglycan is a persistent antigen in patients with Lyme arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13498-13507.	7.1	97
31	Providencia vermicola sp. nov., isolated from infective juveniles of the entomopathogenic nematode Steinernema thermophilum. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 629-633.	1.7	95
32	Six novel Arthrobacter species isolated from deteriorated mural paintings. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1457-1464.	1.7	94
33	Micromonospora coriariae sp. nov., isolated from root nodules of Coriaria myrtifolia. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2381-2385.	1.7	94
34	Geomicrobiological Study of the Grotta dei Cervi, Porto Badisco, Italy. Geomicrobiology Journal, 2001, 18, 241-258.	2.0	93
35	Thermodesulfatator indicus gen. nov., sp. nov., a novel thermophilic chemolithoautotrophic sulfate-reducing bacterium isolated from the Central Indian Ridge. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 227-233.	1.7	91
36	Demequina aestuarii gen. nov., sp. nov., a novel actinomycete of the suborder Micrococcineae, and reclassification of Cellulomonas fermentans Bagnara et al. 1985 as Actinotalea fermentans gen. nov., comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 151-156.	1.7	90

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37	The Peptidoglycan Sacculus of Myxococcus xanthus Has Unusual Structural Features and Is Degraded during Glycerol-Induced Myxospore Development. Journal of Bacteriology, 2009, 191, 494-505.	2.2	89
38	Chryseobacterium oleae sp. nov., an efficient plant growth promoting bacterium in the rooting induction of olive tree (Olea europaea L.) cuttings and emended descriptions of the genus Chryseobacterium, C. daecheongense, C. gambrini, C. gleum, C. joostei, C. jejuense, C. luteum, C. shigense, C. taiwanense, C. ureilyticum and C. vrystaatense. Systematic and Applied Microbiology, 2014, 37, 342-350.	2.8	89
39	Malikia granosa gen. nov., sp. nov., a novel polyhydroxyalkanoate- and polyphosphate-accumulating bacterium isolated from activated sludge, and reclassification of Pseudomonas spinosa as Malikia spinosa comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 621-629.	1.7	88
40	Genome-scale data suggest reclassifications in the Leisingera-Phaeobacter cluster including proposals for Sedimentitalea gen. nov. and Pseudophaeobacter gen. nov.. Frontiers in Microbiology, 2014, 5, 416.	3.5	88
41	Caminibacter profundus sp. nov., a novel thermophile of Nautiliales ord. nov. within the class â€˜Epsilonproteobacteriaâ€™, isolated from a deep-sea hydrothermal vent. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 41-45.	1.7	86
42	Rhizobium pusense sp. nov., isolated from the rhizosphere of chickpea (Cicer arietinum L.). International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2632-2639.	1.7	86
43	Serinicoccus marinus gen. nov., sp. nov., a novel actinomycete with l-ornithine and l-serine in the peptidoglycan. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1585-1589.	1.7	84
44	Cryptoendolithic Actinomycetes from Antarctic Sandstone Rock Samples: Micromonospora endolithica sp. nov. and two Isolates Related to Micromonospora coerulea Jensen 1932. Systematic and Applied Microbiology, 2004, 27, 166-174.	2.8	84
45	Erysipelothrix inopinata sp. nov., isolated in the course of sterile filtration of vegetable peptone broth, and description of Erysipelotrichaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 221-225.	1.7	84
46	Emended descriptions of the genus Micrococcus, Micrococcus luteus (Cohn 1872) and Micrococcus lylae (Kloos et al. 1974).. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 629-637.	1.7	83
47	New LL-diaminopimelic Acid-containing Actinomycetes from Hypersaline, Heliothermal and Meromictic Antarctic Ekho Lake: Nocardioides aquaticus sp. nov. and Friedmannielly lacustris sp. nov.. Systematic and Applied Microbiology, 2000, 23, 219-229.	2.8	82
48	Arthrobacter psychrophenolicus sp. nov., isolated from an alpine ice cave. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2067-2072.	1.7	81
49	Description of four novel species of Xenorhabdus, family Enterobacteriaceae: Xenorhabdus budapestensis sp. nov., Xenorhabdus ehlersii sp. nov., Xenorhabdus innexi sp. nov., and Xenorhabdus szentirmaii sp. nov.. Systematic and Applied Microbiology, 2005, 28, 115-122.	2.8	81
50	Marinobacter bryozoorum sp. nov. and Marinobacter sediminum sp. nov., novel bacteria from the marine environment. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 143-148.	1.7	81
51	Gordonia alkanivorans sp. nov., isolated from tar-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1513-1522.	1.7	80
