

Koichi Watanabe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2146588/publications.pdf>

Version: 2024-02-01

67
papers

8,171
citations

126907

33
h-index

91884

69
g-index

70
all docs

70
docs citations

70
times ranked

7496
citing authors

#	ARTICLE	IF	CITATIONS
1	A taxonomic note on the genus <i>Lactobacillus</i> : Description of 23 novel genera, emended description of the genus <i>Lactobacillus</i> Beijerinck 1901, and union of <i>Lactobacillaceae</i> and <i>Leuconostocaceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2782-2858.	1.7	2,775
2	Use of 16S rRNA Gene-Targeted Group-Specific Primers for Real-Time PCR Analysis of Predominant Bacteria in Human Feces. <i>Applied and Environmental Microbiology</i> , 2004, 70, 7220-7228.	3.1	581
3	Development of 16S rRNA-Gene-Targeted Group-Specific Primers for the Detection and Identification of Predominant Bacteria in Human Feces. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5445-5451.	3.1	576
4	Review: Diversity of Microorganisms in Global Fermented Foods and Beverages. <i>Frontiers in Microbiology</i> , 2016, 7, 377.	3.5	520
5	Quantitative PCR with 16S rRNA-Gene-Targeted Species-Specific Primers for Analysis of Human Intestinal Bifidobacteria. <i>Applied and Environmental Microbiology</i> , 2004, 70, 167-173.	3.1	418
6	Distribution of Bifidobacterial Species in Human Intestinal Microflora Examined with 16S rRNA-Gene-Targeted Species-Specific Primers. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4506-4512.	3.1	386
7	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	3.3	221
8	Degradation of Estrogens by <i>Rhodococcus zopfii</i> and <i>Rhodococcus equi</i> Isolates from Activated Sludge in Wastewater Treatment Plants. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5283-5289.	3.1	179
9	Identification, Detection, and Enumeration of Human Bifidobacterium Species by PCR Targeting the Transaldolase Gene. <i>Applied and Environmental Microbiology</i> , 2002, 68, 2420-2427.	3.1	166
10	Diversity of lactic acid bacteria and yeasts in Airag and Tarag, traditional fermented milk products of Mongolia. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 1313-1325.	3.6	145
11	Survival of a probiotic, <i>Lactobacillus casei</i> strain Shirota, in the gastrointestinal tract: Selective isolation from faeces and identification using monoclonal antibodies. <i>International Journal of Food Microbiology</i> , 1999, 48, 51-57.	4.7	143
12	Rapid identification of human intestinal bifidobacteria by 16S rRNA-targeted species- and group-specific primers. <i>FEMS Microbiology Letters</i> , 1998, 167, 113-121.	1.8	132
13	Phylogenetic Analysis of the Genus <i>Bifidobacterium</i> and Related Genera Based on 16S rDNA Sequences. <i>Microbiology and Immunology</i> , 1998, 42, 661-667.	1.4	121
14	Bacterial Composition and Diversity in Breast Milk Samples from Mothers Living in Taiwan and Mainland China. <i>Frontiers in Microbiology</i> , 2017, 8, 965.	3.5	114
15	Diversity of lactic acid bacteria in suan-tsai and fu-tsai, traditional fermented mustard products of Taiwan. <i>International Journal of Food Microbiology</i> , 2009, 135, 203-210.	4.7	98
16	Identification and quantification of <i>Lactobacillus casei</i> strain Shirota in human feces with strain-specific primers derived from randomly amplified polymorphic DNA. <i>International Journal of Food Microbiology</i> , 2008, 126, 210-215.	4.7	94
17	Diversity of lactic acid bacteria in fermented brines used to make stinky tofu. <i>International Journal of Food Microbiology</i> , 2008, 123, 134-141.	4.7	93
18	Comprehensive analysis of the fecal microbiota of healthy Japanese adults reveals a new bacterial lineage associated with a phenotype characterized by a high frequency of bowel movements and a lean body type. <i>BMC Microbiology</i> , 2016, 16, 284.	3.3	92

