Martin Wiedmann

List of Publications by Citations

448 papers	20,169 citations	76 h-index	118 g-index
474 ext. papers	24,215 ext. citations	4.5 avg, IF	7.03 L-index

#	Paper	IF	Citations
448	Microtiter plate assay for assessment of Listeria monocytogenes biofilm formation. *Applied and Environmental Microbiology*, **2002**, 68, 2950-8	4.8	648
447	Culture independent analysis of ileal mucosa reveals a selective increase in invasive Escherichia coli of novel phylogeny relative to depletion of Clostridiales in Crohn's disease involving the ileum. *ISME Journal*, **2007**, 1, 403-18	11.9	483
446	Listeria monocytogenes lineages: Genomics, evolution, ecology, and phenotypic characteristics. *International Journal of Medical Microbiology*, **2011**, 301, 79-96	3.7	433
445	Listeria monocytogenes persistence in food-associated environments: epidemiology, strain characteristics, and implications for public health. *Journal of Food Protection*, **2014**, 77, 150-70	2.5	417
444	Ribotypes and virulence gene polymorphisms suggest three distinct Listeria monocytogenes lineages with differences in pathogenic potential. *Infection and Immunity*, **1997**, 65, 2707-16	3.7	379
443	Animal contact as a source of human non-typhoidal salmonellosis. *Veterinary Research*, **2011**, 42, 34	3.8	276
442	Listeria monocytogenes sigma B regulates stress response and virulence functions. *Journal of Bacteriology*, **2003**, 185, 5722-34	3.5	276
441	Ecology and transmission of Listeria monocytogenes infecting ruminants and in the farm environment. *Applied and Environmental Microbiology*, **2004**, 70, 4458-67	4.8	264
440	Alternative sigma factors and their roles in bacterial virulence. *Microbiology and Molecular Biology Reviews*, **2005**, 69, 527-43	13.2	256
439	Identification of Novel Mobilized Colistin Resistance Gene in a Multidrug-Resistant, Colistin-Susceptible Salmonella enterica Serotype Typhimurium Isolate. *MBio*, **2019**, 10,	7.8	247
438	General stress transcription factor sigmaB and its role in acid tolerance and virulence of Listeria monocytogenes. *Journal of Bacteriology*, **1998**, 180, 3650-6	3.5	235
437	Listeria monocytogenes isolates from foods and humans form distinct but overlapping populations. *Applied and Environmental Microbiology*, **2004**, 70, 5833-41	4.8	199
436	Molecular studies on the ecology of Listeria monocytogenes in the smoked fish processing industry. *Applied and Environmental Microbiology*, **2001**, 67, 198-205	4.8	185
435	Multistate outbreak of Listeria monocytogenes infection linked to delicatessen turkey meat. *Clinical Infectious Diseases*, **2005**, 40, 962-7	11.6	179
434	Landscape and meteorological factors affecting prevalence of three food-borne pathogens in fruit and vegetable farms. *Applied and Environmental Microbiology*, **2013**, 79, 588-600	4.8	176
433	Comparative genetic characterization of Listeria monocytogenes isolates from human and animal listeriosis cases. *Microbiology (United Kingdom)*, **2001**, 147, 1095-1104	2.9	175
432	Emergence, distribution, and molecular and phenotypic characteristics of Salmonella enterica serotype 4,5,12:i:-. *Foodborne Pathogens and Disease*, **2009**, 6, 407-15	3.8	169

431	Evolution and molecular phylogeny of Listeria monocytogenes isolated from human and animal listeriosis cases and foods. *Journal of Bacteriology*, **2005**, 187, 5537-51	3.5	163
430	Nationwide outbreak of listeriosis due to contaminated meat. *Epidemiology and Infection*, **2006**, 134, 744-51	4.3	157
429	Comparative genomics of the bacterial genus Listeria: Genome evolution is characterized by limited gene acquisition and limited gene loss. *BMC Genomics*, **2010**, 11, 688	4.5	151
428	Characteristics and distribution of Listeria spp., including Listeria species newly described since 2009. *Applied Microbiology and Biotechnology*, **2016**, 100, 5273-87	5.7	151
