

Yuji Sekiguchi

List of Publications by Year in descending order

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117
papers

8,981
citations

47006

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all docs

133
docs citations

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times ranked

8406
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerolinea thermolimosa sp. nov., Levilinea saccharolytica gen. nov., sp. nov. and Leptolinea tardivitalis gen. nov., sp. nov., novel filamentous anaerobes, and description of the new classes Anaerolineae classis nov. and Caldilineae classis nov. in the bacterial phylum Chloroflexi. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1331-1340.	1.7	584
2	Gemmatimonas aurantiaca gen. nov., sp. nov., a Gram-negative, aerobic, polyphosphate-accumulating micro-organism, the first cultured representative of the new bacterial phylum Gemmatimonadetes phyl. nov.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1155-1163.	1.7	458
3	Fluorescence In Situ Hybridization Using 16S rRNA-Targeted Oligonucleotides Reveals Localization of Methanogens and Selected Uncultured Bacteria in Mesophilic and Thermophilic Sludge Granules. Applied and Environmental Microbiology, 1999, 65, 1280-1288.	3.1	394
4	An Expanded Genomic Representation of the Phylum Cyanobacteria. Genome Biology and Evolution, 2014, 6, 1031-1045.	2.5	326
5	Bellilinea caldifistulae gen. nov., sp. nov. and Longilinea arvoryzae gen. nov., sp. nov., strictly anaerobic, filamentous bacteria of the phylum Chloroflexi isolated from methanogenic propionate-degrading consortia. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2299-2306.	1.7	323
6	Phylogenetic diversity of mesophilic and thermophilic granular sludges determined by 16S rRNA gene analysis. Microbiology (United Kingdom), 1998, 144, 2655-2665.	1.8	309
7	Anaerolinea thermophila gen. nov., sp. nov. and Caldilinea aerophila gen. nov., sp. nov., novel filamentous thermophiles that represent a previously uncultured lineage of the domain Bacteria at the subphylum level. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1843-1851.	1.7	306
8	Cultivation of Uncultured Chloroflexi Subphyla: Significance and Ecophysiology of Formerly Uncultured Chloroflexi 'Subphylum I' with Natural and Biotechnological Relevance. Microbes and Environments, 2009, 24, 205-216.	1.6	247
9	Comparative Analysis of Bacterial Diversity in Freshwater Sediment of a Shallow Eutrophic Lake by Molecular and Improved Cultivation-Based Techniques. Applied and Environmental Microbiology, 2005, 71, 2162-2169.	3.1	240
10	Diversity, Localization, and Physiological Properties of Filamentous Microbes Belonging to Chloroflexi Subphylum I in Mesophilic and Thermophilic Methanogenic Sludge Granules. Applied and Environmental Microbiology, 2005, 71, 7493-7503.	3.1	236
11	<i>Syntrophorhabdus aromaticivorans</i> gen. nov., sp. nov., the First Cultured Anaerobe Capable of Degrading Phenol to Acetate in Obligate Syntrophic Associations with a Hydrogenotrophic Methanogen. Applied and Environmental Microbiology, 2008, 74, 2051-2058.	3.1	219
12	Syntrophothermus lipocalidus gen. nov., sp. nov., a novel thermophilic, syntrophic, fatty-acid-oxidizing anaerobe which utilizes isobutyrate.. International Journal of Systematic and Evolutionary Microbiology, 2000, 50, 771-779.	1.7	194
13	Comparison of Electrode Reduction Activities of <i>Geobacter sulfurreducens</i> and an Enriched Consortium in an Air-Cathode Microbial Fuel Cell. Applied and Environmental Microbiology, 2008, 74, 7348-7355.	3.1	192
14	Methanolinea tarda gen. nov., sp. nov., a methane-producing archaeon isolated from a methanogenic digester sludge. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 294-301.	1.7	180
15	Lentimicrobium saccharophilum gen. nov., sp. nov., a strictly anaerobic bacterium representing a new family in the phylum Bacteroidetes, and proposal of Lentimicrobiaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2635-2642.	1.7	177
16	Pelotomaculum thermopropionicum gen. nov., sp. nov., an anaerobic, thermophilic, syntrophic propionate-oxidizing bacterium. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1729-1735.	1.7	167
17	Non-Sulfate-Reducing, Syntrophic Bacteria Affiliated with Desulfotomaculum Cluster I Are Widely Distributed in Methanogenic Environments. Applied and Environmental Microbiology, 2006, 72, 2080-2091.	3.1	165
18	Microbial communities in anaerobic digestion processes for waste and wastewater treatment: a microbiological update. Current Opinion in Biotechnology, 2007, 18, 273-278.	6.6	158

