

# Diann J Prosser

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,842  
citations

304743

22  
h-index

276875

41  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways for avian influenza virus spread: GPS reveals wild waterfowl in commercial livestock facilities and connectivity with the natural wetland landscape. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2898-2912.	3.0	12
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	Maintenance and dissemination of avian-origin influenza A virus within the northern Atlantic Flyway of North America. <i>PLoS Pathogens</i> , 2022, 18, e1010605.	4.7	9
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	Do contrasting patterns of migration movements and disease outbreaks between congeneric waterfowl species reflect differing immunity?. <i>Geospatial Health</i> , 2021, 16, .	0.8	4
6	The spatial-temporal relationship of blue-winged teal to domestic poultry: Movement state modelling of a highly mobile avian influenza host. <i>Journal of Applied Ecology</i> , 2021, 58, 2040-2052.	4.0	11
7	Crossroads of highly pathogenic H5N1: overlap between wild and domestic birds in the Black Sea-Mediterranean impacts global transmission. <i>Virus Evolution</i> , 2021, 7, .	4.9	11
8	A network approach to prioritize conservation efforts for migratory birds. <i>Conservation Biology</i> , 2020, 34, 416-426.	4.7	40
9	The pathogenesis of a North American H5N2 clade 2.3.4.4 group A highly pathogenic avian influenza virus in surf scoters ( <i>Melanitta perspicillata</i> ). <i>BMC Veterinary Research</i> , 2020, 16, 351.	1.9	8
10	Assessing nest attentiveness of Common Terns via video cameras and temperature loggers. <i>Avian Research</i> , 2020, 11, .	1.2	3
11	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
12	Waterfowl occurrence and residence time as indicators of H5 and H7 avian influenza in North American Poultry. <i>Scientific Reports</i> , 2020, 10, 2592.	3.3	16
13	Using Thermal Infrared Cameras to Detect Avian Chicks at Various Distances and Vegetative Coverages. <i>Journal of Fish and Wildlife Management</i> , 2020, 11, 245-257.	0.9	1
14	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
15	Confronting models with data: the challenges of estimating disease spillover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180435.	4.0	30
16	Seasonal occurrence and abundance of dabbling ducks across the continental United States: Joint spatio-temporal modelling for the Genus <i>Anas</i> . <i>Diversity and Distributions</i> , 2019, 25, 1497-1508.	4.1	22
17	Assessing beach and island habitat loss in the Chesapeake Bay and Delmarva coastal bay region, USA, through processing of Landsat imagery: A case study. <i>Remote Sensing Applications: Society and Environment</i> , 2019, 16, 100265.	1.5	1
18	The Pathogenesis of H7 Highly Pathogenic Avian Influenza Viruses in Lesser Scaup ( <i>Aythya affinis</i> ). <i>Avian Diseases</i> , 2019, 63, 230.	1.0	7