427	sigmaB-dependent gene induction and expression in Listeria monocytogenes during osmotic and acid stress conditions simulating the intestinal environment. *Microbiology (United Kingdom)*, **2004**, 150, 3843-3855	2.9	146
426	Deep RNA sequencing of L. monocytogenes reveals overlapping and extensive stationary phase and sigma B-dependent transcriptomes, including multiple highly transcribed noncoding RNAs. *BMC Genomics*, **2009**, 10, 641	4.5	145
425	Listeria marthii sp. nov., isolated from the natural environment, Finger Lakes National Forest. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 1280-1288	2.2	144
424	Select Listeria monocytogenes subtypes commonly found in foods carry distinct nonsense mutations in inlA, leading to expression of truncated and secreted internalin A, and are associated with a reduced invasion phenotype for human intestinal epithelial cells. *Applied and Environmental Microbiology*, **2005**, 71, 8764-72	4.8	144
423	Detection of Escherichia coli O157:H7 by multiplex PCR. *Journal of Clinical Microbiology*, **1995**, 33, 2188-91	5.7	143
422	Modulation of stress and virulence in Listeria monocytogenes. *Trends in Microbiology*, **2008**, 16, 388-96	12.4	142
421	Correlations between molecular subtyping and serotyping of Listeria monocytogenes. *Journal of Clinical Microbiology*, **2001**, 39, 2704-7	9.7	140
420	Comparative analysis of the sigma B-dependent stress responses in Listeria monocytogenes and Listeria innocua strains exposed to selected stress conditions. *Applied and Environmental Microbiology*, **2008**, 74, 158-71	4.8	130
419	Sigma B contributes to PrfA-mediated virulence in Listeria monocytogenes. *Infection and Immunity*, **2002**, 70, 3948-52	3.7	129
418	Molecular Subtyping Methods for Listeria monocytogenes. *Journal of AOAC INTERNATIONAL*, **2002**, 85, 524-532	1.7	127
417	Short-term genome evolution of Listeria monocytogenes in a non-controlled environment. *BMC Genomics*, **2008**, 9, 539	4.5	123
416	Diversity of Listeria species in urban and natural environments. *Applied and Environmental Microbiology*, **2012**, 78, 4420-33	4.8	116
415	Physiology and genetics of Listeria monocytogenes survival and growth at cold temperatures. *Critical Reviews in Food Science and Nutrition*, **2009**, 49, 237-53	11.5	114
414	Ligase chain reaction (LCR)--overview and applications. *Genome Research*, **1994**, 3, S51-64	9.7	114

413	Identification and characterization of psychrotolerant sporeformers associated with fluid milk production and processing. *Applied and Environmental Microbiology*, **2012**, 78, 1853-64	4.8	113
412	inlA premature stop codons are common among Listeria monocytogenes isolates from foods and yield virulence-attenuated strains that confer protection against fully virulent strains. *Applied and Environmental Microbiology*, **2008**, 74, 6570-83	4.8	113
411	Rapid whole-genome sequencing for surveillance of Salmonella enterica serovar enteritidis. *Emerging Infectious Diseases*, **2014**, 20, 1306-14	10.2	112
410	International Life Sciences Institute North America Listeria monocytogenes strain collection: development of standard Listeria monocytogenes strain sets for research and validation studies. *Journal of Food Protection*, **2006**, 69, 2929-38	2.5	111
409	Growth and stress resistance variation in culture broth among Listeria monocytogenes strains of various serotypes and origins. *Journal of Food Protection*, **2006**, 69, 2640-7	2.5	111
408	Molecular Subtyping and Tracking of Listeria monocytogenes in Latin-Style Fresh-Cheese Processing Plants. *Journal of Dairy Science*, **2004**, 87, 2803-12	4	108
407	Tracking of Listeria monocytogenes in smoked fish processing plants. *Journal of Food Protection*, **2004**, 67, 328-41	2.5	107
