

# TimothÃ© Vergne

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,009  
citations

394421

19  
h-index

501196

28  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental pig-to-pig transmission dynamics for African swine fever virus, Georgia 2007/1 strain. <i>Epidemiology and Infection</i> , 2016, 144, 25-34.	2.1	77
2	Pig empire under infectious threat: risk of African swine fever introduction into the People's Republic of China. <i>Veterinary Record</i> , 2017, 181, 117-117.	0.3	54
3	Effectiveness and practicality of control strategies for African swine fever: what do we really know?. <i>Veterinary Record</i> , 2017, 180, 97-97.	0.3	52
4	Statistical Exploration of Local Transmission Routes for African Swine Fever in Pigs in the Russian Federation, 2007-2014. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 504-512.	3.0	48
5	Spatio-temporal patterns of highly pathogenic avian influenza virus subtype H5N8 spread, France, 2016 to 2017. <i>Eurosurveillance</i> , 2018, 23, .	7.0	46
6	Systematic review of surveillance systems and methods for early detection of exotic, new and re-emerging diseases in animal populations. <i>Epidemiology and Infection</i> , 2015, 143, 2018-2042.	2.1	40
7	Attitudes and Beliefs of Pig Farmers and Wild Boar Hunters Towards Reporting of African Swine Fever in Bulgaria, Germany and the Western Part of the Russian Federation. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e194-e204.	3.0	39
8	Modelling African swine fever presence and reported abundance in the Russian Federation using national surveillance data from 2007 to 2014. <i>Spatial and Spatio-temporal Epidemiology</i> , 2016, 19, 70-77.	1.7	32
9	Estimating the Basic Reproductive Number for African Swine Fever Using the Ukrainian Historical Epidemic of 1977. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1858-1866.	3.0	32
10	Mechanistic modelling of African swine fever: A systematic review. <i>Preventive Veterinary Medicine</i> , 2021, 191, 105358.	1.9	31
11	Undetected Circulation of African Swine Fever in Wild Boar, Asia. <i>Emerging Infectious Diseases</i> , 2020, 26, 2480-2482.	4.3	28
12	Evaluating the efficiency of participatory epidemiology to estimate the incidence and impacts of foot-and-mouth disease among livestock owners in Cambodia. <i>Acta Tropica</i> , 2012, 123, 31-38.	2.0	27
13	Assessing the Mandatory Bovine Abortion Notification System in France Using Unilist Capture-Recapture Approach. <i>PLoS ONE</i> , 2013, 8, e63246.	2.5	27
14	A capture-recapture analysis in a challenging environment: Assessing the epidemiological situation of foot-and-mouth disease in Cambodia. <i>Preventive Veterinary Medicine</i> , 2012, 105, 235-243.	1.9	25
15	Role of Live-Duck Movement Networks in Transmission of Avian Influenza, France, 2016-2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 472-480.	4.3	25
16	Inference of the infection status of individuals using longitudinal testing data from cryptic populations: Towards a probabilistic approach to diagnosis. <i>Scientific Reports</i> , 2017, 7, 11111.	3.3	24
17	Quantitative Outcomes of a One Health approach to Study Global Health Challenges. <i>EcoHealth</i> , 2018, 15, 209-227.	2.0	24
18	Avian Influenza Vaccination of Poultry and Passive Case Reporting, Egypt. <i>Emerging Infectious Diseases</i> , 2012, 18, 2076-2078.	4.3	23

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19	Putative Role of Arthropod Vectors in African Swine Fever Virus Transmission in Relation to Their Bio-Ecological Properties. <i>Viruses</i> , 2020, 12, 778.	3.3	23
20	Zero-inflated models for identifying disease risk factors when case detection is imperfect: Application to highly pathogenic avian influenza H5N1 in Thailand. <i>Preventive Veterinary Medicine</i> , 2014, 114, 28-36.	1.9	20
21	Highly Pathogenic Avian Influenza A(H5N8) Clade 2.3.4.4b Virus in Dust Samples from Poultry Farms, France, 2021. <i>Emerging Infectious Diseases</i> , 2022, 28, 1446-1450.	4.3	20
22	Capture-recapture approaches and the surveillance of livestock diseases: A review. <i>Preventive Veterinary Medicine</i> , 2015, 120, 253-264.	1.9	18
23	Movement and contact patterns of long-distance free-grazing ducks and avian influenza persistence in Vietnam. <i>PLoS ONE</i> , 2017, 12, e0178241.	2.5	18
24	SARS-CoV-2 Infection in Companion Animals: Prospective Serological Survey and Risk Factor Analysis in France. <i>Viruses</i> , 2022, 14, 1178.	3.3	18
25	A rationale to unify measurements of effectiveness for animal health surveillance. <i>Preventive Veterinary Medicine</i> , 2015, 120, 70-85.	1.9	17
26	Trade patterns facilitating highly pathogenic avian influenza virus dissemination in the free-grazing layer duck system in Vietnam. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 408-419.	3.0	17
27	Modelling the Spatial Distribution of ASF-Positive Wild Boar Carcasses in South Korea Using 2019-2020 National Surveillance Data. <i>Animals</i> , 2021, 11, 1208.	2.3	17
28	Comparative Epidemiology of Highly Pathogenic Avian Influenza Virus H5N1 and H5N6 in Vietnamese Live Bird Markets: Spatiotemporal Patterns of Distribution and Risk Factors. <i>Frontiers in Veterinary Science</i> , 2018, 5, 51.	2.2	16
29	An evaluation of melarsomine hydrochloride efficacy for parasitological cure in experimental infection of dairy cattle with <i>Trypanosoma evansi</i> in Thailand. <i>Parasitology</i> , 2011, 138, 1134-1142.	1.5	15
30	Viral tropism and detection of clade 2.3.4.4b H5N8 highly pathogenic avian influenza viruses in feathers of ducks and geese. <i>Scientific Reports</i> , 2021, 11, 5928.	3.3	15
31	Mechanical transmission of African swine fever virus by <i>Stomoxys calcitrans</i> : Insights from a mechanistic model. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1541-1549.	3.0	13
32	Inferring within-flock transmission dynamics of highly pathogenic avian influenza H5N8 virus in France, 2020. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3151-3155.	3.0	13
33	An expert opinion assessment of blood-feeding arthropods based on their capacity to transmit African swine fever virus in Metropolitan France. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1190-1204.	3.0	12
34	A Bayesian zero-truncated approach for analysing capture-recapture count data from classical scrapie surveillance in France. <i>Preventive Veterinary Medicine</i> , 2012, 105, 127-135.	1.9	10
35	Exposure to and Circulation of Avian Influenza and Newcastle Disease Viruses in Peridomestic Wild Birds in the United Arab Emirates. <i>Journal of Wildlife Diseases</i> , 2020, 56, 437.	0.8	10
36	Optimising the detectability of H5N1 and H5N6 highly pathogenic avian influenza viruses in Vietnamese live-bird markets. <i>Scientific Reports</i> , 2019, 9, 1031.	3.3	9