52	Enzymes of dimethylsulfone metabolism and the phylogenetic characterization of the facultative methylotrophs Arthrobacter sulfonivorans sp. nov., Arthrobacter methylotrophus sp. nov., and Hyphomicrobium sulfonivorans sp. nov. Archives of Microbiology, 2002, 177, 173-183.	2.2	80
53	Chryseobacterium daecheongense sp. nov., isolated from freshwater lake sediment. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 133-138.	1.7	80
54	Emended description of the genus Trichococcus, description of Trichococcus collinsii sp. nov., and reclassification of Lactosphaera pasteurii as Trichococcus pasteurii comb. nov. and of Ruminococcus palustris as Trichococcus palustris comb. nov. in the low-G+C Gram-positive bacteria. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1113-1126.	1.7	79

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55	Metallibacterium scheffleri gen. nov., sp. nov., an alkalinizing gammaproteobacterium isolated from an acidic biofilm. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1499-1504.	1.7	79
56	Knoellia sinensis gen. nov., sp. nov. and Knoellia subterranea sp. nov., two novel actinobacteria isolated from a cave.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 77-84.	1.7	79
57	Oceanithermus profundus gen. nov., sp. nov., a thermophilic, microaerophilic, facultatively chemolithoheterotrophic bacterium from a deep-sea hydrothermal vent. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 747-752.	1.7	76
58	Halobacillus karajensis sp. nov., a novel moderate halophile. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1059-1063.	1.7	76
59	A taxonomic study of bacteria isolated from grasses: a proposed new species Pseudomonas graminis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 297-308.	1.7	75
60	Three Novel Species with Peptidoglycan Cell Walls form the New Genus Lacunisphaera gen. nov. in the Family Opitutaceae of the Verrucomicrobial Subdivision 4. Frontiers in Microbiology, 2017, 8, 202.	3.5	75
61	Exiguobacterium undae sp. nov. and Exiguobacterium antarcticum sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1171-1176.	1.7	74
62	Eight new species of the genus Micromonospora, Micromonospora citrea sp. nov., Micromonospora echinaurantiaca sp. nov., Micromonospora echinofusca sp. nov. Micromonospora fulviviridis sp. nov., Micromonospora inyonensis sp. nov., Micromonospora peucetia sp. nov., Micromonospora sagamiensis sp. nov., and Micromonospora viridifaciens sp. nov.. Systematic and Applied Microbiology, 2005, 28, 328-339.	2.8	73
63	Paenibacillus barcinonensis sp. nov., a xylanase-producing bacterium isolated from a rice field in the Ebro River delta. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 935-939.	1.7	72
64	Ochrobactrum ciceri sp. nov., isolated from nodules of Cicer arietinum. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1548-1553.	1.7	72
65	Kocuria aegyptia sp. nov., a novel actinobacterium isolated from a saline, alkaline desert soil in Egypt. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 733-737.	1.7	72
66	Ornithinicoccus hortensis gen. nov., sp. nov., a soil actinomycete which contains L-ornithine. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1717-1724.	1.7	71
67	Evidence for high affinity nickel transporter genes in heavy metal resistantStreptomyces spec.. Journal of Basic Microbiology, 2000, 40, 295-301.	3.3	71
68	Catenulispora acidiphila gen. nov., sp. nov., a novel, mycelium-forming actinomycete, and proposal of Catenulisporaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1741-1746.	1.7	71
69	Beutenbergia cavernae gen. nov., sp. nov., an L-lysine-containing actinomycete isolated from a cave. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1733-1740.	1.7	70
70	Proposed minimal standards for describing new genera and species of the suborder Micrococcineae. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1823-1849.	1.7	70
71	Proposal of Viridibacillus gen. nov. and reclassification of Bacillus arvi, Bacillus arenosi and Bacillus neidei as Viridibacillus arvi gen. nov., comb. nov., Viridibacillus arenosi comb. nov. and Viridibacillus neidei comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2729-2737.	1.7	69
72	Bifidobacterium reuteri sp. nov., Bifidobacterium callitrichos sp. nov., Bifidobacterium saguini sp. nov., Bifidobacterium stellenboschense sp. nov. and Bifidobacterium biavatii sp. nov. isolated from faeces of common marmoset (Callithrix jacchus) and red-handed tamarin (Saguinus midas). Systematic and Applied Microbiology, 2012, 35, 92-97.	2.8	69

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73	Nesterenkonia halotolerans sp. nov. and Nesterenkonia xinjiangensis sp. nov., actinobacteria from saline soils in the west of China. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 837-841.	1.7	68
