

# Andrew S Bowman

## List of Publications by Year in descending order

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88  
papers

1,788  
citations

304743

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330143

37  
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92  
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92  
docs citations

92  
times ranked

1844  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection in free-ranging white-tailed deer. <i>Nature</i> , 2022, 602, 481-486.	27.8	269
2	Carbapenemase-Producing Enterobacteriaceae Recovered from the Environment of a Swine Farrow-to-Finish Operation in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	107
3	Swine-to-Human Transmission of Influenza A(H3N2) Virus at Agricultural Fairs, Ohio, USA, 2012. <i>Emerging Infectious Diseases</i> , 2014, 20, 1472-1480.	4.3	79
4	Influenza A(H3N2) Virus in Swine at Agricultural Fairs and Transmission to Humans, Michigan and Ohio, USA, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1551-1555.	4.3	70
5	Investigating the introduction of porcine epidemic diarrhea virus into an Ohio swine operation. <i>BMC Veterinary Research</i> , 2015, 11, 38.	1.9	65
6	The enigma of the apparent disappearance of Eurasian highly pathogenic H5 clade 2.3.4.4 influenza A viruses in North American waterfowl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9033-9038.	7.1	62
7	Subclinical Influenza Virus A Infections in Pigs Exhibited at Agricultural Fairs, Ohio, USA, 2009â€“2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1945-1950.	4.3	57
8	Molecular evidence for interspecies transmission of H3N2pM/H3N2v influenza A viruses at an Ohio agricultural fair, July 2012. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-8.	6.5	51
9	Outbreak of Influenza A(H3N2) Variant Virus Infections Among Persons Attending Agricultural Fairs Housing Infected Swine â€” Michigan and Ohio, Julyâ€“August 2016. <i>Morbidity and Mortality Weekly Report</i> , 2016, 65, 1157-1160.	15.1	37
10	Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , 2015, 179, 213-218.	1.9	35
11	Antigenic Characterization of H3N2 Influenza A Viruses from Ohio Agricultural Fairs. <i>Journal of Virology</i> , 2013, 87, 7655-7667.	3.4	33
12	Prevalence and characteristics of Shiga toxin-producing <i>Escherichia coli</i> in finishing pigs: Implications on public health. <i>International Journal of Food Microbiology</i> , 2018, 264, 8-15.	4.7	32
13	Simultaneous Infection of Pigs and People with Tripleâ€“Reassortant Swine Influenza Virus H1N1 at a U.S. County Fair. <i>Zoonoses and Public Health</i> , 2013, 60, 196-201.	2.2	31
14	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. <i>Emerging Infectious Diseases</i> , 2017, 23, 1168-1171.	4.3	31
15	Spread and Persistence of Influenza A Viruses in Waterfowl Hosts in the North American Mississippi Migratory Flyway. <i>Journal of Virology</i> , 2015, 89, 5371-5381.	3.4	29
16	Evolutionary Dynamics of Influenza A Viruses in US Exhibition Swine. <i>Journal of Infectious Diseases</i> , 2016, 213, 173-182.	4.0	28
17	Low-Pathogenic Influenza A Viruses in North American Diving Ducks Contribute to the Emergence of a Novel Highly Pathogenic Influenza A(H7N8) Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	27
18	Evidence for the Circulation and Inter-Hemispheric Movement of the H14 Subtype Influenza A Virus. <i>PLoS ONE</i> , 2013, 8, e59216.	2.5	27

