

Martin Wiedmann

List of Publications by Year in descending order

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453
papers

26,745
citations

4942

84
h-index

12233

133
g-index

474
all docs

474
docs citations

474
times ranked

14239
citing authors

#	ARTICLE	IF	CITATIONS
1	Spoilage Mold in Dairy Products. , 2022, , 607-610.		2
2	Keeping up with the <i>Bacillus cereus</i> group: taxonomy through the genomics era and beyond. Critical Reviews in Food Science and Nutrition, 2022, 62, 7677-7702.	5.4	49
3	Factors that contribute to persistent Listeria in food processing facilities and relevant interventions: A rapid review. Food Control, 2022, 133, 108579.	2.8	30
4	Associations between Listeria monocytogenes genomic characteristics and adhesion to polystyrene at 8°C. Food Microbiology, 2022, 102, 103915.	2.1	12
5	Assessment of Reference Method Selective Broth and Plating Media with 19 Listeria Species Highlights the Importance of Including Diverse Species in Listeria Method Evaluations. Journal of Food Protection, 2022, 85, 494-510.	0.8	8
6	Development of a Genomics-Based Approach To Identify Putative Hypervirulent Nontyphoidal Salmonella Isolates: Salmonella enterica Serovar Saintpaul as a Model. MSphere, 2022, 7, e0073021.	1.3	5
7	Development of a risk assessment model to predict the occurrence of late blowing defect in Gouda cheese and evaluate potential intervention strategies. Journal of Dairy Science, 2022, 105, 2880-2894.	1.4	9
8	Characterization of <i>Listeria monocytogenes</i> isolated from wildlife in central New York. Veterinary Medicine and Science, 2022, 8, 1319-1329.	0.6	8
9	Using agent-based modeling to compare corrective actions for Listeria contamination in produce packinghouses. PLoS ONE, 2022, 17, e0265251.	1.1	6
10	Development of a Monte Carlo simulation model to predict pasteurized fluid milk spoilage due to post-pasteurization contamination with gram-negative bacteria. Journal of Dairy Science, 2022, 105, 1978-1998.	1.4	15
11	Growth and survival of aerobic and Gram-negative bacteria on fresh spinach in a Chinese supply chain from harvest through distribution and refrigerated storage. International Journal of Food Microbiology, 2022, 370, 109639.	2.1	1
12	The Number and Type of Chaperone-Usher Fimbriae Reflect Phylogenetic Clade Rather than Host Range in Salmonella. MSystems, 2022, 7, e0011522.	1.7	2
13	Nonsynonymous Mutations in <i>teprK</i> Are Associated with Adaptation of Listeria monocytogenes and Other <i>Listeria</i> spp. to Low Concentrations of Benzalkonium Chloride but Do Not Increase Survival of L. monocytogenes and Other <i>Listeria</i> spp. after Exposure to Benzalkonium Chloride Concentrations Recommended for Use in Food Processing Environments. Applied and Environmental Microbiology, 2022, 88, e0048622.	1.4	7
14	Soil Collected in the Great Smoky Mountains National Park Yielded a Novel <i>Listeria sensu stricto</i> Species, <i>L. swaminathanii</i> . Microbiology Spectrum, 2022, 10, .	1.2	9
15	Development of a Modeling Tool To Assess and Reduce Regulatory and Recall Risks for Cold-Smoked Salmon Due to Listeria monocytogenes Contamination. Journal of Food Protection, 2022, 85, 1335-1354.	0.8	4
16	Alternative approaches to the risk management of Listeria monocytogenes in low risk foods. Food Control, 2021, 123, 107601.	2.8	37
17	Invited review: Controlling dairy product spoilage to reduce food loss and waste. Journal of Dairy Science, 2021, 104, 1251-1261.	1.4	43
18	Nature versus Nurture: Assessing the Impact of Strain Diversity and Pregrowth Conditions on Salmonella enterica, Escherichia coli, and <i>Listeria</i> Species Growth and Survival on Selected Produce Items. Applied and Environmental Microbiology, 2021, 87, .	1.4	6

