

# Barbara Wieland

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

3,210  
citations

159585

30  
h-index

189892

50  
g-index

117  
all docs

117  
docs citations

117  
times ranked

3597  
citing authors

#	ARTICLE	IF	CITATIONS
1	African swine fever: how can global spread be prevented?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2683-2696.	4.0	387
2	Chronic Enteropathies in Dogs: Evaluation of Risk Factors for Negative Outcome. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 700.	1.6	185
3	Pig farmers' perceptions, attitudes, influences and management of information in the decision-making process for disease control. <i>Preventive Veterinary Medicine</i> , 2014, 116, 223-242.	1.9	170
4	Cost of post-weaning multi-systemic wasting syndrome and porcine circovirus type-2 subclinical infection in England – An economic disease model. <i>Preventive Veterinary Medicine</i> , 2013, 110, 88-102.	1.9	118
5	Influenza at the animal-human interface: a review of the literature for virological evidence of human infection with swine or avian influenza viruses other than A(H5N1). <i>Eurosurveillance</i> , 2014, 19, .	7.0	117
6	One Health surveillance – More than a buzz word?. <i>Preventive Veterinary Medicine</i> , 2015, 120, 124-130.	1.9	102
7	Detection of Tilapia Lake Virus in Egyptian fish farms experiencing high mortalities in 2015. <i>Journal of Fish Diseases</i> , 2017, 40, 1925-1928.	1.9	82
8	Introduction of African Swine Fever into the European Union through Illegal Importation of Pork and Pork Products. <i>PLoS ONE</i> , 2013, 8, e61104.	2.5	77
9	Antimicrobial Use in Extensive Smallholder Livestock Farming Systems in Ethiopia: Knowledge, Attitudes, and Practices of Livestock Keepers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 55.	2.2	69
10	Quantitative Risk Assessment for the Introduction of African Swine Fever Virus into the European Union by Legal Import of Live Pigs. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 134-144.	3.0	65
11	<i>Campylobacter</i> spp. in Dogs and Cats in Switzerland: Risk Factor Analysis and Molecular Characterization with AFLP. <i>Zoonoses and Public Health</i> , 2005, 52, 183-189.	1.4	58
12	Qualitative risk assessment in a data-scarce environment: A model to assess the impact of control measures on spread of African Swine Fever. <i>Preventive Veterinary Medicine</i> , 2011, 99, 4-14.	1.9	58
13	Identifying hotspots for antibiotic resistance emergence and selection, and elucidating pathways to human exposure: Application of a systems-thinking approach to aquaculture systems. <i>Science of the Total Environment</i> , 2019, 687, 1344-1356.	8.0	51
14	Backyard chicken keeping in the Greater London Urban Area: welfare status, biosecurity and disease control issues. <i>British Poultry Science</i> , 2012, 53, 421-430.	1.7	49
15	Risk Factors for African Swine Fever in Smallholder Pig Production Systems in Uganda. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 872-882.	3.0	49
16	Risk factors for porcine reproductive and respiratory syndrome virus infection and resulting challenges for effective disease surveillance. <i>BMC Veterinary Research</i> , 2012, 8, 184.	1.9	47
17	Constraints to cattle production in a semiarid pastoral system in Kenya. <i>Tropical Animal Health and Production</i> , 2013, 45, 1415-1422.	1.4	47
18	Contribution of small ruminants to food security for Ethiopian smallholder farmers. <i>Small Ruminant Research</i> , 2020, 184, 106064.	1.2	46

