

# Hideyuki Tamaki

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,697  
citations

236833

25  
h-index

254106

43  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of an archaeon at the prokaryote-eukaryote interface. <i>Nature</i> , 2020, 577, 519-525.	13.7	449
2	Comparative Analysis of Bacterial Diversity in Freshwater Sediment of a Shallow Eutrophic Lake by Molecular and Improved Cultivation-Based Techniques. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2162-2169.	1.4	240
3	Analysis of 16S rRNA Amplicon Sequencing Options on the Roche/454 Next-Generation Titanium Sequencing Platform. <i>PLoS ONE</i> , 2011, 6, e25263.	1.1	221
4	Methane production from coal by a single methanogen. <i>Science</i> , 2016, 354, 222-225.	6.0	208
5	A Hidden Pitfall in the Preparation of Agar Media Undermines Microorganism Cultivability. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7659-7666.	1.4	192
6	<i>Armatimonas rosea</i> gen. nov., sp. nov., of a novel bacterial phylum, <i>Armatimonadetes</i> phyl. nov., formally called the candidate phylum OP10. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1442-1447.	0.8	123
7	<i>Flavobacterium limicola</i> sp. nov., a psychrophilic, organic-polymer-degrading bacterium isolated from freshwater sediments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 519-526.	0.8	100
8	Metagenomic analysis of DNA viruses in a wastewater treatment plant in tropical climate. <i>Environmental Microbiology</i> , 2012, 14, 441-452.	1.8	98
9	Effect of gelling agent on colony formation in solid cultivation of microbial community in lake sediment. <i>Environmental Microbiology</i> , 2009, 11, 1827-1834.	1.8	87
10	Isolation and characterization of <i>Flexilinea flocculi</i> gen. nov., sp. nov., a filamentous, anaerobic bacterium belonging to the class <i>Anaerolineae</i> in the phylum <i>Chloroflexi</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 988-996.	0.8	75
11	Isolation of Previously Uncultured Slow-Growing Bacteria by Using a Simple Modification in the Preparation of Agar Media. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	68
12	<i>Methylocaldum marinum</i> sp. nov., a thermotolerant, methane-oxidizing bacterium isolated from marine sediments, and emended description of the genus <i>Methylocaldum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3240-3246.	0.8	63
13	Isolation of a member of the candidate phylum "Atribacteria"™ reveals a unique cell membrane structure. <i>Nature Communications</i> , 2020, 11, 6381.	5.8	62
14	Microbial diversity and methanogenic potential in a high temperature natural gas field in Japan. <i>Extremophiles</i> , 2007, 11, 453-461.	0.9	60
15	Isolation of Butanol- and Isobutanol-Tolerant Bacteria and Physiological Characterization of Their Butanol Tolerance. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6998-7005.	1.4	59
16	Microbial Community Analysis in the Roots of Aquatic Plants and Isolation of Novel Microbes Including an Organism of the Candidate Phylum OP10. <i>Microbes and Environments</i> , 2012, 27, 149-157.	0.7	56
17	Cultivation of Uncultured Fastidious Microbes. <i>Microbes and Environments</i> , 2005, 20, 85-91.	0.7	54
18	Influence of Feed Components on Symbiotic Bacterial Community Structure in the Gut of the Wood-Feeding Higher Termite <i>Nasutitermes takasagoensis</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 1244-1251.	0.6	50

