Daniel L Weller

List of Publications by Year
in descending order

42 papers	1,567 citations	430874 18 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	1557 citing authors

#	Article	IF	Citations
1	Anaerobic soil disinfestation, amendment-type, and irrigation regimen influence Salmonella survival and die-off in agricultural soils. Journal of Applied Microbiology, 2022, 132, 2342-2354.	3.1	3
2	Factors Associated With E. coli Levels in and Salmonella Contamination of Agricultural Water Differed Between North and South Florida Waterways. Frontiers in Water, 2022, 3, .	2.3	8
3	Land Use, Weather, and Water Quality Factors Associated With Fecal Contamination of Northeastern Streams That Span an Urban-Rural Gradient. Frontiers in Water, 2022, 3, .	2.3	6
4	Editorial: Functional Diversity of Aquatic Microorganisms and Their Roles in Water Quality. Frontiers in Water, 2022, 4, .	2.3	2
5	Food Handling Concerns and Practices at Home during the COVID-19 Pandemic by Food Security Status. Journal of Food Protection, 2022, 85, 518-526.	1.7	0
6	Environmental and anthropogenic factors associated with the likelihood of detecting Salmonella in agricultural watersheds. Environmental Pollution, 2022, 306, 119298.	7.5	11
7	Individuals who text crisis text line: Key characteristics and opportunities for suicide prevention. Suicide and Life-Threatening Behavior, 2022, 52, 567-582.	1.9	17
8	Strain, Soil-Type, Irrigation Regimen, and Poultry Litter Influence Salmonella Survival and Die-off in Agricultural Soils. Frontiers in Microbiology, 2021, 12, 590303.	3.5	13
9	County-Level COVID-19 Vaccination Coverage and Social Vulnerability â€" United States, December 14, 2020â€"March 1, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 431-436.	15.1	195
10	Interpretability Versus Accuracy: A Comparison of Machine Learning Models Built Using Different Algorithms, Performance Measures, and Features to Predict E. coli Levels in Agricultural Water. Frontiers in Artificial Intelligence, 2021, 4, 628441.	3.4	14
11	Listeria cossartiae sp. nov., Listeria immobilis sp. nov., Listeria portnoyi sp. nov. and Listeria rustica sp. nov., isolated from agricultural water and natural environments. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	54
12	Patterns in COVID-19 Vaccination Coverage, by Social Vulnerability and Urbanicity â€" United States, December 14, 2020â€"May 1, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 818-824.	15.1	150
13	Disparities in COVID-19 Vaccination Coverage Between Urban and Rural Counties â€" United States, December 14, 2020â€"April 10, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 759-764.	15.1	170
14	Comparison of Resampling Algorithms to Address Class Imbalance when Developing Machine Learning Models to Predict Foodborne Pathogen Presence in Agricultural Water. Frontiers in Environmental Science, 2021, 9, .	3.3	9
15	Food Handling Concerns and Practices Among Patients With Underlying Medical Conditions Associated With COVID-19 Severity. Current Developments in Nutrition, 2021, 5, 251.	0.3	1
16	COVID-19 Vaccination Coverage Among Adults â€" United States, December 14, 2020â€"May 22, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 922-927.	15.1	127
17	Nationwide genomic atlas of soil-dwelling Listeria reveals effects of selection and population ecology on pangenome evolution. Nature Microbiology, 2021, 6, 1021-1030.	13.3	54
18	Integrative Survey of 68 Non-overlapping Upstate New York Watersheds Reveals Stream Features Associated With Aquatic Fecal Contamination. Frontiers in Microbiology, 2021, 12, 684533.	3.5	6

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19	Cross-Validation Indicates Predictive Models May Provide an Alternative to Indicator Organism Monitoring for Evaluating Pathogen Presence in Southwestern US Agricultural Water. Frontiers in Water, 2021, 3, .	2.3	4
20	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. American Journal of Clinical Nutrition, 2021, 113, 304-313.	4.7	20
21	Rapid qPCR-Based Water Quality Monitoring in New York State Recreational Waters. Frontiers in Water, 2021, 3, .	2.3	7
22	Small Produce Farm Environments Can Harbor Diverse Listeria monocytogenes and Listeria spp. Populations. Journal of Food Protection, 2021, 84, 113-121.	1.7	9
23	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. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	22
24	The Composition of Microbial Communities in Six Streams, and Its Association With Environmental Conditions, and Foodborne Pathogen Isolation. Frontiers in Microbiology, 2020, 11, 1757.	3.5	13
25	Total Coliform and Generic E. coli Levels, and Salmonella Presence in Eight Experimental Aquaponics and Hydroponics Systems: A Brief Report Highlighting Exploratory Data. Horticulturae, 2020, 6, 42.	2.8	8
26	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. Frontiers in Sustainable Food Systems, 2020, 3, .	3.9	48
27	Complex Interactions Between Weather, and Microbial and Physicochemical Water Quality Impact the Likelihood of Detecting Foodborne Pathogens in Agricultural Water. Frontiers in Microbiology, 2020, 11, 134.	3.5	57
28	Effect of Weather on the Die-Off of Escherichia coli and Attenuated Salmonella enterica Serovar Typhimurium on Preharvest Leafy Greens following Irrigation with Contaminated Water. Applied and Environmental Microbiology, 2020, 86, .	3.1	17
29	Listeria monocytogenes Prevalence Varies More within Fields Than between Fields or over Time on Conventionally Farmed New York Produce Fields. Journal of Food Protection, 2020, 83, 1958-1966.	1.7	11
30	A Conceptual Framework for Developing Recommendations for No-Harvest Buffers around In-Field Feces. Journal of Food Protection, 2019, 82, 1052-1060.	1.7	7
31	Microbial Source-Tracking Reveals Origins of Fecal Contamination in a Recovering Watershed. Water (Switzerland), 2019, 11, 2162.	2.7	16
32	Escherichia coli transfer from simulated wildlife feces to lettuce during foliar irrigation: A field study in the Northeastern United States. Food Microbiology, 2017, 68, 24-33.	4.2	29
33	Survival of Escherichia coli on Lettuce under Field Conditions Encountered in the Northeastern United States. Journal of Food Protection, 2017, 80, 1214-1221.	1.7	37
34	Food safety trends: From globalization of whole genome sequencing to application of new tools to prevent foodborne diseases. Trends in Food Science and Technology, 2016, 57, 188-198.	15.1	39
35	Validation of a Previously Developed Geospatial Model That Predicts the Prevalence of Listeria monocytogenes in New York State Produce Fields. Applied and Environmental Microbiology, 2016, 82, 797-807.	3.1	27
36	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. Journal of Food Science Education, 2015, 14, 10-17.	1.0	1

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37	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, 6059-6069.	3.1	92
38	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, 1132-1141.	1.7	72
39	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. Ecology of Food and Nutrition, 2015, 54, 57-73.	1.6	41
40	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.	1.7	100
41	Ancient experiments: forest biodiversity and soil nutrients enhanced by Native American middens. Landscape Ecology, 2014, 29, 979-987.	4.2	26
42	Humans and Hoofed Livestock Are the Main Sources of Fecal Contamination of Rivers Used for Crop Irrigation: A Microbial Source Tracking Approach. Frontiers in Microbiology, 0, 13, .	3.5	0