

Stefan Spring

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/596751/publications.pdf>

Version: 2024-02-01

144
papers

8,494
citations

46918

47
h-index

54797

84
g-index

158
all docs

158
docs citations

158
times ranked

8161
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the energy metabolism and taxonomy of <i>Deferribacteres</i> revealed by the characterization of a new isolate from a hypersaline microbial mat. <i>Environmental Microbiology</i> , 2022, 24, 2543-2575.	1.8	26
2	<i>Desulfolutivibrio sulfoxidireducens</i> gen. nov., sp. nov., isolated from a pyrite-forming enrichment culture and reclassification of <i>Desulfovibrio sulfodismutans</i> as <i>Desulfolutivibrio sulfodismutans</i> comb. nov. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126105.	1.2	26
3	<i>Anaerohalosphaera lusitana</i> gen. nov., sp. nov., and <i>Limihaloglobus sulfuriphilus</i> gen. nov., sp. nov., isolated from solar saltern sediments, and proposal of <i>Anaerohalosphaeraceae</i> fam. nov. within the order <i>Sedimentisphaerales</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1321-1330.	0.8	36
4	Description of <i>Oceanispirochaeta crateris</i> sp. nov. and reclassification of <i>Spirochaeta perfilievii</i> as <i>Thiospirochaeta perfilievii</i> gen. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6373-6380.	0.8	14
5	Sulfate-Reducing Bacteria That Produce Exopolymers Thrive in the Calcifying Zone of a Hypersaline Cyanobacterial Mat. <i>Frontiers in Microbiology</i> , 2019, 10, 862.	1.5	54
6	Valid publication of the names <i>Caecibacterium</i> and <i>Caecibacterium sporiformans</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 452-453.	0.8	6
7	Genome biology of a novel lineage of planctomycetes widespread in anoxic aquatic environments. <i>Environmental Microbiology</i> , 2018, 20, 2438-2455.	1.8	57
8	Characterization of the first cultured representative of a <i>Bacteroidetes</i> clade specialized on the scavenging of cyanobacteria. <i>Environmental Microbiology</i> , 2017, 19, 1134-1148.	1.8	50
9	Genomic Analysis of <i>Caldithrix abyssi</i> , the Thermophilic Anaerobic Bacterium of the Novel Bacterial Phylum <i>Calditrichaeota</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 195.	1.5	66
10	Three Novel Species with Peptidoglycan Cell Walls form the New Genus <i>Lacunisphaera</i> gen. nov. in the Family <i>Opiritaceae</i> of the <i>Verrucomicrobia</i> Subdivision 4. <i>Frontiers in Microbiology</i> , 2017, 8, 202.	1.5	75
11	Characterization of the first cultured representative of <i>Verrucomicrobia</i> subdivision 5 indicates the proposal of a novel phylum. <i>ISME Journal</i> , 2016, 10, 2801-2816.	4.4	173
12	Genome sequence of the <i>Roseovarius mucosus</i> type strain (DSM 17069T), a bacteriochlorophyll <i>a</i> -containing representative of the marine <i>Roseobacter</i> group isolated from the dinoflagellate <i>Alexandrium ostenfeldii</i> . <i>Standards in Genomic Sciences</i> , 2015, 10, 17.	1.5	12
13	Complete genome sequence and description of <i>Salinispira pacifica</i> gen. nov., sp. nov., a novel spirochaete isolated from a hypersaline microbial mat. <i>Standards in Genomic Sciences</i> , 2015, 10, 7.	1.5	38
14	High quality draft genome sequence and analysis of <i>Pontibacter roseus</i> type strain SRC-1T (DSM 17521T) isolated from muddy waters of a drainage system in Chandigarh, India. <i>Standards in Genomic Sciences</i> , 2015, 10, 8.	1.5	6
15	A taxonomic framework for emerging groups of ecologically important marine gammaproteobacteria based on the reconstruction of evolutionary relationships using genome-scale data. <i>Frontiers in Microbiology</i> , 2015, 6, 281.	1.5	168
16	<i>Caldisalibacter kiritimatiensis</i> gen. nov., sp. nov., a Moderately Thermohalophilic Thiosulfate-Reducing Bacterium from a Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , 2015, 32, 347-354.	1.0	12
17	Planctomycetes do possess a peptidoglycan cell wall. <i>Nature Communications</i> , 2015, 6, 7116.	5.8	149
18	High Diversity of Culturable Prokaryotes in a Lithifying Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , 2015, 32, 332-346.	1.0	46

