

Laura M Carroll

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,481
citations

623188

14
h-index

476904

29
g-index

40
all docs

40
docs citations

40
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	Keeping up with the <i>Bacillus cereus</i> group: taxonomy through the genomics era and beyond. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7677-7702.	5.4	49
2	Associations between <i>Listeria monocytogenes</i> genomic characteristics and adhesion to polystyrene at 8°C. <i>Food Microbiology</i> , 2022, 102, 103915.	2.1	12
3	Genomic Sequencing of <i>Bacillus cereus</i> Sensu Lato Strains Isolated from Meat and Poultry Products in South Africa Enables Inter- and Intranational Surveillance and Source Tracking. <i>Microbiology Spectrum</i> , 2022, 10, e0070022.	1.2	4
4	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
5	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
6	Genomic Characterization of Endemic and Ecdemic Non-typhoidal <i>Salmonella enterica</i> Lineages Circulating Among Animals and Animal Products in South Africa. <i>Frontiers in Microbiology</i> , 2021, 12, 748611.	1.5	10
7	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
8	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
9	No Assembly Required: Using BTyper3 to Assess the Congruency of a Proposed Taxonomic Framework for the <i>Bacillus cereus</i> Group With Historical Typing Methods. <i>Frontiers in Microbiology</i> , 2020, 11, 580691.	1.5	32
10	Genomic Characterization of <i>Salmonella</i> Minnesota Clonal Lineages Associated with Poultry Production in Brazil. <i>Animals</i> , 2020, 10, 2043.	1.0	10
11	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
12	Cereulide Synthetase Acquisition and Loss Events within the Evolutionary History of Group III <i>Bacillus cereus</i> Sensu Lato Facilitate the Transition between Emetic and Diarrheal Foodborne Pathogens. <i>MBio</i> , 2020, 11, .	1.8	23
13	Novel Effective <i>Bacillus cereus</i> Group Species <i>Bacillus clarus</i> Is Represented by Antibiotic-Producing Strain ATCC 21929 Isolated from Soil. <i>MSphere</i> , 2020, 5, .	1.3	13
14	<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
15	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
16	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
17	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
18	Serotype-specific evolutionary patterns of antimicrobial-resistant <i>Salmonella enterica</i> . <i>BMC Evolutionary Biology</i> , 2019, 19, 132.	3.2	20

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19	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
20	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
21	Next-Generation Sequencing. , 2019, , 376-383.		1
22	Impacts of feeding preweaned calves milk containing drug residues on the functional profile of the fecal microbiota. <i>Scientific Reports</i> , 2018, 8, 554.	1.6	29
23	First report of an <i>mcr-1</i> -harboring <i>Salmonella enterica</i> subsp. <i>enterica</i> serotype 4,5,12:i:- strain isolated from blood of a patient in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 740-741.	1.1	10
24	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
25	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
26	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
27	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
28	<i>Bacillus wiedmannii</i> sp. nov., a psychrotolerant and cytotoxic <i>Bacillus cereus</i> group species isolated from dairy foods and dairy environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4744-4753.	0.8	157
29	Application of a Nonlinear Model to Transcript Levels of Upregulated Stress Response Gene <i>ibpA</i> in Stationary-Phase <i>Salmonella enterica</i> Subjected to Sublethal Heat Stress. <i>Journal of Food Protection</i> , 2016, 79, 1089-1096.	0.8	4
30	Production of hemolysin BL by <i>Bacillus cereus</i> group isolates of dairy origin is associated with whole-genome phylogenetic clade. <i>BMC Genomics</i> , 2016, 17, 581.	1.2	77