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19	First genomic insights into members of a candidate bacterial phylum responsible for wastewater bulking. <i>PeerJ</i> , 2015, 3, e740.	2.0	157
20	Microbial population and functional dynamics associated with surface potential and carbon metabolism. <i>ISME Journal</i> , 2014, 8, 963-978.	9.8	140
21	<i>Pelotomaculum thermopropionicum</i> gen. nov., sp. nov., an anaerobic, thermophilic, syntrophic propionate-oxidizing bacterium.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1729-1735.	1.7	140
22	Synthetic spike-in standards for high-throughput 16S rRNA gene amplicon sequencing. <i>Nucleic Acids Research</i> , 2017, 45, gkw984.	14.5	135
23	Quantitative detection of previously characterized syntrophic bacteria in anaerobic wastewater treatment systems by sequence-specific rRNA cleavage method. <i>Water Research</i> , 2012, 46, 2167-2175.	11.3	125
24	<i>Thermodesulfovibrio aggregans</i> sp. nov. and <i>Thermodesulfovibrio thiophilus</i> sp. nov., anaerobic, thermophilic, sulfate-reducing bacteria isolated from thermophilic methanogenic sludge, and emended description of the genus <i>Thermodesulfovibrio</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2541-2548.	1.7	121
25	In Situ Detection, Isolation, and Physiological Properties of a Thin Filamentous Microorganism Abundant in Methanogenic Granular Sludges: a Novel Isolate Affiliated with a Clone Cluster, the Green Non-Sulfur Bacteria, Subdivision I. <i>Applied and Environmental Microbiology</i> , 2001, 67, 5740-5749.	3.1	120
26	Comparative Genomics of Candidate Phylum TM6 Suggests That Parasitism Is Widespread and Ancestral in This Lineage. <i>Molecular Biology and Evolution</i> , 2016, 33, 915-927.	8.9	119
27	Isolation of Key Methanogens for Global Methane Emission from Rice Paddy Fields: a Novel Isolate Affiliated with the Clone Cluster Rice Cluster I. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4326-4331.	3.1	116
28	Cultivation and In Situ Detection of a Thermophilic Bacterium Capable of Oxidizing Propionate in Syntrophic Association with Hydrogenotrophic Methanogens in a Thermophilic Methanogenic Granular Sludge. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3608-3615.	3.1	112
29	<i>Pelotomaculum terephthalicum</i> sp. nov. and <i>Pelotomaculum isophthalicum</i> sp. nov.: two anaerobic bacteria that degrade phthalate isomers in syntrophic association with hydrogenotrophic methanogens. <i>Archives of Microbiology</i> , 2006, 185, 172-182.	2.2	109
30	Functionally Stable and Phylogenetically Diverse Microbial Enrichments from Microbial Fuel Cells during Wastewater Treatment. <i>PLoS ONE</i> , 2012, 7, e30495.	2.5	96
31	<i>Pelotomaculum propionicicum</i> sp. nov., an anaerobic, mesophilic, obligately syntrophic, propionate-oxidizing bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1487-1492.	1.7	94
32	Comparative Analysis of Bacterial and Archaeal Communities in Methanogenic Sludge Granules from Upflow Anaerobic Sludge Blanket Reactors Treating Various Food-Processing, High-Strength Organic Wastewaters. <i>Microbes and Environments</i> , 2009, 24, 88-96.	1.6	92
33	rRNA-based analysis to monitor succession of faecal bacterial communities in Holstein calves. <i>Letters in Applied Microbiology</i> , 2010, 51, 570-577.	2.2	90
34	Effect of gelling agent on colony formation in solid cultivation of microbial community in lake sediment. <i>Environmental Microbiology</i> , 2009, 11, 1827-1834.	3.8	87
35	An rRNA-based analysis for evaluating the effect of heat stress on the rumen microbial composition of Holstein heifers. <i>Anaerobe</i> , 2010, 16, 27-33.	2.1	85
36	<i>Tepidanaerobacter syntrophicus</i> gen. nov., sp. nov., an anaerobic, moderately thermophilic, syntrophic alcohol- and lactate-degrading bacterium isolated from thermophilic digested sludges. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1621-1629.	1.7	82