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19	<i>Toxoplasma gondii</i> infection and toxoplasmosis in North Africa: a review. <i>Parasite</i> , 2019, 26, 6.	2.0	44
20	Modular framework to assess the risk of African swine fever virus entry into the European Union. <i>BMC Veterinary Research</i> , 2014, 10, 145.	1.9	42
21	Milk handling practices and consumption behavior among Borana pastoralists in southern Ethiopia. <i>Journal of Health, Population and Nutrition</i> , 2019, 38, 6.	2.0	41
22	The evolutionary dynamics of influenza A virus adaptation to mammalian hosts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120382.	4.0	40
23	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
24	African Swine Fever Virus DNA in Soft Ticks, Senegal. <i>Emerging Infectious Diseases</i> , 2007, 13, 1928-1931.	4.3	37
25	Economic efficiency analysis of different strategies to control post-weaning multi-systemic wasting syndrome and porcine circovirus type 2 subclinical infection in 3-weekly batch system farms. <i>Preventive Veterinary Medicine</i> , 2013, 110, 103-118.	1.9	37
26	Evidence for action: a One Health learning platform on interventions to tackle antimicrobial resistance. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e307-e311.	9.1	37
27	The importance of on-farm biosecurity: Sero-prevalence and risk factors of bacterial and viral pathogens in smallholder pig systems in Uganda. <i>Acta Tropica</i> , 2018, 187, 214-221.	2.0	36
28	Prevalence and risk factors for swine influenza virus infection in the English pig population. <i>PLOS Currents</i> , 2011, 3, RRN1209.	1.4	36
29	BPEX Pig Health Scheme: a useful monitoring system for respiratory disease control in pig farms?. <i>BMC Veterinary Research</i> , 2011, 7, 82.	1.9	35
30	Evaluation of perinuclear anti-neutrophilic cytoplasmic autoantibodies as an early marker of protein-losing enteropathy and protein-losing nephropathy in Soft Coated Wheaten Terriers. <i>American Journal of Veterinary Research</i> , 2008, 69, 1301-1304.	0.6	33
31	Stochastic spatio-temporal modelling of African swine fever spread in the European Union during the high risk period. <i>Preventive Veterinary Medicine</i> , 2013, 108, 262-275.	1.9	30
32	Impact of participatory training of smallholder pig farmers on knowledge, attitudes and practices regarding biosecurity for the control of African swine fever in Uganda. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2482-2493.	3.0	29
33	Spatial multi-criteria decision analysis to predict suitability for African swine fever endemicity in Africa. <i>BMC Veterinary Research</i> , 2014, 10, 9.	1.9	27
34	Distribution and Genetic Variability Among <i>Campylobacter</i> spp. Isolates from Different Animal Species and Humans in Switzerland. <i>Zoonoses and Public Health</i> , 2007, 54, 2-7.	2.2	26
35	Genetic Adaptation of Influenza A Viruses in Domestic Animals and Their Potential Role in Interspecies Transmission: A Literature Review. <i>EcoHealth</i> , 2016, 13, 171-198.	2.0	25
36	Causes and Flock Level Risk Factors of Sheep and Goat Abortion in Three Agroecology Zones in Ethiopia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 615310.	2.2	25

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37	Perinuclear antineutrophil cytoplasmic autoantibodies in dogs infected with various vector-borne pathogens and in dogs with immune-mediated hemolytic anemia. <i>American Journal of Veterinary Research</i> , 2012, 73, 1403-1409.	0.6	24
38	Risk attribution of <i>Campylobacter</i> infection by age group using exposure modelling. <i>Epidemiology and Infection</i> , 2010, 138, 1748-1761.	2.1	23
39	Assessment and quantification of post-weaning multi-systemic wasting syndrome severity at farm level. <i>Preventive Veterinary Medicine</i> , 2011, 98, 19-28.	1.9	23
40	Farm level risk factors associated with severity of post-weaning multi-systemic wasting syndrome. <i>Preventive Veterinary Medicine</i> , 2011, 101, 182-191.	1.9	22
41	The effectiveness of biosecurity interventions in reducing the transmission of bacteria from livestock to humans at the farm level: A systematic literature review. <i>Zoonoses and Public Health</i> , 2021, 68, 549-562.	2.2	22
42	Global Burden of Animal Diseases: a novel approach to understanding and managing disease in livestock and aquaculture. <i>OIE Revue Scientifique Et Technique</i> , 2021, 40, 567-584.	1.2	22
43	Gastrointestinal nematode infection in small ruminants in Ethiopia: A systematic review and meta-analysis. <i>Acta Tropica</i> , 2016, 160, 68-77.	2.0	21
44	Importance of livestock diseases identified using participatory epidemiology in the highlands of Ethiopia. <i>Tropical Animal Health and Production</i> , 2020, 52, 1745-1757.	1.4	20
45	Factors influencing choice of veterinary service provider by pastoralist in Kenya. <i>Tropical Animal Health and Production</i> , 2013, 45, 1439-1445.	1.4	19
46	Estimation of impact of contagious bovine pleuropneumonia on pastoralists in Kenya. <i>Preventive Veterinary Medicine</i> , 2014, 115, 122-129.	1.9	19
47	Willingness to Vaccinate (WTV) and Willingness to Pay (WTP) for Vaccination Against Peste des Petits Ruminants (PPR) in Mali. <i>Frontiers in Veterinary Science</i> , 2020, 6, 488.	2.2	19
48	Herd-Level Risk Factors for the Seropositivity to <i>Mycoplasma hyopneumoniae</i> and the Occurrence of Enzootic Pneumonia Among Fattening Pigs in Areas of Endemic Infection and High Pig Density. <i>Transboundary and Emerging Diseases</i> , 2014, 61, 316-328.	3.0	18
49	Increased risk of A(H1N1)pdm09 influenza infection in UK pig industry workers compared to a general population cohort. <i>Influenza and Other Respiratory Viruses</i> , 2016, 10, 291-300.	3.4	18
50	Risk factors for reproductive disorders and major infectious causes of abortion in sheep in the highlands of Ethiopia. <i>Small Ruminant Research</i> , 2019, 177, 1-9.	1.2	18
51	A stochastic simulation model of African swine fever transmission in domestic pig farms in the Red River Delta region in Vietnam. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1384-1391.	3.0	18
52	Epidemiological Risk Factors for Animal Influenza A Viruses Overcoming Species Barriers. <i>EcoHealth</i> , 2017, 14, 342-360.	2.0	17
53	A meta-analysis of contagious caprine pleuropneumonia (CCPP) in Ethiopia. <i>Acta Tropica</i> , 2016, 158, 231-239.	2.0	16
54	Molecular detection and phylogenetic analysis of Peste des petits ruminants virus circulating in small ruminants in eastern Amhara region, Ethiopia. <i>BMC Veterinary Research</i> , 2019, 15, 84.	1.9	16

