## Johanna K Björkroth

List of Publications by Year in descending order

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		50276	79698
114	6,256	46	73
papers	citations	h-index	g-index
122	122	122	4559
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Taxonomy and important features of probiotic microorganisms in food and nutrition. American Journal of Clinical Nutrition, 2001, 73, 365s-373s.	4.7	505
2	Taxonomic study of Weissella confusa and description of Weissella cibaria sp. nov., detected in food and clinical samples International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 141-148.	1.7	261
3	Sources of <i>Listeria monocytogenes</i> Contamination in a Cold-Smoked Rainbow Trout Processing Plant Detected by Pulsed-Field Gel Electrophoresis Typing. Applied and Environmental Microbiology, 1999, 65, 150-155.	3.1	258
4	Characterization of Listeria monocytogenes from an ice cream plant by serotyping and pulsed-field gel electrophoresis. International Journal of Food Microbiology, 1999, 46, 187-192.	4.7	205
5	Molecular Epidemiology of an Outbreak of Febrile Gastroenteritis Caused by <i>Listeria monocytogenes</i> in Cold-Smoked Rainbow Trout. Journal of Clinical Microbiology, 1999, 37, 2358-2360.	3.9	198
6	Lactic acid bacteria and their controversial role in fresh meat spoilage. Meat Science, 2015, 109, 66-74.	5.5	162
7	Characterization of Leuconostoc gasicomitatum sp. nov., Associated with Spoiled Raw Tomato-Marinated Broiler Meat Strips Packaged under Modified-Atmosphere Conditions. Applied and Environmental Microbiology, 2000, 66, 3764-3772.	3.1	124
8	Microbiological ecology of marinated meat products. Meat Science, 2005, 70, 477-480.	5.5	117
9	Microbiological Spoilage and Contamination of Vacuum-Packaged Cooked Sausages. Journal of Food Protection, 1997, 60, 724-731.	1.7	115
10	Identification and Characterization of <i>Leuconostoc carnosum</i> , Associated with Production and Spoilage of Vacuum-Packaged, Sliced, Cooked Ham. Applied and Environmental Microbiology, 1998, 64, 3313-3319.	3.1	112
11	Meat Processing Plant Microbiome and Contamination Patterns of Cold-Tolerant Bacteria Causing Food Safety and Spoilage Risks in the Manufacture of Vacuum-Packaged Cooked Sausages. Applied and Environmental Microbiology, 2015, 81, 7088-7097.	3.1	111
12	Bovine Intramammary Infections Caused by Coagulase-Negative Staphylococci May Persist Throughout Lactation According to Amplified Fragment Length Polymorphism-Based Analysis. Journal of Dairy Science, 2007, 90, 3301-3307.	3.4	106
13	Comparison of microbial communities in marinated and unmarinated broiler meat by metagenomics. International Journal of Food Microbiology, 2012, 157, 142-149.	4.7	101
14	Intraspecies Genomic Groups in Enterococcus faecium and Their Correlation with Origin and Pathogenicity. Applied and Environmental Microbiology, 2002, 68, 1381-1391.	3.1	93
15	Evaluation of Lactobacillus sake Contamination in Vacuum-Packaged Sliced Cooked Meat Products by Ribotyping. Journal of Food Protection, 1996, 59, 398-401.	1.7	85
16	Coagulase-negative staphylococci isolated from bovine extramammary sites and intramammary infections in a single dairy herd. Journal of Dairy Research, 2008, 75, 422-429.	1.4	80
17	Metabolomics and bacterial diversity of packaged yellowfin tuna (Thunnus albacares) and salmon (Salmo salar) show fish species-specific spoilage development during chilled storage. International Journal of Food Microbiology, 2019, 293, 44-52.	4.7	80
18	Prevalence of Listeria monocytogenes in Broilers at the Abattoir, Processing Plant, and Retail Level. Journal of Food Protection, 2001, 64, 994-999.	1.7	77