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37	Identification and Isolation of Anaerobic, Syntrophic Phthalate Isomer-Degrading Microbes from Methanogenic Sludges Treating Wastewater from Terephthalate Manufacturing. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1617-1626.	3.1	80
38	A novel and cost-effective sewage treatment system consisting of UASB pre-treatment and aerobic post-treatment units for developing countries. <i>Water Science and Technology</i> , 1997, 36, 189.	2.5	79
39	Isolation and characterization of <i>Flexilinea flocculi</i> gen. nov., sp. nov., a filamentous, anaerobic bacterium belonging to the class Anaerolineae in the phylum Chloroflexi. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 988-996.	1.7	75
40	Recent advances in methane fermentation technology. <i>Current Opinion in Biotechnology</i> , 2001, 12, 277-282.	6.6	72
41	The genome of <i>Syntrophorhabdus aromaticivorans</i> strain UI provides new insights for syntrophic aromatic compound metabolism and electron flow. <i>Environmental Microbiology</i> , 2015, 17, 4861-4872.	3.8	72
42	Cultivation of Methanogens under Low-Hydrogen Conditions by Using the Coculture Method. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4892-4896.	3.1	68
43	Genome Features and Secondary Metabolites Biosynthetic Potential of the Class Ktedonobacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 893.	3.5	61
44	Microbial diversity and methanogenic potential in a high temperature natural gas field in Japan. <i>Extremophiles</i> , 2007, 11, 453-461.	2.3	60
45	Oligonucleotide primers, probes and molecular methods for the environmental monitoring of methanogenic archaea. <i>Microbial Biotechnology</i> , 2011, 4, 585-602.	4.2	60
46	<i>Dethiosulfatibacter aminovorans</i> gen. nov., sp. nov., a novel thiosulfate-reducing bacterium isolated from coastal marine sediment via sulfate-reducing enrichment with Casamino acids. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2320-2326.	1.7	56
47	Yet-to-be Cultured Microorganisms Relevant to Methane Fermentation Processes. <i>Microbes and Environments</i> , 2006, 21, 1-15.	1.6	55
48	Phylogenetic Analysis and Fluorescence In Situ Hybridization Detection of Archaeal and Bacterial Endosymbionts in the Anaerobic Ciliate <i>Trimyema Compressum</i> . <i>Microbial Ecology</i> , 2007, 54, 627-636.	2.8	50
49	<i>Sporotomaculum syntrophicum</i> sp. nov., a novel anaerobic, syntrophic benzoate-degrading bacterium isolated from methanogenic sludge treating wastewater from terephthalate manufacturing. <i>Archives of Microbiology</i> , 2003, 179, 242-249.	2.2	48
50	Ecological niche separation in the <i>Polynucleobacter</i> subclusters linked to quality of dissolved organic matter: a demonstration using a high sensitivity cultivation-based approach. <i>Environmental Microbiology</i> , 2012, 14, 2511-2525.	3.8	47
51	Methanogen Diversity in Deep Subsurface Gas-Associated Water at the Minami-Kanto Gas Field in Japan. <i>Geomicrobiology Journal</i> , 2007, 24, 93-100.	2.0	44
52	Characterization of filamentous bacteria, belonging to candidate phylum KSB3, that are associated with bulking in methanogenic granular sludges. <i>ISME Journal</i> , 2007, 1, 246-255.	9.8	44
53	Application of Pseudomurein Endoisopeptidase to Fluorescence In Situ Hybridization of Methanogens within the Family Methanobacteriaceae. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6907-6913.	3.1	43
54	<i>Lactivibrio alcoholicus</i> gen. nov., sp. nov., an anaerobic, mesophilic, lactate-, alcohol-, carbohydrate- and amino-acid-degrading bacterium in the phylum Synergistetes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2137-2145.	1.7	41

