

David E Stallknecht

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

2,672
citations

236925

25
h-index

214800

47
g-index

102
all docs

102
docs citations

102
times ranked

2298
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for interannual persistence of infectious influenza A viruses in Alaska wetlands. <i>Science of the Total Environment</i> , 2022, 803, 150078.	8.0	17
2	Highly pathogenic avian influenza is an emerging disease threat to wild birds in North America. <i>Journal of Wildlife Management</i> , 2022, 86, .	1.8	43
3	Naturally Acquired Antibodies to Influenza A Virus in Fall-Migrating North American Mallards. <i>Veterinary Sciences</i> , 2022, 9, 214.	1.7	2
4	A lesser scaup (<i>Aythya affinis</i>) naturally infected with Eurasian 2.3.4.4 highly pathogenic H5N1 avian influenza virus: Movement ecology and host factors. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	9
5	The Effect of Maternal Antibodies on Clinical Response to Infection with Epizootic Hemorrhagic Disease Virus in White-Tailed Deer (<i>Odocoileus virginianus</i>) Fawns. <i>Journal of Wildlife Diseases</i> , 2021, 57, 189-193.	0.8	5
6	Spatial Analysis of the 2017 Outbreak of Hemorrhagic Disease and Physiographic Region in the Eastern United States. <i>Viruses</i> , 2021, 13, 550.	3.3	8
7	Low pathogenicity influenza viruses replicate differently in laughing gulls and mallards. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 701-706.	3.4	2
8	Influenza A Viruses in Whistling Ducks (Subfamily Dendrocygninae). <i>Viruses</i> , 2021, 13, 192.	3.3	0
9	Coding-Complete Genome Sequence of <i>Avian orthoavulavirus 16</i> , Isolated from Emperor Goose (<i>Anser canagicus</i>) Feces, Alaska, USA. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
10	Randomly primed, strand-switching, MinION-based sequencing for the detection and characterization of cultured RNA viruses. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 202-215.	1.1	18
11	Field-based method for assessing duration of infectivity for influenza A viruses in the environment. <i>Journal of Virological Methods</i> , 2020, 277, 113818.	2.1	6
12	EXPERIMENTAL INFECTIONS AND SEROLOGY INDICATE THAT AMERICAN WHITE IBIS (<i>EUDOCIUMUS ALBUS</i>) ARE COMPETENT RESERVOIRS FOR TYPE A INFLUENZA VIRUS. <i>Journal of Wildlife Diseases</i> , 2020, 56, 530.	0.8	3
13	SUSCEPTIBILITY OF LAUGHING GULLS (<i>LEUCOPHAELUS ATRICILLA</i>) AND MALLARDS (<i>ANAS PLATYRHYNCHOS</i>) TO RUDDY TURNSTONE (<i>ARENARIA INTERPRES MORINELLA</i>) ORIGIN TYPE A INFLUENZA VIRUSES. <i>Journal of Wildlife Diseases</i> , 2020, 56, 167.	0.8	1
14	Influenza A Viruses in Ruddy Turnstones (<i>Arenaria interpres</i>); Connecting Wintering and Migratory Sites with an Ecological Hotspot at Delaware Bay. <i>Viruses</i> , 2020, 12, 1205.	3.3	6
15	Influenza A viruses remain infectious for more than seven months in northern wetlands of North America. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201680.	2.6	33
16	The Genome Sequence of an H6N5 Influenza A Virus Strain Isolated from a Northern Pintail (<i>Anas</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
17	An Embryonated Egg Transmission Model for Epizootic Hemorrhagic Disease Virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 728-730.	1.5	1
18	The role of drought as a determinant of hemorrhagic disease in the eastern United States. <i>Global Change Biology</i> , 2020, 26, 3799-3808.	9.5	9