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19	Adjacent Terrestrial Landscapes Impact the Biogeographical Pattern of Soil <i>Escherichia coli</i> Strains in Produce Fields by Modifying the Importance of Environmental Selection and Dispersal. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	5
20	Antibiotic Resistance in Shiga Toxigenic <i>Escherichia coli</i> Isolates from Surface Waters and Sediments in a Mixed Use Urban Agricultural Landscape. <i>Antibiotics</i> , 2021, 10, 237.	1.5	12
21	The Majority of Typhoid Toxin-Positive <i>Salmonella</i> Serovars Encode ArtB, an Alternate Binding Subunit. <i>MSphere</i> , 2021, 6, .	1.3	10
22	Identification of Closely Related <i>Listeria monocytogenes</i> Isolates with No Apparent Evidence for a Common Source or Location: A Retrospective Whole Genome Sequencing Analysis. <i>Journal of Food Protection</i> , 2021, 84, 1104-1113.	0.8	6
23	Machine Learning and Advanced Statistical Modeling Can Identify Key Quality Management Practices That Affect Postpasteurization Contamination of Fluid Milk. <i>Journal of Food Protection</i> , 2021, 84, 1496-1511.	0.8	7
24	Evaluation of <i>Salmonella</i> Serotype Prediction With Multiplex Nanopore Sequencing. <i>Frontiers in Microbiology</i> , 2021, 12, 637771.	1.5	7
25	A standard set of testing methods reliably enumerates spores across commercial milk powders. <i>Journal of Dairy Science</i> , 2021, 104, 2615-2631.	1.4	2
26	Identification, subtyping, and tracking of dairy spoilage-associated <i>Pseudomonas</i> by sequencing the <i>ileS</i> gene. <i>Journal of Dairy Science</i> , 2021, 104, 2668-2683.	1.4	7
27	Alternative σ^H Factors Regulate Overlapping as Well as Distinct Stress Response and Metabolic Functions in <i>Listeria monocytogenes</i> under Stationary Phase Stress Condition. <i>Pathogens</i> , 2021, 10, 411.	1.2	2
28	Characterization of the roles of activated charcoal and Chelex in the induction of PrfA regulon expression in complex medium. <i>PLoS ONE</i> , 2021, 16, e0250989.	1.1	3
29	Interpretability Versus Accuracy: A Comparison of Machine Learning Models Built Using Different Algorithms, Performance Measures, and Features to Predict <i>E. coli</i> Levels in Agricultural Water. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 628441.	2.0	14
30	<i>Listeria cossartiae</i> sp. nov., <i>Listeria immobilis</i> sp. nov., <i>Listeria portnoyi</i> sp. nov. and <i>Listeria rustica</i> sp. nov., isolated from agricultural water and natural environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	54
31	Moving Past Species Classifications for Risk-Based Approaches to Food Safety: <i>Salmonella</i> as a Case Study. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	7
32	DNA Extraction and Host Depletion Methods Significantly Impact and Potentially Bias Bacterial Detection in a Biological Fluid. <i>MSystems</i> , 2021, 6, e0061921.	1.7	21
33	All food processes have a residual risk, some are small, some very small and some are extremely small: zero risk does not exist. <i>Current Opinion in Food Science</i> , 2021, 39, 83-92.	4.1	22
34	Comparison of Resampling Algorithms to Address Class Imbalance when Developing Machine Learning Models to Predict Foodborne Pathogen Presence in Agricultural Water. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	9
35	Food Safety and Employee Health Implications of COVID-19: A Review. <i>Journal of Food Protection</i> , 2021, 84, 1973-1989.	0.8	17
36	Optimizing Pasteurized Fluid Milk Shelf-Life Through Microbial Spoilage Reduction. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	5