#	ARTICLE	IF	CITATIONS
19	Genome Sequence of Gammaproteobacterial <i>Pseudohalaea rubra</i> Type Strain DSM 19751, Isolated from Coastal Seawater of the Mediterranean Sea. <i>Genome Announcements</i> , 2014, 2, .	0.8	3
20	Function and Evolution of the Sox Multienzyme Complex in the Marine Gammaproteobacterium <i>Congregibacter litoralis</i> . , 2014, 2014, 1-11.		11
21	Genome sequence of the <i>Thermotoga thermarum</i> type strain (LA3T) from an African solfataric spring. <i>Standards in Genomic Sciences</i> , 2014, 9, 1105-1117.	1.5	7
22	Genome analyses of the carboxydrotrophic sulfate-reducers <i>Desulfotomaculum nigrificans</i> and <i>Desulfotomaculum carboxydvorans</i> and reclassification of <i>Desulfotomaculum carboxydvorans</i> as a later synonym of <i>Desulfotomaculum nigrificans</i> . <i>Standards in Genomic Sciences</i> , 2014, 9, 655-675.	1.5	25
23	Genome sequence of the exopolysaccharide-producing <i>Salipiger mucosus</i> type strain (DSM 16094T), a moderately halophilic member of the <i>Roseobacter</i> clade. <i>Standards in Genomic Sciences</i> , 2014, 9, 1333-1345.	1.5	11
24	Genome sequence of the mud-dwelling archaeon <i>Methanoplanus limicola</i> type strain (DSM 2279T), reclassification of <i>Methanoplanus petrolearius</i> as <i>Methanolacinia petrolearia</i> and emended descriptions of the genera <i>Methanoplanus</i> and <i>Methanolacinia</i> . <i>Standards in Genomic Sciences</i> , 2014, 9, 1076-1088.	1.5	22
25	Genome analysis of <i>Desulfotomaculum gibsoniae</i> strain GrollT a highly versatile Gram-positive sulfate-reducing bacterium. <i>Standards in Genomic Sciences</i> , 2014, 9, 821-839.	1.5	27
26	Genome sequence of the <i>Wenxinia marina</i> type strain (DSM 24838T), a representative of the <i>Roseobacter</i> group isolated from oilfield sediments. <i>Standards in Genomic Sciences</i> , 2014, 9, 855-865.	1.5	3
27	Genome sequence of the pink to light reddish-pigmented <i>Rubellimicrobium mesophilum</i> type strain (DSM 19309T), a representative of the <i>Roseobacter</i> group isolated from soil, and emended description of the species. <i>Standards in Genomic Sciences</i> , 2014, 9, 902-913.	1.5	12
28	Taxonomy and evolution of bacteriochlorophyll a-containing members of the OM60/NOR5 clade of marine gammaproteobacteria: description of <i>Luminiphilus sylvensis</i> gen. nov., sp. nov., reclassification of <i>Haliea rubra</i> as <i>Pseudohalaea rubra</i> gen. nov., comb. nov., and emendation of <i>Chromatocurvus halotolerans</i> . <i>BMC Microbiology</i> , 2013, 13, 118.	1.3	61
29	Mixotrophic growth of bacteriochlorophyll a-containing members of the OM60/NOR5 clade of marine gammaproteobacteria is carbon-starvation independent and correlates with the type of carbon source and oxygen availability. <i>BMC Microbiology</i> , 2013, 13, 117.	1.3	29
30	<i>Metallibacterium scheffleri</i> gen. nov., sp. nov., an alkalizing gammaproteobacterium isolated from an acidic biofilm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1499-1504.	0.8	79
31	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.	1.2	98
32	<i>Desulfotomaculum defluvii</i> sp. nov., a sulfate-reducing bacterium isolated from the subsurface environment of a landfill. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2290-2295.	0.8	16
33	Complete genome sequence of the moderate thermophile <i>Anaerobaculum mobile</i> type strain (NGAT). <i>Standards in Genomic Sciences</i> , 2013, 8, 47-57.	1.5	11
34	Genome analysis of <i>Desulfotomaculum kuznetsovii</i> strain 17T reveals a physiological similarity with <i>Pelotomaculum thermopropionicum</i> strain SIT.. <i>Standards in Genomic Sciences</i> , 2013, 8, 69-87.	1.5	42
35	Genome sequence of the moderately thermophilic sulfur-reducing bacterium <i>Thermanaerovibrio velox</i> type strain (Z-9701T) and emended description of the genus <i>Thermanaerovibrio</i> . <i>Standards in Genomic Sciences</i> , 2013, 9, 57-70.	1.5	8
36	Genome sequence of the thermophilic fresh-water bacterium <i>Spirochaeta caldaria</i> type strain (H1T), reclassification of <i>Spirochaeta caldaria</i> , <i>Spirochaeta stenostrepta</i> , and <i>Spirochaeta zuelzerae</i> in the genus <i>Treponema</i> as <i>Treponema caldaria</i> comb. nov., <i>Treponema stenostrepta</i> comb. nov., and <i>Treponema zuelzerae</i> comb. nov., and emendation of the genus <i>Treponema</i> . <i>Standards in Genomic Sciences</i> , 2013, 8, 88-105.	1.5	44