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55	Genomic Analysis of Two Phylogenetically Distinct <i>Nitrospira</i> Species Reveals Their Genomic Plasticity and Functional Diversity. <i>Frontiers in Microbiology</i> , 2017, 8, 2637.	3.5	40
56	Sequence-Specific Cleavage of Small-Subunit (SSU) rRNA with Oligonucleotides and RNase H: a Rapid and Simple Approach to SSU rRNA-Based Quantitative Detection of Microorganisms. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3650-3663.	3.1	39
57	Molecular detection and direct enumeration of methanogenic Archaea and methanotrophic Bacteria in domestic solid waste landfill soils. <i>Biotechnology Letters</i> , 2003, 25, 1563-1569.	2.2	37
58	Impact of consumption of probiotic lactobacilli-containing yogurt on microbial composition in human feces. <i>International Journal of Food Microbiology</i> , 2008, 122, 16-22.	4.7	37
59	Validation and standardization of DNA extraction and library construction methods for metagenomics-based human fecal microbiome measurements. <i>Microbiome</i> , 2021, 9, 95.	11.1	37
60	Archaeal community compositions at different depths (up to 30 m) of a municipal solid waste landfill in Taiwan as revealed by 16S rDNA cloning analyses. <i>Biotechnology Letters</i> , 2003, 25, 719-724.	2.2	36
61	<i>Anaerosporebacter mobilis</i> gen. nov., sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1784-1787.	1.7	36
62	Universal Quenching Probe System: Flexible, Specific, and Cost-Effective Real-Time Polymerase Chain Reaction Method. <i>Analytical Chemistry</i> , 2009, 81, 5678-5685.	6.5	33
63	Real-time monitoring of RNA helicase activity using fluorescence resonance energy transfer in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 131-136.	2.1	33
64	Enhanced electrode-reducing rate during the enrichment process in an air-cathode microbial fuel cell. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1087-1094.	3.6	33
65	Inhibition of Hepatitis C Virus NS3 Helicase by Manoalide. <i>Journal of Natural Products</i> , 2012, 75, 650-654.	3.0	32
66	The Phylum Gemmatimonadetes. , 2014, , 677-681.		32
67	<i>Desulfovibrio marinisediminis</i> sp. nov., a novel sulfate-reducing bacterium isolated from coastal marine sediment via enrichment with Casamino acids. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2433-2438.	1.7	31
68	Quantitative detection of culturable methanogenic archaea abundance in anaerobic treatment systems using the sequence-specific rRNA cleavage method. <i>ISME Journal</i> , 2009, 3, 522-535.	9.8	31
69	<i>Oligosphaera ethanolica</i> gen. nov., sp. nov., an anaerobic, carbohydrate-fermenting bacterium isolated from methanogenic sludge, and description of <i>Oligosphaeria classis</i> nov. in the phylum Lentisphaerae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 533-539.	1.7	29
70	<i>Clostridium jejuense</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1465-1468.	1.7	27
71	Ecophysiology and Comparative Genomics of <i>Nitrosomonas mobilis</i> Ms1 Isolated from Autotrophic Nitrifying Granules of Wastewater Treatment Bioreactor. <i>Frontiers in Microbiology</i> , 2016, 7, 1869.	3.5	26
72	Physiological and genomic characterization of a new <i>Candidatus Nitrotoga</i> ™ isolate. <i>Environmental Microbiology</i> , 2020, 22, 2365-2382.	3.8	26

