Hajime Takahashi

List of Publications by Year in descending order

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186265 276875 2,319 114 28 41 citations h-index g-index papers 114 114 114 2498 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Cloning and Sequencing of the Histidine Decarboxylase Genes of Gram-Negative, Histamine-Producing Bacteria and Their Application in Detection and Identification of These Organisms in Fish. Applied and Environmental Microbiology, 2003, 69, 2568-2579.	3.1	110
2	Risk of <i>Listeria monocytogenes</i> Contamination of Raw Ready-To-Eat Seafood Products Available at Retail Outlets in Japan. Applied and Environmental Microbiology, 2010, 76, 3383-3386.	3.1	78
3	Anti-inflammatory properties of fermented soy milk with Lactococcus lactis subsp. lactis S-SU2 in murine macrophage RAW264.7 cells and DSS-induced IBD model mice. International Immunopharmacology, 2015, 26, 295-303.	3.8	76
4	Cellular hydrophobicity of Listeria monocytogenes involves initial attachment and biofilm formation on the surface of polyvinyl chloride. Letters in Applied Microbiology, 2010, 50, 618-625.	2.2	72
5	In vitro antioxidant and anti-inflammation properties of lactic acid bacteria isolated from fish intestines and fermented fish from the Sanriku Satoumi region in Japan. Food Research International, 2014, 64, 248-255.	6.2	67
6	FLX Pyrosequencing Analysis of the Effects of the Brown-Algal Fermentable Polysaccharides Alginate and Laminaran on Rat Cecal Microbiotas. Applied and Environmental Microbiology, 2013, 79, 860-866.	3.1	66
7	Incidence of Listeria monocytogenes in Raw Seafood Products in Japanese Retail Stores. Journal of Food Protection, 2005, 68, 411-415.	1.7	59
8	Development of a multilocus variable-number of tandem repeat typing method for Listeria monocytogenes serotype 4b strains. International Journal of Food Microbiology, 2008, 124, 239-249.	4.7	56
9	Nonsense-mutated inlA and prfA not widely distributed in Listeria monocytogenes isolates from ready-to-eat seafood products in Japan. International Journal of Food Microbiology, 2007, 117, 312-318.	4.7	55
10	Biofilm Formation Ability of Listeria monocytogenes Isolates from Raw Ready-to-Eat Seafood. Journal of Food Protection, 2009, 72, 1476-1480.	1.7	52
11	Inhibitory effects of laminaran and alginate on production of putrefactive compounds from soy protein by intestinal microbiota in vitro and in rats. Carbohydrate Polymers, 2016, 143, 61-69.	10.2	51
12	Bacterial and fungal microbiota of spontaneously fermented Chinese products, Rubing milk cake and Yan-cai vegetable pickles. Food Microbiology, 2018, 72, 106-111.	4.2	49
13	Microbial and chemical properties of aji-no-susu, a traditional fermented fish with rice product in the Noto Peninsula, Japan. Fisheries Science, 2009, 75, 1499-1506.	1.6	45
14	Photobacterium histaminum Okuzumi et al. 1994 is a later subjective synonym of Photobacterium damselae subsp. damselae (Love et al. 1981) Smith et al. 1991 International Journal of Systematic and Evolutionary Microbiology, 2000, 50, 1339-1342.	1.7	44
15	Anti-glycation properties of the aqueous extract solutions of dried algae products and effect of lactic acid fermentation on the properties. Food Chemistry, 2016, 192, 1109-1115.	8.2	43
16	Inhibitory effects of soybean oligosaccharides and water-soluble soybean fibre on formation of putrefactive compounds from soy protein by gut microbiota. International Journal of Biological Macromolecules, 2017, 97, 173-180.	7.5	43
