

Hannu Juhani Korkeala

List of Publications by Year in descending order

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54
papers

2,336
citations

279798

23
h-index

214800

47
g-index

57
all docs

57
docs citations

57
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources of <i>Listeria monocytogenes</i> Contamination in a Cold-Smoked Rainbow Trout Processing Plant Detected by Pulsed-Field Gel Electrophoresis Typing. <i>Applied and Environmental Microbiology</i> , 1999, 65, 150-155.	3.1	258
2	Historical Perspectives and Guidelines for Botulinum Neurotoxin Subtype Nomenclature. <i>Toxins</i> , 2017, 9, 38.	3.4	232
3	Cold Shock Proteins: A Minireview with Special Emphasis on Csp-family of Enteropathogenic <i>Yersinia</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1151.	3.5	216
4	Adaptive and cross-adaptive responses of persistent and non-persistent <i>Listeria monocytogenes</i> strains to disinfectants. <i>International Journal of Food Microbiology</i> , 2003, 82, 265-272.	4.7	164
5	Multiplex PCR Assay for Detection and Identification of <i>Clostridium botulinum</i> Types A, B, E, and F in Food and Fecal Material. <i>Applied and Environmental Microbiology</i> , 2001, 67, 5694-5699.	3.1	153
6	The ubiquitous nature of <i>Listeria monocytogenes</i> clones: a large-scale multilocus sequence typing study. <i>Environmental Microbiology</i> , 2014, 16, 405-416.	3.8	130
7	An 8-Year Surveillance of the Diversity and Persistence of <i>Listeria monocytogenes</i> in a Chilled Food Processing Plant Analyzed by Amplified Fragment Length Polymorphism. <i>Journal of Food Protection</i> , 2007, 70, 1866-1873.	1.7	85
8	Susceptibility of <i>Listeria monocytogenes</i> strains to disinfectants and chlorinated alkaline cleaners at cold temperatures. <i>LWT - Food Science and Technology</i> , 2007, 40, 1041-1048.	5.2	71
9	Comparative Phenotypic and Genotypic Analysis of Swiss and Finnish <i>Listeria monocytogenes</i> Isolates with Respect to Benzalkonium Chloride Resistance. <i>Frontiers in Microbiology</i> , 2017, 8, 397.	3.5	71
10	Two-Component-System Histidine Kinases Involved in Growth of <i>Listeria monocytogenes</i> EGD-e at Low Temperatures. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3994-4004.	3.1	59
11	Occurrence, Persistence, and Contamination Routes of <i>Listeria monocytogenes</i> Genotypes on Three Finnish Dairy Cattle Farms: a Longitudinal Study. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	55
12	<i>Yersinia pekkanenii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2363-2367.	1.7	50
13	<i>Listeria monocytogenes</i> Contamination in Pork Can Originate from Farms. <i>Journal of Food Protection</i> , 2010, 73, 641-648.	1.7	49
14	Phenotypic and transcriptomic analyses of Sigma L-dependent characteristics in <i>Listeria monocytogenes</i> EGD-e. <i>Food Microbiology</i> , 2012, 32, 152-164.	4.2	43
15	Phage lysin that specifically eliminates <i>Clostridium botulinum</i> Group I cells. <i>Scientific Reports</i> , 2020, 10, 21571.	3.3	43
16	<i>Yersinia nurmii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2368-2372.	1.7	38
17	Role of csp genes in NaCl, pH, and ethanol stress response and motility in <i>Clostridium botulinum</i> ATCC 3502. <i>Food Microbiology</i> , 2015, 46, 463-470.	4.2	36
18	Heat Resistance Mediated by pLM58 Plasmid-Borne ClpL in <i>Listeria monocytogenes</i> . <i>MSphere</i> , 2017, 2, .	2.9	34