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55	Knowledge, attitude, and practices to zoonotic disease risks from livestock birth products among smallholder communities in Ethiopia. <i>One Health</i> , 2021, 12, 100223.	3.4	16
56	Antimicrobial resistance in Ethiopia: A systematic review and meta-analysis of prevalence in foods, food handlers, animals, and the environment. <i>One Health</i> , 2021, 13, 100286.	3.4	16
57	Bacteriological quality and safety of ready-to-consume milk and naturally fermented milk in Borana pastoral area, southern Ethiopia. <i>Tropical Animal Health and Production</i> , 2019, 51, 2079-2084.	1.4	14
58	Application of Mixed Methods to Identify Small Ruminant Disease Priorities in Ethiopia. <i>Frontiers in Veterinary Science</i> , 2019, 6, 417.	2.2	14
59	Animal Health Service Delivery in Crop-Livestock and Pastoral Systems in Ethiopia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 601878.	2.2	14
60	Phenon cluster analysis as a method to investigate epidemiological relatedness between sources of <i>Campylobacter jejuni</i> . <i>Journal of Applied Microbiology</i> , 2006, 100, 316-324.	3.1	13
61	Productivity in different cattle production systems in Kenya. <i>Tropical Animal Health and Production</i> , 2013, 45, 423-430.	1.4	13
62	Foot and mouth disease risk assessment in Mongolia – Local expertise to support national policy. <i>Preventive Veterinary Medicine</i> , 2015, 120, 115-123.	1.9	13
63	Important knowledge gaps among pastoralists on causes and treatment of udder health problems in livestock in southern Ethiopia: results of qualitative investigation. <i>BMC Veterinary Research</i> , 2017, 13, 303.	1.9	13
64	Seasonal patterns and space-time clustering of porcine reproductive and respiratory syndrome (PRRS) cases from 2008 to 2016 in Vietnam. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 986-994.	3.0	13
65	The role of infectious disease impact in informing decision-making for animal health management in aquaculture systems in Bangladesh. <i>Preventive Veterinary Medicine</i> , 2019, 167, 202-213.	1.9	13
66	Tick treatment practices in the field: Access to, knowledge about, and on-farm use of acaricides in Laikipia, Kenya. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101757.	2.7	13
67	Value and Benefits of Open-Book Examinations as Assessment for Deep Learning in a Post-graduate Animal Health Course. <i>Journal of Veterinary Medical Education</i> , 2009, 36, 403-410.	0.6	12
68	Influenza surveillance in animals: what is our capacity to detect emerging influenza viruses with zoonotic potential?. <i>Epidemiology and Infection</i> , 2015, 143, 2187-2204.	2.1	12
69	Techne meets Metis: Knowledge and practices for tick control in Laikipia County, Kenya. <i>Njas - Wageningen Journal of Life Sciences</i> , 2018, 86-87, 136-145.	7.7	12
70	Epidemiological investigations of contagious caprine pleuropneumonia in selected districts of Borana zone, Southern Oromia, Ethiopia. <i>Tropical Animal Health and Production</i> , 2019, 51, 703-711.	1.4	12
71	Clapping with Two Hands: Transforming Gender Relations and Zoonotic Disease Risks through Community Conversations in Rural Ethiopia. <i>Human Ecology</i> , 2020, 48, 651-663.	1.4	12
72	Effectiveness of porcine circovirus type 2 vaccination in reducing the severity of post-weaning multisystemic wasting syndrome in pigs. <i>Veterinary Journal</i> , 2013, 197, 842-847.	1.7	11