#	ARTICLE	IF	CITATIONS
37	Genomics and Physiology of a Marine Flavobacterium Encoding a Proteorhodopsin and a Xanthorhodopsin-Like Protein. PLoS ONE, 2013, 8, e57487.	1.1	42
38	Complete Genome Sequences of <i>Desulfosporosinus orientis</i> DSM765 ^T , <i>Desulfosporosinus youngiae</i> DSM17734 ^T , <i>Desulfosporosinus meridiei</i> DSM13257 ^T , and <i>Desulfosporosinus acidiphilus</i> DSM22704 ^T . Journal of Bacteriology, 2012, 194, 6300-6301.	1.0	73
39	Genome sequence of the moderately thermophilic, amino-acid-degrading and sulfur-reducing bacterium <i>Thermovirga lienii</i> type strain (Cas60314T). Standards in Genomic Sciences, 2012, 6, 230-239.	1.5	26
40	Complete genome sequence of the termite hindgut bacterium <i>Spirochaeta coccoides</i> type strain (SPN1T), reclassification in the genus <i>Sphaerochaeta</i> as <i>Sphaerochaeta coccoides</i> comb. nov. and emendations of the family Spirochaetaceae and the genus <i>Sphaerochaeta</i> . Standards in Genomic Sciences, 2012, 6, 194-209.	1.5	58
41	Permanent draft genome sequence of the gliding predator <i>Saprospira grandis</i> strain Sa g1 (= HR1). Standards in Genomic Sciences, 2012, 6, 210-219.	1.5	3
42	Complete genome sequence of the facultatively anaerobic, appendaged bacterium <i>Muricauda ruestringensis</i> type strain (B1T). Standards in Genomic Sciences, 2012, 6, 185-193.	1.5	10
43	Complete genome sequence of the thermophilic sulfate-reducing ocean bacterium <i>Thermodesulfator indicus</i> type strain (CIR29812T). Standards in Genomic Sciences, 2012, 6, 155-164.	1.5	14
44	Genome sequence of the homoacetogenic bacterium <i>Holophaga foetida</i> type strain (TMBS4T). Standards in Genomic Sciences, 2012, 6, 174-184.	1.5	26
45	Complete genome sequence of the sulfate-reducing firmicute <i>Desulfotomaculum ruminis</i> type strain (DLT). Standards in Genomic Sciences, 2012, 7, 304-319.	1.5	22
46	Complete genome sequence of the sulfur compounds oxidizing chemolithoautotroph <i>Sulfuricurvum kujjense</i> type strain (YK-1T). Standards in Genomic Sciences, 2012, 6, 94-103.	1.5	37
47	Complete genome sequence of <i>Desulfobulbus propionicus</i> type strain (1pr3T). Standards in Genomic Sciences, 2011, 4, 100-110.	1.5	51
48	Complete genome sequence of <i>Marivirga tractuosa</i> type strain (H-43T). Standards in Genomic Sciences, 2011, 4, 154-162.	1.5	18
49	Complete genome sequence of <i>Desulfurococcus mucosus</i> type strain (O7/1T). Standards in Genomic Sciences, 2011, 4, 173-182.	1.5	10
50	Complete genome sequence of <i>Cellulophaga lytica</i> type strain (LIM-21T). Standards in Genomic Sciences, 2011, 4, 221-232.	1.5	33
51	Complete genome sequence of <i>Mahella australiensis</i> type strain (50-1 BONT). Standards in Genomic Sciences, 2011, 4, 331-341.	1.5	7
52	Complete genome sequence of <i>Syntrophobotulus glycolicus</i> type strain (FIGlyRT). Standards in Genomic Sciences, 2011, 4, 371-380.	1.5	11
53	Complete genome sequence of the hyperthermophilic chemolithoautotroph <i>Pyrolobus fumarii</i> type strain (1AT). Standards in Genomic Sciences, 2011, 4, 381-392.	1.5	13
54	Complete genome sequence of the acetate-degrading sulfate reducer <i>Desulfobacca acetoxidans</i> type strain (ASRB2T). Standards in Genomic Sciences, 2011, 4, 393-401.	1.5	25