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37	Nationwide genomic atlas of soil-dwelling <i>Listeria</i> reveals effects of selection and population ecology on pangenome evolution. <i>Nature Microbiology</i> , 2021, 6, 1021-1030.	5.9	54
38	Recent Evolution and Genomic Profile of <i>Salmonella enterica</i> Serovar Heidelberg Isolates from Poultry Flocks in Brazil. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0103621.	1.4	16
39	<i>In Silico</i> Models for Design and Optimization of Science-Based <i>Listeria</i> Environmental Monitoring Programs in Fresh-Cut Produce Facilities. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0079921.	1.4	7
40	Integrative Survey of 68 Non-overlapping Upstate New York Watersheds Reveals Stream Features Associated With Aquatic Fecal Contamination. <i>Frontiers in Microbiology</i> , 2021, 12, 684533.	1.5	6
41	Cross-Validation Indicates Predictive Models May Provide an Alternative to Indicator Organism Monitoring for Evaluating Pathogen Presence in Southwestern US Agricultural Water. <i>Frontiers in Water</i> , 2021, 3, .	1.0	4
42	Development of predictive models evaluating the spoilage-delaying effect of a bioprotective culture on different yeast species in yogurt. <i>Journal of Dairy Science</i> , 2021, 104, 9570-9582.	1.4	6
43	Phylogeographic Clustering Suggests that Distinct Clades of <i>Salmonella enterica</i> Serovar Mississippi Are Endemic in Australia, the United Kingdom, and the United States. <i>MSphere</i> , 2021, 6, e0048521.	1.3	3
44	Characterization of Basal Transcriptomes Identifies Potential Metabolic and Virulence-Associated Adaptations Among Diverse Nontyphoidal <i>Salmonella enterica</i> Serovars. <i>Frontiers in Microbiology</i> , 2021, 12, 730411.	1.5	4
45	Development of a database and standardized approach for <i>rpoB</i> sequence-based subtyping and identification of aerobic spore-forming Bacillales. <i>Journal of Microbiological Methods</i> , 2021, 191, 106350.	0.7	4
46	Monitoring the Microevolution of <i>Salmonella enterica</i> in Healthy Dairy Cattle Populations at the Individual Farm Level Using Whole-Genome Sequencing. <i>Frontiers in Microbiology</i> , 2021, 12, 763669.	1.5	10
47	Small Produce Farm Environments Can Harbor Diverse <i>Listeria monocytogenes</i> and <i>Listeria</i> spp. Populations. <i>Journal of Food Protection</i> , 2021, 84, 113-121.	0.8	9
48	The <i>Salmonella enterica</i> Plasmidome as a Reservoir of Antibiotic Resistance. <i>Microorganisms</i> , 2020, 8, 1016.	1.6	23
49	Transcriptional profiling of the <i>L. monocytogenes</i> PrfA regulon identifies six novel putative PrfA-regulated genes. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	3
50	Predictive Models May Complement or Provide an Alternative to Existing Strategies for Assessing the Enteric Pathogen Contamination Status of Northeastern Streams Used to Provide Water for Produce Production. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	22
51	Pre-growth conditions and strain diversity affect nisin treatment efficacy against <i>Listeria monocytogenes</i> on cold-smoked salmon. <i>International Journal of Food Microbiology</i> , 2020, 333, 108793.	2.1	9
52	Twentieth-century emergence of antimicrobial resistant human- and bovine-associated <i>Salmonella enterica</i> serotype Typhimurium lineages in New York State. <i>Scientific Reports</i> , 2020, 10, 14428.	1.6	10
53	Cereulide Synthetase Acquisition and Loss Events within the Evolutionary History of Group III <i>Bacillus cereus</i> Ssensu Lato Facilitate the Transition between Emetic and Diarrheal Foodborne Pathogens. <i>MBio</i> , 2020, 11, .	1.8	23
54	Interventions designed to control postpasteurization contamination in high-temperature, short-time-pasteurized fluid milk processing facilities: A case study on the effect of employee training, clean-in-place chemical modification, and preventive maintenance programs. <i>Journal of Dairy Science</i> , 2020, 103, 7569-7584.	1.4	11