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19	Exploration of risk factors contributing to the presence of influenza A virus in swine at agricultural fairs. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-5.	6.5	26
20	Utility of snout wipe samples for influenza A virus surveillance in exhibition swine populations. <i>Influenza and Other Respiratory Viruses</i> , 2014, 8, 574-579.	3.4	26
21	Influenza A Virus Field Surveillance at a Swine-Human Interface. <i>MSphere</i> , 2020, 5, .	2.9	26
22	Influenza A Subtype H3 Viruses in Feral Swine, United States, 2011â€“2012. <i>Emerging Infectious Diseases</i> , 2014, 20, 839-842.	4.3	25
23	Epidemiology of Deltacoronaviruses ( $\delta$ -CoV) and Gammacoronaviruses ( $\gamma$ -CoV) in Wild Birds in the United States. <i>Viruses</i> , 2019, 11, 897.	3.3	24
24	Genetic Evidence Supports Sporadic and Independent Introductions of Subtype H5 Low-Pathogenic Avian Influenza A Viruses from Wild Birds to Domestic Poultry in North America. <i>Journal of Virology</i> , 2018, 92, .	3.4	23
25	Subtype Diversity of Influenza A Virus in North American Waterfowl: a Multidecade Study. <i>Journal of Virology</i> , 2020, 94, .	3.4	23
26	Comparative effectiveness of isolation techniques for contemporary <i>Influenza A virus</i> strains circulating in exhibition swine. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 82-90.	1.1	22
27	Prevalence of Influenza A Virus in Exhibition Swine during Arrival at Agricultural Fairs. <i>Zoonoses and Public Health</i> , 2016, 63, 477-485.	2.2	22
28	Introduction, Evolution, and Dissemination of Influenza A Viruses in Exhibition Swine in the United States during 2009 to 2013. <i>Journal of Virology</i> , 2016, 90, 10963-10971.	3.4	22
29	Feral Swine in the United States Have Been Exposed to both Avian and Swine Influenza A Viruses. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	22
30	Pharmacokinetics of transdermal flunixin in sows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 492-495.	1.3	21
31	Exhaled nitric oxide detection for diagnosis of COVID-19 in critically ill patients. <i>PLoS ONE</i> , 2021, 16, e0257644.	2.5	21
32	Prevalence of <i>Yersinia enterocolitica</i> in Different Phases of Production on Swine Farms. <i>Journal of Food Protection</i> , 2007, 70, 11-16.	1.7	20
33	Genomic analyses detect Eurasian lineage H10 and additional H14 influenza A viruses recovered from waterfowl in the Central United States. <i>Influenza and Other Respiratory Viruses</i> , 2014, 8, 493-498.	3.4	19
34	HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. <i>ELife</i> , 2020, 9, .	6.0	19
35	Deletion of the Complement C5a Receptor Alleviates the Severity of Acute Pneumococcal Otitis Media following Influenza A Virus Infection in Mice. <i>PLoS ONE</i> , 2014, 9, e95160.	2.5	18
36	Aerosol Transmission from Infected Swine to Ferrets of an H3N2 Virus Collected from an Agricultural Fair and Associated with Human Variant Infections. <i>Journal of Virology</i> , 2020, 94, .	3.4	18

