

# Andrew S Bowman

## List of Publications by Year in Descending Order

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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.

81  
papers

1,090  
citations

19  
h-index

29  
g-index

92  
ext. papers

1,479  
ext. citations

5.5  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
81	Challenges and opportunities in modern swine veterinary education.. <i>Journal of the American Veterinary Medical Association</i> , <b>2022</b> , 1-3	1	
80	SARS-CoV-2 infection in free-ranging white-tailed deer.. <i>Nature</i> , <b>2021</b> ,	50.4	50
79	SARS-CoV-2 infection in free-ranging white-tailed deer ( ) <b>2021</b> ,		4
78	Exhaled nitric oxide detection for diagnosis of COVID-19 in critically ill patients. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257644	3.7	3
77	Tracing the Source of Influenza A Virus Zoonoses in Interconnected Circuits of Swine Exhibitions. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 458-468	7	2
76	Longitudinal health outcomes for enteric pathogens in preweaned calves on Ohio dairy farms. <i>Preventive Veterinary Medicine</i> , <b>2021</b> , 190, 105323	3.1	3
75	Influenza Vaccination of Swine Reduces Public Health Risk at the Swine-Human Interface. <i>MSphere</i> , <b>2021</b> , e0117020	5	1
74	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> , <b>2020</b> , 94,	6.6	8
73	Influenza A Virus Field Surveillance at a Swine-Human Interface. <i>MSphere</i> , <b>2020</b> , 5,	5	14
72	Subtype Diversity of Influenza A Virus in North American Waterfowl: a Multidecade Study. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	9
71	HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. <i>ELife</i> , <b>2020</b> , 9,	8.9	12
70	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> , <b>2020</b> , 56, 47	1.3	3
69	Using Environmental Sampling Techniques to Conduct Influenza A Virus Surveillance in Poultry and Waterfowl at Ohio Agricultural Exhibitions. <i>Avian Diseases</i> , <b>2020</b> , 64, 96-98	1.6	0
68	A Systematic Literature Review on Depopulation Methods for Swine. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
67	A Heterogeneous Swine Show Circuit Drives Zoonotic Transmission of Influenza A Viruses in the United States. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	3
66	Tissue Tropisms of Avian Influenza A Viruses Affect Their Spillovers from Wild Birds to Pigs. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	3
65	Adoption of recommended hand hygiene practices to limit zoonotic disease transmission at agricultural fairs. <i>Preventive Veterinary Medicine</i> , <b>2020</b> , 182, 105116	3.1	1

64	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> , <b>2020</b> , 56, 47-57	1.3	1
63	Assessing exhibition swine as potential disseminators of infectious disease through the detection of five respiratory pathogens at agricultural exhibitions. <i>Veterinary Research</i> , <b>2019</b> , 50, 63	3.8	2
62	Epidemiology of Deltacoronaviruses (ECoV) and Gammacoronaviruses (ECoV) in Wild Birds in the United States. <i>Viruses</i> , <b>2019</b> , 11,	6.2	18
61	Perceptions and attitudes of swine exhibitors towards recommendations for reducing zoonotic transmission of influenza A viruses. <i>Zoonoses and Public Health</i> , <b>2019</b> , 66, 401-405	2.9	3
60	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> , <b>2019</b> , 269, 13-17	2.6	2
59	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> , <b>2019</b> , 8,	1.3	2
58	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> , <b>2019</b> , 55, 223-226	1.3	2
57	Madin-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> , <b>2019</b> , 13, 593-602	5.6	3
56	<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> , <b>2019</b> , 66, 861-870	2.9	3
55	Pharmacokinetics of transdermal flunixin in sows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2019</b> , 42, 492-495	1.4	5
54	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> , <b>2019</b> , 42, 713-721	1.4	7
53	Identifying Gaps in Wild Waterfowl Influenza A Surveillance in Ohio, United States. <i>Avian Diseases</i> , <b>2019</b> , 63, 145-148	1.6	1
52	Infection of NOD.SCID.IL2rg <sup>-/-</sup> Mice with Non-Mouse-Adapted Swine-Origin and Human-Origin H1 and H3 Influenza A Viruses. <i>FASEB Journal</i> , <b>2019</b> , 33, 662.49	0.9	
51	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> , <b>2019</b> , 19, 212-216	2.4	3
50	Maintenance of Carbapenemase-Producing Enterobacteriaceae in a Farrow-to-Finish Swine Production System. <i>Foodborne Pathogens and Disease</i> , <b>2018</b> , 15, 372-376	3.8	8
49	Detection of influenza A virus from agricultural fair environment: Air and surfaces. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 153, 24-29	3.1	9
48	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> , <b>2018</b> , 264, 8-15	5.8	20
47	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> , <b>2018</b> , 92,	6.6	16