406	Pathogen, host and environmental factors contributing to the pathogenesis of listeriosis. *Cellular and Molecular Life Sciences*, **2003**, 60, 904-18	10.3	106
405	Molecular and phenotypic characterization of Pseudomonas spp. isolated from milk. *Applied and Environmental Microbiology*, **2000**, 66, 2085-95	4.8	106
404	Listeria monocytogenes contamination patterns for the smoked fish processing environment and for raw fish. *Journal of Food Protection*, **2003**, 66, 52-60	2.5	105
403	Salmonella enterica serotype 4,5,12:i:-, an emerging Salmonella serotype that represents multiple distinct clones. *Journal of Clinical Microbiology*, **2009**, 47, 3546-56	9.7	103
402	Longitudinal studies on Listeria in smoked fish plants: impact of intervention strategies on contamination patterns. *Journal of Food Protection*, **2004**, 67, 2500-14	2.5	101
401	Risk factors associated with Salmonella and Listeria monocytogenes contamination of produce fields. *Applied and Environmental Microbiology*, **2013**, 79, 7618-27	4.8	100
400	Sigma B contributes to Listeria monocytogenes gastrointestinal infection but not to systemic spread in the guinea pig infection model. *Infection and Immunity*, **2006**, 74, 876-86	3.7	100
399	Genome sequencing reveals diversification of virulence factor content and possible host adaptation in distinct subpopulations of Salmonella enterica. *BMC Genomics*, **2011**, 12, 425	4.5	99
398	Pulsed-field gel electrophoresis (PFGE) analysis of temporally matched Listeria monocytogenes isolates from human clinical cases, foods, ruminant farms, and urban and natural environments reveals source-associated as well as widely distributed PFGE types. *Journal of Clinical Microbiology*,	9.7	99
397	Whole-Genome Sequencing Allows for Improved Identification of Persistent Listeria monocytogenes in Food-Associated Environments. *Applied and Environmental Microbiology*, **2015**, 81, 6024-37	4.8	98
396	Exposure to salt and organic acids increases the ability of Listeria monocytogenes to invade Caco-2 cells but decreases its ability to survive gastric stress. *Applied and Environmental Microbiology*, **2006** , 72, 5384-95	4.8	98

395	Genetic and phenotypic characterization of Listeria monocytogenes lineage III. *Microbiology (United Kingdom)*, **2006**, 152, 685-693	2.9	98
394	Characterization and pathogenic potential of Listeria monocytogenes isolates from the smoked fish industry. *Applied and Environmental Microbiology*, **2001**, 67, 646-53	4.8	95
393	Natural atypical Listeria innocua strains with Listeria monocytogenes pathogenicity island 1 genes. *Applied and Environmental Microbiology*, **2004**, 70, 4256-66	4.8	94
392	DNA sequence-based subtyping and evolutionary analysis of selected Salmonella enterica serotypes. *Journal of Clinical Microbiology*, **2005**, 43, 3688-98	9.7	92
391	Identification of components of the sigma B regulon in Listeria monocytogenes that contribute to acid and salt tolerance. *Applied and Environmental Microbiology*, **2008**, 74, 6848-58	4.8	91
390	Microarray-based characterization of the Listeria monocytogenes cold regulon in log- and stationary-phase cells. *Applied and Environmental Microbiology*, **2007**, 73, 6484-98	4.8	91
389	Genome diversification in phylogenetic lineages I and II of Listeria monocytogenes: identification of segments unique to lineage II populations. *Journal of Bacteriology*, **2003**, 185, 5573-84	3.5	88
388	Contributions of Listeria monocytogenes sigmaB and PrfA to expression of virulence and stress response genes during extra- and intracellular growth. *Microbiology (United Kingdom)*, **2006**, 152, 1827-1838	2.9	88
387	Rational design of DNA sequence-based strategies for subtyping Listeria monocytogenes. *Journal of Clinical Microbiology*, **2002**, 40, 3319-25	9.7	87
386	When cheese gets the blues: Pseudomonas fluorescens as the causative agent of cheese spoilage. *Journal of Dairy Science*, **2011**, 94, 3176-83	4	86
