Andrew S Bowman

List of Publications by Year
in descending order

88	1,788	304743 22	330143 37
papers	citations	h-index	g-index

92	92	92	1844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SARS-CoV-2 infection in free-ranging white-tailed deer. Nature, 2022, 602, 481-486.	27.8	269
2	Technical Note Validation of the effectiveness of electric stunning for euthanasia of mature swine (Sus scrofa domesticus). Journal of Animal Science, 2022, , .	0.5	2
3	Challenges and opportunities in modern swine veterinary education. Journal of the American Veterinary Medical Association, 2022, 260, 711-713.	0.5	1
4	Evaluation of a Water-Based Medium-Expansion Foam Depopulation Method in Suckling and Finisher Pigs. Animals, 2022, 12, 1041.	2.3	6
5	Reliability of waterâ€based mediumâ€expansion foam as a depopulation method for nursery pigs and cull sows. Transboundary and Emerging Diseases, 2022, 69, .	3.0	4
6	Gaps in Serologic Immunity against Contemporary Swine-Origin Influenza A Viruses among Healthy Individuals in the United States. Viruses, 2021, 13, 127.	3.3	5
7	Validating the effectiveness of alternative euthanasia techniques using penetrating captive bolt guns in mature swine (Sus scrofa domesticus). Journal of Animal Science, 2021, 99, .	0.5	8
8	Tracing the Source of Influenza A Virus Zoonoses in Interconnected Circuits of Swine Exhibitions. Journal of Infectious Diseases, 2021, 224, 458-468.	4.0	6
9	Longitudinal health outcomes for enteric pathogens in preweaned calves on Ohio dairy farms. Preventive Veterinary Medicine, 2021, 190, 105323.	1.9	7
10	Influenza Vaccination of Swine Reduces Public Health Risk at the Swine-Human Interface. MSphere, 2021, 6, e0117020.	2.9	6
11	Genomic Evidence for Sequestration of Influenza A Virus Lineages in Sea Duck Host Species. Viruses, 2021, 13, 172.	3.3	1
12	Exhaled nitric oxide detection for diagnosis of COVID-19 in critically ill patients. PLoS ONE, 2021, 16, e0257644.	2.5	21
13	The Evolutionary Dynamics of Influenza A Viruses Circulating in Mallards in Duck Hunting Preserves in Maryland, USA. Microorganisms, 2021, 9, 40.	3.6	3
14	Comparison of Gaseous and Water-Based Medium-Expansion Foam Depopulation Methods in Cull Sows. Animals, 2021, 11, 3179.	2.3	8
15	A Systematic Literature Review on Depopulation Methods for Swine. Animals, 2020, 10, 2161.	2.3	11
16	A Heterogeneous Swine Show Circuit Drives Zoonotic Transmission of Influenza A Viruses in the United States. Journal of Virology, 2020, 94, .	3.4	7
17	Tissue Tropisms of Avian Influenza A Viruses Affect Their Spillovers from Wild Birds to Pigs. Journal of Virology, 2020, 94, .	3.4	7
18	Adoption of recommended hand hygiene practices to limit zoonotic disease transmission at agricultural fairs. Preventive Veterinary Medicine, 2020, 182, 105116.	1.9	2