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37	Evaluation of stocking density and subtherapeutic chlortetracycline on <i>Salmonella enterica</i> subsp. <i>enterica</i> shedding in growing swine. <i>Veterinary Microbiology</i> , 2007, 124, 202-208.	1.9	16
38	Maintenance of Carbapenemase-Producing <i>Enterobacteriaceae</i> in a Farrow-to-Finish Swine Production System. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 372-376.	1.8	16
39	Mutation from arginine to lysine at the position 189 of hemagglutinin contributes to the antigenic drift in H3N2 swine influenza viruses. <i>Virology</i> , 2013, 446, 225-229.	2.4	15
40	Detection of influenza A virus from agricultural fair environment: Air and surfaces. <i>Preventive Veterinary Medicine</i> , 2018, 153, 24-29.	1.9	13
41	Pharmacokinetics and pharmacodynamics of alfaxalone after a single intramuscular or intravascular injection in mallard ducks ( <i>Anas platyrhynchos</i> ). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 713-721.	1.3	12
42	A Systematic Literature Review on Depopulation Methods for Swine. <i>Animals</i> , 2020, 10, 2161.	2.3	11
43	Nasal Wipes for Influenza A Virus Detection and Isolation from Swine. <i>Journal of Visualized Experiments</i> , 2015, , e53313.	0.3	10
44	Movement patterns of exhibition swine and associations of influenza A virus infection with swine management practices. <i>Journal of the American Veterinary Medical Association</i> , 2017, 251, 706-713.	0.5	10
45	The Inability to Screen Exhibition Swine for Influenza A Virus Using Body Temperature. <i>Zoonoses and Public Health</i> , 2016, 63, 34-39.	2.2	9
46	Validating the effectiveness of alternative euthanasia techniques using penetrating captive bolt guns in mature swine ( <i>Sus scrofa domestica</i> ). <i>Journal of Animal Science</i> , 2021, 99, .	0.5	8
47	Comparison of Gaseous and Water-Based Medium-Expansion Foam Depopulation Methods in Cull Sows. <i>Animals</i> , 2021, 11, 3179.	2.3	8
48	<i>Clostridioides difficile</i> on Ohio swine farms (2015): A comparison of swine and human environments and assessment of on-farm risk factors. <i>Zoonoses and Public Health</i> , 2019, 66, 861-870.	2.2	7
49	Assessing exhibition swine as potential disseminators of infectious disease through the detection of five respiratory pathogens at agricultural exhibitions. <i>Veterinary Research</i> , 2019, 50, 63.	3.0	7
50	Perceptions and attitudes of swine exhibitors towards recommendations for reducing zoonotic transmission of influenza A viruses. <i>Zoonoses and Public Health</i> , 2019, 66, 401-405.	2.2	7
51	A Heterogeneous Swine Show Circuit Drives Zoonotic Transmission of Influenza A Viruses in the United States. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
52	Tissue Tropisms of Avian Influenza A Viruses Affect Their Spillovers from Wild Birds to Pigs. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
53	Longitudinal health outcomes for enteric pathogens in preweaned calves on Ohio dairy farms. <i>Preventive Veterinary Medicine</i> , 2021, 190, 105323.	1.9	7
54	Year-Round Influenza a Virus Surveillance in Mallards ( <i>Anas platyrhynchos</i> ) Reveals Genetic Persistence During the Under-Sampled Spring Season. <i>Viruses</i> , 2020, 12, 632.	3.3	6

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55	Tracing the Source of Influenza A Virus Zoonoses in Interconnected Circuits of Swine Exhibitions. <i>Journal of Infectious Diseases</i> , 2021, 224, 458-468.	4.0	6
56	Influenza Vaccination of Swine Reduces Public Health Risk at the Swine-Human Interface. <i>MSphere</i> , 2021, 6, e0117020.	2.9	6
57	LIMITED DETECTION OF ANTIBODIES TO CLADE 2.3.4.4 A/GOOSE/GUANGDONG/1/1996 LINEAGE HIGHLY PATHOGENIC H5 AVIAN INFLUENZA VIRUS IN NORTH AMERICAN WATERFOWL. <i>Journal of Wildlife Diseases</i> , 2020, 56, 47.	0.8	6
58	Evaluation of a Water-Based Medium-Expansion Foam Depopulation Method in Suckling and Finisher Pigs. <i>Animals</i> , 2022, 12, 1041.	2.3	6
59	Influenza A Virus Surveillance in Waterfowl in Missouri, USA, 2005–2013. <i>Avian Diseases</i> , 2015, 59, 303-308.	1.0	5
60	Inactivation of porcine epidemic diarrhea virus using heated water. <i>Veterinary and Animal Science</i> , 2016, 1-2, 1-3.	1.5	5
61	Development of a triplex real-time RT-PCR assay for detection and differentiation of three US genotypes of porcine hemagglutinating encephalomyelitis virus. <i>Journal of Virological Methods</i> , 2019, 269, 13-17.	2.1	5
62	Complete Genome Sequence of an Influenza D Virus Strain Identified in a Pig with Subclinical Infection in the United States. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
63	Evaluation of a Field-Deployable Insulated Isothermal Polymerase Chain Reaction Nucleic Acid Analyzer for Influenza A Virus Detection at Swine Exhibitions. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 212-216.	1.5	5
64	Gaps in Serologic Immunity against Contemporary Swine-Origin Influenza A Viruses among Healthy Individuals in the United States. <i>Viruses</i> , 2021, 13, 127.	3.3	5
65	Influenza A Viruses from Overwintering and Spring-Migrating Waterfowl in the Lake Erie Basin, United States. <i>Avian Diseases</i> , 2016, 60, 241-244.	1.0	4
66	Educating youth swine exhibitors on influenza A virus transmission at agricultural fairs. <i>Zoonoses and Public Health</i> , 2018, 65, e143-e147.	2.2	4
67	Design and validation of a universal influenza virus enrichment probe set and its utility in deep sequence analysis of primary cloacal swab surveillance samples of wild birds. <i>Virology</i> , 2018, 524, 182-191.	2.4	4
68	Infectious agents in feral swine in Ohio, USA (2009-2015): A low but evolving risk to agriculture and public health. <i>Veterinary and Animal Science</i> , 2018, 6, 81-85.	1.5	4
69	Madinâ€Darby canine kidney cell sialic acid receptor modulation induced by culture medium conditions: Implications for the isolation of influenza A virus. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 593-602.	3.4	4
70	Identifying Gaps in Wild Waterfowl Influenza A Surveillance in Ohio, United States. <i>Avian Diseases</i> , 2018, 63, 145.	1.0	4
71	Reliability of waterâ€based mediumâ€expansion foam as a depopulation method for nursery pigs and cull sows. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	4
72	Detection of Antigenic Variants of Subtype H3 Swine Influenza A Viruses from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1037-1045.	3.9	3