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19	Clade 2.3.4.4 H5 North American Highly Pathogenic Avian Influenza Viruses Infect, but Do Not Cause Clinical Signs in, American Black Ducks ( <i>Anas rubripes</i> ). <i>Avian Diseases</i> , 2019, 63, 366.	1.0	6
20	Eviction Notice: Observation of a <i>Sterna hirundo</i> (Common Tern) Usurping an Active <i>Sternula antillarum</i> (Least Tern) Nest. <i>Northeastern Naturalist</i> , 2019, 26, 609.	0.3	2
21	Impacts of Coastal Land Use and Shoreline Armoring on Estuarine Ecosystems: an Introduction to a Special Issue. <i>Estuaries and Coasts</i> , 2018, 41, 2-18.	2.2	26
22	Effects of Local Shoreline and Subestuary Watershed Condition on Waterbird Community Integrity: Influences of Geospatial Scale and Season in the Chesapeake Bay. <i>Estuaries and Coasts</i> , 2018, 41, 207-222.	2.2	16
23	Waterfowl Spring Migratory Behavior and Avian Influenza Transmission Risk in the Changing Landscape of the East Asian-Australasian Flyway. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	18
24	Investigating Home Range, Movement Pattern, and Habitat Selection of Bar-headed Geese during Breeding Season at Qinghai Lake, China. <i>Animals</i> , 2018, 8, 182.	2.3	2
25	The impact of surveillance and control on highly pathogenic avian influenza outbreaks in poultry in Dhaka division, Bangladesh. <i>PLoS Computational Biology</i> , 2018, 14, e1006439.	3.2	17
26	Species distribution modeling in regions of high need and limited data: waterfowl of China. <i>Avian Research</i> , 2018, 9, .	1.2	5
27	Integrating animal movement with habitat suitability for estimating dynamic migratory connectivity. <i>Landscape Ecology</i> , 2018, 33, 879-893.	4.2	15
28	A Video Surveillance System to Monitor Breeding Colonies of Common Terns ( <i>Sterna</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.3	1
29	Himalayan Thoroughfare: Migratory Routes of Ducks over the Rooftop of the World. , 2017, , 30-44.		5
30	THE PATHOGENESIS OF CLADE 2.3.4.4 H5 HIGHLY PATHOGENIC AVIAN INFLUENZA VIRUSES IN RUDDY DUCK ( <i>Oxyura jamaicensis</i> ) AND LESSER SCAUP ( <i>AYTHya affinis</i> ). <i>Journal of Wildlife Diseases</i> , 2017, 53, 832-842.	0.8	20
31	Standardization and Application of an Index of Community Integrity for Waterbirds in the Chesapeake Bay, USA. <i>Waterbirds</i> , 2017, 40, 233-251.	0.3	4
32	Surveillance for highly pathogenic influenza A viruses in California during 2014–2015 provides insights into viral evolutionary pathways and the spatiotemporal extent of viruses in the Pacific Americas Flyway. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-10.	6.5	18
33	Could Changes in the Agricultural Landscape of Northeastern China Have Influenced the Long-Distance Transmission of Highly Pathogenic Avian Influenza H5Nx Viruses?. <i>Frontiers in Veterinary Science</i> , 2017, 4, 225.	2.2	14
34	The Aerosphere as a Network Connector of Organisms and Their Diseases. , 2017, , 427-464.		0
35	Chewing Lice of Swan Geese ( <i>Anser cygnoides</i> ): New Host-Parasite Associations. <i>Korean Journal of Parasitology</i> , 2016, 54, 685-691.	1.3	0
36	Spatial Modeling of Wild Bird Risk Factors for Highly Pathogenic A(H5N1) Avian Influenza Virus Transmission. <i>Avian Diseases</i> , 2016, 60, 329-336.	1.0	15

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37	Low Pathogenic Avian Influenza Viruses in Wild Migratory Waterfowl in a Region of High Poultry Production, Delmarva, Maryland. <i>Avian Diseases</i> , 2016, 61, 128.	1.0	4
38	Tracking domestic ducks: A novel approach for documenting poultry market chains in the context of avian influenza transmission. <i>Journal of Integrative Agriculture</i> , 2016, 15, 1584-1594.	3.5	8
39	A new method for discovering behavior patterns among animal movements. <i>International Journal of Geographical Information Science</i> , 2016, 30, 929-947.	4.8	8
40	Movement analysis of free-grazing domestic ducks in Poyang Lake, China: a disease connection. <i>International Journal of Geographical Information Science</i> , 2016, 30, 869-880.	4.8	19
41	Discovering Loose Group Movement Patterns from Animal Trajectories. , 2015, , .		1
42	Avian influenza H5N1 viral and bird migration networks in Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 172-177.	7.1	169
43	Movement ecology of five Afrotropical waterfowl species from Malawi, Mali and Nigeria. <i>Ostrich</i> , 2015, 86, 155-168.	1.1	4
44	Mapping migratory flyways in Asia using dynamic Brownian bridge movement models. <i>Movement Ecology</i> , 2015, 3, 3.	2.8	65
45	Risks of Avian Influenza Transmission in Areas of Intensive Free-Ranging Duck Production with Wild Waterfowl. <i>EcoHealth</i> , 2014, 11, 109-119.	2.0	52
46	Mining Continuous Activity Patterns from Animal Trajectory Data. <i>Lecture Notes in Computer Science</i> , 2014, , 239-252.	1.3	1
47	Movements of Wild Ruddy Shelducks in the Central Asian Flyway and Their Spatial Relationship to Outbreaks of Highly Pathogenic Avian Influenza H5N1. <i>Viruses</i> , 2013, 5, 2129-2152.	3.3	31
48	Mapping Avian Influenza Transmission Risk at the Interface of Domestic Poultry and Wild Birds. <i>Frontiers in Public Health</i> , 2013, 1, 28.	2.7	47
49	Wetland-Riparian Birds of the Mid-Atlantic Region. , 2013, , 269-311.		0
50	Eco-Virological Approach for Assessing the Role of Wild Birds in the Spread of Avian Influenza H5N1 along the Central Asian Flyway. <i>PLoS ONE</i> , 2012, 7, e30636.	2.5	63
51	Responses of Salt Marsh Ecosystems to Mosquito Control Management Practices along the Atlantic Coast (U.S.A.). <i>Restoration Ecology</i> , 2012, 20, 395-404.	2.9	21
52	Modelling the distribution of chickens, ducks, and geese in China. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 381-389.	5.3	33
53	Modelling the distribution of domestic ducks in Monsoon Asia. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 373-380.	5.3	32
54	Movement patterns of Bar-headed Geese <i>Anser indicus</i> during breeding and post-breeding periods at Qinghai Lake, China. <i>Journal of Ornithology</i> , 2011, 152, 83-92.	1.1	18