385	Listeria monocytogenes in multiple habitats and host populations: review of available data for mathematical modeling. *Foodborne Pathogens and Disease*, **2006**, 3, 319-36	3.8	85
384	Transcriptomic and phenotypic analyses identify coregulated, overlapping regulons among PrfA, CtsR, HrcA, and the alternative sigma factors sigmaB, sigmaC, sigmaH, and sigmaL in Listeria monocytogenes. *Applied and Environmental Microbiology*, **2011**, 77, 187-200	4.8	84
383	Molecular subtyping to detect human listeriosis clusters. *Emerging Infectious Diseases*, **2003**, 9, 672-80	10.2	84
382	Listeria monocytogenes sigmaB modulates PrfA-mediated virulence factor expression. *Infection and Immunity*, **2009**, 77, 2113-24	3.7	83
381	A whole-genome single nucleotide polymorphism-based approach to trace and identify outbreaks linked to a common Salmonella enterica subsp. enterica serovar Montevideo pulsed-field gel electrophoresis type. *Applied and Environmental Microbiology*, **2011**, 77, 8648-55	4.8	80
380	Sigma(B)-dependent expression patterns of compatible solute transporter genes opuCA and lmo1421 and the conjugated bile salt hydrolase gene bsh in Listeria monocytogenes. *Microbiology (United Kingdom)*, **2003**, 149, 3247-3256	2.9	80
379	Omics approaches in food safety: fulfilling the promise?. *Trends in Microbiology*, **2014**, 22, 275-81	12.4	78
378	Lineage specific recombination rates and microevolution in Listeria monocytogenes. *BMC Evolutionary Biology*, **2008**, 8, 277	3	78

377	Recurrent and Sporadic Listeria monocytogenes Contamination in Alheiras Represents Considerable Diversity, Including Virulence-Attenuated Isolates. *Applied and Environmental Microbiology*, **2008**, 74, 920-920	4.8	78
376	Listeria monocytogenes shows temperature-dependent and -independent responses to salt stress, including responses that induce cross-protection against other stresses. *Applied and Environmental Microbiology*, **2012**, 78, 2602-12	4.8	77
375	Listeria floridensis sp. nov., Listeria aquatica sp. nov., Listeria cornellensis sp. nov., Listeria riparia sp. nov. and Listeria grandensis sp. nov., from agricultural and natural environments. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 1882-1889	2.2	76
374	Comparison of typing methods with a new procedure based on sequence characterization for Salmonella serovar prediction. *Journal of Clinical Microbiology*, **2013**, 51, 1786-97	9.7	76
373	Listeria monocytogenes {sigma}B has a small core regulon and a conserved role in virulence but makes differential contributions to stress tolerance across a diverse collection of strains. *Applied and Environmental Microbiology*, **2010**, 76, 4216-32	4.8	76
372	Antimicrobial resistance in nontyphoidal Salmonella. *Journal of Food Protection*, **2007**, 70, 780-90	2.5	76
371	Role of sigmaB in regulating the compatible solute uptake systems of Listeria monocytogenes: osmotic induction of opuC is sigmaB dependent. *Applied and Environmental Microbiology*, **2003**, 69, 2015-22	4.8	76
370	Molecular characterization of Listeria monocytogenes from natural and urban environments. *Journal of Food Protection*, **2006**, 69, 93-105	2.5	75
369	Ceftiofur-resistant Salmonella strains isolated from dairy farms represent multiple widely distributed subtypes that evolved by independent horizontal gene transfer. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4061-7	5.9	74
368	The Evolving Role of Coliforms As Indicators of Unhygienic Processing Conditions in Dairy Foods. *Frontiers in Microbiology*, **2016**, 7, 1549	5.7	72
367	Listeria booriae sp. nov. and Listeria newyorkensis sp. nov., from food processing environments in the USA. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 286-292	2.2	71