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19	Phylogeography and Antigenic Diversity of Low-Pathogenic Avian Influenza H13 and H16 Viruses. <i>Journal of Virology</i> , 2020, 94, .	3.4	16
20	SUSCEPTIBILITY OF LAUGHING GULLS (<i>Larus ridibundus</i>) AND MALLARDS (<i>Anas platyrhynchos</i>) TO RUDDY TURNSTONE (<i>Actinotya melanotos</i>) ORIGIN TYPE A INFLUENZA VIRUSES. <i>Journal of Wildlife Diseases</i> , 2020, 56, 167-174.	0.8	0
21	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
22	Improved detection of influenza A virus from blue-winged teals by sequencing directly from swab material. <i>Ecology and Evolution</i> , 2019, 9, 6534-6546.	1.9	18
23	Complete Genome Sequence of a 2016 Bluetongue Virus Serotype 3 Isolate from Louisiana. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
24	Emperor geese (<i>Anser canagicus</i>) are exposed to a diversity of influenza A viruses, are infected during the non-breeding period and contribute to intercontinental viral dispersal. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1958-1970.	3.0	7
25	EHDV-2 Infection Prevalence Varies in <i>Culicoides sonorensis</i> after Feeding on Infected White-Tailed Deer over the Course of Viremia. <i>Viruses</i> , 2019, 11, 371.	3.3	10
26	GENETIC RELATEDNESS OF EPIZOOTIC HEMORRHAGIC DISEASE VIRUS SEROTYPE 2 FROM 2012 OUTBREAK IN THE USA. <i>Journal of Wildlife Diseases</i> , 2019, 55, 363.	0.8	3
27	EXPERIMENTAL INFECTION OF WHITE-TAILED DEER (<i>Odocoileus virginianus</i>) WITH BLUETONGUE VIRUS SEROTYPE 3. <i>Journal of Wildlife Diseases</i> , 2019, 55, 627.	0.8	8
28	Evaluation of 2012 US EHDV-2 outbreak isolates for genetic determinants of cattle infection. <i>Journal of General Virology</i> , 2019, 100, 556-567.	2.9	4
29	Lessons learned from research and surveillance directed at highly pathogenic influenza A viruses in wild birds inhabiting North America. <i>Virology</i> , 2018, 518, 55-63.	2.4	21
30	NEUTRALIZING ANTIBODIES TO TYPE A INFLUENZA VIRUSES IN SHOREBIRDS AT DELAWARE BAY, NEW JERSEY, USA. <i>Journal of Wildlife Diseases</i> , 2018, 54, 708-715.	0.8	3
31	Heterosubtypic immunity increases infectious dose required to infect Mallard ducks with Influenza A virus. <i>PLoS ONE</i> , 2018, 13, e0196394.	2.5	7
32	Introduction of Eurasian-Origin Influenza A(H8N4) Virus into North America by Migratory Birds. <i>Emerging Infectious Diseases</i> , 2018, 24, 1950-1953.	4.3	33
33	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
34	Influenza A virus recovery, diversity, and intercontinental exchange: A multi-year assessment of wild bird sampling at Izembek National Wildlife Refuge, Alaska. <i>PLoS ONE</i> , 2018, 13, e0195327.	2.5	23
35	Influenza A Prevalence and Subtype Diversity in Migrating Teal Sampled Along the United States Gulf Coast. <i>Avian Diseases</i> , 2018, 63, 165.	1.0	8
36	Prevalence of Influenza A Viruses in Ducks Sampled in Northwestern Minnesota and Evidence for Predominance of H3N8 and H4N6 Subtypes in Mallards, 2007-2016. <i>Avian Diseases</i> , 2018, 63, 126.	1.0	9

