

Koichi Watanabe

List of Publications by Year in descending order

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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	Fructobacillus papyriferae sp. nov., Fructobacillus papyrifericola sp. nov., Fructobacillus broussonetiae sp. nov. and Fructobacillus parabroussonetiae sp. nov., isolated from paper mulberry in Taiwan. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	20
2	Safety Assessment of Lactiplantibacillus plantarum TWK10 Based on Whole-Genome Sequencing, Phenotypic, and Oral Toxicity Analysis. Microorganisms, 2022, 10, 784.	3.6	9
3	Lactobacillus plantarum TWK10 Attenuates Aging-Associated Muscle Weakness, Bone Loss, and Cognitive Impairment by Modulating the Gut Microbiome in Mice. Frontiers in Nutrition, 2021, 8, 708096.	3.7	22
4	Development of a High-Resolution Single-Nucleotide Polymorphism Strain-Typing Assay Using Whole Genome-Based Analyses for the Lactobacillus acidophilus Probiotic Strain. Microorganisms, 2020, 8, 1445.	3.6	4
5	Phylogenetic characterization of two novel species of the genus Bifidobacterium: Bifidobacterium saimirisciurei sp. nov. and Bifidobacterium platyrrhinorum sp. nov.. Systematic and Applied Microbiology, 2020, 43, 126111.	2.8	6
6	Weissella muntiaci sp. nov., isolated from faeces of Formosan barking deer (Muntiacus reevesi). International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1578-1584.	1.7	15
7	Genome-based reclassification of Lactobacillus casei: emended classification and description of the species Lactobacillus zeae. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3755-3762.	1.7	36
8	A taxonomic note on the genus Lactobacillus: Description of 23 novel genera, emended description of the genus Lactobacillus Beijerinck 1901, and union of Lactobacillaceae and Leuconostocaceae. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2782-2858.	1.7	2,775
9	Prevotella hominis sp. nov., isolated from human faeces. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4767-4773.	1.7	13
10	Bifidobacteria in two-toed sloths (Choloepus didactylus): phylogenetic characterization of the novel taxon Bifidobacterium choloepi sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 6115-6125.	1.7	13
11	Lactobacillus suantsaicola sp. nov. and Lactobacillus suantsaiihabitans sp. nov., isolated from suan-tsai, a traditional fermented mustard green product of Taiwan. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2972-2980.	1.7	17
12	Vagococcus silagei sp. nov., isolated from brewer's grain used to make silage in Taiwan. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1953-1960.	1.7	8
13	Characterization of Bifidobacterium species in faeces of the Egyptian fruit bat: Description of B. vespertilionis sp. nov. and B. roussetti sp. nov.. Systematic and Applied Microbiology, 2019, 42, 126017.	2.8	22
14	Lactobacillus suantsaii sp. nov., isolated from suan-tsai, a traditional Taiwanese fermented mustard green. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1484-1489.	1.7	10
15	Bifidobacterium jacchi sp. nov., isolated from the faeces of a baby common marmoset (Callithrix Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	23
16	Reclassification of Micrococcus aloeverae and Micrococcus yunnanensis as later heterotypic synonyms of Micrococcus luteus. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3512-3518.	1.7	17
17	Alloscardovia theropithecii sp. nov., isolated from the faeces of gelada baboon, the 'bleeding heart' monkey (Theropithecus gelada). International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3041-3048.	1.7	9
18	Polyphasic characterization of a novel species in the Lactobacillus casei group from cow manure of Taiwan: Description of L. chiayiensis sp. nov.. Systematic and Applied Microbiology, 2018, 41, 270-278.	2.8	27

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19	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
20	Identification and Classification for the <i>Lactobacillus casei</i> Group. <i>Frontiers in Microbiology</i> , 2018, 9, 1974.	3.5	67
21	<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
22	<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
23	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
24	Review: Diversity of Microorganisms in Global Fermented Foods and Beverages. <i>Frontiers in Microbiology</i> , 2016, 7, 377.	3.5	520
25	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
26	<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
27	Reclassification of <i>Eubacterium desmolans</i> as <i>Butyricicoccus desmolans</i> comb. nov., and description of <i>Butyricicoccus faecihominis</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
28	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	3.3	221
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	<i>Lactobacillus delbrueckii</i> subsp. <i>sunkii</i> subsp. nov., isolated from <i>sunki</i> , a traditional Japanese pickle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2643-2649.	1.7	31
41	<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
42	<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
43	<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
44	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
45	Lactic acid bacteria isolated from ethnic preserved meat products of the Western Himalayas. <i>Food Microbiology</i> , 2011, 28, 1308-1315.	4.2	35
46	Multilocus sequence typing reveals a novel subspeciation of <i>Lactobacillus delbrueckii</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 727-738.	1.8	63
47	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
48	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
49	<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
50	<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 <i>sunki</i> , a traditional Japanese pickle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 754-760.	1.7	76
51	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
52	<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
53	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
54	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

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55	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
56	<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
57	<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
58	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
59	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
60	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
61	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
62	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
63	<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
64	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
65	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
66	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
67	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