366	Multilocus sequence typing of Listeria monocytogenes by use of hypervariable genes reveals clonal and recombination histories of three lineages. *Applied and Environmental Microbiology*, **2004**, 70, 2193-203	4.8	70
365	Diverse geno- and phenotypes of persistent Listeria monocytogenes isolates from fermented meat sausage production facilities in Portugal. *Applied and Environmental Microbiology*, **2011**, 77, 2701-15	4.8	69
364	Differentiation of Listeria monocytogenes and Listeria innocua by 16S rRNA genes and intraspecies discrimination of Listeria monocytogenes strains by random amplified polymorphic DNA polymorphisms. *Applied and Environmental Microbiology*, **1993**, 59, 304-8	4.8	69
363	Ribotype diversity of Listeria monocytogenes strains associated with outbreaks of listeriosis in ruminants. *Journal of Clinical Microbiology*, **1996**, 34, 1086-90	9.7	69
362	Nisin resistance of Listeria monocytogenes is increased by exposure to salt stress and is mediated via LiaR. *Applied and Environmental Microbiology*, **2013**, 79, 5682-8	4.8	68
361	Distribution of Listeria monocytogenes molecular subtypes among human and food isolates from New York State shows persistence of human disease--associated Listeria monocytogenes strains in retail environments. *Journal of Food Protection*, **2004**, 67, 1417-28	2.5	67
360	A population genetics-based and phylogenetic approach to understanding the evolution of virulence in the genus Listeria. *Applied and Environmental Microbiology*, **2010**, 76, 6085-100	4.8	66

359	Listeria monocytogenes subgroups IIIA, IIIB, and IIIC delineate genetically distinct populations with varied pathogenic potential. *Journal of Clinical Microbiology*, **2006**, 44, 4229-33	9.7	64
358	Attributing risk to Listeria monocytogenes subgroups: dose response in relation to genetic lineages. *Journal of Food Protection*, **2006**, 69, 335-44	2.5	64
357	Evaluation of "Helicobacter heilmannii" subtypes in the gastric mucosas of cats and dogs. *Journal of Clinical Microbiology*, **2004**, 42, 2144-51	9.7	64
356	Influence of raw milk quality on processed dairy products: How do raw milk quality test results relate to product quality and yield?. *Journal of Dairy Science*, **2016**, 99, 10128-10149	4	64
355	Persistent Listeria monocytogenes subtypes isolated from a smoked fish processing facility included both phage susceptible and resistant isolates. *Food Microbiology*, **2013**, 35, 38-48	6	62
354	A 100-Year Review: Microbiology and safety of milk handling. *Journal of Dairy Science*, **2017**, 100, 9933-9951	4	62
353	Genomic epidemiology of Salmonella enterica serotype Enteritidis based on population structure of prevalent lineages. *Emerging Infectious Diseases*, **2014**, 20, 1481-9	10.2	62
352	Whole-Genome Sequencing of Drug-Resistant Salmonella enterica Isolates from Dairy Cattle and Humans in New York and Washington States Reveals Source and Geographic Associations. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	61
351	Quantitative risk assessment of listeriosis-associated deaths due to Listeria monocytogenes contamination of deli meats originating from manufacture and retail. *Journal of Food Protection*, **2010**, 73, 620-30	2.5	61
350	Genome-wide analyses reveal lineage specific contributions of positive selection and recombination to the evolution of Listeria monocytogenes. *BMC Evolutionary Biology*, **2008**, 8, 233	3	61
349	Recombination and positive selection contribute to evolution of Listeria monocytogenes inlA. *Microbiology (United Kingdom)*, **2007**, 153, 2666-2678	2.9	61
348	Prevalence and molecular diversity of Listeria monocytogenes in retail establishments. *Journal of Food Protection*, **2009**, 72, 2337-49	2.5	60
347	Inhibition of 15-lipoxygenase leads to delayed organelle degradation in the reticulocyte. *FEBS Letters*, **2001**, 489, 51-4	3.8	60
