

Meghan F Davis

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.

71
papers

1,311
citations

20
h-index

34
g-index

89
ext. papers

1,654
ext. citations

5.7
avg, IF

4.43
L-index

#	Paper	IF	Citations
71	Household transmission of meticillin-resistant <i>Staphylococcus aureus</i> and other staphylococci. <i>Lancet Infectious Diseases, The</i> , 2012 , 12, 703-16	25.5	111
70	Multidrug-resistant <i>Salmonella</i> Typhimurium infection from milk contaminated after pasteurization. <i>Emerging Infectious Diseases</i> , 2004 , 10, 932-5	10.2	78
69	2331. Household Pets and Recovery of <i>Moraxella catarrhalis</i> and Other Respiratory Pathogens From Children With Asthma. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S692-S693	1	78
68	The shared microbiota of humans and companion animals as evaluated from <i>Staphylococcus</i> carriage sites. <i>Microbiome</i> , 2015 , 3, 2	16.6	70
67	Feather meal: a previously unrecognized route for reentry into the food supply of multiple pharmaceuticals and personal care products (PPCPs). <i>Environmental Science & Technology</i> , 2012 , 46, 3795-802	10.3	69
66	Recommendations for approaches to meticillin-resistant staphylococcal infections of small animals: diagnosis, therapeutic considerations and preventative measures.: Clinical Consensus Guidelines of the World Association for Veterinary Dermatology. <i>Veterinary Dermatology</i> , 2017 , 28, 304-e69	1.8	68
65	Dose imprecision and resistance: free-choice medicated feeds in industrial food animal production in the United States. <i>Environmental Health Perspectives</i> , 2011 , 119, 279-83	8.4	54
64	Checklist for One Health Epidemiological Reporting of Evidence (COHERE). <i>One Health</i> , 2017 , 4, 14-21	7.6	52
63	Indoor air quality in inner-city schools and its associations with building characteristics and environmental factors. <i>Environmental Research</i> , 2019 , 170, 83-91	7.9	47
62	Methicillin-resistant <i>Staphylococcus aureus</i> ST9 in pigs in Thailand. <i>PLoS ONE</i> , 2012 , 7, e31245	3.7	46
61	<i>Staphylococcus aureus</i> colonization is associated with wheeze and asthma among US children and young adults. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 811-3.e5	11.5	44
60	An ecological perspective on U.S. industrial poultry production: the role of anthropogenic ecosystems on the emergence of drug-resistant bacteria from agricultural environments. <i>Current Opinion in Microbiology</i> , 2011 , 14, 244-50	7.9	37
59	Duration of Colonization and Determinants of Earlier Clearance of Colonization With Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , 2015 , 60, 1489-96	11.6	33
58	A niche for infectious disease in environmental health: rethinking the toxicological paradigm. <i>Environmental Health Perspectives</i> , 2010 , 118, 1165-72	8.4	33
57	One reservoir: redefining the community origins of antimicrobial-resistant infections. <i>Medical Clinics of North America</i> , 2008 , 92, 1391-407, xi	7	33
56	Anatomical patterns of colonization of pets with staphylococcal species in homes of people with methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) skin or soft tissue infection (SSTI). <i>Veterinary Microbiology</i> , 2015 , 176, 202-8	3.3	29
55	Association between Western diet pattern and adult asthma: a focused review. <i>Annals of Allergy, Asthma and Immunology</i> , 2015 , 114, 273-80	3.2	27

