

Daniel N Miller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,010
citations

18
h-index

31
g-index

39
ext. papers

1,188
ext. citations

4.4
avg, IF

4.37
L-index

#	Paper	IF	Citations
36	Ammonium transport and reaction in contaminated groundwater: Application of isotope tracers and isotope fractionation studies. <i>Water Resources Research</i> , 2006 , 42,	5.4	118
35	Distribution and quantification of antibiotic resistant genes and bacteria across agricultural and non-agricultural metagenomes. <i>PLoS ONE</i> , 2012 , 7, e48325	3.7	91
34	Evaluation of gel filtration resins for the removal of PCR-inhibitory substances from soils and sediments. <i>Journal of Microbiological Methods</i> , 2001 , 44, 49-58	2.8	90
33	Cattle feedlot soil moisture and manure content: II. Impact on Escherichia coli O157. <i>Journal of Environmental Quality</i> , 2005 , 34, 656-63	3.4	69
32	In situ stimulation of groundwater denitrification with formate to remediate nitrate contamination. <i>Environmental Science & Technology</i> , 2001 , 35, 196-203	10.3	69
31	Small-scale, hydrogen-oxidizing-denitrifying bioreactor for treatment of nitrate-contaminated drinking water. <i>Water Research</i> , 2005 , 39, 2014-23	12.5	68
30	Arbuscular mycorrhizal fungi differ in their ability to regulate the expression of phosphate transporters in maize (<i>Zea mays</i> L.). <i>Mycorrhiza</i> , 2013 , 23, 507-14	3.9	49
29	Plant-derived oils reduce pathogens and gaseous emissions from stored cattle waste. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 1366-70	4.8	47
28	Antimicrobial resistance and the environment: assessment of advances, gaps and recommendations for agriculture, aquaculture and pharmaceutical manufacturing. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	41
27	Assessment of Selected Antibiotic Resistances in Ungrazed Native Nebraska Prairie Soils. <i>Journal of Environmental Quality</i> , 2016 , 45, 454-62	3.4	40
26	Cattle feedlot soil moisture and manure content: I. Impacts on greenhouse gases, odor compounds, nitrogen losses, and dust. <i>Journal of Environmental Quality</i> , 2005 , 34, 644-55	3.4	39
25	Bacterial and archaeal ammonia oxidizers respond differently to long-term tillage and fertilizer management at a continuous maize site. <i>Soil and Tillage Research</i> , 2017 , 168, 110-117	6.5	28
24	Tetracycline and Sulfonamide Antibiotic Resistance Genes in Soils From Nebraska Organic Farming Operations. <i>Frontiers in Microbiology</i> , 2018 , 9, 1283	5.7	28
23	A solid-phase microextraction chamber method for analysis of manure volatiles. <i>Journal of Environmental Quality</i> , 2006 , 35, 2383-94	3.4	28
22	Environmental fate and microbial effects of monensin, lincomycin, and sulfamethazine residues in soil. <i>Environmental Pollution</i> , 2019 , 246, 60-68	9.3	27
21	Greenhouse gas mitigation by covers on livestock slurry tanks and lagoons?. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 1407-1411	4.3	25
20	Effect of antimicrobial agents on livestock waste emissions. <i>Current Microbiology</i> , 2000 , 40, 392-7	2.4	21

19	Electromagnetic Induction Sensor Data to Identify Areas of Manure Accumulation on a Feedlot Surface. <i>Soil Science Society of America Journal</i> , 2009 , 73, 2068-2077	2.5	18
18	Methanotrophic Activity, Abundance, and Diversity in Forested Swamp Pools: Spatiotemporal Dynamics and Influences on Methane Fluxes. <i>Geomicrobiology Journal</i> , 2004 , 21, 257-271	2.5	17
17	Applications of laser scanning microscopy for analysis of aquatic microhabitats. <i>Microscopy Research and Technique</i> , 1996 , 33, 73-86	2.8	16
16	Microbial characterization of nitrification in a shallow, nitrogen-contaminated aquifer, Cape Cod, Massachusetts and detection of a novel cluster associated with nitrifying Betaproteobacteria. <i>Journal of Contaminant Hydrology</i> , 2009 , 103, 182-93	3.9	14
15	Effect of bedding materials on concentration of odorous compounds and in beef cattle bedded manure packs. <i>Journal of Environmental Quality</i> , 2013 , 42, 65-75	3.4	10
14	Emission of volatile organic compounds after land application of cattle manure. <i>Journal of Environmental Quality</i> , 2014 , 43, 1207-18	3.4	8
13	Bacterial Community of the Rice Floodwater Using Cultivation-Independent Approaches. <i>International Journal of Microbiology</i> , 2018 , 2018, 6280484	3.6	8
12	Tracking Bacteria through the Entire Gastrointestinal Tract of a Beef Steer. <i>Agricultural and Environmental Letters</i> , 2017 , 2, 170016	1.5	7
11	Use of wood-based materials in beef bedded manure packs: 1. Effect on ammonia, total reduced sulfide, and greenhouse gas concentrations. <i>Journal of Environmental Quality</i> , 2014 , 43, 1187-94	3.4	6
10	Impact of Vegetative Treatment Systems on Multiple Measures of Antibiotic Resistance in Agricultural Wastewater. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
9	Use of wood-based materials in beef bedded manure packs: 2. Effect on odorous volatile organic compounds, odor activity value, , and nutrient concentrations. <i>Journal of Environmental Quality</i> , 2014 , 43, 1195-206	3.4	5
8	High purity 14CH ₄ generation using the thermophilic acetotrophic methanogen Methanotrix sp. strain CALS-1. <i>Journal of Microbiological Methods</i> , 1999 , 35, 151-6	2.8	5
7	Ammonia, Total Reduced Sulfides, and Greenhouse Gases of Pine Chip and Corn Stover Bedding Packs. <i>Journal of Environmental Quality</i> , 2016 , 45, 630-7	3.4	4
6	Evaluation of Fecal Indicators and Pathogens in a Beef Cattle Feedlot Vegetative Treatment System. <i>Journal of Environmental Quality</i> , 2017 , 46, 169-176	3.4	3
5	Simulated Winter Incubation of Soil With Swine Manure Differentially Affects Multiple Antimicrobial Resistance Elements. <i>Frontiers in Microbiology</i> , 2020 , 11, 611912	5.7	2
4	Enteric Methane Emissions and Animal Performance in Dairy and Beef Cattle Production: Strategies, Opportunities, and Impact of Reducing Emissions.. <i>Animals</i> , 2022 , 12,	3.1	2
3	Setback distance impacts on transport and antibiotic resistance phenotypes of fecal indicators 2020 , 3, e20081		1
2	Distillers By-Product Cattle Diets Enhance Reduced Sulfur Gas Fluxes from Feedlot Soils and Manures. <i>Journal of Environmental Quality</i> , 2016 , 45, 1161-8	3.4	1

- 1 Differential Survival of Non-O157 Shiga Toxigenic in Simulated Cattle Feedlot Runoff. *Foodborne Pathogens and Disease*, **2021**, 18, 771-777

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