Peter R Davies

List of Publications by Year
in descending order

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45 papers	1,630 citations	257450 24 h-index	302126 39 g-index
45 all docs	45 docs citations	45 times ranked	2025 citing authors

#	Article	IF	Citations
1	Evidence of infectivity of airborne porcine epidemic diarrhea virus and detection of airborne viral RNA at long distances from infected herds. Veterinary Research, 2014, 45, 73.	3.0	137
2	Methicillin-Resistant Staphylococcus aureus in Pigs and Farm Workers on Conventional and Antibiotic-Free Swine Farms in the USA. PLoS ONE, 2013, 8, e63704.	2.5	124
3	The Effect of Fecal Sample Weight on Detection ofSalmonella Entericain Swine Feces. Journal of Veterinary Diagnostic Investigation, 2000, 12, 412-418.	1.1	116
4	Concentration, Size Distribution, and Infectivity of Airborne Particles Carrying Swine Viruses. PLoS ONE, 2015, 10, e0135675.	2.5	92
5	Salmonella enterica Serotype 4,[5],12:i:- in Swine in the United States Midwest: An Emerging Multidrug-Resistant Clade. Clinical Infectious Diseases, 2018, 66, 877-885.	5.8	79
6	Intensive Swine Production and Pork Safety. Foodborne Pathogens and Disease, 2011, 8, 189-201.	1.8	77
7	Serotypes and Antimicrobial Resistance in Salmonella enterica Recovered from Clinical Samples from Cattle and Swine in Minnesota, 2006 to 2015. PLoS ONE, 2016, 11, e0168016.	2.5	58
8	Evolutionary Dynamics of Pandemic Methicillin-Sensitive Staphylococcus aureus ST398 and Its International Spread via Routes of Human Migration. MBio, 2017, 8, .	4.1	56
9	The Role of Contaminated Feed in the Epidemiology and Control ofSalmonella entericain Pork Production. Foodborne Pathogens and Disease, 2004, 1, 202-215.	1.8	53
10	Salmonella enterica Serovars from Pigs on Farms and after Slaughter and Validity of Using Bacteriologic Data To Define Herd Salmonella Status. Journal of Food Protection, 2004, 67, 691-697.	1.7	51
11	Epidemiological study of air filtration systems for preventing PRRSV infection in large sow herds. Preventive Veterinary Medicine, 2013, 112, 109-117.	1.9	51
12	Lessons learned and knowledge gaps about the epidemiology and control of porcine reproductive and respiratory syndrome virus in North America. Journal of the American Veterinary Medical Association, 2015, 246, 1304-1317.	0.5	50
13	Prevalence and Characterization of Staphylococcus aureus in Growing Pigs in the USA. PLoS ONE, 2015, 10, e0143670.	2.5	50
14	In Vivo Transmission of an IncA/C Plasmid in Escherichia coli Depends on Tetracycline Concentration, and Acquisition of the Plasmid Results in a Variable Cost of Fitness. Applied and Environmental Microbiology, 2015, 81, 3561-3570.	3.1	40
15	Comparative Prevalence of Immune Evasion Complex Genes Associated with Î²-Hemolysin Converting Bacteriophages in MRSA ST5 Isolates from Swine, Swine Facilities, Humans with Swine Contact, and Humans with No Swine Contact. PLoS ONE, 2015, 10, e0142832.	2.5	40
16	Breed-specific reference intervals for assessing thyroid function in seven dog breeds. Journal of Veterinary Diagnostic Investigation, 2015, 27, 716-727.	1.1	37
17	Investigation into the Airborne Dissemination of H5N2 Highly Pathogenic Avian Influenza Virus During the 2015 Spring Outbreaks in the Midwestern United States. Avian Diseases, 2016, 60, 637-643.	1.0	37
18	Antimicrobial Susceptibility Patterns of Brachyspira Species Isolated from Swine Herds in the United States. Journal of Clinical Microbiology, 2016, 54, 2109-2119.	3.9	37