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19	Aerosol Transmission from Infected Swine to Ferrets of an H3N2 Virus Collected from an Agricultural Fair and Associated with Human Variant Infections. Journal of Virology, 2020, 94, .	3.4	18
20	Influenza A Virus Field Surveillance at a Swine-Human Interface. MSphere, 2020, 5, .	2.9	26
21	Year-Round Influenza a Virus Surveillance in Mallards (Anas platyrhynchos) Reveals Genetic Persistence During the Under-Sampled Spring Season. Viruses, 2020, 12, 632.	3.3	6
22	Subtype Diversity of Influenza A Virus in North American Waterfowl: a Multidecade Study. Journal of Virology, 2020, 94, .	3.4	23
23	HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. ELife, 2020, 9, .	6.0	19
24	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. Journal of Wildlife Diseases, 2020, 56, 47.	0.8	6
25	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. Journal of Wildlife Diseases, 2020, 56, 47-57.	0.8	1
26	Porcine Epidemic Diarrhea Virus and Porcine Deltacoronavirus Not Detected in Waterfowl in the North American Mississippi Migratory Bird Flyway in 2013. Journal of Wildlife Diseases, 2019, 55, 223.	0.8	2
27	Madinâ€Darby canine kidney cell sialic acid receptor modulation induced by culture medium conditions: Implications for the isolation of influenza A virus. Influenza and Other Respiratory Viruses, 2019, 13, 593-602.	3.4	4
28	Clostridioides difficile on Ohio swine farms (2015): A comparison of swine and human environments and assessment of onâ€farm risk factors. Zoonoses and Public Health, 2019, 66, 861-870.	2.2	7
29	Pharmacokinetics of transdermal flunixin in sows. Journal of Veterinary Pharmacology and Therapeutics, 2019, 42, 492-495.	1.3	21
30	Pharmacokinetics and pharmacodynamics of alfaxalone after a single intramuscular or intravascular injection in mallard ducks (Anas platyrhynchos). Journal of Veterinary Pharmacology and Therapeutics, 2019, 42, 713-721.	1.3	12
31	Assessing exhibition swine as potential disseminators of infectious disease through the detection of five respiratory pathogens at agricultural exhibitions. Veterinary Research, 2019, 50, 63.	3.0	7
32	Epidemiology of Deltacoronaviruses (Î´-CoV) and Gammacoronaviruses (Î³-CoV) in Wild Birds in the United States. Viruses, 2019, 11, 897.	3.3	24
33	Perceptions and attitudes of swine exhibitors towards recommendations for reducing zoonotic transmission of influenza A viruses. Zoonoses and Public Health, 2019, 66, 401-405.	2.2	7
34	Development of a triplex real-time RT-PCR assay for detection and differentiation of three US genotypes of porcine hemagglutinating encephalomyelitis virus. Journal of Virological Methods, 2019, 269, 13-17.	2.1	5
35	Complete Genome Sequence of an Influenza D Virus Strain Identified in a Pig with Subclinical Infection in the United States. Microbiology Resource Announcements, 2019, 8, .	0.6	5
36	Evaluation of a Field-Deployable Insulated Isothermal Polymerase Chain Reaction Nucleic Acid Analyzer for Influenza A Virus Detection at Swine Exhibitions. Vector-Borne and Zoonotic Diseases, 2019, 19, 212-216.	1.5	5