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19	Development of spoilage bacterial community and volatile compounds in chilled beef under vacuum or high oxygen atmospheres. International Journal of Food Microbiology, 2016, 223, 25-32.	4.7	76
20	Prevalence of <i>Clostridium botulinum</i> in Finnish Trout Farms: Pulsed-Field Gel Electrophoresis Typing Reveals Extensive Genetic Diversity among Type E Isolates. Applied and Environmental Microbiology, 1998, 64, 4161-4167.	3.1	76
21	Characterization of Lactobacillus sake strains associating with production of ropy slime by randomly amplified polymorphic DNA (RAPD) and pulsed-field gel electrophoresis (PFGE) patterns. International Journal of Food Microbiology, 1996, 31, 59-68.	4.7	75
22	Similar Listeria monocytogenes pulsotypes detected in several foods originating from different sources. International Journal of Food Microbiology, 2002, 77, 83-90.	4.7	74
23	Characterization of psychrotrophic bacterial communities in modified atmosphere-packed meat with terminal restriction fragment length polymorphism. International Journal of Food Microbiology, 2011, 144, 360-366.	4.7	73
24	Characterization and identification of lactic acid bacteria in "morcilla de Burgosâ€: International Journal of Food Microbiology, 2005, 97, 285-296.	4.7	71
25	Role of Broiler Carcasses and Processing Plant Air in Contamination of Modified-Atmosphere-Packaged Broiler Products with Psychrotrophic Lactic Acid Bacteria. Applied and Environmental Microbiology, 2007, 73, 1136-1145.	3.1	71
26	rRNA gene restriction patterns as a characterization tool for Lactobacillus sake strains producing ropy slime. International Journal of Food Microbiology, 1996, 30, 293-302.	4.7	69
27	Predominant enterobacteria on modified-atmosphere packaged meat and poultry. Food Microbiology, 2013, 34, 252-258.	4.2	67
28	Spoilage of value-added, high-oxygen modified-atmosphere packaged raw beef steaks by Leuconostoc gasicomitatum and Leuconostoc gelidum. International Journal of Food Microbiology, 2007, 119, 340-345.	4.7	64
29	Genotypes and Enterotoxicity of Staphylococcus aureus Isolated from the Hands and Nasal Cavities of Flight-Catering Employees. Journal of Food Protection, 2000, 63, 1487-1491.	1.7	62
30	Leuconostoc gelidum and Leuconostoc gasicomitatum strains dominated the lactic acid bacterium population associated with strong slime formation in an acetic-acid herring preserve. International Journal of Food Microbiology, 2004, 90, 207-218.	4.7	61
31	Lactobacillus oligofermentans sp. nov., Associated with Spoilage of Modified-Atmosphere-Packaged Poultry Products. Applied and Environmental Microbiology, 2005, 71, 4400-4406.	3.1	61
32	Volatile organic compounds and Photobacterium phosphoreum associated with spoilage of modified-atmosphere-packaged raw pork. International Journal of Food Microbiology, 2016, 218, 86-95.	4.7	61
33	Genera Leuconostoc, Oenococcus and Weissella. , 2006, , 267-319.		60
34	Significance of Heme-Based Respiration in Meat Spoilage Caused by Leuconostoc gasicomitatum. Applied and Environmental Microbiology, 2013, 79, 1078-1085.	3.1	59
35	Use of rRNA gene restriction patterns to evaluate lactic acid bacterium contamination of vacuum-packaged sliced cooked whole-meat product in a meat processing plant. Applied and Environmental Microbiology, 1997, 63, 448-453.	3.1	59
36	Diversity of Proteolytic Clostridium botulinum Strains, Determined by a Pulsed-Field Gel Electrophoresis Approach. Applied and Environmental Microbiology, 2005, 71, 1311-1317.	3.1	57