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19	Association between Influenza A Virus Infection and Pigs Subpopulations in Endemically Infected Breeding Herds. PLoS ONE, 2015, 10, e0129213.	2.5	33
20	Zinc Resistance within Swine-Associated Methicillin-Resistant Staphylococcus aureus Isolates in the United States Is Associated with Multilocus Sequence Type Lineage. Applied and Environmental Microbiology, 2017, 83, .	3.1	33
21	Assessment of air sampling methods and size distribution of virus-laden aerosols in outbreaks in swine and poultry farms. Journal of Veterinary Diagnostic Investigation, 2017, 29, 298-304.	1.1	32
22	The effect of anatomic site and age on detection of Staphylococcus aureus in pigs. Journal of Veterinary Diagnostic Investigation, 2015, 27, 55-60.	1.1	30
23	Single Nucleotide Polymorphism Analysis Indicates Genetic Distinction and Reduced Diversity of Swine-Associated Methicillin Resistant Staphylococcus aureus (MRSA) ST5 Isolates Compared to Clinical MRSA ST5 Isolates. Frontiers in Microbiology, 2018, 9, 2078.	3.5	28
24	Estimates of onâ€farm antimicrobial usage in broiler chicken production in the United States, 2013â€“2017. Zoonoses and Public Health, 2020, 67, 22-35.	2.2	28
25	Longitudinal study of Staphylococcus aureus colonization and infection in a cohort of swine veterinarians in the United States. BMC Infectious Diseases, 2017, 17, 690.	2.9	26
26	Seroprevalence of Toxoplasma gondii in Hogs in the National Animal Health Monitoring System (NAHMS). Journal of Eukaryotic Microbiology, 1996, 43, 121S-121S.	1.7	25
27	Financial implications of installing air filtration systems to prevent PRRSV infection in large sow herds. Preventive Veterinary Medicine, 2013, 111, 268-277.	1.9	24
28	Antimicrobial use in wean to market pigs in the United States assessed via voluntary sharing of proprietary data. Zoonoses and Public Health, 2020, 67, 6-21.	2.2	20
29	The dilemma of rare events: Porcine epidemic diarrhea virus in North America. Preventive Veterinary Medicine, 2015, 122, 235-241.	1.9	18
30	Evaluation of an electrostatic particle ionization technology for decreasing airborne pathogens in pigs. Aerobiologia, 2016, 32, 405-419.	1.7	18
31	Estimates of onâ€farm antimicrobial usage in turkey production in the United States, 2013â€“2017. Zoonoses and Public Health, 2020, 67, 36-50.	2.2	17
32	Circulation of Plasmids Harboring Resistance Genes to Quinolones and/or Extended-Spectrum Cephalosporins in Multiple Salmonella enterica Serotypes from Swine in the United States. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	16
33	Antimicrobial Resistance Distribution Differs Among Methicillin Resistant Staphylococcus aureus Sequence Type (ST) 5 Isolates From Health Care and Agricultural Sources. Frontiers in Microbiology, 2018, 9, 2102.	3.5	13
34	Draft Genome Sequences of Nine Livestock-Associated Methicillin-Resistant Staphylococcus aureus Sequence Type 5 Isolates from Humans with Long-Term Swine Contact. Genome Announcements, 2017, 5, .	0.8	12
35	Temporal patterns of colonization and infection with Mycoplasma hyorhinis in two swine production systems in the USA. Veterinary Microbiology, 2019, 234, 110-118.	1.9	11
36	Application of a Polymerase Chain Reaction Assay for Detection of Proliferative Enteritis-Affected Swine Herds. Journal of Veterinary Diagnostic Investigation, 1996, 8, 181-185.	1.1	10

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37	Methicillin-Resistant Staphylococcus aureus Sequence Type (ST) 5 Isolates from Health Care and Agricultural Sources Adhere Equivalently to Human Keratinocytes. Applied and Environmental Microbiology, 2018, 84, .	3.1	9
38	Impact of nurse sows on influenza A virus transmission in pigs under field conditions. Preventive Veterinary Medicine, 2021, 188, 105257.	1.9	9
39	An evaluation of interventions for reducing the risk of PRRSV introduction to filtered farms via retrograde air movement through idle fans. Veterinary Microbiology, 2012, 157, 304-310.	1.9	7
40	Evidence of influenza A infection and risk of transmission between pigs and farmworkers. Zoonoses and Public Health, 2022, 69, 560-571.	2.2	7
41	Effect of influenza A virus sow vaccination on infection in pigs at weaning: A prospective longitudinal study. Transboundary and Emerging Diseases, 2021, 68, 183-193.	3.0	6
42	Comparison of two size-differentiating air samplers for detecting airborne swine viruses under experimental conditions. Aerosol Science and Technology, 2017, 51, 198-205.	3.1	4
43	Evaluation of the Impact of Antimicrobial Use Protocols in Porcine Reproductive and Respiratory Syndrome Virus-Infected Swine on Phenotypic Antimicrobial Resistance Patterns. Applied and Environmental Microbiology, 2022, 88, AEM0097021.	3.1	4
44	Real-time disease surveillance tools for the swine industry in Minnesota. Veterinaria Italiana, 2007, 43, 731-8.	0.5	3
45	Prioritization of Managed Pork Supply Movements during a FMD Outbreak in the US. Frontiers in Veterinary Science, 2016, 3, 97.	2.2	2