#	ARTICLE	IF	CITATIONS
55	Complete genome sequence of <i>Tolomonas auensis</i> type strain (TA 4T). <i>Standards in Genomic Sciences</i> , 2011, 5, 112-120.	1.5	6
56	Complete genome sequence of the thermophilic sulfur-reducer <i>Desulfurobacterium thermolithotrophum</i> type strain (BSAT) from a deep-sea hydrothermal vent. <i>Standards in Genomic Sciences</i> , 2011, 5, 407-415.	1.5	11
57	Complete genome sequence of <i>Calditerrivibrio nitroreducens</i> type strain (Yu37-1T). <i>Standards in Genomic Sciences</i> , 2011, 4, 54-62.	1.5	10
58	Complete genome sequence of the thermophilic sulfur-reducer <i>Hippea maritima</i> type strain (MH2T). <i>Standards in Genomic Sciences</i> , 2011, 4, 303-311.	1.5	8
59	Genome sequence of the moderately thermophilic halophile <i>Flexistipes sinusarabici</i> strain (MAS10T). <i>Standards in Genomic Sciences</i> , 2011, 5, 86-96.	1.5	12
60	<i>Peptoniphilus methionivorax</i> sp. nov., a Gram-positive anaerobic coccus isolated from retail ground beef. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1962-1967.	0.8	30
61	Complete genome sequence of <i>Syntrophobotulus glycolicus</i> type strain (FGlyR). <i>Standards in Genomic Sciences</i> , 2011, 4, 371-80.	1.5	4
62	Permanent draft genome sequence of <i>Dethiosulfovibrio peptidovorans</i> type strain (SEBR 4207T). <i>Standards in Genomic Sciences</i> , 2010, 3, 85-92.	1.5	9
63	Non-contiguous finished genome sequence of <i>Aminomonas paucivorans</i> type strain (GLU-3T). <i>Standards in Genomic Sciences</i> , 2010, 3, 285-293.	1.5	9
64	Complete genome sequence of <i>Ilyobacter polytropus</i> type strain (CuHbu1T). <i>Standards in Genomic Sciences</i> , 2010, 3, 304-314.	1.5	10
65	Complete genome sequence of <i>Acetohalobium arabaticum</i> type strain (Z-7288T). <i>Standards in Genomic Sciences</i> , 2010, 3, 57-65.	1.5	24
66	Complete genome sequence of <i>Ignisphaera aggregans</i> type strain (AQ1.S1T). <i>Standards in Genomic Sciences</i> , 2010, 3, 66-75.	1.5	15
67	Complete genome sequence of <i>Vulcanisaeta distributa</i> type strain (IC-017T). <i>Standards in Genomic Sciences</i> , 2010, 3, 117-125.	1.5	10
68	Complete genome sequence of <i>Thermosediminibacter oceani</i> type strain (JW/IW-1228PT). <i>Standards in Genomic Sciences</i> , 2010, 3, 108-116.	1.5	12
69	Complete genome sequence of <i>Spirochaeta smaragdinae</i> type strain (SEBR 4228T). <i>Standards in Genomic Sciences</i> , 2010, 3, 1-9.	1.5	18
70	Complete genome sequence of <i>Syntrophothermus lipocalidus</i> type strain (TGB-C1T). <i>Standards in Genomic Sciences</i> , 2010, 3, 268-275.	1.5	13
71	Complete genome sequence of <i>Desulfarculus baarsii</i> type strain (2st14T). <i>Standards in Genomic Sciences</i> , 2010, 3, 276-284.	1.5	37
72	Complete genome sequence of <i>Methanothermus fervidus</i> type strain (V24ST). <i>Standards in Genomic Sciences</i> , 2010, 3, 315-324.	1.5	17