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37	Leuconostoc gasicomitatum is the dominating lactic acid bacterium in retail modified-atmosphere-packaged marinated broiler meat strips on sell-by-day. International Journal of Food Microbiology, 2003, 80, 89-97.	4.7	56
38	Genome Sequence of a Food Spoilage Lactic Acid Bacterium, Leuconostoc gasicomitatum LMG 18811 <sup>T</sup> , in Association with Specific Spoilage Reactions. Applied and Environmental Microbiology, 2011, 77, 4344-4351.	3.1	56
39	Characterisation of Clostridium botulinum groups I and II by randomly amplified polymorphic DNA analysis and repetitive element sequence-based PCR. International Journal of Food Microbiology, 1999, 48, 179-189.	4.7	55
40	Prevalence and characterization of pathogenic Yersinia enterocolitica in pig tonsils from different slaughterhouses. Food Microbiology, 2000, 17, 93-101.	4.2	51
41	Yersinia pekkanenii sp. nov International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2363-2367.	1.7	50
42	Food Spoilage-Associated Leuconostoc, Lactococcus, and Lactobacillus Species Display Different Survival Strategies in Response to Competition. Applied and Environmental Microbiology, 2018, 84, .	3.1	50
43	The spoilage flora of vacuum-packaged, sodium nitrite or potassium nitrate treated, cold-smoked rainbow trout stored at 4°C or 8°C. International Journal of Food Microbiology, 1998, 45, 135-142.	4.7	49
44	Characterisation of lactic acid bacteria from spoiled, vacuum-packaged, cold-smoked rainbow trout using ribotyping. International Journal of Food Microbiology, 1999, 52, 77-84.	4.7	49
45	Characterization and evaluation of the spoilage potential of Lactococcus piscium isolates from modified atmosphere packaged meat. International Journal of Food Microbiology, 2012, 156, 50-59.	4.7	49
46	Exploring lot-to-lot variation in spoilage bacterial communities on commercial modified atmosphere packaged beef. Food Microbiology, 2017, 62, 147-152.	4.2	49
47	Identification of lactic acid bacteria from spoiled, vacuum-packaged †̃gravad' rainbow trout using ribotyping. International Journal of Food Microbiology, 2002, 72, 147-153.	4.7	48
48	Characterisation of Persistent and Sporadic Listeria monocytogenes Strains by Pulsed-Field Gel Electrophoresis (PFGE) and Amplified Fragment Length Polymorphism (AFLP). Systematic and Applied Microbiology, 2003, 26, 539-545.	2.8	48
49	Enterococcus species dominating in fresh modified-atmosphere-packaged, marinated broiler legs are overgrown by Carnobacterium and Lactobacillus species during storage at 6 ŰC. International Journal of Food Microbiology, 2005, 97, 267-276.	4.7	47
50	Molecular Analysis of <i>Pseudomonas aeruginosa</i> : Epidemiological Investigation of Mastitis Outbreaks in Irish Dairy Herds. Applied and Environmental Microbiology, 1999, 65, 2723-2729.	3.1	47
51	Lactobacillus alimentarius: a specific spoilage organism in marinated herring. International Journal of Food Microbiology, 2001, 64, 355-360.	4.7	46
52	Characteristics of Yersinia enterocolitica biotype 1A strains isolated from patients and asymptomatic carriers. European Journal of Clinical Microbiology and Infectious Diseases, 2013, 32, 869-875.	2.9	46
53	Enterococcus hermanniensis sp. nov., from modified-atmosphere-packaged broiler meat and canine tonsils. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1823-1827.	1.7	45
54	Biodiversity of <i>Clostridium botulinum</i> Type E Strains Isolated from Fish and Fishery Products. Applied and Environmental Microbiology, 1999, 65, 2057-2064.	3.1	45