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19	MdrL, a major facilitator superfamily efflux pump of <i>Listeria monocytogenes</i> involved in tolerance to benzalkonium chloride. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1339-1350.	3.6	34
20	Enteropathogenic <i>Yersinia</i> in the Pork Production Chain: Challenges for Control. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 1165-1191.	11.7	30
21	Evaluation of normalization reference genes for RT-qPCR analysis of <i>spo0A</i> and four sporulation sigma factor genes in <i>Clostridium botulinum</i> Group I strain ATCC 3502. <i>Anaerobe</i> , 2014, 26, 14-19.	2.1	29
22	Screening of the two-component-system histidine kinases of <i>Listeria monocytogenes</i> EGD-e. LiaS is needed for growth under heat, acid, alkali, osmotic, ethanol and oxidative stresses. <i>Food Microbiology</i> , 2017, 65, 36-43.	4.2	28
23	MouR controls the expression of the <i>Listeria monocytogenes</i> Agr system and mediates virulence. <i>Nucleic Acids Research</i> , 2018, 46, 9338-9352.	14.5	26
24	Alternative Sigma Factors SigF, SigE, and SigG Are Essential for Sporulation in <i>Clostridium botulinum</i> ATCC 3502. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5141-5150.	3.1	25
25	Transcriptomic Analysis of (Group I) <i>Clostridium botulinum</i> ATCC 3502 Cold Shock Response. <i>PLoS ONE</i> , 2014, 9, e89958.	2.5	24
26	Positive Regulation of Botulinum Neurotoxin Gene Expression by CodY in <i>Clostridium botulinum</i> ATCC 3502. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7651-7658.	3.1	23
27	<i>Yersinia</i> spp. in Wild Rodents and Shrews in Finland. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 303-311.	1.5	23
28	High prevalence of pathogenic <i>Yersinia enterocolitica</i> in pig cheeks. <i>Food Microbiology</i> , 2014, 43, 50-52.	4.2	21
29	Development of Human-Like scFv-Fc Neutralizing Botulinum Neurotoxin E. <i>PLoS ONE</i> , 2015, 10, e0139905.	2.5	21
30	High prevalence of <i>Clostridium botulinum</i> in vegetarian sausages. <i>Food Microbiology</i> , 2020, 91, 103512.	4.2	21
31	Growth of <i>Yersinia pseudotuberculosis</i> Strains at Different Temperatures, pH Values, and NaCl and Ethanol Concentrations. <i>Journal of Food Protection</i> , 2018, 81, 142-149.	1.7	20
32	Insights into the Phylogeny and Evolution of Cold Shock Proteins: From Enteropathogenic <i>Yersinia</i> and <i>Escherichia coli</i> to Eubacteria. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4059.	4.1	20
33	Processing plant and machinery sanitation and hygiene practices associate with <i>Listeria monocytogenes</i> occurrence in ready-to-eat fish products. <i>Food Microbiology</i> , 2019, 82, 455-464.	4.2	20
34	Neurotoxin synthesis is positively regulated by the sporulation transcription factor Spo0A in <i>Clostridium botulinum</i> type E. <i>Environmental Microbiology</i> , 2017, 19, 4287-4300.	3.8	17
35	Mobile Elements Harboring Heavy Metal and Bacitracin Resistance Genes Are Common among <i>Listeria monocytogenes</i> Strains Persisting on Dairy Farms. <i>MSphere</i> , 2021, 6, e0038321.	2.9	17
36	Strain Variability of <i>Listeria monocytogenes</i> under NaCl Stress Elucidated by a High-Throughput Microbial Growth Data Assembly and Analysis Protocol. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	15

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37	Alternative Sigma Factor σ^E Has an Important Role in Stress Tolerance of <i>Yersinia pseudotuberculosis</i> IP32953. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5970-5977.	3.1	14
38	Genomic Epidemiology and Phenotyping Reveal on-Farm Persistence and Cold Adaptation of Raw Milk Outbreak-Associated <i>Yersinia pseudotuberculosis</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1049.	3.5	13
39	Neutralization of Botulinum Neurotoxin Type E by a Humanized Antibody. <i>Toxins</i> , 2016, 8, 257.	3.4	12
40	Sporulation Strategies and Potential Role of the Exosporium in Survival and Persistence of <i>Clostridium botulinum</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 754.	4.1	12
41	Heat shock and prolonged heat stress attenuate neurotoxin and sporulation gene expression in group I <i>Clostridium botulinum</i> strain ATCC 3502. <i>PLoS ONE</i> , 2017, 12, e0176944.	2.5	11
42	Prevalence and Dynamics of Pathogenic <i>Yersinia enterocolitica</i> 4/O:3 Among Finnish Piglets, Fattening Pigs, and Sows. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 831-839.	1.8	10
43	Mechanisms of food processing and storage-related stress tolerance in <i>Clostridium botulinum</i> . <i>Research in Microbiology</i> , 2015, 166, 344-352.	2.1	9
44	A European-wide dataset to uncover adaptive traits of <i>Listeria monocytogenes</i> to diverse ecological niches. <i>Scientific Data</i> , 2022, 9, 190.	5.3	9
45	Changes in Transcriptome of <i>Yersinia pseudotuberculosis</i> IP32953 Grown at 3 and 28°C Detected by RNA Sequencing Shed Light on Cold Adaptation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 416.	3.9	8
46	Functional <i>csdA</i> is needed for effective adaptation and initiation of growth of <i>Clostridium botulinum</i> ATCC 3502 at suboptimal temperature. <i>International Journal of Food Microbiology</i> , 2015, 208, 51-57.	4.7	7
47	Strengthening the efficacy of official food control improves <i>Listeria monocytogenes</i> prevention in fish-processing plants. <i>Scientific Reports</i> , 2018, 8, 13105.	3.3	7
48	Role of DEAD-box RNA helicase genes in the growth of <i>Yersinia pseudotuberculosis</i> IP32953 under cold, pH, osmotic, ethanol and oxidative stresses. <i>PLoS ONE</i> , 2019, 14, e0219422.	2.5	6
49	Transcriptomic and Phenotypic Analyses of the Sigma B-Dependent Characteristics and the Synergism between Sigma B and Sigma L in <i>Listeria monocytogenes</i> EGD-e. <i>Microorganisms</i> , 2020, 8, 1644.	3.6	6
50	Large Diversity of Porcine <i>Yersinia enterocolitica</i> 4/O:3 in Eight European Countries Assessed by Multiple-Locus Variable-Number Tandem-Repeat Analysis. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 289-295.	1.8	4
51	Prudent Antimicrobial Use Is Essential to Prevent the Emergence of Antimicrobial Resistance in <i>Yersinia enterocolitica</i> 4/O:3 Strains in Pigs. <i>Frontiers in Microbiology</i> , 2022, 13, 841841.	3.5	3
52	Introducing Scientific Training into the Veterinary Curriculum of the University of Helsinki. <i>Journal of Veterinary Medical Education</i> , 2009, 36, 83-88.	0.6	1
53	Use of Meat Inspection Data. , 0, , 667-673.		1
54	Official Control: B. Organization of Official Control. , 2014, , 556-561.		0