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55	A phage-encoded anti-CRISPR enables complete evasion of type VI-A CRISPR-Cas immunity. <i>Science</i> , 2020, 369, 54-59.	6.0	77
56	Short communication: Coliform Petrifilm as an alternative method for detecting total gram-negative bacteria in fluid milk. <i>Journal of Dairy Science</i> , 2020, 103, 5043-5046.	1.4	9
57	Landscape, Water Quality, and Weather Factors Associated With an Increased Likelihood of Foodborne Pathogen Contamination of New York Streams Used to Source Water for Produce Production. <i>Frontiers in Sustainable Food Systems</i> , 2020, 3, .	1.8	48
58	Complex Interactions Between Weather, and Microbial and Physicochemical Water Quality Impact the Likelihood of Detecting Foodborne Pathogens in Agricultural Water. <i>Frontiers in Microbiology</i> , 2020, 11, 134.	1.5	57
59	Effect of Weather on the Die-Off of <i>Escherichia coli</i> and Attenuated <i>Salmonella enterica</i> Serovar Typhimurium on Preharvest Leafy Greens following Irrigation with Contaminated Water. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	17
60	Evaluation of real-time nanopore sequencing for <i>Salmonella</i> serotype prediction. <i>Food Microbiology</i> , 2020, 89, 103452.	2.1	20
61	<i>Paenibacillus odorifer</i> , the Predominant <i>Paenibacillus</i> Species Isolated from Milk in the United States, Demonstrates Genetic and Phenotypic Conservation of Psychrotolerance but Clade-Associated Differences in Nitrogen Metabolic Pathways. <i>MSphere</i> , 2020, 5, .	1.3	9
62	Proposal of a Taxonomic Nomenclature for the <i>Bacillus cereus</i> Group Which Reconciles Genomic Definitions of Bacterial Species with Clinical and Industrial Phenotypes. <i>MBio</i> , 2020, 11, .	1.8	127
63	Nevertheless, She Resisted – Role of the Environment on <i>Listeria monocytogenes</i> Sensitivity to Nisin Treatment in a Laboratory Cheese Model. <i>Frontiers in Microbiology</i> , 2020, 11, 635.	1.5	19
64	Comparative genomics reveals different population structures associated with host and geographic origin in antimicrobial-resistant <i>Salmonella enterica</i> . <i>Environmental Microbiology</i> , 2020, 22, 2811-2828.	1.8	12
65	Evolution of <i>Listeria monocytogenes</i> in a Food Processing Plant Involves Limited Single-Nucleotide Substitutions but Considerable Diversification by Gain and Loss of Prophages. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	52
66	Recent Advances in Our Understanding of the Diversity and Roles of Chaperone-Usher Fimbriae in Facilitating <i>Salmonella</i> Host and Tissue Tropism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 628043.	1.8	5
67	A practical training program for fluid milk defect judging should focus on initial training of panelists. <i>Journal of Dairy Science</i> , 2020, 103, 6716-6726.	1.4	1
68	Milking time hygiene interventions on dairy farms reduce spore counts in raw milk. <i>Journal of Dairy Science</i> , 2020, 103, 4088-4099.	1.4	14
69	Prevalence, Persistence, and Diversity of <i>Listeria monocytogenes</i> and <i>Listeria</i> Species in Produce Packinghouses in Three U.S. States. <i>Journal of Food Protection</i> , 2020, 83, 277-286.	0.8	34
70	Validation Using Diverse, Difficult-to-Detect <i>Salmonella</i> Strains and a Dark Chocolate Matrix Highlights the Critical Role of Strain Selection for Evaluation of Simplified, Rapid PCR-Based Methods Offering Next-Day Time to Results. <i>Journal of Food Protection</i> , 2020, 83, 1374-1386.	0.8	3
71	Detection and Prevalence of <i>Listeria</i> in U.S. Produce Packinghouses and Fresh-Cut Facilities. <i>Journal of Food Protection</i> , 2020, 83, 1656-1666.	0.8	21
72	<i>Listeria monocytogenes</i> Prevalence Varies More within Fields Than between Fields or over Time on Conventionally Farmed New York Produce Fields. <i>Journal of Food Protection</i> , 2020, 83, 1958-1966.	0.8	11