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55	Tracking the Autumn Migration of the Bar-Headed Goose ( <i>Anser indicus</i> ) with Satellite Telemetry and Relationship to Environmental Conditions. <i>International Journal of Zoology</i> , 2011, 2011, 1-10.	0.8	7
56	Wild Bird Migration across the Qinghai-Tibetan Plateau: A Transmission Route for Highly Pathogenic H5N1. <i>PLoS ONE</i> , 2011, 6, e17622.	2.5	100
57	Spatial Distribution and Risk Factors of Highly Pathogenic Avian Influenza (HPAI) H5N1 in China. <i>PLoS Pathogens</i> , 2011, 7, e1001308.	4.7	163
58	Persistence of Highly Pathogenic Avian Influenza H5N1 Virus Defined by Agro-Ecological Niche. <i>EcoHealth</i> , 2010, 7, 213-225.	2.0	40
59	Flying Over an Infected Landscape: Distribution of Highly Pathogenic Avian Influenza H5N1 Risk in South Asia and Satellite Tracking of Wild Waterfowl. <i>EcoHealth</i> , 2010, 7, 448-458.	2.0	87
60	Potential spread of highly pathogenic avian influenza H5N1 by wildfowl: dispersal ranges and rates determined from large-scale satellite telemetry. <i>Journal of Applied Ecology</i> , 2010, 47, 1147-1157.	4.0	126
61	Victims and Vectors: Highly Pathogenic Avian Influenza H5N1 and the Ecology of Wild Birds. <i>Avian Biology Research</i> , 2010, 3, 51-73.	0.9	45
62	Migration of Waterfowl in the East Asian Flyway and Spatial Relationship to HPAI H5N1 Outbreaks. <i>Avian Diseases</i> , 2010, 54, 466-476.	1.0	137
63	Migration of Waterfowl in the East Asian Flyway and Spatial Relationship to HPAI H5N1 Outbreaks. <i>Avian Diseases Digest</i> , 2010, 5, e101-e102.	0.0	5
64	Satellite-marked waterfowl reveal migratory connection between H5N1 outbreak areas in China and Mongolia. <i>Ibis</i> , 2009, 151, 568-576.	1.9	46
65	Migration of Whooper Swans and Outbreaks of Highly Pathogenic Avian Influenza H5N1 Virus in Eastern Asia. <i>PLoS ONE</i> , 2009, 4, e5729.	2.5	47
66	Goose Migration across the Himalayas: Migratory Routes and Movement Patterns of Bar-headed Geese. <i>Oikos</i> , 2009, 115, 15-29.		3