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55	Extension of the species Helicobacter bilis to include the reference strains of Helicobacter sp. flexispira taxa 2, 3 and 8 and Finnish canine and feline flexispira strains. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 891-898.	1.7	43
56	<i>Lactococcus piscium</i> : a psychrotrophic lactic acid bacterium with bioprotective or spoilage activity in food-a review. Journal of Applied Microbiology, 2016, 121, 907-918.	3.1	43
57	Lactobacillus curvatus subsp. melibiosus is a later synonym of Lactobacillus sakei subsp. carnosus. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1621-1626.	1.7	42
58	Streptococcus alactolyticus is the dominating culturable lactic acid bacterium species in canine jejunum and feces of four fistulated dogs. FEMS Microbiology Letters, 2004, 230, 35-39.	1.8	41
59	Prevalence of the Enterotoxin Gene and Clonality of Clostridium perfringens Strains Associated with Food-Poisoning Outbreaks. Journal of Food Protection, 1998, 61, 240-243.	1.7	39
60	Reclassification of Leuconostoc gasicomitatum as Leuconostoc gelidum subsp. gasicomitatum comb. nov., description of Leuconostoc gelidum subsp. aenigmaticum subsp. nov., designation of Leuconostoc gelidum subsp. gelidum subsp. nov. and emended description of Leuconostoc gelidum. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1290-1295.	1.7	39
61	Microbial, sensory and volatile changes during the anaerobic cold storage of morcilla de Burgos previously inoculated with Weissella viridescens and Leuconostoc mesenteroides. International Journal of Food Microbiology, 2009, 131, 168-177.	4.7	38
62	Yersinia nurmii sp. nov International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2368-2372.	1.7	38
63	Microbial changes and growth of Listeria monocytogenes during chilled storage of brined shrimp (Pandalus borealis). International Journal of Food Microbiology, 2008, 124, 250-259.	4.7	37
64	Identification of Enterococci from Broiler Products and a Broiler Processing Plant and Description of Enterococcus viikkiensis sp. nov Applied and Environmental Microbiology, 2011, 77, 1196-1203.	3.1	37
65	Persistence in bovine mastitis of Staphylococcus aureus clones as assessed by random amplified polymorphic DNA analysis, ribotyping and biotyping. Veterinary Microbiology, 1997, 57, 245-251.	1.9	36
66	Enterococcus devriesei sp. nov., associated with animal sources. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2479-2484.	1.7	36
67	Ropy slime-producing Lactobacillus sake strains possess a strong competitive ability against a commercial biopreservative. International Journal of Food Microbiology, 1997, 38, 117-123.	4.7	35
68	Lactobacillus fructivorans Spoilage of Tomato Ketchup. Journal of Food Protection, 1997, 60, 505-509.	1.7	34
69	Diversity of Leuconostoc gasicomitatum associated with meat spoilage. International Journal of Food Microbiology, 2009, 136, 32-36.	4.7	34
70	Leuconostoc Spoilage of Vacuum-Packaged Vegetable Sausages. Journal of Food Protection, 2008, 71, 2312-2315.	1.7	33
71	Genome Sequence and Transcriptome Analysis of Meat-Spoilage-Associated Lactic Acid Bacterium Lactococcus piscium MKFS47. Applied and Environmental Microbiology, 2015, 81, 3800-3811.	3.1	32
72	Roles of Four Putative DEAD-Box RNA Helicase Genes in Growth of Listeria monocytogenes EGD-e under Heat, pH, Osmotic, Ethanol, and Oxidative Stress Conditions. Applied and Environmental Microbiology, 2012, 78, 6875-6882.	3.1	31

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73	Ribotyping as an identification tool for Clostridium botulinum strains causing human botulism. International Journal of Food Microbiology, 1999, 47, 121-131.	4.7	28