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19	<i>Methanothermobacter tenebrarum</i> sp. nov., a hydrogenotrophic, thermophilic methanogen isolated from gas-associated formation water of a natural gas field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 715-722.	0.8	50
20	A Novel Quorum-Quenching <i>N</i> -Acylhomoserine Lactone Acylase from <i>Acidovorax</i> sp. Strain MR-S7 Mediates Antibiotic Resistance. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	43
21	Novel <i>N</i> -Acyl Homoserine Lactone-Degrading Bacteria Isolated From Penicillin-Contaminated Environments and Their Quorum-Quenching Activities. <i>Frontiers in Microbiology</i> , 2019, 10, 455.	1.5	32
22	<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.	0.8	31
23	Isolation of Novel Bacteria Including Rarely Cultivated Phyla, <i>Acidobacteria</i> and <i>Verrucomicrobia</i> , from the Roots of Emergent Plants by Simple Culturing Method. <i>Microbes and Environments</i> , 2017, 32, 288-292.	0.7	31
24	<i>Catenisphaera adipataaccumulans</i> gen. nov., sp. nov., a member of the family <i>Erysipelotrichaceae</i> isolated from an anaerobic digester. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 805-810.	0.8	30
25	A Six-well Plate Method: Less Laborious and Effective Method for Cultivation of Obligate Anaerobic Microorganisms. <i>Microbes and Environments</i> , 2011, 26, 301-306.	0.7	26
26	Novel Plant-Associated <i>Acidobacteria</i> Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021, 9, 1133.	1.6	26
27	<i>Petrothermobacter organivorans</i> gen. nov., sp. nov., a thermophilic, strictly anaerobic bacterium of the phylum <i>Deferribacteres</i> isolated from a deep subsurface oil reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3982-3986.	0.8	22
28	Detection and isolation of plant-associated bacteria scavenging atmospheric molecular hydrogen. <i>Environmental Microbiology</i> , 2016, 18, 2495-2506.	1.8	18
29	<i>Koleobacter methoxysyntrophicus</i> gen. nov., sp. nov., a novel anaerobic bacterium isolated from deep subsurface oil field and proposal of <i>Koleobacteraceae</i> fam. nov. and <i>Koleobacterales</i> ord. nov. within the class <i>Clostridia</i> of the phylum <i>Firmicutes</i> . <i>Systematic and Applied Microbiology</i> , 2021, 44, 126154.	1.2	15
30	<i>Desulfovibrio subterraneus</i> sp. nov., a mesophilic sulfate-reducing <i>deltaproteobacterium</i> isolated from a deep siliceous mudstone formation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	15
31	Identification of Bile Salt Hydrolase and Bile Salt Resistance in a Probiotic Bacterium <i>Lactobacillus gasseri</i> JCM1131T. <i>Microorganisms</i> , 2021, 9, 1011.	1.6	15
32	Metagenomic and Biochemical Characterizations of Sulfur Oxidation Metabolism in Uncultured Large Sausage-Shaped Bacterium in Hot Spring Microbial Mats. <i>PLoS ONE</i> , 2012, 7, e49793.	1.1	14
33	Diversity and geochemical community assembly processes of the living rare biosphere in a sand-and-gravel aquifer ecosystem in the Midwestern United States. <i>Scientific Reports</i> , 2019, 9, 13484.	1.6	14
34	<i>Fusimonas intestini</i> gen. nov., sp. nov., a novel intestinal bacterium of the family <i>Lachnospiraceae</i> associated with diabetes in mice. <i>Scientific Reports</i> , 2017, 7, 18087.	1.6	8
35	Cultivation Renaissance in the Post-Metagenomics Era: Combining the New and Old. <i>Microbes and Environments</i> , 2019, 34, 117-120.	0.7	8
36	Draft Genome Sequences of <i>Methanoculleus horonobensis</i> Strain JCM 15517, <i>Methanoculleus thermophilus</i> Strain DSM 2373, and <i>Methanofollis ethanolicus</i> Strain JCM 15103, Hydrogenotrophic Methanogens Belonging to the Family <i>Methanomicrobiaceae</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	7

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37	Complete Genome Sequence of <i>Anaerostipes caccae</i> Strain L1-92, a Butyrate-Producing Bacterium Isolated from Human Feces. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	6
38	Bile Salt Hydrolase Degrades $\beta$ -Lactam Antibiotics and Confers Antibiotic Resistance on <i>Lactobacillus paragasseri</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
39	Isolation of a Highly Thermostable Bile Salt Hydrolase With Broad Substrate Specificity From <i>Lactobacillus paragasseri</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 810872.	1.5	5
40	Hadean Primordial Metabolism Pathway Driven by a Nuclear Geyser. <i>Journal of Geography (Chigaku)</i> Tj ETQq0 0 0 0.1 /Overlock 10 Tf 5	0.1	2
41	Molecular Evolution of [NiFe] Hydrogenase-related Energy Conservation Systems. <i>Journal of Geography (Chigaku Zasshi)</i> , 2020, 129, 825-835.	0.1	2
42	Complete Genome Sequence of Atopobiaceae Bacterium Strain P1, Isolated from Mouse Feces. <i>Microbiology Resource Announcements</i> , 2021, 10, e0062721.	0.3	1
43	Draft Genome Sequence of Novel Filterable Rhodospirillales Bacterium Strain TMPK1, Isolated from Soil. <i>Microbiology Resource Announcements</i> , 2021, 10, e0039321.	0.3	1
44	Complete Genome Sequence of <i>Lactobacillus helveticus</i> JCM 1004, an Aminopeptidase-Producing Lactic Acid Bacterium. <i>Microbiology Resource Announcements</i> , 2021, 10, e0064121.	0.3	1
45	Draft Genome Sequence of Bryobacteraceae Strain F-183. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045321.	0.3	1
46	Complete Genome Sequence of <i>Luteitalea</i> sp. Strain TBR-22. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045521.	0.3	1
47	Microbial Community Structure Analysis of Landfill Leachate-Treating Reactor by Using Molecular and Cultivation Techniques. <i>Journal of Japan Society of Civil Engineers Ser C (Environmental)</i> Tj ETQq1 1 0.784314 0.1 /Overdock 10 Tf	0.1	0
48	<b>Culturing uncultured microorganisms in the revolutionized sequencing era </b>. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2013, 24, 26-33.	0.1	0