17	Lactobacillus plantarum AN1 cells increase caecal L. reuteri in an ICR mouse model of dextran sodium sulphate-induced inflammatory bowel disease. International Immunopharmacology, 2018, 56, 119-127.	3.8	41
18	Use of ferulic acid as a novel candidate of growth inhibiting agent against Listeria monocytogenes in ready-to-eat food. Food Control, 2013, 33, 244-248.	5 . 5	40

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19	Real-time PCR and enrichment culture for sensitive detection and enumeration of Escherichia coli. Journal of Microbiological Methods, 2009, 79, 124-127.	1.6	39
20	Development of quantitative real-time PCR for detection and enumeration of Enterobacteriaceae. International Journal of Food Microbiology, 2017, 246, 92-97.	4.7	36
21	Effect of quantity of food residues on resistance to desiccation of food-related pathogens adhered to a stainless steel surface. Food Microbiology, 2015, 46, 234-238.	4.2	35
22	Matrix-assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry (MALDI-TOF MS) Can Precisely Discriminate the Lineages of Listeria monocytogenes and Species of Listeria. PLoS ONE, 2016, 11, e0159730.	2.5	34
23	Antioxidant and fermentation properties of aqueous solutions of dried algal products from the Boso Peninsula, Japan. Food Bioscience, 2017, 19, 85-91.	4.4	33
24	Difference of genotypic and phenotypic characteristics and pathogenicity potential of Photobacterium damselae subsp. damselae between clinical and environmental isolates from Japan. Microbial Pathogenesis, 2008, 45, 150-158.	2.9	32
25	Multiple-locus variable-number of tandem-repeats analysis distinguishes Vibrio parahaemolyticus pandemic O3:K6 strains. Journal of Microbiological Methods, 2008, 72, 313-320.	1.6	32
26	Use of Commercially Available Antimicrobial Compounds for Prevention of Listeria monocytogenes Growth in Ready-to-Eat Minced Tuna and Salmon Roe during Shelf Life. Journal of Food Protection, 2011, 74, 994-998.	1.7	32
27	Effect of Food Residues on Norovirus Survival on Stainless Steel Surfaces. PLoS ONE, 2011, 6, e21951.	2.5	32
28	Next-generation sequencing reveals predominant bacterial communities during fermentation of Thai fish sauce in large manufacturing plants. LWT - Food Science and Technology, 2019, 114, 108375.	5.2	30
29	Effects of environmental factors on histamine production in the psychrophilic histamine-producing bacterium Photobacterium iliopiscarium. Food Control, 2015, 52, 39-42.	5.5	29
30	Distribution of psychrophilic and mesophilic histamine-producing bacteria in retailed fish in Japan. Food Control, 2014, 46, 338-342.	5.5	28
31	Effects of Lactobacillus plantarum Uruma-SU4 fermented green loofah on plasma lipid levels and gut microbiome of high-fat diet fed mice. Food Research International, 2019, 121, 817-824.	6.2	28
32	Effect of paired antimicrobial combinations on Listeria monocytogenes growth inhibition in ready-to-eat seafood products. Food Control, 2012, 26, 397-400.	5.5	27
33	Effect of sodium-alginate and laminaran on Salmonella Typhimurium infection in human enterocyte-like HT-29-Luc cells and BALB/c mice. Carbohydrate Polymers, 2015, 125, 113-119.	10.2	27
34	Anti-glycation properties of the aqueous extract solutions of dried algae products harvested and made in the Miura Peninsula, Japan, and effect of lactic acid fermentation on the properties. Journal of Applied Phycology, 2016, 28, 3617-3624.	2.8	26
35	Discrimination of live and dead cells of Escherichia coli using propidium monoazide after sodium dodecyl sulfate treatment. Food Control, 2017, 71, 79-82.	5.5	26
