

Daniel L Weller

List of Publications by Year in descending order

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42
papers

1,567
citations

430874

18
h-index

330143

37
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47
all docs

47
docs citations

47
times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	County-Level COVID-19 Vaccination Coverage and Social Vulnerability â€” United States, December 14, 2020â€”March 1, 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 431-436.	15.1	195
2	Disparities in COVID-19 Vaccination Coverage Between Urban and Rural Counties â€” United States, December 14, 2020â€”April 10, 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 759-764.	15.1	170
3	Patterns in COVID-19 Vaccination Coverage, by Social Vulnerability and Urbanicity â€” United States, December 14, 2020â€”May 1, 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 818-824.	15.1	150
4	COVID-19 Vaccination Coverage Among Adults â€” United States, December 14, 2020â€”May 22, 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 922-927.	15.1	127
5	<i>Listeria booriae</i> sp. nov. and <i>Listeria newyorkensis</i> sp. nov., from food processing environments in the USA. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 286-292.	1.7	100
6	Spatial and Temporal Factors Associated with an Increased Prevalence of <i>Listeria monocytogenes</i> in Spinach Fields in New York State. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6059-6069.	3.1	92
7	Irrigation Is Significantly Associated with an Increased Prevalence of <i>Listeria monocytogenes</i> in Produce Production Environments in New York State. <i>Journal of Food Protection</i> , 2015, 78, 1132-1141.	1.7	72
8	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.	3.5	57
9	<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, .	1.7	54
10	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.	13.3	54
11	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, .	3.9	48
12	Contextualizing the Immigrant Experience: The Role of Food and Foodways in Identity Maintenance and Formation for First- and Second-generation Latinos in Ithaca, New York. <i>Ecology of Food and Nutrition</i> , 2015, 54, 57-73.	1.6	41
13	Food safety trends: From globalization of whole genome sequencing to application of new tools to prevent foodborne diseases. <i>Trends in Food Science and Technology</i> , 2016, 57, 188-198.	15.1	39
14	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.	1.7	37
15	<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.	4.2	29
16	Validation of a Previously Developed Geospatial Model That Predicts the Prevalence of <i>Listeria monocytogenes</i> in New York State Produce Fields. <i>Applied and Environmental Microbiology</i> , 2016, 82, 797-807.	3.1	27
17	Ancient experiments: forest biodiversity and soil nutrients enhanced by Native American middens. <i>Landscape Ecology</i> , 2014, 29, 979-987.	4.2	26
18	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, .	3.9	22

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19	Associations of prenatal methylmercury exposure and maternal polyunsaturated fatty acid status with neurodevelopmental outcomes at 7 years of age: results from the Seychelles Child Development Study Nutrition Cohort 2. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 304-313.	4.7	20
20	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, .	3.1	17
21	Individuals who text crisis text line: Key characteristics and opportunities for suicide prevention. <i>Suicide and Life-Threatening Behavior</i> , 2022, 52, 567-582.	1.9	17
22	Microbial Source-Tracking Reveals Origins of Fecal Contamination in a Recovering Watershed. <i>Water (Switzerland)</i> , 2019, 11, 2162.	2.7	16
23	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.	3.4	14
24	The Composition of Microbial Communities in Six Streams, and Its Association With Environmental Conditions, and Foodborne Pathogen Isolation. <i>Frontiers in Microbiology</i> , 2020, 11, 1757.	3.5	13
25	Strain, Soil-Type, Irrigation Regimen, and Poultry Litter Influence <i>Salmonella</i> Survival and Die-off in Agricultural Soils. <i>Frontiers in Microbiology</i> , 2021, 12, 590303.	3.5	13
26	<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.	1.7	11
27	Environmental and anthropogenic factors associated with the likelihood of detecting <i>Salmonella</i> in agricultural watersheds. <i>Environmental Pollution</i> , 2022, 306, 119298.	7.5	11
28	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, .	3.3	9
29	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.	1.7	9
30	Total Coliform and Generic <i>E. coli</i> Levels, and <i>Salmonella</i> Presence in Eight Experimental Aquaponics and Hydroponics Systems: A Brief Report Highlighting Exploratory Data. <i>Horticulturae</i> , 2020, 6, 42.	2.8	8
31	Factors Associated With <i>E. coli</i> Levels in and <i>Salmonella</i> Contamination of Agricultural Water Differed Between North and South Florida Waterways. <i>Frontiers in Water</i> , 2022, 3, .	2.3	8
32	A Conceptual Framework for Developing Recommendations for No-Harvest Buffers around In-Field Feces. <i>Journal of Food Protection</i> , 2019, 82, 1052-1060.	1.7	7
33	Rapid qPCR-Based Water Quality Monitoring in New York State Recreational Waters. <i>Frontiers in Water</i> , 2021, 3, .	2.3	7
34	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.	3.5	6
35	Land Use, Weather, and Water Quality Factors Associated With Fecal Contamination of Northeastern Streams That Span an Urban-Rural Gradient. <i>Frontiers in Water</i> , 2022, 3, .	2.3	6
36	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, .	2.3	4

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37	Anaerobic soil disinfestation, amendment-type, and irrigation regimen influence <i>Salmonella</i> survival and die-off in agricultural soils. <i>Journal of Applied Microbiology</i> , 2022, 132, 2342-2354.	3.1	3
38	Editorial: Functional Diversity of Aquatic Microorganisms and Their Roles in Water Quality. <i>Frontiers in Water</i> , 2022, 4, .	2.3	2
39	Master of Professional Studies in Agriculture and Life Sciences offered through the Field of Food Science and Technology at Cornell University: A Model for the Development of a Course-Based Graduate Degree in Food Science and Technology. <i>Journal of Food Science Education</i> , 2015, 14, 10-17.	1.0	1
40	Food Handling Concerns and Practices Among Patients With Underlying Medical Conditions Associated With COVID-19 Severity. <i>Current Developments in Nutrition</i> , 2021, 5, 251.	0.3	1
41	Food Handling Concerns and Practices at Home during the COVID-19 Pandemic by Food Security Status. <i>Journal of Food Protection</i> , 2022, 85, 518-526.	1.7	0
42	Humans and Hoofed Livestock Are the Main Sources of Fecal Contamination of Rivers Used for Crop Irrigation: A Microbial Source Tracking Approach. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	0