#	ARTICLE	IF	CITATIONS
73	Complete genome sequence of <i>Chitinophaga pinensis</i> type strain (UQM 2034T). <i>Standards in Genomic Sciences</i> , 2010, 2, 87-95.	1.5	74
74	Complete genome sequence of <i>Sulfurospirillum deleyianum</i> type strain (5175T). <i>Standards in Genomic Sciences</i> , 2010, 2, 149-157.	1.5	29
75	Complete genome sequence of <i>Thermosphaera aggregans</i> type strain (M11TLT). <i>Standards in Genomic Sciences</i> , 2010, 2, 245-259.	1.5	14
76	Complete genome sequence of <i>Brachyspira murdochii</i> type strain (56-150T). <i>Standards in Genomic Sciences</i> , 2010, 2, 260-269.	1.5	20
77	Complete genome sequence of <i>Aminobacterium colombiense</i> type strain (ALA-1T). <i>Standards in Genomic Sciences</i> , 2010, 2, 280-289.	1.5	32
78	Complete genome sequence of <i>Desulfohalobium retbaense</i> type strain (HR100T). <i>Standards in Genomic Sciences</i> , 2010, 2, 38-48.	1.5	22
79	Complete genome sequence of <i>Archaeoglobus profundus</i> type strain (AV18T). <i>Standards in Genomic Sciences</i> , 2010, 2, 327-346.	1.5	26
80	Complete genome sequence of <i>Denitrovibrio acetiphilus</i> type strain (N2460T). <i>Standards in Genomic Sciences</i> , 2010, 2, 270-279.	1.5	16
81	<i>Pseudomonas benzenivorans</i> sp. nov. and <i>Pseudomonas saponiphila</i> sp. nov., Represented by Xenobiotics Degrading Type Strains. <i>Current Microbiology</i> , 2010, 60, 85-91.	1.0	35
82	The Genome Sequence of <i>Methanohalophilus mahii</i> SLP ^T Reveals Differences in the Energy Metabolism among Members of the <i>Methanosarcinaceae</i> Inhabiting Freshwater and Saline Environments. <i>Archaea</i> , 2010, 2010, 1-16.	2.3	35
83	Influence of Microbially Reducible Fe(III) on the Bacterial Community Structure of Estuarine Surface Sediments. <i>Geomicrobiology Journal</i> , 2010, 27, 292-302.	1.0	7
84	<i>Caldithrix palaeochoryensis</i> sp. nov., a thermophilic, anaerobic, chemo-organotrophic bacterium from a geothermally heated sediment, and emended description of the genus <i>Caldithrix</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2120-2123.	0.8	57
85	Complete genome sequence of <i>Sulfurimonas autotrophica</i> type strain (OK10T). <i>Standards in Genomic Sciences</i> , 2010, 3, 194-202.	1.5	37
86	Complete genome sequence of <i>Methanoplanus petrolearius</i> type strain (SEBR 4847T). <i>Standards in Genomic Sciences</i> , 2010, 3, 203-211.	1.5	14
87	<i>Caldimicrobium rimae</i> gen. nov., sp. nov., an extremely thermophilic, facultatively lithoautotrophic, anaerobic bacterium from the Uzon Caldera, Kamchatka. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1040-1044.	0.8	50
88	<i>Desulfovibrio idahonensis</i> sp. nov., sulfate-reducing bacteria isolated from a metal(loid)-contaminated freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2208-2214.	0.8	34
89	<i>Desulfonauticus autotrophicus</i> sp. nov., a novel thermophilic sulfate-reducing bacterium isolated from oil-production water and emended description of the genus <i>Desulfonauticus</i> . <i>Extremophiles</i> , 2009, 13, 247-255.	0.9	36
90	A phylogeny-driven genomic encyclopaedia of Bacteria and Archaea. <i>Nature</i> , 2009, 462, 1056-1060.	13.7	924