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73	Temporal patterns and space-time cluster analysis of foot-and-mouth disease (FMD) cases from 2007 to 2017 in Vietnam. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 584-591.	3.0	11
74	Quantitatively evaluating the cross-sectoral and One Health impact of interventions: A scoping review and case study of antimicrobial resistance. <i>One Health</i> , 2020, 11, 100194.	3.4	11
75	Supply Chain and Delivery of Antimicrobial Drugs in Smallholder Livestock Production Systems in Uganda. <i>Frontiers in Veterinary Science</i> , 2021, 8, 611076.	2.2	11
76	MILK Symposium review: Community-tailored training to improve the knowledge, attitudes, and practices of women regarding hygienic milk production and handling in Borana pastoral area of southern Ethiopia. <i>Journal of Dairy Science</i> , 2020, 103, 9748-9757.	3.4	10
77	Acaricide resistance in livestock ticks infesting cattle in Africa: Current status and potential mitigation strategies. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2022, 2, 100090.	1.9	10
78	Status and gaps of research on respiratory disease pathogens of swine in Africa. <i>Porcine Health Management</i> , 2020, 6, 5.	2.6	9
79	Poultry disease occurrences and their impacts in Ethiopia. <i>Tropical Animal Health and Production</i> , 2021, 53, 54.	1.4	9
80	Spatio-temporal cluster analysis and transmission drivers for Peste des Petits Ruminants in Uganda. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	9
81	Prevalence of perinuclear antineutrophilic cytoplasmic autoantibodies in serum of healthy Soft Coated Wheaten Terriers in the United Kingdom. <i>American Journal of Veterinary Research</i> , 2012, 73, 404-408.	0.6	8
82	Porcine circovirus type 2 infection before and during an outbreak of postweaning multisystemic wasting syndrome on a pig farm in the UK. <i>Veterinary Record</i> , 2012, 170, 596-596.	0.3	8
83	Risk factors associated with <i>Lawsonia intracellularis</i> in English pig farms. <i>Veterinary Journal</i> , 2013, 197, 707-711.	1.7	8
84	Systematic review and meta-analysis of metacestodes prevalence in small ruminants in Ethiopia. <i>Preventive Veterinary Medicine</i> , 2016, 129, 99-107.	1.9	8
85	Major vectors and vector-borne diseases in small ruminants in Ethiopia: A systematic review. <i>Acta Tropica</i> , 2017, 170, 95-104.	2.0	8
86	Integrated Approach to Facilitate Stakeholder Participation in the Control of Endemic Diseases of Livestock: The Case of Peste Des Petits Ruminants in Mali. <i>Frontiers in Veterinary Science</i> , 2019, 6, 392.	2.2	8
87	Seroprevalences of multi-pathogen and description of farm movement in pigs in two provinces in Vietnam. <i>BMC Veterinary Research</i> , 2020, 16, 15.	1.9	8
88	Poultry health services in Ethiopia: availability of diagnostic, clinical, and vaccination services. <i>Poultry Science</i> , 2021, 100, 101023.	3.4	8
89	Antimicrobial Resistance in Africa—How to Relieve the Burden on Family Farmers. <i>Emerging Infectious Diseases</i> , 2021, 27, 2515-2520.	4.3	8
90	Infectious and parasitic diseases of poultry in Ethiopia: a systematic review and meta-analysis. <i>Poultry Science</i> , 2019, 98, 6452-6462.	3.4	7

