

# Andres M Perez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94  
papers

1,422  
citations

19  
h-index

33  
g-index

109  
ext. papers

1,973  
ext. citations

3.8  
avg, IF

4.92  
L-index

#	Paper	IF	Citations
94	Epidemiological characterization of <i>Clonorchis sinensis</i> infection in humans and freshwater fish in Guangxi, China.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 263	4	
93	Global Distribution of Fluoroquinolone and Colistin Resistance and Associated Resistance Markers in of Swine Origin - A Systematic Review and Meta-Analysis.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 834793	5.7	1
92	Subdistrict-Level Reproductive Number for Foot and Mouth Disease in Cattle in Northern Thailand. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 757132	3.1	0
91	Self-Reporting of Risk Pathways and Parameter Values for Foot-and-Mouth Disease in Slaughter Cattle from Alternative Production Systems by Kenyan and Ugandan Veterinarians. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
90	One Coin, Two Sides: Eliciting Expert Knowledge From Training Participants in a Capacity-Building Program for Veterinary Professionals. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 729159	3.1	1
89	Rethinking the uncertainty of African swine fever virus contamination in feed ingredients and risk of introduction into the United States. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> ,	4.2	1
88	Risk of Introduction of Classical Swine Fever Into the State of Mato Grosso, Brazil. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 647838	3.1	
87	Genetic variability of influenza A virus in pigs at weaning in Midwestern United States swine farms. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 62-75	4.2	4
86	Modelling the effect of test-and-slaughter strategies to control bovine tuberculosis in endemic high prevalence herds. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 1205-1215	4.2	1
85	Effect of influenza A virus sow vaccination on infection in pigs at weaning: A prospective longitudinal study. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 183-193	4.2	2
84	Risk for African Swine Fever Introduction Into Kazakhstan. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 605910	3.1	4
83	, a Novel Approach to Mitigate the Risk and Impact of African Swine Fever in Affected Areas.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 812876	3.1	3
82	Choosing awareness over fear: Risk analysis and free trade support global food security. <i>Global Food Security</i> , <b>2020</b> , 26, 100445	8.3	3
81	Global emergence and evolutionary dynamics of bluetongue virus. <i>Scientific Reports</i> , <b>2020</b> , 10, 21677	4.9	7
80	Lessons Learned From the Stakeholder Engagement in Research: Application of Spatial Analytical Tools in One Health Problems. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 254	3.1	2
79	An Introductory Framework for Choosing Spatiotemporal Analytical Tools in Population-Level Eco-Epidemiological Research. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 339	3.1	4
78	Prevalence and trend analysis of antimicrobial resistance in clinical <i>Escherichia coli</i> isolates collected from diseased pigs in the USA between 2006 and 2016. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 1930	4.2	10

77	The role of African buffalo in the epidemiology of foot-and-mouth disease in sympatric cattle and buffalo populations in Kenya. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 2206	4.2	5
76	Comparing serotyping with whole-genome sequencing for subtyping of non-typhoidal : a large-scale analysis of 37 serotypes with a public health impact in the USA. <i>Microbial Genomics</i> , <b>2020</b> , 6,	4.4	6
75	Prevalence and time trend analysis of antimicrobial resistance in respiratory bacterial pathogens collected from diseased pigs in USA between 2006-2016. <i>Research in Veterinary Science</i> , <b>2020</b> , 128, 135-144	2.5	8
74	Transmission of Multidrug-Resistant Salmonella enterica Subspecies enterica 4,[5],12:i:- Sequence Type 34 between Europe and the United States. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 3034-3038	10.2	7
73	Genetic Determinants of Resistance to Extended-Spectrum Cephalosporin and Fluoroquinolone in Escherichia coli Isolated from Diseased Pigs in the United States. <i>MSphere</i> , <b>2020</b> , 5,	5	8
72	Genetic Diversity of Circulating Foot and Mouth Disease Virus in Uganda Cross-Sectional Study During 2014-2017. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 162	3.1	4
71	Modeling the Accuracy of Two Bovine Tuberculosis Tests Using a Bayesian Approach. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 261	3.1	5
70	Detection of Influenza a Virus in Swine Nasal Swab Samples With a Wash-Free Magnetic Bioassay and a Handheld Giant Magnetoresistance Sensing System. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1077	5.7	34
69	Effect of strain-specific maternally-derived antibodies on influenza A virus infection dynamics in nursery pigs. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210700	3.7	12
68	Spatial modelling for low pathogenicity avian influenza virus at the interface of wild birds and backyard poultry. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 1493-1505	4.2	8
67	Revisiting area risk classification of visceral leishmaniasis in Brazil. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 2	4	6
66	Serological and phylogenetic characterization of foot and mouth disease viruses from Uganda during cross-sectional surveillance study in cattle between 2014 and 2017. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 2011-2024	4.2	11
65	Mapping changes in the spatiotemporal distribution of lumpy skin disease virus. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 2045-2057	4.2	11
64	Comparison of spatiotemporal patterns of historic natural Anthrax outbreaks in Minnesota and Kazakhstan. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217144	3.7	6
63	Phylogeographical and cross-species transmission dynamics of SAT1 and SAT2 foot-and-mouth disease virus in Eastern Africa. <i>Molecular Ecology</i> , <b>2019</b> , 28, 2903-2916	5.7	13
62	Quantitative Risk Assessment of Foot-and-Mouth Disease (FMD) Virus Introduction Into the FMD-Free Zone Without Vaccination of Argentina Through Legal and Illegal Trade of Bone-in Beef and Unvaccinated Susceptible Species. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 78	3.1	5
61	Circulation of Plasmids Harboring Resistance Genes to Quinolones and/or Extended-Spectrum Cephalosporins in Multiple Serotypes from Swine in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	10
60	Individual or Common Good? Voluntary Data Sharing to Inform Disease Surveillance Systems in Food Animals. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 194	3.1	18