36	Protective effects of rice bran fermented by Saccharomyces cerevisiae Misaki-1 and Lactobacillus plantarum Sanriki-SU8 in dextran sodium sulphate-induced inflammatory bowel disease model mice. Food Bioscience, 2016, 16, 44-49.	4.4	25

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37	Investigation of Kokumi Substances and Bacteria in Thai Fermented Freshwater Fish (Pla-ra). Journal of Agricultural and Food Chemistry, 2020, 68, 10345-10351.	5.2	25
38	Heat-denatured lysozyme could be a novel disinfectant for reducing hepatitis A virus and murine norovirus on berry fruit. International Journal of Food Microbiology, 2018, 266, 104-108.	4.7	23
39	Bacterial and fungal microbiota in traditional Bangladeshi fermented milk products analysed by culture-dependent and culture-independent methods. Food Research International, 2018, 111, 431-437.	6.2	22
40	Design of a New Universal Real-Time PCR System Targeting the tuf Gene for the Enumeration of Bacterial Counts in Food. Journal of Food Protection, 2010, 73, 670-679.	1.7	21
41	Analysis of the growth of histamine-producing bacteria and histamine accumulation in fish during storage at low temperatures. Food Control, 2012, 26, 174-177.	5. 5	21
42	Development of a controlling method for Escherichia coli O157:H7 and Salmonella spp. in fresh market beef by using polylysine and modified atmosphere packaging. Food Control, 2014, 37, 62-67.	5.5	21
43	Induction of the histidine decarboxylase genes of <i>Photobacterium damselae</i> subsp. <i>damselae</i> (formally <i>P. histaminum</i>) at low pH. Journal of Applied Microbiology, 2009, 107, 485-497.	3.1	20
44	PCR-DGGE analysis of bacterial communities in funazushi, fermented crucian carp with rice, during fermentation. Fisheries Science, 2011, 77, 151-157.	1.6	20
45	Effects of rice bran and fermented rice bran suspensions on caecal microbiota in dextran sodium sulphate-induced inflammatory bowel disease model mice. Food Bioscience, 2018, 25, 8-14.	4.4	20
46	Heat-Denatured Lysozyme Inactivates Murine Norovirus as a Surrogate Human Norovirus. Scientific Reports, 2015, 5, 11819.	3.3	19
47	Growth inhibition effects of ferulic acid and glycine/sodium acetate onÂListeria monocytogenes in coleslaw and egg salad. Food Control, 2015, 57, 105-109.	5. 5	18
48	Adaptation of <i>Campylobacter jejuni</i> to biocides used in the food industry affects biofilm structure, adhesion strength, and cross-resistance to clinical antimicrobial compounds. Biofouling, 2016, 32, 827-839.	2.2	18
49	Detection and isolation of protein susceptible indigenous bacteria affected by dietary milk-casein, albumen and soy-protein in the caecum of ICR mice. International Journal of Biological Macromolecules, 2020, 144, 813-820.	7. 5	18
50	Antioxidant and anti-norovirus properties of aqueous acetic acid macromolecular extracts of edible brown macroalgae. LWT - Food Science and Technology, 2021, 141, 110942.	5.2	18
51	Evaluation of the antibacterial activity of allyl isothiocyanate, clove oil, eugenol and carvacrol against spoilage lactic acid bacteria. LWT - Food Science and Technology, 2021, 145, 111263.	5.2	18
52	Highly discriminatory typing method for Listeria monocytogenes using polymorphic tandem repeat regions. Journal of Microbiological Methods, 2012, 90, 285-291.	1.6	17
53	Protective Effects of Mekabu Aqueous Solution Fermented by Lactobacillus plantarum Sanriku-SU7 on Human Enterocyte-Like HT-29-luc Cells and DSS-Induced Murine IBD Model. Probiotics and Antimicrobial Proteins, 2017, 9, 48-55.	3.9	17
54	Multilocus variable-number of tandem repeat analysis (MLVA) for Clostridium tyrobutyricum strains isolated from cheese production environment. International Journal of Food Microbiology, 2014, 190, 61-65.	4.7	16