#	ARTICLE	IF	CITATIONS
19	<i>Lactobacillus kisonensis</i> sp. nov., <i>Lactobacillus otakiensis</i> sp. nov., <i>Lactobacillus rapi</i> sp. nov. and <i>Lactobacillus sunkii</i> sp. nov., heterofermentative species isolated from sunki, a traditional Japanese pickle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 754-760.	1.7	76
20	<i>Bifidobacterium mongoliense</i> sp. nov., from airag, a traditional fermented mare's milk product from Mongolia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1535-1540.	1.7	75
21	Identification and Typing of <i>Lactococcus lactis</i> by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4055-4062.	3.1	70
22	Identification and Classification for the <i>Lactobacillus casei</i> Group. <i>Frontiers in Microbiology</i> , 2018, 9, 1974.	3.5	67
23	Multilocus sequence typing reveals a novel subspeciation of <i>Lactobacillus delbrueckii</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 727-738.	1.8	63
24	<i>Lactobacillus equi</i> sp. nov., a predominant intestinal <i>Lactobacillus</i> species of the horse isolated from faeces of healthy horses.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 211-214.	1.7	48
25	Pyrosequencing Analysis of the Microbial Diversity of Airag, Khoormog and Tarag, Traditional Fermented Dairy Products of Mongolia. <i>Bioscience of Microbiota, Food and Health</i> , 2014, 33, 53-64.	1.8	46
26	<i>Lactobacillus futsaii</i> sp. nov., isolated from fu-tsai and suan-tsai, traditional Taiwanese fermented mustard products. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 489-494.	1.7	45
27	<i>Lactobacillus saniviri</i> sp. nov. and <i>Lactobacillus senioris</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 601-607.	1.7	44
28	Ethnic diversity of gut microbiota: Species characterization of <i>Bacteroides fragilis</i> group and genus <i>Bifidobacterium</i> in healthy Belgian adults, and comparison with data from Japanese subjects. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 265-270.	2.2	39
29	<i>Lactobacillus capillatus</i> sp. nov., a motile bacterium isolated from stinky tofu brine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2555-2559.	1.7	37
30	Quantitative Detection of Viable <i>Bifidobacterium bifidum</i> BF-1 Cells in Human Feces by Using Propidium Monoazide and Strain-Specific Primers. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2182-2188.	3.1	37
31	<i>Bifidobacterium myosotis</i> sp. nov., <i>Bifidobacterium tissieri</i> sp. nov. and <i>Bifidobacterium hapali</i> sp. nov., isolated from faeces of baby common marmosets (<i>Callithrix jacchus</i> L.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 255-265.	1.7	37
32	Subspeciation of <i>Bifidobacterium longum</i> by multilocus approaches and amplified fragment length polymorphism: Description of <i>B. longum</i> subsp. <i>suillum</i> subsp. nov., isolated from the faeces of piglets. <i>Systematic and Applied Microbiology</i> , 2015, 38, 305-314.	2.8	36
33	Genome-based reclassification of <i>Lactobacillus casei</i> : emended classification and description of the species <i>Lactobacillus zeae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3755-3762.	1.7	36
34	Lactic acid bacteria isolated from ethnic preserved meat products of the Western Himalayas. <i>Food Microbiology</i> , 2011, 28, 1308-1315.	4.2	35
35	Development and evaluation of a real-time quantitative PCR assay for detection and enumeration of yeasts of public health interest in dairy products. <i>International Journal of Food Microbiology</i> , 2010, 140, 76-83.	4.7	34
36	<i>Lactobacillus delbrueckii</i> subsp. <i>sunkii</i> subsp. nov., isolated from sunki, a traditional Japanese pickle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2643-2649.	1.7	31