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73	Environmental surfaces used in entry-day corralling likely contribute to the spread of influenza A virus in swine at agricultural fairs. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-3.	6.5	3
74	Extended-Spectrum Cephalosporin-Resistant <i>Enterobacteriaceae</i> in Enteric Microflora of Wild Ducks. <i>Journal of Wildlife Diseases</i> , 2017, 53, 690-694.	0.8	3
75	Evaluation of nonwoven fabrics for nasal wipe sampling for influenza A virus in swine. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 920-923.	1.1	3
76	The Evolutionary Dynamics of Influenza A Viruses Circulating in Mallards in Duck Hunting Preserves in Maryland, USA. <i>Microorganisms</i> , 2021, 9, 40.	3.6	3
77	Prevalence of <i>Yersinia enterocolitica</i> in Antimicrobial-Free and Conventional Antimicrobial Use Swine Production. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 514-519.	1.8	2
78	Influenza A Virus Surveillance in Underrepresented Avian Species in Ohio, USA, in 2015. <i>Journal of Wildlife Diseases</i> , 2017, 53, 402.	0.8	2
79	Porcine Epidemic Diarrhea Virus and Porcine Deltacoronavirus Not Detected in Waterfowl in the North American Mississippi Migratory Bird Flyway in 2013. <i>Journal of Wildlife Diseases</i> , 2019, 55, 223.	0.8	2
80	Adoption of recommended hand hygiene practices to limit zoonotic disease transmission at agricultural fairs. <i>Preventive Veterinary Medicine</i> , 2020, 182, 105116.	1.9	2
81	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. <i>Emerging Infectious Diseases</i> , 2017, 23, .	4.3	2
82	Technical Note Validation of the effectiveness of electric stunning for euthanasia of mature swine <i>(Sus scrofa domestica)</i> . <i>Journal of Animal Science</i> , 2022, , .	0.5	2
83	Reply to Ramey et al.: Let time be the arbiter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6553-E6554.	7.1	1
84	Genomic Evidence for Sequestration of Influenza A Virus Lineages in Sea Duck Host Species. <i>Viruses</i> , 2021, 13, 172.	3.3	1
85	Using Environmental Sampling Techniques to Conduct Influenza A Virus Surveillance in Poultry and Waterfowl at Ohio Agricultural Exhibitions. <i>Avian Diseases</i> , 2019, 64, 96.	1.0	1
86	LIMITED DETECTION OF ANTIBODIES TO CLADE 2.3.4.4 A/GOOSE/GUANGDONG/1/1996 LINEAGE HIGHLY PATHOGENIC H5 AVIAN INFLUENZA VIRUS IN NORTH AMERICAN WATERFOWL. <i>Journal of Wildlife Diseases</i> , 2020, 56, 47-57.	0.8	1
87	Challenges and opportunities in modern swine veterinary education. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 711-713.	0.5	1
88	Infection of NOD.SCID. <i>IL2rg</i> <sup>-/-</sup> Mice with Non-Adapted Swine-Origin and Human-Origin H1 and H3 Influenza A Viruses. <i>FASEB Journal</i> , 2019, 33, 662.49.	0.5	0