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55	Effect of Lactobacillus plantarum Tennozu-SU2 on Salmonella Typhimurium Infection in Human Enterocyte-Like HT-29-Luc Cells and BALB/c Mice. Probiotics and Antimicrobial Proteins, 2017, 9, 64-70.	3.9	16
56	Effects of edible algae on caecal microbiomes of ICR mice fed a high-sucrose and low–dietary fibre diet. Journal of Applied Phycology, 2019, 31, 3969-3978.	2.8	16
57	In vitro antioxidant, anti-glycation and immunomodulation activities of fermented blue-green algae Aphanizomenon flos-aquae. Molecular Biology Reports, 2019, 46, 1775-1786.	2.3	16
58	Establishment of a Simple and Rapid Identification Method for Listeria spp. by Using High-Resolution Melting Analysis, and Its Application in Food Industry. PLoS ONE, 2014, 9, e99223.	2.5	16
59	Comparison of the major virulence-related genes of Listeria monocytogenes in Internalin A truncated strain 36-25-1 and a clinical wild-type strain. BMC Microbiology, 2014, 14, 15.	3.3	15
60	Effect of glucose on <i>Listeria monocytogenes</i> biofilm formation, and assessment of the biofilm's sanitation tolerance. Biofouling, 2016, 32, 815-826.	2.2	15
61	Viability of murine norovirus in salads and dressings and its inactivation using heat-denatured lysozyme. International Journal of Food Microbiology, 2016, 233, 29-33.	4.7	15
62	Direct Detection and Identification of Lactic Acid Bacteria in a Food Processing Plant and in Meat Products Using Denaturing Gradient Gel Electrophoresis. Journal of Food Protection, 2004, 67, 2515-2520.	1.7	14
63	Genetic Characteristics of Japanese Clinical Listeria monocytogenes Isolates. PLoS ONE, 2015, 10, e0122902.	2.5	14
64	Development of multilocus single strand conformation polymorphism (MLSSCP) analysis of virulence genes of Listeria monocytogenes and comparison with existing DNA typing methods. International Journal of Food Microbiology, 2007, 118, 274-284.	4.7	12
65	Typical gut indigenous bacteria in ICR mice fed a soy protein-based normal or low-protein diet. Current Research in Food Science, 2021, 4, 295-300.	5.8	11
66	Listeria monocytogenes develops no resistance to ferulic acid after exposure to low concentrations. Food Control, 2015, 47, 560-563.	5.5	9
67	Protective effects of heat-killed <i>Lactococcus lactis</i> subsp. <i>lactis</i> BF3, isolated from the intestine of chum salmon, in a murine model of DSS-induced inflammatory bowel disease. Bioscience of Microbiota, Food and Health, 2016, 35, 137-140.	1.8	9
68	Viability and heat resistance of murine norovirus on bread. International Journal of Food Microbiology, 2016, 216, 127-131.	4.7	9
69	Induction of gut Lactobacillus reuteri in normal ICR mice by oral administration of L. plantarum AN1. Journal of Food Biochemistry, 2018, 42, e12589.	2.9	9
70	Effect of rice bran fermented with Saccharomyces cerevisiae and Lactobacillus plantarum on gut microbiome of mice fed high-sucrose diet. Beneficial Microbes, 2019, 10, 811-821.	2.4	9
71	Susceptibility of gut indigenous lactic acid bacteria in BALB/c mice to oral administered <i>Lactobacillus plantarum</i> . International Journal of Food Sciences and Nutrition, 2019, 70, 53-62.	2.8	8
72	Impact of pH and protein hydrophobicity on norovirus inactivation by heat-denatured lysozyme. PLoS ONE, 2020, 15, e0237888.	2.5	8

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73	Development of New Multilocus Variable Number of Tandem Repeat Analysis (MLVA) for Listeria innocua and Its Application in a Food Processing Plant. PLoS ONE, 2014, 9, e105803.	2.5	8