#	ARTICLE	IF	CITATIONS
91	Optimization of three FISH procedures for in situ detection of anaerobic ammonium oxidizing bacteria in biological wastewater treatment. <i>Journal of Microbiological Methods</i> , 2009, 78, 119-126.	0.7	41
92	Complete genome sequence of <i>Desulfomicrobium baculatum</i> type strain (XT). <i>Standards in Genomic Sciences</i> , 2009, 1, 29-37.	1.5	36
93	Complete genome sequence of <i>Acidimicrobium ferrooxidans</i> type strain (ICPT). <i>Standards in Genomic Sciences</i> , 2009, 1, 38-45.	1.5	32
94	Complete genome sequence of <i>Pedobacter heparinus</i> type strain (HIM 762-3T). <i>Standards in Genomic Sciences</i> , 2009, 1, 54-62.	1.5	25
95	Complete genome sequence of <i>Thermanaerovibrio acidaminovorans</i> type strain (Su883T). <i>Standards in Genomic Sciences</i> , 2009, 1, 254-261.	1.5	23
96	Complete genome sequence of <i>Desulfotomaculum acetoxidans</i> type strain (5575T). <i>Standards in Genomic Sciences</i> , 2009, 1, 242-253.	1.5	35
97	The Photosynthetic Apparatus and Its Regulation in the Aerobic Gammaproteobacterium <i>Congregibacter litoralis</i> gen. nov., sp. nov. <i>PLoS ONE</i> , 2009, 4, e4866.	1.1	83
98	<i>Desulfosporosinus hippei</i> sp. nov., a mesophilic sulfate-reducing bacterium isolated from permafrost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1228-1232.	0.8	43
99	<i>Desulfotomaculum alcoholivorax</i> sp. nov., a moderately thermophilic, spore-forming, sulfate-reducer isolated from a fluidized-bed reactor treating acidic metal- and sulfate-containing wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 833-838.	0.8	24
100	Characterization of a marine gammaproteobacterium capable of aerobic anoxygenic photosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2891-2896.	3.3	120
101	<i>Desulfurispora thermophila</i> gen. nov., sp. nov., a thermophilic, spore-forming sulfate-reducer isolated from a sulfidogenic fluidized-bed reactor. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1089-1094.	0.8	51
102	<i>Desulfoviregula thermocuniculi</i> gen. nov., sp. nov., a thermophilic sulfate-reducer isolated from a geothermal underground mine in Japan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 98-102.	0.8	29
103	<i>Magnetotactic Bacteria</i> . , 2006, , 842-862.		22
104	Detection and in situ identification of representatives of a widely distributed new bacterial phylum. <i>FEMS Microbiology Letters</i> , 2006, 153, 181-190.	0.7	230
105	<i>Desulfotomaculum thermosubterraneum</i> sp. nov., a thermophilic sulfate-reducer isolated from an underground mine located in a geothermally active area. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2603-2608.	0.8	54
106	Novel Thermophilic Sulfate-Reducing Bacteria from a Geothermally Active Underground Mine in Japan. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3759-3762.	1.4	39
107	<i>Vulcanibacillus modesticaldus</i> gen. nov., sp. nov., a strictly anaerobic, nitrate-reducing bacterium from deep-sea hydrothermal vents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1047-1053.	0.8	53
108	<i>Desulfosporosinus lacus</i> sp. nov., a sulfate-reducing bacterium isolated from pristine freshwater lake sediments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2729-2736.	0.8	105