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37	Are Microneutralization and Hemagglutination Inhibition Assays Comparable? Serological Results from Influenza Experimentally Infected Mallard Ducks. <i>Avian Diseases</i> , 2018, 63, 138.	1.0	3
38	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
39	Serologic Detection of Subtype-specific Antibodies to Influenza A Viruses in Southern Sea Otters (<i>Enhydra lutris nereis</i>). <i>Journal of Wildlife Diseases</i> , 2017, 53, 906-910.	0.8	12
40	VIRUS ISOLATION AND MOLECULAR DETECTION OF BLUETONGUE AND EPIZOOTIC HEMORRHAGIC DISEASE VIRUSES FROM NATURALLY INFECTED WHITE-TAILED DEER (<i>Odocoileus virginianus</i>). <i>Journal of Wildlife Diseases</i> , 2017, 53, 843-849.	0.8	5
41	Assessment of contemporary genetic diversity and inter-taxa/inter-region exchange of avian paramyxovirus serotype 1 in wild birds sampled in North America. <i>Virology Journal</i> , 2017, 14, 43.	3.4	17
42	The First 10 Years (2006-2015) of Epizootic Hemorrhagic Disease Virus Serotype 6 in the USA. <i>Journal of Wildlife Diseases</i> , 2017, 53, 901-905.	0.8	24
43	Development of an influenza virus protein microarray to measure the humoral response to influenza virus infection in mallards. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-9.	6.5	19
44	Influenza A virus: sampling of the unique shorebird habitat at Delaware Bay, USA. <i>Royal Society Open Science</i> , 2017, 4, 171420.	2.4	17
45	Maintenance of influenza A viruses and antibody response in mallards (<i>Anas platyrhynchos</i>) sampled during the non-breeding season in Alaska. <i>PLoS ONE</i> , 2017, 12, e0183505.	2.5	10
46	Adaptive Heterosubtypic Immunity to Low Pathogenic Avian Influenza Viruses in Experimentally Infected Mallards. <i>PLoS ONE</i> , 2017, 12, e0170335.	2.5	15
47	Competition between influenza A virus subtypes through heterosubtypic immunity modulates re-infection and antibody dynamics in the mallard duck. <i>PLoS Pathogens</i> , 2017, 13, e1006419.	4.7	53
48	Genome Sequence of a Novel H14N7 Subtype Influenza A Virus Isolated from a Blue-Winged Teal (<i>Actitis hypoleucos</i>). <i>Journal of Virology</i> , 2017, 91, e0183505.	0.8	10
49	Novel Highly Pathogenic Avian A(H5N2) and A(H5N8) Influenza Viruses of Clade 2.3.4.4 from North America Have Limited Capacity for Replication and Transmission in Mammals. <i>MSphere</i> , 2016, 1, .	2.9	56
50	Antibodies to Influenza A Viruses in Gulls at Delaware Bay, USA. <i>Avian Diseases</i> , 2016, 60, 341-345.	1.0	9
51	Pathogenicity and Transmission of H5 and H7 Highly Pathogenic Avian Influenza Viruses in Mallards. <i>Journal of Virology</i> , 2016, 90, 9967-9982.	3.4	96
52	Antibodies to Influenza A Viruses in Wintering Snow Geese (<i>Chen caerulescens</i>) in Texas. <i>Avian Diseases</i> , 2016, 60, 337-340.	1.0	14
53	Evidence for wild waterfowl origin of H7N3 influenza A virus detected in captive-reared New Jersey pheasants. <i>Archives of Virology</i> , 2016, 161, 2519-2526.	2.1	6
54	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