74	Lactobacillus sakei/curvatus is the prevailing lactic acid bacterium group in spoiled maatjes herring. Food Microbiology, 2008, 25, 529-533.	4.2	28
75	Preparation and antimicrobial characterization of silver-containing packaging materials for meat. Food Packaging and Shelf Life, 2015, 6, 53-60.	7.5	28
76	Complete genome sequence of Leuconostoc gelidum subsp. gasicomitatum KG16-1, isolated from vacuum-packaged vegetable sausages. Standards in Genomic Sciences, 2016, 11, 40.	1.5	28
77	Lactobacillus oligofermentans glucose, ribose and xylose transcriptomes show higher similarity between glucose and xylose catabolism-induced responses in the early exponential growth phase. BMC Genomics, 2016, 17, 539.	2.8	27
78	Production of Buttery-Odor Compounds and Transcriptome Response in Leuconostoc gelidum subsp. gasicomitatum LMG18811 <sup>T</sup> during Growth on Various Carbon Sources. Applied and Environmental Microbiology, 2015, 81, 1902-1908.	3.1	25
79	Leuconostoc carnosum Associated with Spoilage of Refrigerated Whole Cooked Hams in Greece. Journal of Food Protection, 2006, 69, 2268-2273.	1.7	23
80	Characterisation of non-pathogenic Yersinia pseudotuberculosis-like strains isolated from food and environmental samples. International Journal of Food Microbiology, 2009, 129, 150-156.	4.7	23
81	Identification and Antimicrobial Resistance of Streptococcus uberis and Streptococcus parauberis Isolated from Bovine Milk Samples. Journal of Dairy Science, 2008, 91, 4075-4081.	3.4	21
82	Packaging gas selects lactic acid bacterial communities on raw pork. Journal of Applied Microbiology, 2015, 119, 1310-1316.	3.1	21
83	Oral tylosin administration is associated with an increase of faecal enterococci and lactic acid bacteria in dogs with tylosin-responsive diarrhoea. Veterinary Journal, 2015, 205, 369-374.	1.7	20
84	Characterisation of ropy slime-producing Lactobacillus sakei using repetitive element sequence-based PCR. International Journal of Food Microbiology, 1999, 50, 215-219.	4.7	19
85	Lactobacillus sobrius Konstantinov et al. 2006 is a later synonym of Lactobacillus amylovorus Nakamura 1981. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 910-913.	1.7	19
86	Requirement for RNA Helicase CsdA for Growth of Yersinia pseudotuberculosis IP32953 at Low Temperatures. Applied and Environmental Microbiology, 2012, 78, 1298-1301.	3.1	19
87	Diversity of Weissella viridescens strains associated with "Morcilla de Burgos― International Journal of Food Microbiology, 2006, 109, 164-168.	4.7	18
88	Growth and metabolic characteristics of fastidious meat-derived Lactobacillus algidus strains. International Journal of Food Microbiology, 2020, 313, 108379.	4.7	17
89	The effect of marination on lactic acid bacteria communities in raw broiler fillet strips. Frontiers in Microbiology, 2012, 3, 376.	3.5	16
90	High number of Yersinia enterocolitica 4/O:3 in cold-stored modified atmosphere-packed pig cheek meat. International Journal of Food Microbiology, 2012, 155, 69-72.	4.7	16

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91	Lactic acid bacteria in dried vegetables and spices. Food Microbiology, 2016, 53, 110-114.	4.2	16
92	Survival of Listeria monocytogenes Strains in a Dry Sausage Model. Journal of Food Protection, 2008, 71, 1550-1555.	1.7	15
93	Inconsistent Denoising and Clustering Algorithms for Amplicon Sequence Data. Journal of Computational Biology, 2015, 22, 743-751.	1.6	15
94	rRNA gene RFLP as an identification tool for Corynebacterium species. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 983-989.	1.7	14