74	Pyrosequencing analysis of the microbiota of kusaya gravy obtained from Izu Islands. International Journal of Food Microbiology, 2016, 238, 320-325.	4.7	7
75	A novel typing method for Listeria monocytogenes using high-resolution melting analysis (HRMA) of tandem repeat regions. International Journal of Food Microbiology, 2017, 253, 36-42.	4.7	7
76	Efficacy of Propidium Monoazide on Quantitative Real-Time PCR–Based Enumeration of Staphylococcus aureus Live Cells Treated with Various Sanitizers. Journal of Food Protection, 2018, 81, 1815-1820.	1.7	7
77	Evaluation of Petrifilm Lactic Acid Bacteria Plates for Counting Lactic Acid Bacteria in Food. Journal of Food Protection, 2018, 81, 1030-1034.	1.7	7
78	Typical indigenous bacteria in the cecum of ddY mice fed a casein–beef tallow diet or wholeâ€egg diet. Journal of Food Biochemistry, 2019, 43, e13064.	2.9	7
79	Evaluation of Inactivation of Murine Norovirus in Inoculated Shell Oysters by High Hydrostatic Pressure Treatment. Journal of Food Protection, 2019, 82, 2169-2173.	1.7	7
80	Use of Single-Strand Conformation Polymorphism of Amplified 16S rDNA for Grouping of Bacteria Isolated from Foods. Journal of Food Protection, 2008, 71, 839-844.	1.7	6
81	Development of Multiple-Locus Variable-Number Tandem-Repeat Analysis for Molecular Subtyping of Campylobacter jejuni by Using Capillary Electrophoresis. Applied and Environmental Microbiology, 2015, 81, 5318-5325.	3.1	6
82	In vitro antioxidant and anti-glycation properties of Sargassum horneri from golden tides on the South Korean coast and the effect on gut microbiota of mice fed a high-sucrose and low-fibre diet. Journal of Applied Phycology, 2022, 34, 2211-2222.	2.8	6
83	A Quantitative Real-Time PCR Method for Monitoring Clostridium botulinum Type A in Rice Samples. Journal of Food Protection, 2010, 73, 688-694.	1.7	5
84	A rapid typing method for Listeria monocytogenes based on high-throughput multilocus sequence typing (Hi-MLST). International Journal of Food Microbiology, 2017, 243, 84-89.	4.7	5
85	Effects of fermented green-loofah and green-papaya on nitric oxide secretion from murine macrophage raw 264.7 cells. Molecular Biology Reports, 2018, 45, 1013-1021.	2.3	5
86	Detection and isolation of the typical gut indigenous bacteria from ddY mice fed a caseinâ€beef tallowâ€based or egg yolkâ€based diet. Journal of Food Biochemistry, 2020, 44, e13246.	2.9	5
87	Effects of fermented Aphanizomenon flos-aquae on the caecal microbiome of mice fed a high-sucrose and low-dietary fibre diet. Journal of Applied Phycology, 2021, 33, 397-407.	2.8	5
88	Analysis of Bacterial Communities in Kusaya Gravy by Denaturing Gradient Gel Electrophoresis of PCR-Amplified Ribosomal DNA Fragments Japanese Journal of Food Microbiology, 2002, 19, 179-185.	0.2	5
89	Molecular subtyping for source tracking of Escherichia coli using core genome multilocus sequence typing at a food manufacturing plant. PLoS ONE, 2021, 16, e0261352.	2.5	5
90	Differences in the viability of murine norovirus in different aquatic locations. Marine Pollution Bulletin, 2016, 112, 313-317.	5.0	4

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91	A novel biomarker for detection of Listeria species in food processing factory. Food Control, 2017, 73, 1032-1038.	5.5	4
92	Inactivating Effect of Heat-Denatured Lysozyme on Murine Norovirus in Bread Fillings. Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan, 2018, 59, 89-92.	0.2	4