346	Seek and destroy process: Listeria monocytogenes process controls in the ready-to-eat meat and poultry industry. *Journal of Food Protection*, **2015**, 78, 436-45	2.5	59
345	Development of Molecular Typing Methods for Bacillus spp. and Paenibacillus spp. Isolated from Fluid Milk Products. *Journal of Food Science*, **2006**, 71, M50-M56	3.4	59
344	Geographical and meteorological factors associated with isolation of Listeria species in New York State produce production and natural environments. *Journal of Food Protection*, **2014**, 77, 1919-28	2.5	58
343	Listeria monocytogenes fecal shedding in dairy cattle shows high levels of day-to-day variation and includes outbreaks and sporadic cases of shedding of specific L. monocytogenes subtypes. *Preventive Veterinary Medicine*, **2007**, 80, 287-305	3.1	58
342	The Listeria monocytogenes prfAP2 promoter is regulated by sigma B in a growth phase dependent manner. *FEMS Microbiology Letters*, **2005**, 245, 329-36	2.9	58

341	Prevalence, distribution, and diversity of Listeria monocytogenes in retail environments, focusing on small establishments and establishments with a history of failed inspections. *Journal of Food Protection*, **2011**, 74, 1083-95	2.5	57
340	Temperature-dependent expression of Listeria monocytogenes internalin and internalin-like genes suggests functional diversity of these proteins among the listeriae. *Applied and Environmental Microbiology*, **2007**, 73, 2806-14	4.8	55
339	A small RNA controls expression of the chitinase ChiA in Listeria monocytogenes. *PLoS ONE*, **2011**, 6, e19019	3.7	55
338	Spatial and Temporal Factors Associated with an Increased Prevalence of Listeria monocytogenes in Spinach Fields in New York State. *Applied and Environmental Microbiology*, **2015**, 81, 6059-69	4.8	54
337	Evaluation of dairy powder products implicates thermophilic sporeformers as the primary organisms of interest. *Journal of Dairy Science*, **2014**, 97, 2487-97	4	54
336	Genomic characterization provides new insight into Salmonella phage diversity. *BMC Genomics*, **2013**, 14, 481	4.5	54
335	Genome wide evolutionary analyses reveal serotype specific patterns of positive selection in selected Salmonella serotypes. *BMC Evolutionary Biology*, **2009**, 9, 264	3	54
334	Proteomic analyses of a Listeria monocytogenes mutant lacking sigmaB identify new components of the sigmaB regulon and highlight a role for sigmaB in the utilization of glycerol. *Applied and Environmental Microbiology*, **2008**, 74, 594-604	4.8	54
333	Transcriptomic and phenotypic analyses suggest a network between the transcriptional regulators HrcA and sigmaB in Listeria monocytogenes. *Applied and Environmental Microbiology*, **2007**, 73, 7981-91	4.8	54
332	Bacterial tracking in a dairy production system using phenotypic and ribotyping methods. *Journal of Food Protection*, **1998**, 61, 1336-40	2.5	54
331	Proposal of a Taxonomic Nomenclature for the Bacillus cereus Group Which Reconciles Genomic Definitions of Bacterial Species with Clinical and Industrial Phenotypes. *MBio*, **2020**, 11,	7.8	53
330	Multilocus sequence typing supports the hypothesis that cow- and human-associated Salmonella isolates represent distinct and overlapping populations. *Applied and Environmental Microbiology*, **2006**, 72, 7575-85	4.8	53
329	Quantitative risk assessment for Listeria monocytogenes in selected categories of deli meats: impact of lactate and diacetate on listeriosis cases and deaths. *Journal of Food Protection*, **2009**, 72, 978-89	2.5	52
328	Longitudinal monitoring of Listeria monocytogenes contamination patterns in a farmstead dairy processing facility. *Journal of Dairy Science*, **2007**, 90, 2517-24	4	52
327	Salt stress phenotypes in Listeria monocytogenes vary by genetic lineage and temperature. *Foodborne Pathogens and Disease*, **2010**, 7, 1537-49	3.8	51