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73	Extended Enrichment Procedures Can Be Used To Define False-Negative Probabilities for Cultural Gold Standard Methods for Salmonella Detection, Facilitating Comparisons between Gold Standard and Alternative Methods. <i>Journal of Food Protection</i> , 2020, 83, 1030-1037.	0.8	2
74	Spore-Forming Bacteria Associated with Dairy Powders Can Be Found in Bacteriological Grade Agar – Agar Supply. <i>Journal of Food Protection</i> , 2020, 83, 2074-2079.	0.8	2
75	Bedding and bedding management practices are associated with mesophilic and thermophilic spore levels in bulk tank raw milk. <i>Journal of Dairy Science</i> , 2019, 102, 6885-6900.	1.4	16
76	The ADP-Ribosylating Toxins of Salmonella. <i>Toxins</i> , 2019, 11, 416.	1.5	26
77	Embracing Diversity: Differences in Virulence Mechanisms, Disease Severity, and Host Adaptations Contribute to the Success of Nontyphoidal Salmonella as a Foodborne Pathogen. <i>Frontiers in Microbiology</i> , 2019, 10, 1368.	1.5	95
78	Assessment and Comparison of Molecular Subtyping and Characterization Methods for Salmonella. <i>Frontiers in Microbiology</i> , 2019, 10, 1591.	1.5	56
79	Systematic review of the <i>Listeria monocytogenes</i> σ^B regulon supports a role in stress response, virulence and metabolism. <i>Future Microbiology</i> , 2019, 14, 801-828.	1.0	59
80	Cross Talk between SigB and PrfA in <i>Listeria monocytogenes</i> Facilitates Transitions between Extra- and Intracellular Environments. <i>Microbiology and Molecular Biology Reviews</i> , 2019, 83, .	2.9	53
81	A Conceptual Framework for Developing Recommendations for No-Harvest Buffers around In-Field Feces. <i>Journal of Food Protection</i> , 2019, 82, 1052-1060.	0.8	7
82	EnABLE: An agent-based model to understand <i>Listeria</i> dynamics in food processing facilities. <i>Scientific Reports</i> , 2019, 9, 495.	1.6	27
83	A century of gray: A genomic locus found in 2 distinct <i>Pseudomonas</i> spp. is associated with historical and contemporary color defects in dairy products worldwide. <i>Journal of Dairy Science</i> , 2019, 102, 5979-6000.	1.4	20
84	Assembly and Characterization of a Pathogen Strain Collection for Produce Safety Applications: Pre-growth Conditions Have a Larger Effect on Peroxyacetic Acid Tolerance Than Strain Diversity. <i>Frontiers in Microbiology</i> , 2019, 10, 1223.	1.5	17
85	Serotype-specific evolutionary patterns of antimicrobial-resistant <i>Salmonella enterica</i> . <i>BMC Evolutionary Biology</i> , 2019, 19, 132.	3.2	20
86	Comparative Analysis of Tools and Approaches for Source Tracking <i>Listeria monocytogenes</i> in a Food Facility Using Whole-Genome Sequence Data. <i>Frontiers in Microbiology</i> , 2019, 10, 947.	1.5	61
87	Identification of Novel Mobilized Colistin Resistance Gene <i>mcr-9</i> in a Multidrug-Resistant, Colistin-Susceptible <i>Salmonella enterica</i> Serotype Typhimurium Isolate. <i>MBio</i> , 2019, 10, .	1.8	406
88	Genes Associated With Psychrotolerant <i>Bacillus cereus</i> Group Isolates. <i>Frontiers in Microbiology</i> , 2019, 10, 662.	1.5	6
89	Evaluation of <i>invA</i> Diversity among <i>Salmonella</i> Species Suggests Why Some Commercially Available Rapid Detection Kits May Fail To Detect Multiple <i>Salmonella</i> Subspecies and Species. <i>Journal of Food Protection</i> , 2019, 82, 710-717.	0.8	13
90	Characterization of Emetic and Diarrheal <i>Bacillus cereus</i> Strains From a 2016 Foodborne Outbreak Using Whole-Genome Sequencing: Addressing the Microbiological, Epidemiological, and Bioinformatic Challenges. <i>Frontiers in Microbiology</i> , 2019, 10, 144.	1.5	101