46	Educating youth swine exhibitors on influenza A virus transmission at agricultural fairs. <i>Zoonoses and Public Health</i> , <b>2018</b> , 65, e143-e147	2.9	
45	Evaluation of nonwoven fabrics for nasal wipe sampling for influenza A virus in swine. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2018</b> , 30, 920-923	1.5	1
44	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> , <b>2018</b> , 524, 182-191	3.6	1
43	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> , <b>2018</b> , 6, 81-85	2.3	2
42	Influenza A Virus Surveillance in Underrepresented Avian Species in Ohio, USA, in 2015. <i>Journal of Wildlife Diseases</i> , <b>2017</b> , 53, 402-404	1.3	1
41	Detection of Antigenic Variants of Subtype H3 Swine Influenza A Viruses from Clinical Samples. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 1037-1045	9.7	2
40	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> , <b>2017</b> , 6, e10	18.9	2
39	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> , <b>2017</b> , 91,	6.6	22
38	Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae in Enteric Microflora of Wild Ducks. <i>Journal of Wildlife Diseases</i> , <b>2017</b> , 53, 690-694	1.3	3
37	Carbapenemase-Producing Enterobacteriaceae Recovered from the Environment of a Swine Farrow-to-Finish Operation in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	74
36	Influenza A(H3N2) Virus in Swine at Agricultural Fairs and Transmission to Humans, Michigan and Ohio, USA, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 1551-1555	10.2	50
35	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 1168-1171	10.2	26
34	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> , <b>2017</b> , 251, 706-713	1	7
33	Feral Swine in the United States Have Been Exposed to both Avian and Swine Influenza A Viruses. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	18
32	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> , <b>2016</b> , 113, 9033-8	11.5	46
31	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> , <b>2016</b> , 113, E6553-E6554	11.5	1
30	Evolutionary Dynamics of Influenza A Viruses in US Exhibition Swine. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 173-82	7	17
29	The Inability to Screen Exhibition Swine for Influenza A Virus Using Body Temperature. <i>Zoonoses and Public Health</i> , <b>2016</b> , 63, 34-9	2.9	9