93	Dynamics of microbiota in Japanese Black beef stored for a long time under chilled conditions. Food Microbiology, 2021, 100, 103849.	4.2	4
94	Comparison between the Antimicrobial Activity of Essential Oils and Their Components in the Vapor Phase against Food-related Bacteria. Journal of Oleo Science, 2022, 71, 411-417.	1.4	4
95	Genetic distance in the whole-genome perspective on Listeria monocytogenes strains F2-382 and NIHS-28 that show similar subtyping results. BMC Microbiology, 2014, 14, 309.	3.3	3
96	Draft Genome Sequence of the Histamine-Producing Bacterium Enterobacter kobei Strain 42-12. Microbiology Resource Announcements, 2019, 8, .	0.6	3
97	Evaluation of peptones from chicken waste as a nitrogen source for microâ€organisms. Letters in Applied Microbiology, 2021, 72, 408-414.	2.2	3
98	Effects of Ethanol-Precipitated Argan Press Cake on the Caecal Microbiome of Mice Fed a High-Sucrose Diet. Waste and Biomass Valorization, 2021, 12, 5451-5460.	3.4	3
99	Prevalence of Histamine-Forming Bacteria in Two Kinds of Salted Fish at Town Markets of Guangdong Province of South China. Journal of Food Protection, 2022, 85, 956-960.	1.7	3
100	Whole-Genome Sequence of Listeria newyorkensis, Isolated from River Water in Japan. Microbiology Resource Announcements, 2019, 8, .	0.6	2
101	Detection and isolation of typical gut indigenous bacteria in ICR mice fed wheat bran and wheat straw fibre. Food Chemistry Molecular Sciences, 2022, 4, 100071.	2.1	2
102	Detection and isolation of typical gut indigenous bacteria in mice fed corn starch, bread flourÂor whole wheat flour., 2022, 1, 91-100.		2
103	Development of a novel multi-locus variable-number tandem repeat analysis (MLVA) combined with high resolution melting analysis (HRMA) for Listeria innocua typing and its application in a food processing plant. Food Control, 2016, 70, 302-309.	5 . 5	1
104	Development of the Genus and Species Determination Method for Histamine Producing Bacteria Isolated from Fishery Product with High-Resolution Melting Analysis. Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan, 2019, 60, 168-175.	0.2	1
105	Growth Inhibition of Listeria monocytogenes in Fresh White Cheese by Mustard Oil Microemulsion. Journal of Food Protection, 2022, 85, 1404-1409.	1.7	1
106	Dynamics of microbiota in the imported beef primal cuts during storage at different chilled temperatures. Bioscience, Biotechnology and Biochemistry, 0, , .	1.3	1
107	A Method to Monitor the Occurrence of Injured Bacteria in Processed Foods. Journal of the Japanese Society for Food Science and Technology, 2018, 65, 275-279.	0.1	0
108	Whole-Genome Sequence of a Serotype $1/2b$ Listeria monocytogenes Strain Isolated from Raw Seafood in Japan. Microbiology Resource Announcements, 2019, 8, .	0.6	0

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109	Verification of Expiration Date Determination of Japanese Black Beef Aimed at Chilled Shipping Export. Japanese Journal of Food Microbiology, 2021, 38, 118-122.	0.2	0
110	Detection of low-mineral- and high-salt responsible caecal indigenous bacteria in ICR mice. 3 Biotech, 2022, 12, 59.	2.2	0
111	Impact of pH and protein hydrophobicity on norovirus inactivation by heat-denatured lysozyme., 2020, 15, e0237888.		O
112	Impact of pH and protein hydrophobicity on norovirus inactivation by heat-denatured lysozyme. , 2020, 15, e0237888.		0
113	Impact of pH and protein hydrophobicity on norovirus inactivation by heat-denatured lysozyme., 2020, 15, e0237888.		O
114	Impact of pH and protein hydrophobicity on norovirus inactivation by heat-denatured lysozyme. , 2020, 15, e0237888.		0