54	Environmental Determinants of <i>Vibrio parahaemolyticus</i> in the Chesapeake Bay. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	26
53	School environmental conditions and links to academic performance and absenteeism in urban, mid-Atlantic public schools. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 800-808	6.9	23
52	Two coagulase-negative staphylococci emerging as potential zoonotic pathogens: wolves in sheep's clothing?. <i>Frontiers in Microbiology</i> , 2013 , 4, 123	5.7	21
51	Floors and Toilets: Association of Floors and Sanitation Practices with Fecal Contamination in Peruvian Amazon Peri-Urban Households. <i>Environmental Science & Technology</i> , 2016 , 50, 7373-81	10.3	20
50	Antimicrobial-resistant Bacteria: An Unrecognized Work-related Risk in Food Animal Production. <i>Safety and Health at Work</i> , 2012 , 3, 85-91	4	19
49	Salmonella infection and carriage in reptiles in a zoological collection. <i>Journal of the American Veterinary Medical Association</i> , 2016 , 248, 1050-9	1	18
48	Dry collection and culture methods for recovery of methicillin-susceptible and methicillin-resistant <i>Staphylococcus aureus</i> strains from indoor home environments. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2474-6	4.8	18
47	Occurrence of <i>Staphylococcus aureus</i> in swine and swine workplace environments on industrial and antibiotic-free hog operations in North Carolina, USA: A One Health pilot study. <i>Environmental Research</i> , 2018 , 163, 88-96	7.9	16
46	Analysis of home dust for <i>Staphylococcus aureus</i> and staphylococcal enterotoxin genes using quantitative PCR. <i>Science of the Total Environment</i> , 2017 , 581-582, 750-755	10.2	14
45	Genome sequencing reveals strain dynamics of methicillin-resistant <i>Staphylococcus aureus</i> in the same household in the context of clinical disease in a person and a dog. <i>Veterinary Microbiology</i> , 2015 , 180, 304-7	3.3	14
44	External Societal Costs of Antimicrobial Resistance in Humans Attributable to Antimicrobial Use in Livestock. <i>Annual Review of Public Health</i> , 2020 , 41, 141-157	20.6	13
43	One Health in hospitals: how understanding the dynamics of people, animals, and the hospital built-environment can be used to better inform interventions for antimicrobial-resistant gram-positive infections. <i>Antimicrobial Resistance and Infection Control</i> , 2020 , 9, 78	6.2	12
42	Collaborative Interferon- γ and Interleukin-17 Signaling Protects the Oral Mucosa from <i>Staphylococcus aureus</i> . <i>American Journal of Pathology</i> , 2016 , 186, 2337-52	5.8	12
41	Risk factors for recurrent colonization with methicillin-resistant <i>Staphylococcus aureus</i> in community-dwelling adults and children. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 786-93	2	12
40	Household risk factors for colonization with multidrug-resistant <i>Staphylococcus aureus</i> isolates. <i>PLoS ONE</i> , 2013 , 8, e54733	3.7	12
39	The Effect of Total Household Decolonization on Clearance of Colonization With Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 1226-33	2.33	11
38	Molecular and phenotypic characteristics of healthcare- and community-associated methicillin-resistant <i>Staphylococcus aureus</i> at a rural hospital. <i>PLoS ONE</i> , 2012 , 7, e38354	3.7	11
37	Multidrug and Mupirocin Resistance in Environmental Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Isolates from Homes of People Diagnosed with Community-Onset MRSA Infection. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	10

36	Correlation between animal nasal carriage and environmental methicillin-resistant <i>Staphylococcus aureus</i> isolates at U.S. horse and cattle farms. <i>Veterinary Microbiology</i> , 2012 , 160, 539-43	3.3	10
35	Effect of home exposure to <i>Staphylococcus aureus</i> on asthma in adolescents. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 402-405.e10	11.5	10
34	Risks associated with animal-assisted intervention programs: A literature review. <i>Complementary Therapies in Clinical Practice</i> , 2020 , 39, 101145	3.5	9
33	Comparison of Culture-Based Methods for Identification of Colonization with Methicillin-Resistant and Methicillin-Susceptible <i>Staphylococcus aureus</i> in the Context of Cocolonization. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1907-1911	9.7	8
32	Interplay between policy and science regarding low-dose antimicrobial use in livestock. <i>Frontiers in Microbiology</i> , 2014 , 5, 86	5.7	7
31	The Cat's in the Bag: Despite Limited Cat-to-Cat Severe Acute Respiratory Syndrome Coronavirus 2 Transmission, One Health Surveillance Efforts Are Needed. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1309-1312 ⁷	7	7
30	A Review of the Effectiveness of Current US Policies on Antimicrobial Use in Meat and Poultry Production.. <i>Current Environmental Health Reports</i> , 2022 , 9, 339	6.5	7
29	Fetal heart rate and motor activity associations with maternal organochlorine levels: results of an exploratory study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 474-81	6.7	6
28	Neurologic symptoms associated with raising poultry and swine among participants in the Agricultural Health Study. <i>Journal of Occupational and Environmental Medicine</i> , 2011 , 53, 190-5	2	6
27	New infectious diseases and industrial food animal production. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1503; author reply 1504	10.2	6
26	Molecular and epidemiological characterization of canine <i>Pseudomonas</i> otitis using a prospective case-control study design. <i>Veterinary Dermatology</i> , 2017 , 28, 118-e25	1.8	5
25	Neurologic symptoms associated with cattle farming in the agricultural health study. <i>Journal of Occupational and Environmental Medicine</i> , 2012 , 54, 1253-8	2	4
24	Current State of and Future Opportunities for Prediction in Microbiome Research: Report from the Mid-Atlantic Microbiome Meet-up in Baltimore on 9 January 2019. <i>MSystems</i> , 2019 , 4,	7.6	4
23	Transmission of Antimicrobial-Resistant <i>Staphylococcus aureus</i> Clonal Complex 9 between Pigs and Humans, United States. <i>Emerging Infectious Diseases</i> , 2021 , 27, 740-748	10.2	4
22	Pig Movement and Antimicrobial Use Drive Transmission of Livestock-Associated <i>Staphylococcus aureus</i> CC398. <i>MBio</i> , 2018 , 9,	7.8	4
21	Surface Sampling Collection and Culture Methods for <i>Escherichia coli</i> in Household Environments with High Fecal Contamination. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	3
20	Atopy as a Modifier of the Relationships Between Endotoxin Exposure and Symptoms Among Laboratory Animal Workers. <i>Annals of Work Exposures and Health</i> , 2017 , 61, 1024-1028	2.4	3
19	Contamination of Retail Meat Samples with Multidrug-Resistant Organisms in Relation to Organic and Conventional Production and Processing: A Cross-Sectional Analysis of Data from the United States National Antimicrobial Resistance Monitoring System, 2012-2017. <i>Environmental Health Perspectives</i> , 2021 , 129, 57004	8.4	3