326	Equine stomachs harbor an abundant and diverse mucosal microbiota. *Applied and Environmental Microbiology*, **2012**, 78, 2522-32	4.8	51
325	Phenotypic and transcriptomic analyses demonstrate interactions between the transcriptional regulators CtsR and Sigma B in Listeria monocytogenes. *Applied and Environmental Microbiology*, **2007**, 73, 7967-80	4.8	51
324	Characterization of Emetic and Diarrheal Strains From a 2016 Foodborne Outbreak Using Whole-Genome Sequencing: Addressing the Microbiological, Epidemiological, and Bioinformatic Challenges. *Frontiers in Microbiology*, **2019**, 10, 144	5.7	50

323	The alternative sigma factor sigma B and the virulence gene regulator PrfA both regulate transcription of Listeria monocytogenes internalins. *Applied and Environmental Microbiology*, **2007**, 73, 2919-30	4.8	49
322	Multilocus sequence typing of Streptococcus uberis provides sensitive and epidemiologically relevant subtype information and reveals positive selection in the virulence gene pauA. *Journal of Clinical Microbiology*, **2005**, 43, 2407-17	9.7	49
321	Evaluation of farm management practices as risk factors for clinical listeriosis and fecal shedding of Listeria monocytogenes in ruminants. *Journal of the American Veterinary Medical Association*, **2005**, 227, 1808-14	1	49
320	The cost and benefit of Listeria monocytogenes food safety measures. *Critical Reviews in Food Science and Nutrition*, **2004**, 44, 513-23	11.5	49
319	Irrigation Is Significantly Associated with an Increased Prevalence of Listeria monocytogenes in Produce Production Environments in New York State. *Journal of Food Protection*, **2015**, 78, 1132-41	2.5	48
318	Selection and Characterization of Phage-Resistant Mutant Strains of Listeria monocytogenes Reveal Host Genes Linked to Phage Adsorption. *Applied and Environmental Microbiology*, **2015**, 81, 4295-305	4.8	48
317	Molecular methods for serovar determination of Salmonella. *Critical Reviews in Microbiology*, **2015**, 41, 309-25	7.8	48
316	SigmaB-dependent and sigmaB-independent mechanisms contribute to transcription of Listeria monocytogenes cold stress genes during cold shock and cold growth. *Applied and Environmental Microbiology*, **2007**, 73, 6019-29	4.8	48
315	Listeria monocytogenes and Listeria spp. contamination patterns in retail delicatessen establishments in three U.S. states. *Journal of Food Protection*, **2014**, 77, 1929-39	2.5	47
314	Real-time PCR detection of Paenibacillus spp. in raw milk to predict shelf life performance of pasteurized fluid milk products. *Applied and Environmental Microbiology*, **2012**, 78, 5855-63	4.8	47
313	Development of a multilocus variable-number of tandem repeat typing method for Listeria monocytogenes serotype 4b strains. *International Journal of Food Microbiology*, **2008**, 124, 239-49	5.8	47
312	Recurrent and sporadic Listeria monocytogenes contamination in alheiras represents considerable diversity, including virulence-attenuated isolates. *Applied and Environmental Microbiology*, **2007**, 73, 3887-95	4.8	47
311	Identification and characterization of novel Salmonella mobile elements involved in the dissemination of genes linked to virulence and transmission. *PLoS ONE*, **2012**, 7, e41247	3.7	46
310	Molecular subtyping and characterization of bovine and human Streptococcus agalactiae isolates. *Journal of Clinical Microbiology*, **2005**, 43, 1177-86	9.7	46
309	Evolutionary dynamics of the accessory genome of Listeria monocytogenes. *PLoS ONE*, **2013**, 8, e67511	3.7	45
308	The transcriptional response of Listeria monocytogenes during adaptation to growth on lactate and diacetate includes synergistic changes that increase fermentative acetoin production. *Applied and Environmental Microbiology*, **2011**, 77, 5294-306	4.8	45