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73	Draft Genome Sequence of Syntrophorhabdus aromaticivorans Strain UI, a Mesophilic Aromatic Compound-Degrading Syntroph. Genome Announcements, 2014, 2, .	0.8	23
74	Identification of Hydroxyanthraquinones as Novel Inhibitors of Hepatitis C Virus NS3 Helicase. International Journal of Molecular Sciences, 2015, 16, 18439-18453.	4.1	22
75	Evaluation of group-specific, 16S rRNA-targeted scissor probes for quantitative detection of predominant bacterial populations in dairy cattle rumen. Journal of Applied Microbiology, 2007, 103, 1995-2005.	3.1	19
76	High-throughput screening assay of hepatitis C virus helicase inhibitors using fluorescence-quenching phenomenon. Biochemical and Biophysical Research Communications, 2009, 379, 1054-1059.	2.1	19
77	In Situ Detection and Quantification of Uncultured Members of the Phylum Nitrospirae Abundant in Methanogenic Wastewater Treatment Systems. Microbes and Environments, 2009, 24, 97-104.	1.6	19
78	Comparative Genomics of Syntrophic Branched-Chain Fatty Acid Degrading Bacteria. Microbes and Environments, 2016, 31, 288-292.	1.6	19
79	Ecophysiology of Uncultured Filamentous Anaerobes Belonging to the Phylum KSB3 That Cause Bulking in Methanogenic Granular Sludge. Applied and Environmental Microbiology, 2011, 77, 2081-2087.	3.1	18
80	Alternately binding probe competitive PCR as a simple, cost-effective, and accurate quantification method for JAK2V617F allele burden in myeloproliferative neoplasms. Leukemia Research, 2011, 35, 1632-1636.	0.8	17
81	Psammaplin A inhibits hepatitis C virus NS3 helicase. Journal of Natural Medicines, 2013, 67, 765-772.	2.3	17
82	Sample tracking in microbiome community profiling assays using synthetic 16S rRNA gene spike-in controls. Scientific Reports, 2018, 8, 9095.	3.3	17
83	Characterization and Demonstration of Mock Communities as Control Reagents for Accurate Human Microbiome Community Measurements. Microbiology Spectrum, 2022, 10, e0191521.	3.0	17
84	Quantitative detection of human enteric adenoviruses in river water by microfluidic digital polymerase chain reaction. Water Science and Technology, 2014, 70, 555-560.	2.5	16
85	Inhibition of Hepatitis C Virus Replication and Viral Helicase by Ethyl Acetate Extract of the Marine Feather Star <i>Alloeocomatella polycladia</i> . Marine Drugs, 2012, 10, 744-761.	4.6	15
86	Identification and Biochemical Characterization of Halisulfate 3 and Suvanine as Novel Inhibitors of Hepatitis C Virus NS3 Helicase from a Marine Sponge. Marine Drugs, 2014, 12, 462-476.	4.6	14
87	Cholesterol sulfate as a potential inhibitor of hepatitis C virus NS3 helicase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 223-229.	5.2	14
88	Draft Genome Sequences of <i>Anaerolinea thermolimos</i> IMO-1, <i>Bellilinea caldifistulae</i> GOMI-1, <i>Leptolinea tardivitalis</i> YMTK-2, <i>Levilinea saccharolytica</i> KIBI-1, <i>Longilinea arvoryzae</i> KOMI-1, Previously Described as Members of the Class <i>Chloroflexi</i> (<i>Anaerolineae</i>). Genome Announcements, 2015, 3, .	0.8	14
89	Diversity and geochemical community assembly processes of the living rare biosphere in a sand-and-gravel aquifer ecosystem in the Midwestern United States. Scientific Reports, 2019, 9, 13484.	3.3	14
90	Genomic and Physiological Characteristics of a Novel Nitrite-Oxidizing <i>Nitrospira</i> Strain Isolated From a Drinking Water Treatment Plant. Frontiers in Microbiology, 2020, 11, 545190.	3.5	12