74	Characterization of heterotrophic nitrifying bacteria with respiratory ammonification and denitrification activity â€“ Description of Paenibacillus uliginis sp. nov., an inhabitant of fen peat soil and Paenibacillus purispatii sp. nov., isolated from a spacecraft assembly clean room. Systematic and Applied Microbiology, 2010, 33, 328-336.	2.8	68
75	Proposal of a type strain for Frankia alni (Woronin 1866) Von Tubeuf 1895, emended description of Frankia alni, and recognition of Frankia casuarinae sp. nov. and Frankia elaeagni sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5201-5210.	1.7	68
76	Bacillus silvestris sp. nov., a new member of the genus Bacillus that contains lysine in its cell wall. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 795-802.	1.7	67
77	Reclassification of Cellulosimicrobium variabile Bakalidou et al. 2002 as Isoptericola variabilis gen. nov., comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 685-688.	1.7	67
78	Psychrobacter submarinus sp. nov. and Psychrobacter marincola sp. nov., psychrophilic halophiles from marine environments.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1291-1297.	1.7	67
79	Micromonospora mirobrigensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 877-880.	1.7	66
80	Nocardioides oleivorans sp. nov., a novel crude-oil-degrading bacterium. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1501-1504.	1.7	66
81	Psychrobacter vallis sp. nov. and Psychrobacter aquaticus sp. nov., from Antarctica. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 757-762.	1.7	66
82	Road map of the phylum Actinobacteria. , 2012, , 1-28.		65
83	Description and Comparative Genomics of Macrococcus caseolyticus subsp. hominis subsp. nov., Macrococcus goetzii sp. nov., Macrococcus epidermidis sp. nov., and Macrococcus bohemicus sp. nov., Novel Macrococci From Human Clinical Material With Virulence Potential and Suspected Uptake of Foreign DNA by Natural Transformation. Frontiers in Microbiology, 2018, 9, 1178.	3.5	65
84	Pseudomonas moraviensis sp. nov. and Pseudomonas vranovensis sp. nov., soil bacteria isolated on nitroaromatic compounds, and emended description of Pseudomonas asplenii. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2657-2663.	1.7	64
85	Reclassification of Actinobaculum suis (Hafez et al. 1997) Yassin et al. 2008 and Actinobaculum schaalii Lawson et al. 1997 and Actinobaculum urinale Hall et al. 2003 as Actinotignum schaalii gen. nov., comb. nov. and Actinotignum urinale comb. nov., description of Actinotignum sanguinis sp. nov. and emended descriptions of the genus Actinobaculum and Actinobaculum suis; and re-examination of the culture deposited as Actinobaculum massiliense CCUG 47753T (â€Š=â€ŠDSM 19118T), revealing that it does not represent a strain of this species. International Journal of Systematic and Evolutionary Microbiology,	1.7	64
86	Blastococcus saxobsidens sp. nov., and emended descriptions of the genus Blastococcus Ahrens and Moll 1970 and Blastococcus aggregatus Ahrens and Moll 1970. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 253-259.	1.7	62
87	Desulfurobacterium atlanticum sp. nov., Desulfurobacterium pacificum sp. nov. and Thermovibrio guaymasensis sp. nov., three thermophilic members of the Desulfurobacteriaceae fam. nov., a deep branching lineage within the Bacteria. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2843-2852.	1.7	61
88	Microbiology of the 'G-bacteria' in activated sludge. Minireview. Environmental Microbiology, 2000, 2, 581-593.	3.8	60
89	Psychrobacter submarinus sp. nov. and Psychrobacter marincola sp. nov., psychrophilic halophiles from marine environments. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1291-1297.	1.7	60
90	Exiguobacterium mexicanum sp. nov. and Exiguobacterium artemiae sp. nov., isolated from the brine shrimp Artemia franciscana. Systematic and Applied Microbiology, 2006, 29, 183-190.	2.8	59

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91	Flavobacterium rivuli sp. nov., Flavobacterium subsaxonicum sp. nov., Flavobacterium swingsii sp. nov. and Flavobacterium reichenbachii sp. nov., isolated from a hard water rivulet. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2610-2617.	1.7	59
92	Leucobacter chironomi sp. nov., a chromate-resistant bacterium isolated from a chironomid egg mass. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 665-670.	1.7	59
93	Vulcanithermus mediatlanticus gen. nov., sp. nov., a novel member of the family Thermaceae from a deep-sea hot vent. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1143-1148.	1.7	58