95	Effect of a multispecies lactobacillus formulation as a feeding supplement on the performance and immune function of piglets. Livestock Science, 2015, 180, 164-171.	1.6	14
96	Multilocus Sequence Typing of Leuconostoc gelidum subsp. gasicomitatum, a Psychrotrophic Lactic Acid Bacterium Causing Spoilage of Packaged Perishable Foods. Applied and Environmental Microbiology, 2015, 81, 2474-2480.	3.1	13
97	Streptococcus parauberis associated with modified atmosphere packaged broiler meat products and air samples from a poultry meat processing plant. International Journal of Food Microbiology, 2006, 106, 318-323.	4.7	12
98	The prevalence of Clostridium botulinum in European river lamprey (Lampetra fluviatilis) in Finland. International Journal of Food Microbiology, 2006, 109, 234-237.	4.7	12
99	Meat Inspection Education in Finnish Veterinary Curriculum. Journal of Veterinary Medical Education, 2007, 34, 205-211.	0.6	12
100	V-REVCOMP: automated high-throughput detection of reverse complementary 16S rRNA gene sequences in large environmental and taxonomic datasets. FEMS Microbiology Letters, 2011, 319, 140-145.	1.8	12
101	Longitudinal Metatranscriptomic Analysis of a Meat Spoilage Microbiome Detects Abundant Continued Fermentation and Environmental Stress Responses during Shelf Life and Beyond. Applied and Environmental Microbiology, 2020, 86, .	3.1	11
102	Lactic Acid Bacteria in Marinades Used for Modified Atmosphere Packaged Broiler Chicken Meat Products. Journal of Food Protection, 2007, 70, 766-770.	1.7	10
103	Characterization of Leuconostoc strains isolated from fresh anchovy (Engraulis anchoita). Journal of General and Applied Microbiology, 2010, 56, 175-180.	0.7	9
104	Dynamics of lactic acid bacteria in "Pecorino di Tramontiâ€â€"a ewe's milk cheese—with particular emphasis on enterococci: a preliminary study. Annals of Microbiology, 2016, 66, 179-185.	2.6	8
105	Two copies of the ail gene found in Yersinia enterocolitica and Yersinia kristensenii. Veterinary Microbiology, 2020, 247, 108798.	1.9	8
106	Developing microbial spoilage population in vacuum-packaged charcoal-broiled European river lamprey (Lampetra fluviatilis). International Journal of Food Microbiology, 2005, 101, 145-152.	4.7	6
107	Accumulation of PCBs and Organochlorine Pesticides in River-Caught European River Lamprey (Lampetra fluviatillis) in Finland. Bulletin of Environmental Contamination and Toxicology, 2006, 76, 497-504.	2.7	6
108	Characterization of European <i>Yersinia enterocolitica</i> 1A strains using restriction fragment length polymorphism and multilocus sequence analysis. Letters in Applied Microbiology, 2016, 63, 282-288.	2.2	6

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109	"Differentiation between Types and Strains of Clostridium botulinum by Riboprinting,―A Comment on: J. Food Prot. 63(10):1347–1352 (2000). Journal of Food Protection, 2001, 64, 1653-1654.	1.7	5
110	Testing of amplified fragment length polymorphism (AFLP) technique as a tool for molecular epidemiology of Trichinella nativa. Veterinary Parasitology, 2005, 132, 19-22.	1.8	5
111	Microsporidian Infection in Mosquitoes (Culicidae) Is Associated with Gut Microbiome Composition and Predicted Gut Microbiome Functional Content. Microbial Ecology, 2023, 85, 247-263.	2.8	4
112	Potential Applications of Probiotic, Bacteriocin-Producing Enterococci and eir Bacteriocins. , 2011, , 57-80.		1
113	CHARACTERIZATION OF AUTOCHTHONUS LACTIC FLORA OF A CAMPANIAN CHILLI CHEESE PRODUCED FROM RAW SHEEP MILK. Italian Journal of Food Safety, 2012, 1, 77.	0.8	0
114	Chapter 11. Culture Media for Leuconostoc gasicomitatum. , 2011, , 228-232.		0