18	Associations among Household Animal Ownership, Infrastructure, and Hygiene Characteristics with Source Attribution of Household Fecal Contamination in Peri-Urban Communities of Iquitos, Peru. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 , 104, 372-381	3.2	2
17	160. Reduction in the Spread of Hospital-Associated Infections Among Pediatric Oncology Patients in an Animal-Assisted Intervention Program from a Canine Decolonization Procedure. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S14-S14	1	2
16	Home Environmental Contamination Is Associated with Community-associated Methicillin-resistant <i>Staphylococcus aureus</i> Re-colonization in Treated Patients. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S7-S7 ¹	1	1
15	Home Dust Allergen Exposure is Associated with Outcomes Among Sensitized Individuals with COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	1
14	Validation of microbial source tracking markers for the attribution of fecal contamination in indoor-household environments of the Peruvian Amazon. <i>Science of the Total Environment</i> , 2020 , 743, 140531	10.2	1
13	Microbial Sharing between Pediatric Patients and Therapy Dogs during Hospital Animal-Assisted Intervention Programs. <i>Microorganisms</i> , 2021 , 9,	4.9	1
12	How animal agriculture stakeholders define, perceive, and are impacted by antimicrobial resistance: challenging the Wellcome Trust's principles. <i>Agriculture and Human Values</i> , 2021 , 38, 893-909 ²⁻⁷	1	1
11	Self-reported work activities, eye, nose, and throat symptoms, and respiratory health outcomes among an industrial hog operation worker cohort, North Carolina, USA. <i>American Journal of Industrial Medicine</i> , 2021 , 64, 403-413	2.7	1
10	Meat Production and Antibiotics Use 2017 , 305-357		0
9	Dexamethasone-Induced FKBP51 Expression in CD4 T-Lymphocytes Is Uniquely Associated With Worse Asthma Control in Obese Children With Asthma. <i>Frontiers in Immunology</i> , 2021 , 12, 744782	8.4	0
8	The effect of dog allergen exposure on asthma morbidity among inner-city children with asthma. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 210-213	4.2	0
7	Contribution of Time, Taxonomy, and Selective Antimicrobials to Antibiotic and Multidrug Resistance in Wastewater Bacteria. <i>Environmental Science & Technology</i> , 2020 , 54, 15946-15957	10.3	0
6	Comprehensive home environmental intervention did not reduce allergen concentrations or controller medication requirements among children in Baltimore. <i>Journal of Asthma</i> , 1-10	1.9	0
5	Molecular and epidemiological characterization of canine <i>Pseudomonas</i> otitis using a prospective case-control study design 2017 , 133-140		
4	Response to "A concern with the clinical consensus guidelines on methicillin-resistant staphylococci," a letter in <i>Veterinary Dermatology</i> 2018; 29: 174. <i>Veterinary Dermatology</i> , 2018 , 29, 175	1.8	
3	Response to Comment on Feather Meal: A Previously Unrecognized Route for Reentry into the Food Supply of Multiple Pharmaceuticals and Personal Care Products (PPCPs) <i>Environmental Science & Technology</i> , 2012 , 46, 13026-13027	10.3	
2	Application of Markov models to predict changes in nasal carriage of among industrial hog operations workers.. <i>Journal of Occupational and Environmental Hygiene</i> , 2022 , 1-13	2.9	
1	Personal protective equipment use during industrial hog operation work activities and acute lung function changes in a prospective worker cohort, North Carolina 2014-2015. <i>American Journal of Industrial Medicine</i> , 2021 , 64, 688-698	2.7	