#	ARTICLE	IF	CITATIONS
109	The Genera <i>Desulfitobacterium</i> and <i>Desulfosporosinus</i> : Taxonomy. , 2006, , 771-786.		33
110	The Genera <i>Leptothrix</i> and <i>Sphaerotilus</i> . , 2006, , 758-777.		57
111	Isolation of tannin-degrading bacteria isolated from feces of the Japanese large wood mouse, <i>Apodemus speciosus</i> , feeding on tannin-rich acorns. <i>Systematic and Applied Microbiology</i> , 2005, 28, 358-365.	1.2	43
112	Cultivated anaerobic acidophilic/acidotolerant thermophiles from terrestrial and deep-sea hydrothermal habitats. <i>Extremophiles</i> , 2005, 9, 437-448.	0.9	46
113	<i>Malikia granosa</i> gen. nov., sp. nov., a novel polyhydroxyalkanoate- and polyphosphate-accumulating bacterium isolated from activated sludge, and reclassification of <i>Pseudomonas spinosa</i> as <i>Malikia spinosa</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 621-629.	0.8	88
114	<i>Methanogenium frittonii</i> Harris et al. 1996 is a later synonym of <i>Methanoculleus thermophilus</i> (Rivard) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Microbiology</i> , 2005, 55, 1097-1099.	0.8	17
115	<i>Hydrogenophaga defluvii</i> sp. nov. and <i>Hydrogenophaga atypica</i> sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 341-344.	0.8	94
116	Molecular Characterization of a Dechlorinating Community Resulting from In Situ Biostimulation in a Trichloroethene-Contaminated Deep, Fractured Basalt Aquifer and Comparison to a Derivative Laboratory Culture. <i>Applied and Environmental Microbiology</i> , 2004, 70, 7329-7341.	1.4	110
117	<i>Caminibacter profundus</i> sp. nov., a novel thermophile of Nautiliales ord. nov. within the class "Epsilonproteobacteria", isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 41-45.	0.8	86
118	<i>Ottowia thiooxydans</i> gen. nov., sp. nov., a novel facultatively anaerobic, N ₂ O-producing bacterium isolated from activated sludge, and transfer of <i>Aquaspirillum gracile</i> to <i>Hylemonella gracilis</i> gen. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 99-106.	0.8	117
119	Biogeochemical transformations of arsenic in circumneutral freshwater sediments. <i>Biodegradation</i> , 2003, 14, 123-137.	1.5	44
120	<i>Caldithrix abyssi</i> gen. nov., sp. nov., a nitrate-reducing, thermophilic, anaerobic bacterium isolated from a Mid-Atlantic Ridge hydrothermal vent, represents a novel bacterial lineage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 323-329.	0.8	132
121	<i>Deferribacter abyssi</i> sp. nov., an anaerobic thermophile from deep-sea hydrothermal vents of the Mid-Atlantic Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1637-1641.	0.8	82
122	<i>Vulcanithermus mediatlanticus</i> gen. nov., sp. nov., a novel member of the family Thermaceae from a deep-sea hot vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1143-1148.	0.8	58
123	Characterization of novel psychrophilic clostridia from an Antarctic microbial mat: description of <i>Clostridium frigoris</i> sp. nov., <i>Clostridium lacusfryxellense</i> sp. nov., <i>Clostridium bowmanii</i> sp. nov. and <i>Clostridium psychrophilum</i> sp. nov. and reclassification of <i>Clostridium laramiense</i> as <i>Clostridium estertheticum</i> subsp. laramiense subsp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1013-1020.	0.8	123
124	<i>Oceanithermus profundus</i> gen. nov., sp. nov., a thermophilic, microaerophilic, facultatively chemolithoheterotrophic bacterium from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 747-752.	0.8	76
125	Phylum BVIII. Nitrospirae phy. nov., , 2001, , 451-464.		32
126	Isolation and Characterization of a Novel As(V)-Reducing Bacterium: Implications for Arsenic Mobilization and the Genus <i>Desulfitobacterium</i> . <i>Applied and Environmental Microbiology</i> , 2001, 67, 5568-5580.	1.4	198