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37	Infection of NOD.SCID.IL2rgâˆ’/âˆ’ Mice with Nonâ€Mouseâ€Adapted Swineâ€Origin and Humanâ€Origin H1 and H3 Influenza A Viruses. FASEB Journal, 2019, 33, 662.49.	0.5	0
38	Using Environmental Sampling Techniques to Conduct Influenza A Virus Surveillance in Poultry and Waterfowl at Ohio Agricultural Exhibitions. Avian Diseases, 2019, 64, 96.	1.0	1
39	Maintenance of Carbapenemase-ProducingEnterobacteriaceaein a Farrow-to-Finish Swine Production System. Foodborne Pathogens and Disease, 2018, 15, 372-376.	1.8	16
40	Detection of influenza A virus from agricultural fair environment: Air and surfaces. Preventive Veterinary Medicine, 2018, 153, 24-29.	1.9	13
41	Prevalence and characteristics of Shiga toxin-producing Escherichia coli in finishing pigs: Implications on public health. International Journal of Food Microbiology, 2018, 264, 8-15.	4.7	32
42	Educating youth swine exhibitors on influenza A virus transmission at agricultural fairs. Zoonoses and Public Health, 2018, 65, e143-e147.	2.2	4
43	Evaluation of nonwoven fabrics for nasal wipe sampling for influenza A virus in swine. Journal of Veterinary Diagnostic Investigation, 2018, 30, 920-923.	1.1	3
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. Virology, 2018, 524, 182-191.	2.4	4
45	Infectious agents in feral swine in Ohio, USA (2009-2015): A low but evolving risk to agriculture and public health. Veterinary and Animal Science, 2018, 6, 81-85.	1.5	4
46	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. Journal of Virology, 2018, 92, .	3.4	23
47	Identifying Gaps in Wild Waterfowl Influenza A Surveillance in Ohio, United States. Avian Diseases, 2018, 63, 145.	1.0	4
48	Influenza A Virus Surveillance in Underrepresented Avian Species in Ohio, USA, in 2015. Journal of Wildlife Diseases, 2017, 53, 402.	0.8	2
49	Detection of Antigenic Variants of Subtype H3 Swine Influenza A Viruses from Clinical Samples. Journal of Clinical Microbiology, 2017, 55, 1037-1045.	3.9	3
50	Environmental surfaces used in entry-day corralling likely contribute to the spread of influenza A virus in swine at agricultural fairs. Emerging Microbes and Infections, 2017, 6, 1-3.	6.5	3
51	Low-Pathogenic Influenza A Viruses in North American Diving Ducks Contribute to the Emergence of a Novel Highly Pathogenic Influenza A(H7N8) Virus. Journal of Virology, 2017, 91, .	3.4	27
52	Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae in Enteric Microflora of Wild Ducks. Journal of Wildlife Diseases, 2017, 53, 690-694.	0.8	3
53	Carbapenemase-Producing Enterobacteriaceae Recovered from the Environment of a Swine Farrow-to-Finish Operation in the United States. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	107
54	Movement patterns of exhibition swine and associations of influenza A virus infection with swine management practices. Journal of the American Veterinary Medical Association, 2017, 251, 706-713.	0.5	10

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55	Feral Swine in the United States Have Been Exposed to both Avian and Swine Influenza A Viruses. Applied and Environmental Microbiology, 2017, 83, .	3.1	22
56	Influenza A(H3N2) Virus in Swine at Agricultural Fairs and Transmission to Humans, Michigan and Ohio, USA, 2016. Emerging Infectious Diseases, 2017, 23, 1551-1555.	4.3	70
57	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. Emerging Infectious Diseases, 2017, 23, 1168-1171.	4.3	31
58	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. Emerging Infectious Diseases, 2017, 23, .	4.3	2
59	Prevalence of Influenza A Virus in Exhibition Swine during Arrival at Agricultural Fairs. Zoonoses and Public Health, 2016, 63, 477-485.	2.2	22
60	Inactivation of porcine epidemic diarrhea virus using heated water. Veterinary and Animal Science, 2016, 1-2, 1-3.	1.5	5
61	Introduction, Evolution, and Dissemination of Influenza A Viruses in Exhibition Swine in the United States during 2009 to 2013. Journal of Virology, 2016, 90, 10963-10971.	3.4	22
62	Influenza A Viruses from Overwintering and Spring-Migrating Waterfowl in the Lake Erie Basin, United States. Avian Diseases, 2016, 60, 241-244.	1.0	4
63	The enigma of the apparent disappearance of Eurasian highly pathogenic H5 clade 2.3.4.4 influenza A viruses in North American waterfowl. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9033-9038.	7.1	62
64	Reply to Ramey et al.: Let time be the arbiter. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6553-E6554.	7.1	1
65	Evolutionary Dynamics of Influenza A Viruses in US Exhibition Swine. Journal of Infectious Diseases, 2016, 213, 173-182.	4.0	28
66	The Inability to Screen Exhibition Swine for Influenza A Virus Using Body Temperature. Zoonoses and Public Health, 2016, 63, 34-39.	2.2	9
67	Outbreak of Influenza A(H3N2) Variant Virus Infections Among Persons Attending Agricultural Fairs Housing Infected Swine â€" Michigan and Ohio, Julyâ€"August 2016. Morbidity and Mortality Weekly Report, 2016, 65, 1157-1160.	15.1	37
68	Nasal Wipes for Influenza A Virus Detection and Isolation from Swine. Journal of Visualized Experiments, 2015, , e53313.	0.3	10
69	Investigating the introduction of porcine epidemic diarrhea virus into an Ohio swine operation. BMC Veterinary Research, 2015, 11, 38.	1.9	65
70	Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. Veterinary Microbiology, 2015, 179, 213-218.	1.9	35
71	Spread and Persistence of Influenza A Viruses in Waterfowl Hosts in the North American Mississippi Migratory Flyway. Journal of Virology, 2015, 89, 5371-5381.	3.4	29
72	Influenza A Virus Surveillance in Waterfowl in Missouri, USA, 2005â€"2013. Avian Diseases, 2015, 59, 303-308.	1.0	5