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91	Internal transcribed spacer (ITS) sequence-based characterization of fungal isolates from multiple yogurt facilities – A case study. <i>Journal of Dairy Science</i> , 2019, 102, 3646-3653.	1.4	3
92	An Assessment of Listeriosis Risk Associated with a Contaminated Production Lot of Frozen Vegetables Consumed Under Alternative Consumer Handling Scenarios. <i>Journal of Food Protection</i> , 2019, 82, 2174-2193.	0.8	13
93	Bacterial spore levels in bulk tank raw milk are influenced by environmental and cow hygiene factors. <i>Journal of Dairy Science</i> , 2019, 102, 9689-9701.	1.4	23
94	Pre-Harvest Survival and Post-Harvest Chlorine Tolerance of Enterohemorrhagic <i>Escherichia coli</i> on Lettuce. <i>Toxins</i> , 2019, 11, 675.	1.5	4
95	Environmental conditions and serotype affect <i>Listeria monocytogenes</i> susceptibility to phage treatment in a laboratory cheese model. <i>Journal of Dairy Science</i> , 2019, 102, 9674-9688.	1.4	17
96	Next-Generation Sequencing. , 2019, , 376-383.		1
97	The Typhoid Toxin Produced by the Nontyphoidal <i>Salmonella enterica</i> Serotype Javiana Is Required for Induction of a DNA Damage Response <i>In Vitro</i> and Systemic Spread <i>In Vivo</i> . <i>MBio</i> , 2018, 9, .	1.8	30
98	Intraclade Variability in Toxin Production and Cytotoxicity of <i>Bacillus cereus</i> Group Type Strains and Dairy-Associated Isolates. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	74
99	Identification and classification of sampling sites for pathogen environmental monitoring programs for <i>Listeria monocytogenes</i> : Results from an expert elicitation. <i>Food Microbiology</i> , 2018, 75, 2-17.	2.1	35
100	Emerging needs and opportunities in foodborne disease detection and prevention: From tools to people. <i>Food Microbiology</i> , 2018, 75, 65-71.	2.1	48
101	Approaches to empower the implementation of new tools to detect and prevent foodborne pathogens in food processing. <i>Food Microbiology</i> , 2018, 75, 126-132.	2.1	23
102	Symposium review: Effect of post-pasteurization contamination on fluid milk quality. <i>Journal of Dairy Science</i> , 2018, 101, 861-870.	1.4	59
103	Molecular ecology of <i>Listeria</i> spp., <i>Salmonella</i> , <i>Escherichia coli</i> O157:H7 and non-O157 Shiga toxin-producing <i>E. coli</i> in pristine natural environments in Northern Colorado. <i>Journal of Applied Microbiology</i> , 2018, 124, 511-521.	1.4	12
104	Foodborne Illness Outbreak Investigation Training Needs: A Survey Among State Public Health Staff in the Northeast and Mid-Atlantic United States. <i>Journal of Public Health Management and Practice</i> , 2018, 24, 34-40.	0.7	1
105	Backyard Farms Represent a Source of Wide Host Range <i>Salmonella</i> Phages That Lysed the Most Common <i>Salmonella</i> Serovars. <i>Journal of Food Protection</i> , 2018, 81, 272-278.	0.8	8
106	Evaluation of biopreservatives in Greek yogurt to inhibit yeast and mold spoilage and development of a yogurt spoilage predictive model. <i>Journal of Dairy Science</i> , 2018, 101, 10759-10774.	1.4	22
107	<i>Pseudomonas fluorescens</i> group bacterial strains are responsible for repeat and sporadic postpasteurization contamination and reduced fluid milk shelf life. <i>Journal of Dairy Science</i> , 2018, 101, 7780-7800.	1.4	42
108	The <i>Listeria monocytogenes</i> Bile Stimulon under Acidic Conditions Is Characterized by Strain-Specific Patterns and the Upregulation of Motility, Cell Wall Modification Functions, and the PrfA Regulon. <i>Frontiers in Microbiology</i> , 2018, 9, 120.	1.5	22