#	ARTICLE	IF	CITATIONS
127	Identification and characterization of ecologically significant prokaryotes in the sediment of freshwater lakes: molecular and cultivation studies. <i>FEMS Microbiology Reviews</i> , 2000, 24, 573-590.	3.9	168
128	Evidence for Microbial Fe(III) Reduction in Anoxic, Mining-Impacted Lake Sediments (Lake Coeur d'Alene), Tj ETQq0,0,0 rgBT /Overlock 1	1.4	123
129	Defensive extrusive ectosymbionts of Euplotidium (Ciliophora) that contain microtubule-like structures are bacteria related to Verrucomicrobia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1813-1817.	3.3	129
130	Ferribacterium limneticum, gen. nov., sp. nov., an Fe(III)-reducing microorganism isolated from mining-impacted freshwater lake sediments. <i>Archives of Microbiology</i> , 1999, 171, 183-188.	1.0	149
131	Improved Technique for the Isolation of Magnetotactic Spirilla from a Freshwater Sediment and their Phylogenetic Characterization. <i>Systematic and Applied Microbiology</i> , 1999, 22, 466-471.	1.2	72
132	Genotypic Diversity of Acidovorax Strains Isolated from Activated Sludge and Description of Acidovorax defluvii sp. nov.. <i>Systematic and Applied Microbiology</i> , 1999, 22, 205-214.	1.2	84
133	Phylogenetic affiliation and ultrastructure of uncultured magnetic bacteria with unusually large magnetosomes. <i>Archives of Microbiology</i> , 1998, 169, 136-147.	1.0	127
134	Microbial Fe(III) Reduction in Activated Sludge. <i>Systematic and Applied Microbiology</i> , 1997, 20, 645-651.	1.2	28
135	rRNA-Targeted Oligonucleotide Probes for the Identification of Genuine and Former Pseudomonads. <i>Systematic and Applied Microbiology</i> , 1996, 19, 501-509.	1.2	82
136	Polyphasic Characterization of the Genus Leptothrix: New Descriptions of Leptothrix mobilis sp. nov. and Leptothrix discophora sp. nov. nom. rev. and Emended Description of Leptothrix cholodnii emend.. <i>Systematic and Applied Microbiology</i> , 1996, 19, 634-643.	1.2	59
137	Halobacillus gen. nov., with Descriptions of Halobacillus litoralis sp. nov. and Halobacillus trueperi sp. nov., and Transfer of Sporosarcina halophila to Halobacillus halophilus comb. nov.. <i>International Journal of Systematic Bacteriology</i> , 1996, 46, 492-496.	2.8	239
138	Diversity of Magnetotactic Bacteria. <i>Systematic and Applied Microbiology</i> , 1995, 18, 147-153.	1.2	126
139	Comparative Sequence Analysis of 23S rRNA from Proteobacteria. <i>Systematic and Applied Microbiology</i> , 1995, 18, 164-188.	1.2	72
140	Phylogenetic Analysis of Uncultured Magnetotactic Bacteria from the Alpha-Subclass of Proteobacteria. <i>Systematic and Applied Microbiology</i> , 1995, 17, 501-508.	1.2	70
141	Isolation and Taxonomic Characterization of a Halotolerant, Facultatively Iron-reducing Bacterium. <i>Systematic and Applied Microbiology</i> , 1995, 17, 569-573.	1.2	71
142	Dominating Role of an Unusual Magnetotactic Bacterium in the Microaerobic Zone of a Freshwater Sediment. <i>Applied and Environmental Microbiology</i> , 1993, 59, 2397-2403.	1.4	247
143	Phylogenetic Diversity and Identification of Nonculturable Magnetotactic Bacteria. <i>Systematic and Applied Microbiology</i> , 1992, 15, 116-122.	1.2	141
144	The Genus Magnetospirillum gen. nov. Description of Magnetospirillum gryphiswaldense sp. nov. and Transfer of Aquaspirillum magnetotacticum to Magnetospirillum magnetotacticum comb. nov.. <i>Systematic and Applied Microbiology</i> , 1991, 14, 379-385.	1.2	265