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55	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
56	Surveillance for Eurasian-origin and intercontinental reassortant highly pathogenic influenza A viruses in Alaska, spring and summer 2015. Virology Journal, 2016, 13, 55.	3.4	11
57	Evidence for the exchange of blood parasites between North America and the Neotropics in blue-winged teal (<i>Anas discors</i>). Parasitology Research, 2016, 115, 3923-3939.	1.6	19
58	A Multiplex Label-Free Approach to Avian Influenza Surveillance and Serology. PLoS ONE, 2015, 10, e0134484.	2.5	19
59	H7N9 influenza A virus in turkeys in Minnesota. Journal of General Virology, 2015, 96, 269-276.	2.9	12
60	Influenza A Virus on Oceanic Islands: Host and Viral Diversity in Seabirds in the Western Indian Ocean. PLoS Pathogens, 2015, 11, e1004925.	4.7	20
61	Subtype-specific influenza A virus antibodies in Canada geese (<i>Branta canadensis</i>). Veterinary Microbiology, 2015, 177, 296-301.	1.9	2
62	Effect of Temperature on Replication of Epizootic Hemorrhagic Disease Viruses in <i>Culicoides sonorensis</i> (Diptera: Ceratopogonidae). Journal of Medical Entomology, 2015, 52, 1050-1059.	1.8	19
63	Transmission and Epidemiology of Bluetongue and Epizootic Hemorrhagic Disease in North America: Current Perspectives, Research Gaps, and Future Directions. Vector-Borne and Zoonotic Diseases, 2015, 15, 348-363.	1.5	101
64	Sampling of Sea Ducks for Influenza A Viruses in Alaska during Winter Provides Lack of Evidence for Epidemiologic Peak of Infection. Journal of Wildlife Diseases, 2015, 51, 938.	0.8	6
65	APPARENT INCREASE OF REPORTED HEMORRHAGIC DISEASE IN THE MIDWESTERN AND NORTHEASTERN USA. Journal of Wildlife Diseases, 2015, 51, 348-361.	0.8	40
66	Evolutionary genetics and vector adaptation of recombinant viruses of the western equine encephalitis antigenic complex provides new insights into alphavirus diversity and host switching. Virology, 2015, 474, 154-162.	2.4	23
67	Genetic characterization of epizootic hemorrhagic disease virus strains isolated from cattle in Israel. Journal of General Virology, 2015, 96, 1400-1410.	2.9	9
68	Genomic Characterization of H14 Subtype Influenza A Viruses in New World Waterfowl and Experimental Infectivity in Mallards (<i>Anas platyrhynchos</i>). PLoS ONE, 2014, 9, e95620.	2.5	23
69	Adaptive Evolution and Environmental Durability Jointly Structure Phylodynamic Patterns in Avian Influenza Viruses. PLoS Biology, 2014, 12, e1001931.	5.6	36
70	Trade-offs between and within scales: environmental persistence and within-host fitness of avian influenza viruses. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133051.	2.6	30
71	Abiotic Factors Affecting the Persistence of Avian Influenza Virus in Surface Waters of Waterfowl Habitats. Applied and Environmental Microbiology, 2014, 80, 2910-2917.	3.1	49
72	Subtype diversity and reassortment potential for co-circulating avian influenza viruses at a diversity hot spot. Journal of Animal Ecology, 2014, 83, 566-575.	2.8	8

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73	Duck Huntersâ€™ Perceptions of Risk for Avian Influenza, Georgia, USA. <i>Emerging Infectious Diseases</i> , 2010, 16, 1279-1281.	4.3	12
74	Avian Influenza Virus in Aquatic Habitats: What Do We Need to Learn?. <i>Avian Diseases</i> , 2010, 54, 461-465.	1.0	90
75	The Role of Environmental Transmission in Recurrent Avian Influenza Epidemics. <i>PLoS Computational Biology</i> , 2009, 5, e1000346.	3.2	197
76	Persistence of H5 and H7 Avian Influenza Viruses in Water. <i>Avian Diseases</i> , 2007, 51, 285-289.	1.0	276
77	Susceptibility of North American Ducks and Gulls to H5N1 Highly Pathogenic Avian Influenza Viruses. <i>Emerging Infectious Diseases</i> , 2006, 12, 1663-1670.	4.3	257
78	FACT SHEET. <i>Biodiversity</i> , 2006, 7, 2-2.	1.1	0
79	Effect of strain and serotype of vesicular stomatitis virus on viral shedding, vesicular lesion development, and contact transmission in pigs. <i>American Journal of Veterinary Research</i> , 2004, 65, 1233-1239.	0.6	17
80	Attempted Transmission of <i>Ehrlichia chaffeensis</i> among White-tailed Deer by <i>Amblyomma maculatum</i> . <i>Journal of Wildlife Diseases</i> , 2000, 36, 592-594.	0.8	7
81	An Epizootic of Hemorrhagic Disease in White-tailed Deer in Missouri. <i>Journal of Wildlife Diseases</i> , 2000, 36, 588-591.	0.8	26
82	VSV on Ossabaw Island, Georgia: The Truth Is Out There. <i>Annals of the New York Academy of Sciences</i> , 2000, 916, 431-436.	3.8	10
83	Novel <i>Ehrlichia</i> Organism (Rickettsiales: Ehrlichieae) in White-Tailed Deer Associated with Lone Star Tick (Acari: Ixodidae) Parasitism. <i>Journal of Medical Entomology</i> , 1999, 36, 190-194.	1.8	20
84	SUSCEPTIBILITY OF RED AND GRAY FOXES TO INFECTION BY <i>EHRlichia CHAFFEENSIS</i> . <i>Journal of Wildlife Diseases</i> , 1999, 35, 696-702.	0.8	29
85	Evaluation of Two Oral Baiting Systems for Wild Rodents. <i>Journal of Wildlife Diseases</i> , 1998, 34, 369-372.	0.8	2
86	IN VITRO REPLICATION OF EPIZOOTIC HEMORRHAGIC DISEASE AND BLUETONGUE VIRUSES IN WHITE-TAILED DEER PERIPHERAL BLOOD MONONUCLEAR CELLS AND VIRUS-CELL ASSOCIATION DURING IN VIVO INFECTIONS. <i>Journal of Wildlife Diseases</i> , 1997, 33, 574-583.	0.8	17
87	HOST DEFENSE RESPONSES ASSOCIATED WITH EXPERIMENTAL HEMORRHAGIC DISEASE IN WHITE-TAILED DEER. <i>Journal of Wildlife Diseases</i> , 1997, 33, 584-599.	0.8	55
88	Experimental Vesicular Stomatitis in Swine: Effects of Route of Inoculation and Steroid Treatment. <i>Journal of Veterinary Diagnostic Investigation</i> , 1997, 9, 136-142.	1.1	37
89	MONITORING OF <i>CULICOIDES</i> SPP. AT A SITE ENZOOTIC FOR HEMORRHAGIC DISEASE IN WHITE-TAILED DEER IN GEORGIA, USA. <i>Journal of Wildlife Diseases</i> , 1996, 32, 627-642.	0.8	38
90	<i>Culicoides</i> (Diptera: Ceratopogonidae) Collected During Epizootics of Hemorrhagic Disease among Captive White-tailed Deer. <i>Journal of Medical Entomology</i> , 1996, 33, 507-510.	1.8	52