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91	Network-guided genomic and metagenomic analysis of the faecal microbiota of the critically endangered kakapo. <i>Scientific Reports</i> , 2018, 8, 8128.	3.3	11
92	Estimation of single-nucleotide polymorphism allele frequency by alternately binding probe competitive polymerase chain reaction. <i>Analytica Chimica Acta</i> , 2008, 608, 211-216.	5.4	8
93	Affinity capillary electrophoresis with magnetic beads for multiplex quantitative analysis of bacterial 16S rRNA. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 662-667.	2.2	7
94	Quantitative detection of <i>Cryptosporidium</i> oocyst in water source based on 18S rRNA by alternately binding probe competitive reverse transcription polymerase chain reaction (ABC-RT-PCR). <i>Water Research</i> , 2012, 46, 187-194.	11.3	7
95	PBDE: Structure-Activity Studies for the Inhibition of Hepatitis C Virus NS3 Helicase. <i>Molecules</i> , 2014, 19, 4006-4020.	3.8	7
96	Draft Genome Sequence of <i>Anaerolineae</i> Strain TC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. <i>Genome Announcements</i> , 2015, 3, .	0.8	7
97	Inhibition of Both Protease and Helicase Activities of Hepatitis C Virus NS3 by an Ethyl Acetate Extract of Marine Sponge <i>Amphimedon</i> sp. <i>PLoS ONE</i> , 2012, 7, e48685.	2.5	7
98	Quantitative detection of chloroethene-reductive bacteria <i>Dehalococcoides</i> spp. using alternately binding probe competitive polymerase chain reaction. <i>Molecular and Cellular Probes</i> , 2010, 24, 131-137.	2.1	6
99	Four Aromatic Sulfates with an Inhibitory Effect against HCV NS3 Helicase from the Crinoid <i>Alloeocomatella polycladia</i> . <i>Marine Drugs</i> , 2017, 15, 117.	4.6	6
100	Draft Genome Sequence of <i>Bacteroidales</i> Strain TBC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
101	Draft Genome Sequence of the Syntrophic Lactate-Degrading Bacterium <i>Tepidanaerobacter syntrophicus</i> JL ^T . <i>Genome Announcements</i> , 2016, 4, .	0.8	4
102	Draft Genome Sequence of <i>Terrimicrobium sacchariphilum</i> NM-5 ^T , a Facultative Anaerobic Soil Bacterium of the Class <i>Spartobacteria</i> . <i>Genome Announcements</i> , 2017, 5, .	0.8	4
103	Draft Genome Sequence of <i>Paludibacter jiangxiensis</i> NM7 ^T , a Propionate-Producing Fermentative Bacterium. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
104	A Fluorescence-Based Screening Assay for Identification of Hepatitis C Virus NS3 Helicase Inhibitors and Characterization of Their Inhibitory Mechanism. <i>Methods in Molecular Biology</i> , 2015, 1259, 211-228.	0.9	3
105	Primers: Functional Genes and 16S rRNA Genes for Methanogens. <i>Springer Protocols</i> , 2015, , 79-139.	0.3	3
106	Draft Genome Sequence of <i>Thermodesulfovibrio aggregans</i> TGE-P1 T, an Obligately Anaerobic, Thermophilic, Sulfate-Reducing Bacterium in the Phylum Nitrospirae. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
107	<i>Desulfovibrio marinisediminis</i> sp. nov., a novel sulfate-reducing bacterium isolated from coastal marine sediment via enrichment with Casamino acids. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2673-2673.	1.7	3
108	Complete Genome Sequence of <i>Megamonas funiformis</i> JCM 14723 T. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2

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109	Draft Genome Sequence of <i>Bacteroidales</i> Strain 6E, Isolated from a Rice Paddy Field in Japan. <i>Genome Announcements</i> , 2015, 3, .	0.8	1
110	Microbial community structure of methanogenic benzene-degrading cultures enriched from five different sediments. <i>Journal of General and Applied Microbiology</i> , 2016, 62, 266-271.	0.7	1
111	Complete Genome Sequence of <i>Collinsella aerofaciens</i> JCM 10188 T. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
112	Complete Genome Sequence of <i>Blautia producta</i> JCM 1471 T. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
113	Complete Genome Sequence of <i>Flavonifractor plautii</i> JCM 32125 T. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
114	「 <i>Collinsella aerofaciens</i> 」のゲノム配列と代謝機能の解析. <i>Nippon Nogeikagaku Kaishi</i> , 2002, 76, 721-723.		
115	Filamentous Microorganisms Affiliated with Uncultured Bacterial Group at Phylum Level: Microbes as Causative Agent for Filamentous Bulking of Methanogenic Sludge Granules. <i>Journal of Japan Society on Water Environment</i> , 2005, 28, 37-42.	0.4	0
116	Isolation of Uncultivated Methanogens using Anaerobic Syntrophic Substrate-degrading Coculture System.. <i>Journal of Japan Society on Water Environment</i> , 2006, 29, 389-397.	0.4	0
117	Sequence-Specific Capture of Oligonucleotide Probes (SCOPE): a Simple and Rapid Microbial rRNA Quantification Method Using a Molecular Weight Cutoff Membrane. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0116721.	3.1	0