307	Quantitative risk assessment of listeriosis due to consumption of raw milk. *Journal of Food Protection*, **2011**, 74, 1268-81	2.5	45
306	Contributions of two-component regulatory systems, alternative sigma factors, and negative regulators to Listeria monocytogenes cold adaptation and cold growth. *Journal of Food Protection*, **2008**, 71, 420-5	2.5	45

305	Comparative genomic analysis of the sigB operon in Listeria monocytogenes and in other Gram-positive bacteria. *Current Microbiology*, **2004**, 48, 39-46	2.4	45
304	Molecular subtyping methods for Listeria monocytogenes. *Journal of AOAC INTERNATIONAL*, **2002**, 85, 524-31	1.7	45
303	Spore populations among bulk tank raw milk and dairy powders are significantly different. *Journal of Dairy Science*, **2015**, 98, 8492-504	4	44
302	Homopolymeric tracts represent a general regulatory mechanism in prokaryotes. *BMC Genomics*, **2010**, 11, 102	4.5	44
301	Detection of Listeria monocytogenes with a nonisotopic polymerase chain reaction-coupled ligase chain reaction assay. *Applied and Environmental Microbiology*, **1993**, 59, 2743-5	4.8	44
300	Variation in Listeria monocytogenes dose responses in relation to subtypes encoding a full-length or truncated internalin A. *Applied and Environmental Microbiology*, **2011**, 77, 1171-80	4.8	43
299	Listeria monocytogenes internalins are highly diverse and evolved by recombination and positive selection. *Infection, Genetics and Evolution*, **2006**, 6, 378-89	4.5	43
298	Subtyping of bacterial foodborne pathogens. *Nutrition Reviews*, **2002**, 60, 201-8	6.4	43
297	Automated ribotyping using different enzymes to improve discrimination of Listeria monocytogenes isolates, with a particular focus on serotype 4b strains. *Journal of Clinical Microbiology*, **2001**, 39, 3002-5	9.7	43
296	Molecular and phenotypic characterization of Listeria monocytogenes from U.S. Department of Agriculture Food Safety and Inspection Service surveillance of ready-to-eat foods and processing facilities. *Journal of Food Protection*, **2010**, 73, 861-9	2.5	42
295	Modeling of spatially referenced environmental and meteorological factors influencing the probability of Listeria species isolation from natural environments. *Applied and Environmental Microbiology*, **2009**, 75, 5893-909	4.8	42
294	Diagnosis and epidemiological association of Listeria monocytogenes strains in two outbreaks of listerial encephalitis in small ruminants. *Journal of Clinical Microbiology*, **1994**, 32, 991-6	9.7	42
293	Resilience in the Face of Uncertainty: Sigma Factor B Fine-Tunes Gene Expression To Support Homeostasis in Gram-Positive Bacteria. *Applied and Environmental Microbiology*, **2016**, 82, 4456-4469	4.8	42
292	Rapid, High-Throughput Identification of Anthrax-Causing and Emetic Bacillus cereus Group Genome Assemblies via BTyper, a Computational Tool for Virulence-Based Classification of Bacillus cereus Group Isolates by Using Nucleotide Sequencing Data. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	40
291	Multilocus sequence typing of outbreak-associated Listeria monocytogenes isolates to identify epidemic clones. *Foodborne Pathogens and Disease*, **2010**, 7, 257-65	3.8	40
290	Definition of genetically distinct attenuation mechanisms in naturally virulence-attenuated Listeria monocytogenes by comparative cell culture and molecular characterization. *Applied and Environmental Microbiology*, **2005**, 71, 3900-10	4.8	40
289	Silage collected from dairy farms harbors an abundance of listeriaphages with considerable host range and genome size diversity. *Applied and Environmental Microbiology*, **2012**, 78, 8666-75	4.8	39
288	Food microbe tracker: a web-based tool for storage and comparison of food-associated microbes. *Journal of Food Protection*, **2013**, 76, 283-94	2.5	39

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