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91	Experimental Infection of Swine with a Sandfly (<i>Lutzomyia Shannoni</i>) Isolate of Vesicular Stomatitis Virus, New Jersey Serotype. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996, 8, 105-108.	1.1	23
92	Prevalence of Exposure to Eastern Equine Encephalomyelitis Virus in Domestic and Feral Swine in Georgia. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996, 8, 481-484.	1.1	21
93	Hemorrhagic Disease in White-tailed Deer in Texas: A Case for Enzootic Stability. <i>Journal of Wildlife Diseases</i> , 1996, 32, 695-700.	0.8	44
94	Low Prevalence of Antibodies to Bluetongue and Epizootic Hemorrhagic Disease Viruses in Dogs from Southern Georgia. <i>Journal of Veterinary Diagnostic Investigation</i> , 1995, 7, 393-394.	1.1	12
95	EPIZOOTIC HEMORRHAGIC DISEASE VIRUS AND BLUETONGUE VIRUS SEROTYPE DISTRIBUTION IN WHITE-TAILED DEER IN GEORGIA. <i>Journal of Wildlife Diseases</i> , 1995, 31, 331-338.	0.8	42
96	Isolation and Culture of Large Vessel Endothelium from White-Tailed Deer (<i>Odocoileus Virginianus</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 1995, 7, 137-142.	1.1	4
97	FERAL SWINE AS A POTENTIAL AMPLIFYING HOST FOR VESICULAR STOMATITIS VIRUS NEW JERSEY SEROTYPE ON OSSABAW ISLAND, GEORGIA. <i>Journal of Wildlife Diseases</i> , 1993, 29, 377-383.	0.8	15
98	Effect of Forest Type on the Distribution of <i>Lutzomyia shannoni</i> (Diptera: Psychodidae) and Vesicular Stomatitis Virus on Ossabaw Island, Georgia. <i>Journal of Medical Entomology</i> , 1993, 30, 555-560.	1.8	22
99	Antibodies to Bluetongue and Epizootic Hemorrhagic Disease Viruses from White-Tailed Deer Blood Samples Dried on Paper Strips. <i>Journal of Wildlife Diseases</i> , 1992, 28, 306-310.	0.8	14
100	Antibodies to Bluetongue and Epizootic Hemorrhagic Disease Viruses in a Barrier Island White-tailed Deer Population. <i>Journal of Wildlife Diseases</i> , 1991, 27, 668-674.	0.8	22