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37	What can phylodynamics bring to animal health research?. Trends in Ecology and Evolution, 2021, 36, 837-847.	8.7	9
38	Editorial: Epidemiology of Avian Influenza Viruses. Frontiers in Veterinary Science, 2019, 6, 150.	2.2	7
39	Impact of Imperfect Disease Detection on the Identification of Risk Factors in Veterinary Epidemiology. Frontiers in Veterinary Science, 2019, 6, 66.	2.2	6
40	Phylodynamic analysis of the highly pathogenic avian influenza H5N8 epidemic in France, 2016–2017. Transboundary and Emerging Diseases, 2022, 69, .	3.0	6
41	Newcastle disease virus transmission dynamics in wild peridomestic birds in the United Arab Emirates. Scientific Reports, 2021, 11, 3491.	3.3	5
42	Optimizing the early detection of low pathogenic avian influenza H7N9 virus in live bird markets. Journal of the Royal Society Interface, 2021, 18, 20210074.	3.4	5
43	Modelling African swine fever virus spread in pigs using time-respective network data: Scientific support for decision makers. Transboundary and Emerging Diseases, 2022, 69, .	3.0	5
44	Quantitative Assessment of the Risk of Release of Foot-and-Mouth Disease Virus via Export of Bull Semen from Israel. Risk Analysis, 2017, 37, 2350-2359.	2.7	4
45	Iso-population partition: An innovative epidemiological approach to mapping and analyzing spatially aggregated data. Preventive Veterinary Medicine, 2015, 122, 253-256.	1.9	3
46	Estimating the incidence of equine viral arteritis and the sensitivity of its surveillance in the French breeding stock. Veterinary Microbiology, 2016, 192, 34-42.	1.9	3
47	Syndromic surveillance of abortions in beef cattle based on the prospective analysis of spatio-temporal variations of calvings. Scientific Reports, 2016, 5, 18285.	3.3	3
48	Transmission tree of the highly pathogenic avian influenza (H5N1) epidemic in Israel, 2015. Veterinary Research, 2016, 47, 109.	3.0	3
49	Transmission of highly pathogenic avian influenza in the nomadic free-grazing duck production system in Viet Nam. Scientific Reports, 2020, 10, 8432.	3.3	2
50	Risk of Anticoagulant Rodenticide Exposure for Mammals and Birds in Parc National des Pyrénées, France. Journal of Wildlife Diseases, 2021, 57, 637-642.	0.8	2
51	Exposure assessment for avian influenza and Newcastle disease viruses from peridomestic wild birds in a conservation breeding site in the United Arab Emirates. Transboundary and Emerging Diseases, 2022, 69, 2361-2372.	3.0	2
52	Optimizing public health strategies in low-income countries: epidemiology, ecology and evolution for the control of malaria. , 2018, , .		1
53	Editorial: Quantifying and Addressing Bias Associated With Imperfect Observation Processes in Epidemiological Studies. Frontiers in Veterinary Science, 2019, 6, 310.	2.2	0
54	SVEPM 2020 – Resilience and community support in the first year of the COVID-19 pandemic: The Society for Veterinary Epidemiology and Preventive Medicine Annual Conference, extraordinarily held online. Preventive Veterinary Medicine, 2021, 191, 105368.	1.9	0

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55	SVEPM 2019â€”Implications of pathogen and antimicrobial evolution on animal health, herd management and policy making, society for veterinary epidemiology and preventive medicine conference Utrecht, the Netherlands 27thâ€”29th March 2019. Preventive Veterinary Medicine, 2020, 183, 104821.	1.9	0
56	SVEPM 2021 â€” Research sharing and networking in times of pandemic: The online Annual Conference of the Society for Veterinary Epidemiology and Preventive Medicine. Preventive Veterinary Medicine, 2022, 202, 105611.	1.9	0