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91	Correlations between lung pneumonic lesions and serologic status for key respiratory pathogens in slaughtered pigs in northern Uganda. <i>Porcine Health Management</i> , 2021, 7, 53.	2.6	6
92	Geographic and Socioeconomic Influence on Knowledge and Practices Related to Antimicrobial Resistance among Smallholder Pig Farmers in Uganda. <i>Antibiotics</i> , 2022, 11, 251.	3.7	6
93	Exposure to multiple pathogens - serological evidence for Rift Valley fever virus, <i>Coxiella burnetii</i> , Bluetongue virus and <i>Brucella</i> spp. in cattle, sheep and goat in Mali. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010342.	3.0	6
94	Simulation of control scenarios of porcine reproductive and respiratory syndrome in Nghe An Province in Vietnam. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2279-2287.	3.0	5
95	Prevalence and risk factors of <i>Brucella</i> spp. in goats in Borana pastoral area, Southern Oromia, Ethiopia. <i>Small Ruminant Research</i> , 2022, 206, 106594.	1.2	5
96	Lungworm infection in small ruminants in Ethiopia: Systematic review and meta-analysis. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 14, 63-70.	0.5	4
97	Modeling the Spread of Porcine Reproductive and Respiratory Syndrome Among Pig Farms in Lira District of Northern Uganda. <i>Frontiers in Veterinary Science</i> , 2021, 8, 727895.	2.2	4
98	Policy analysis for delivery of contagious bovine pleuropneumonia control strategies in sub-Saharan Africa. <i>OIE Revue Scientifique Et Technique</i> , 2017, 36, 195-205.	1.2	4
99	Modelling the within-herd transmission of <i>Mycoplasma hyopneumoniae</i> in closed pig herds. <i>Porcine Health Management</i> , 2016, 2, 10.	2.6	3
100	Towards objective measurement of reproductive performance of traditionally managed goat flocks in the drylands of Ethiopia. <i>Tropical Animal Health and Production</i> , 2021, 53, 156.	1.4	3
101	The misuse of antiretrovirals to boost pig and poultry productivity in Uganda and potential implications for public health. <i>International Journal of One Health</i> , 2021, 7, 88-95.	0.6	3
102	Detection of <i>Toxoplasma gondii</i> infection in semen of rams used for natural mating in commercial sheep farms in Tunisia. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 18, 100341.	0.5	2
103	Skewness in the literature on infectious livestock diseases in an emerging economy – the case of Vietnam. <i>Animal Health Research Reviews</i> , 2021, 22, 1-13.	3.1	2
104	Editorial: Peste des Petits Ruminants (PPR): Generating Evidence to Support Eradication Efforts. <i>Frontiers in Veterinary Science</i> , 2020, 7, 636509.	2.2	2
105	Typology of interventions for antimicrobial use and antimicrobial resistance in aquaculture systems in low- and middle-income countries. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106495.	2.5	2
106	Molecular characterization of porcine reproductive and respiratory syndrome virus (PRRSv) identified from slaughtered pigs in northern Uganda. <i>BMC Veterinary Research</i> , 2022, 18, 176.	1.9	2
107	Genetic variability of <i>Campylobacter jejuni</i> isolated from fresh and frozen broiler carcasses. <i>Journal of Applied Microbiology</i> , 2006, 101, 1027-1032.	3.1	1
108	Evaluation of Public-Private Partnership in the Veterinary Domain Using Impact Pathway Methodology: In-depth Case Study in the Poultry Sector in Ethiopia. <i>Frontiers in Veterinary Science</i> , 2022, 9, 735269.	2.2	1

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109	Antimicrobial Resistance and Agriculture. , 2019, , 477-480.		0
110	Transboundary animal diseases.. , 2020, , 274-301.		0
111	Zoonoses.. , 2020, , 302-337.		0
112	Community awareness and experiences of health workers concerning mosquito-borne viral diseases in selected districts of Gambella Region, Southwestern Ethiopia. Infection Ecology and Epidemiology, 2021, 11, 1988453.	0.8	0