94	Geodermatophilus arenarius sp. nov., a xerophilic actinomycete isolated from Saharan desert sand in Chad. Extremophiles, 2012, 16, 903-909.	2.3	58
95	Leuconostoc ficulneum sp. nov., a novel lactic acid bacterium isolated from a ripe fig, and reclassification of Lactobacillus fructosus as Leuconostoc fructosum comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 647-655.	1.7	57
96	Agrococcus citreus sp. nov., isolated from a medieval wall painting of the chapel of Castle Herberstein (Austria). International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1165-1170.	1.7	56
97	Isolates of â€˜Candidatus Nostocoida limicolaâ€™ Blackall et al. 2000 should be described as three novel species of the genus Tetrasphaera, as Tetrasphaera jenkinsii sp. nov., Tetrasphaera vanveenii sp. nov. and Tetrasphaera veronensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2279-2290.	1.7	56
98	MALDI-TOF Mass Spectrometry Applied to Classification and Identification of Bacteria. Methods in Microbiology, 2014, , 275-306.	0.8	56
99	Methanocaldococcus indicus sp. nov., a novel hyperthermophilic methanogen isolated from the Central Indian Ridge. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1931-1935.	1.7	55
100	Paracoccus seriniphilus sp. nov., an l-serine-dehydratase-producing coccus isolated from the marine bryozoan Bugula plumosa. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 443-447.	1.7	55
101	Pannonibacter phragmitetus gen. nov., sp. nov., a novel alkalitolerant bacterium isolated from decomposing reed rhizomes in a Hungarian soda lake. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 555-561.	1.7	55
102	Description of Paenisporosarcina quisquiliarum gen. nov., sp. nov., and reclassification of Sporosarcina macmurdoensis Reddy et al. 2003 as Paenisporosarcina macmurdoensis comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1364-1370.	1.7	55
103	Isoptericola halotolerans sp. nov., a novel actinobacterium isolated from saline soil from Qinghai Province, north-west China. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1867-1870.	1.7	54
104	Desulfotomaculum thermosubterraneum sp. nov., a thermophilic sulfate-reducer isolated from an underground mine located in a geothermally active area. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2603-2608.	1.7	54
105	Reclassification of Desulfotomaculum auripigmentum as Desulfosporosinus auripigmenti corrig., comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1439-1443.	1.7	53
106	Vulcanibacillus modesticaldus gen. nov., sp. nov., a strictly anaerobic, nitrate-reducing bacterium from deep-sea hydrothermal vents. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1047-1053.	1.7	53
107	Actinospica robiniae gen. nov., sp. nov. and Actinospica acidiphila sp. nov.: proposal for Actinospicaceae fam. nov. and Catenulisporinae subord. nov. in the order Actinomycetales. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1747-1753.	1.7	53
108	Reclassification of Brevibacterium oxydans (Chatelain and Second 1966) as Microbacterium oxydans comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 175-177.	1.7	52

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109	Kytococcus schroeteri sp. nov., a novel Gram-positive actinobacterium isolated from a human clinical source. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1609-1614.	1.7	52
110	Rubritepida flocculans gen. nov., sp. nov., a New Slightly Thermophilic Member of the Î±-1 Subclass of the Proteobacteria. Systematic and Applied Microbiology, 2002, 25, 198-206.	2.8	52
111	Arsenicicoccus bolidensis gen. nov., sp. nov., a novel actinomycete isolated from contaminated lake sediment. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 605-608.	1.7	52
112	Reinekea marinisedimentorum gen. nov., sp. nov., a novel gammaproteobacterium from marine coastal sediments. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 669-673.	1.7	52
113	Kribbella lupini sp. nov., isolated from the roots of Lupinus angustifolius. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 407-411.	1.7	52
114	Yonghaparkia alkaliphila gen. nov., sp. nov., a novel member of the family Microbacteriaceae isolated from an alkaline soil. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2415-2420.	1.7	52
115	Salinivibrio proteolyticus sp. nov., a moderately halophilic and proteolytic species from a hypersaline lake in Iran. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1159-1163.	1.7	52
116	Chryseobacterium hungaricum sp. nov., isolated from hydrocarbon-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2748-2754.	1.7	52
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