#	ARTICLE	IF	CITATIONS
37	Polyphasic characterization of a novel species in the <i>Lactobacillus casei</i> group from cow manure of Taiwan: Description of <i>L. chiayiensis</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2018, 41, 270-278.	2.8	27
38	<i>Bifidobacterium catulorum</i> sp. nov., a novel taxon from the faeces of the baby common marmoset (<i>Callithrix jacchus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 575-581.	1.7	27
39	Reclassification of <i>Eubacterium desmolans</i> as <i>Butyrivicoccus desmolans</i> comb. nov., and description of <i>Butyrivicoccus faeihominis</i> sp. nov., a butyrate-producing bacterium from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4125-4131.	1.7	26
40	<i>Lactobacillus odoratitofui</i> sp. nov., isolated from stinky tofu brine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2903-2907.	1.7	25
41	<i>Bifidobacterium jacchi</i> sp. nov., isolated from the faeces of a baby common marmoset (<i>Callithrix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 23	1.7	23
42	Characterization of <i>Bifidobacterium</i> species in faeces of the Egyptian fruit bat: Description of <i>B. vesperilionis</i> sp. nov. and <i>B. rousetti</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2019, 42, 126017.	2.8	22
43	<i>Lactobacillus plantarum</i> TWK10 Attenuates Aging-Associated Muscle Weakness, Bone Loss, and Cognitive Impairment by Modulating the Gut Microbiome in Mice. <i>Frontiers in Nutrition</i> , 2021, 8, 708096.	3.7	22
44	Isolation and identification of cultivable <i>Bifidobacterium</i> spp. from the faeces of 5 baby common marmosets (<i>Callithrix jacchus</i> L.). <i>Anaerobe</i> , 2015, 33, 101-104.	2.1	21
45	Development of multiplex loop-mediated isothermal amplification assays to detect medically important yeasts in dairy products. <i>FEMS Microbiology Letters</i> , 2014, 357, n/a-n/a.	1.8	20
46	<i>Fructobacillus papyriferae</i> sp. nov., <i>Fructobacillus papyrifericola</i> sp. nov., <i>Fructobacillus broussonetiae</i> sp. nov. and <i>Fructobacillus parabroussonetiae</i> sp. nov., isolated from paper mulberry in Taiwan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	20
47	The diversity of lactic acid bacteria in a traditional Taiwanese millet alcoholic beverage during fermentation. <i>LWT - Food Science and Technology</i> , 2013, 51, 135-142.	5.2	17
48	Reclassification of <i>Micrococcus aloeverae</i> and <i>Micrococcus yunnanensis</i> as later heterotypic synonyms of <i>Micrococcus luteus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3512-3518.	1.7	17
49	<i>Lactobacillus bambusae</i> sp. nov., isolated from traditional fermented ma bamboo shoots in Taiwan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2424-2430.	1.7	17
50	<i>Lactobacillus suantsaicola</i> sp. nov. and <i>Lactobacillus suantsaiihabitans</i> sp. nov., isolated from suan-tsai, a traditional fermented mustard green product of Taiwan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2972-2980.	1.7	17
51	<i>Lactobacillus durianis</i> Leisner et al. 2002 is a later heterotypic synonym of <i>Lactobacillus vaccinoferus</i> Kozaki and Okada 1983. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1721-1724.	1.7	15
52	Up to Species-level Community Analysis of Human Gut Microbiota by 16S rRNA Amplicon Pyrosequencing. <i>Bioscience of Microbiota, Food and Health</i> , 2013, 32, 69-76.	1.8	15
53	<i>Weissella muntiacci</i> sp. nov., isolated from faeces of Formosan barking deer (<i>Muntiacus reevesi</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1578-1584.	1.7	15
54	<i>Prevotella hominis</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4767-4773.	1.7	13

#	ARTICLE	IF	CITATIONS
55	Bifidobacteria in two-toed sloths (<i>Choloepus didactylus</i>): phylogenetic characterization of the novel taxon <i>Bifidobacterium choloepi</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6115-6125.	1.7	13
56	Quantitative Detection of Viable <i>Bifidobacterium bifidum</i> BF-1 Cells in Human Feces by Using Propidium Monoazide and Strain-Specific Primers. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2326-2326.	3.1	11
57	Microbial Diversity Analysis of Fermented Mung Beans (Lu-Doh-Huang) by Using Pyrosequencing and Culture Methods. <i>PLoS ONE</i> , 2013, 8, e63816.	2.5	10
58	<i>Lactobacillus suantsaii</i> sp. nov., isolated from suan-tsai, a traditional Taiwanese fermented mustard green. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1484-1489.	1.7	10
59	<i>Alloscardovia theropitheci</i> sp. nov., isolated from the faeces of gelada baboon, the 'bleeding heart' monkey (<i>Theropithecus gelada</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3041-3048.	1.7	9
60	Safety Assessment of <i>Lactiplantibacillus plantarum</i> TWK10 Based on Whole-Genome Sequencing, Phenotypic, and Oral Toxicity Analysis. <i>Microorganisms</i> , 2022, 10, 784.	3.6	9
61	Developing novel species-specific DNA markers for PCR-based species identification of the <i>Lactobacillus sakei</i> group. <i>Letters in Applied Microbiology</i> , 2018, 66, 138-144.	2.2	8
62	<i>Vagococcus silagei</i> sp. nov., isolated from brewer's grain used to make silage in Taiwan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1953-1960.	1.7	8
63	Phylogenetic characterization of two novel species of the genus <i>Bifidobacterium</i> : <i>Bifidobacterium saimirisciurei</i> sp. nov. and <i>Bifidobacterium platyrrhinorum</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126111.	2.8	6
64	Diversity of lactic acid bacteria and yeasts in Airag and Tarag, traditional fermented milk products of Mongolia. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2011, 22, 153-161.	0.1	5
65	Development of a High-Resolution Single-Nucleotide Polymorphism Strain-Typing Assay Using Whole Genome-Based Analyses for the <i>Lactobacillus acidophilus</i> Probiotic Strain. <i>Microorganisms</i> , 2020, 8, 1445.	3.6	4
66	Simple and rapid method for the detection of <i>Filobasidiella neoformans</i> in a probiotic dairy product by using loop-mediated isothermal amplification. <i>International Journal of Food Microbiology</i> , 2014, 178, 107-112.	4.7	2
67	<i>Lactobacillus saniviri</i> sp. nov. and <i>Lactobacillus senioris</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1441-1441.	1.7	0