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73	Deletion of the Complement C5a Receptor Alleviates the Severity of Acute Pneumococcal Otitis Media following Influenza A Virus Infection in Mice. PLoS ONE, 2014, 9, e95160.	2.5	18
74	Influenza A Subtype H3 Viruses in Feral Swine, United States, 2011â€“2012. Emerging Infectious Diseases, 2014, 20, 839-842.	4.3	25
75	Exploration of risk factors contributing to the presence of influenza A virus in swine at agricultural fairs. Emerging Microbes and Infections, 2014, 3, 1-5.	6.5	26
76	Swine-to-Human Transmission of Influenza A(H3N2) Virus at Agricultural Fairs, Ohio, USA, 2012. Emerging Infectious Diseases, 2014, 20, 1472-1480.	4.3	79
77	Genomic analyses detect Eurasianâ€lineage H10 and additional H14 influenza A viruses recovered from waterfowl in the Central United States. Influenza and Other Respiratory Viruses, 2014, 8, 493-498.	3.4	19
78	Utility of snout wipe samples for influenza A virus surveillance in exhibition swine populations. Influenza and Other Respiratory Viruses, 2014, 8, 574-579.	3.4	26
79	Simultaneous Infection of Pigs and People with Tripleâ€Reassortant Swine Influenza Virus H1N1 at a U.S. County Fair. Zoonoses and Public Health, 2013, 60, 196-201.	2.2	31
80	Mutation from arginine to lysine at the position 189 of hemagglutinin contributes to the antigenic drift in H3N2 swine influenza viruses. Virology, 2013, 446, 225-229.	2.4	15
81	Comparative effectiveness of isolation techniques for contemporary Influenza A virus strains circulating in exhibition swine. Journal of Veterinary Diagnostic Investigation, 2013, 25, 82-90.	1.1	22
82	Antigenic Characterization of H3N2 Influenza A Viruses from Ohio Agricultural Fairs. Journal of Virology, 2013, 87, 7655-7667.	3.4	33
83	Prevalence ofYersinia enterocoliticain Antimicrobial-Free and Conventional Antimicrobial Use Swine Production. Foodborne Pathogens and Disease, 2013, 10, 514-519.	1.8	2
84	Evidence for the Circulation and Inter-Hemispheric Movement of the H14 Subtype Influenza A Virus. PLoS ONE, 2013, 8, e59216.	2.5	27
85	Molecular evidence for interspecies transmission of H3N2pM/H3N2v influenza A viruses at an Ohio agricultural fair, July 2012. Emerging Microbes and Infections, 2012, 1, 1-8.	6.5	51
86	Subclinical Influenza Virus A Infections in Pigs Exhibited at Agricultural Fairs, Ohio, USA, 2009â€“2011. Emerging Infectious Diseases, 2012, 18, 1945-1950.	4.3	57
87	Prevalence of Yersinia enterocolitica in Different Phases of Production on Swine Farms. Journal of Food Protection, 2007, 70, 11-16.	1.7	20
88	Evaluation of stocking density and subtherapeutic chlortetracycline on Salmonella enterica subsp. enterica shedding in growing swine. Veterinary Microbiology, 2007, 124, 202-208.	1.9	16