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109	Salmonella enterica Prophage Sequence Profiles Reflect Genome Diversity and Can Be Used for High Discrimination Subtyping. <i>Frontiers in Microbiology</i> , 2018, 9, 836.	1.5	53
110	Design Elements of <i>Listeria</i> Environmental Monitoring Programs in Food Processing Facilities: A Scoping Review of Research and Guidance Materials. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018, 17, 1156-1171.	5.9	35
111	Psychrotolerant spore-former growth characterization for the development of a dairy spoilage predictive model. <i>Journal of Dairy Science</i> , 2018, 101, 6964-6981.	1.4	39
112	Rapid detection and characterization of postpasteurization contaminants in pasteurized fluid milk. <i>Journal of Dairy Science</i> , 2018, 101, 7746-7756.	1.4	21
113	Whole-Genome Sequencing of Drug-Resistant <i>Salmonella enterica</i> Isolates from Dairy Cattle and Humans in New York and Washington States Reveals Source and Geographic Associations. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	89
114	Genetic Stability and Evolution of the <i>sigB</i> Allele, Used for <i>Listeria</i> Sensu Stricto Subtyping and Phylogenetic Inference. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	36
115	<i>Escherichia coli</i> transfer from simulated wildlife feces to lettuce during foliar irrigation: A field study in the Northeastern United States. <i>Food Microbiology</i> , 2017, 68, 24-33.	2.1	29
116	Precision food safety: A systems approach to food safety facilitated by genomics tools. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 52-61.	5.8	74
117	Survival and detection of coliforms, Enterobacteriaceae, and gram-negative bacteria in Greek yogurt. <i>Journal of Dairy Science</i> , 2017, 100, 950-960.	1.4	29
118	Internal transcribed spacer (ITS) sequencing reveals considerable fungal diversity in dairy products. <i>Journal of Dairy Science</i> , 2017, 100, 8814-8825.	1.4	29
119	Longitudinal assessment of dairy farm management practices associated with the presence of psychrotolerant Bacillales spores in bulk tank milk on 10 New York State dairy farms. <i>Journal of Dairy Science</i> , 2017, 100, 8783-8795.	1.4	15
120	Short communication: <i>Pseudomonas azotoformans</i> causes gray discoloration in HTST fluid milk. <i>Journal of Dairy Science</i> , 2017, 100, 7906-7909.	1.4	11
121	A 100-Year Review: Microbiology and safety of milk handling. <i>Journal of Dairy Science</i> , 2017, 100, 9933-9951.	1.4	100
122	Rapid, High-Throughput Identification of Anthrax-Causing and Emetic <i>Bacillus cereus</i> Group Genome Assemblies via BTyper, a Computational Tool for Virulence-Based Classification of <i>Bacillus cereus</i> Group Isolates by Using Nucleotide Sequencing Data. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	80
123	Consensus categorization of cheese based on water activity and pH: A rational approach to systemizing cheese diversity. <i>Journal of Dairy Science</i> , 2017, 100, 841-847.	1.4	20
124	Comparative Genomics Reveals the Diversity of Restriction-Modification Systems and DNA Methylation Sites in <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	31
125	Stochastic and Differential Activation of <i>lfb</i> and <i>PrfA</i> in <i>Listeria monocytogenes</i> at the Single Cell Level under Different Environmental Stress Conditions. <i>Frontiers in Microbiology</i> , 2017, 8, 348.	1.5	19
126	Temporal Genomic Phylogeny Reconstruction Indicates a Geospatial Transmission Path of <i>Salmonella</i> Cerro in the United States and a Clade-Specific Loss of Hydrogen Sulfide Production. <i>Frontiers in Microbiology</i> , 2017, 8, 737.	1.5	31

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127	A Syst-OMICS Approach to Ensuring Food Safety and Reducing the Economic Burden of Salmonellosis. <i>Frontiers in Microbiology</i> , 2017, 8, 996.	1.5	42
128	Home Alone: Elimination of All but One Alternative Sigma Factor in <i>Listeria monocytogenes</i> Allows Prediction of New Roles for σ B. <i>Frontiers in Microbiology</i> , 2017, 8, 1910.	1.5	49
129	Survival of <i>Escherichia coli</i> on Lettuce under Field Conditions Encountered in the Northeastern United States. <i>Journal of Food Protection</i> , 2017, 80, 1214-1221.	0.8	37
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