28	Outbreak of Influenza A(H3N2) Variant Virus Infections Among Persons Attending Agricultural Fairs Housing Infected Swine - Michigan and Ohio, July-August 2016. <i>Morbidity and Mortality Weekly Report</i> , <b>2016</b> , 65, 1157-1160	31.7	29
27	Prevalence of Influenza A Virus in Exhibition Swine during Arrival at Agricultural Fairs. <i>Zoonoses and Public Health</i> , <b>2016</b> , 63, 477-85	2.9	17
26	Inactivation of porcine epidemic diarrhea virus using heated water. <i>Veterinary and Animal Science</i> , <b>2016</b> , 1, 1-3	2.3	3
25	Introduction, Evolution, and Dissemination of Influenza A Viruses in Exhibition Swine in the United States during 2009 to 2013. <i>Journal of Virology</i> , <b>2016</b> , 90, 10963-10971	6.6	15
24	Influenza A Viruses from Overwintering and Spring-Migrating Waterfowl in the Lake Erie Basin, United States. <i>Avian Diseases</i> , <b>2016</b> , 60, 241-4	1.6	3
23	Investigating the introduction of porcine epidemic diarrhea virus into an Ohio swine operation. <i>BMC Veterinary Research</i> , <b>2015</b> , 11, 38	2.7	49
22	Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , <b>2015</b> , 179, 213-8	3.3	31
21	Spread and persistence of influenza A viruses in waterfowl hosts in the North American Mississippi migratory flyway. <i>Journal of Virology</i> , <b>2015</b> , 89, 5371-81	6.6	18
20	Influenza A Virus Surveillance in Waterfowl in Missouri, USA, 2005-2013. <i>Avian Diseases</i> , <b>2015</b> , 59, 303-8	1.6	4
19	Nasal Wipes for Influenza A Virus Detection and Isolation from Swine. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e53313	1.6	7
18	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> , <b>2014</b> , 9, e95160	3.7	14
17	Influenza A subtype H3 viruses in feral swine, United States, 2011-2012. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 843-6	10.2	20
16	Exploration of risk factors contributing to the presence of influenza A virus in swine at agricultural fairs. <i>Emerging Microbes and Infections</i> , <b>2014</b> , 3, e5	18.9	23
15	Swine-to-human transmission of influenza A(H3N2) virus at agricultural fairs, Ohio, USA, 2012. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1472-80	10.2	67
14	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> , <b>2014</b> , 8, 493-8	5.6	16
13	Utility of snout wipe samples for influenza A virus surveillance in exhibition swine populations. <i>Influenza and Other Respiratory Viruses</i> , <b>2014</b> , 8, 574-9	5.6	19
12	Simultaneous infection of pigs and people with triple-reassortant swine influenza virus H1N1 at a U.S. county fair. <i>Zoonoses and Public Health</i> , <b>2013</b> , 60, 196-201	2.9	26
11	Mutation from arginine to lysine at the position 189 of hemagglutinin contributes to the antigenic drift in H3N2 swine influenza viruses. <i>Virology</i> , <b>2013</b> , 446, 225-9	3.6	13

10	Comparative effectiveness of isolation techniques for contemporary Influenza A virus strains circulating in exhibition swine. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2013</b> , 25, 82-90	1.5	20
9	Antigenic characterization of H3N2 influenza A viruses from Ohio agricultural fairs. <i>Journal of Virology</i> , <b>2013</b> , 87, 7655-67	6.6	30
8	Prevalence of <i>Yersinia enterocolitica</i> in antimicrobial-free and conventional antimicrobial use swine production. <i>Foodborne Pathogens and Disease</i> , <b>2013</b> , 10, 514-9	3.8	2
7	Evidence for the circulation and inter-hemispheric movement of the H14 subtype influenza A virus. <i>PLoS ONE</i> , <b>2013</b> , 8, e59216	3.7	24
6	Molecular evidence for interspecies transmission of H3N2pM/H3N2v influenza A viruses at an Ohio agricultural fair, July 2012. <i>Emerging Microbes and Infections</i> , <b>2012</b> , 1, e33	18.9	45
5	Subclinical influenza virus A infections in pigs exhibited at agricultural fairs, Ohio, USA, 2009-2011. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 1945-50	10.2	48
4	Prevalence of <i>Yersinia enterocolitica</i> in different phases of production on swine farms. <i>Journal of Food Protection</i> , <b>2007</b> , 70, 11-6	2.5	17
3	Evaluation of stocking density and subtherapeutic chlortetracycline on <i>Salmonella enterica</i> subsp. <i>enterica</i> shedding in growing swine. <i>Veterinary Microbiology</i> , <b>2007</b> , 124, 202-8	3.3	15
2	Tissue tropisms of avian influenza A viruses affect their spillovers from wild birds to pigs		1
1	Mitigating Pandemic Risk with Influenza A Virus Field Surveillance at a Swine-Human Interface		6