59	Bayesian Assessment of the Accuracy of a PCR-Based Rapid Diagnostic Test for Bovine Tuberculosis in Swine. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 204	3.1	2
58	Spatial distribution and risk factors for foot and mouth disease virus in Uganda: Opportunities for strategic surveillance. <i>Preventive Veterinary Medicine</i> , <b>2019</b> , 171, 104766	3.1	10
57	Risk of African swine fever virus introduction into the United States through smuggling of pork in air passenger luggage. <i>Scientific Reports</i> , <b>2019</b> , 9, 14423	4.9	24
56	Assessment of the sensitivity of the bovine tuberculosis eradication program in a high prevalence region of Spain using scenario tree modeling. <i>Preventive Veterinary Medicine</i> , <b>2019</b> , 173, 104800	3.1	7
55	Association between results of diagnostic tests for bovine tuberculosis and Johne's disease in cattle. <i>Veterinary Record</i> , <b>2019</b> , 185, 693	0.9	3
54	Analysis of the cattle movement network and its association with the risk of bovine tuberculosis at the farm level in Castilla y Leon, Spain. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 327-340	4.2	9
53	Role of animal movement and indirect contact among farms in transmission of porcine epidemic diarrhea virus. <i>Epidemics</i> , <b>2018</b> , 24, 67-75	5.1	32
52	Bayesian estimation of ELISA and gamma interferon test accuracy for the detection of bovine tuberculosis in caudal fold test-negative dairy cattle in Kuwait. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2018</b> , 30, 468-470	1.5	3
51	Nanotechnology: Review of concepts and potential application of sensing platforms in food safety. <i>Food Microbiology</i> , <b>2018</b> , 75, 47-54	6	93
50	Understanding Q Fever Risk to Humans in Minnesota Through the Analysis of Spatiotemporal Trends. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2018</b> , 18, 89-95	2.4	3
49	Salmonella enterica Serotype 4,[5],12:i:- in Swine in the United States Midwest: An Emerging Multidrug-Resistant Clade. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 66, 877-885	11.6	50
48	Production Losses From an Endemic Animal Disease: Porcine Reproductive and Respiratory Syndrome (PRRS) in Selected Midwest US Sow Farms. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 102	3.1	7
47	Identifying individual animal factors associated with Mycobacterium avium subsp. paratuberculosis (MAP) milk ELISA positivity in dairy cattle in the Midwest region of the United States. <i>BMC Veterinary Research</i> , <b>2018</b> , 14, 28	2.7	7
46	Surveillance of porcine reproductive and respiratory syndrome virus in the United States using risk mapping and species distribution modeling. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 150, 135-142	3.1	15
45	Breed-to-wean farm factors associated with influenza A virus infection in piglets at weaning. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 161, 33-40	3.1	9
44	Evaluation of the Performance of the IDvet IFN-Gamma Test for Diagnosis of Bovine Tuberculosis in Spain. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 229	3.1	7
43	Time-series analysis for porcine reproductive and respiratory syndrome in the United States. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195282	3.7	14
42	Risk of Introduction of Bovine Tuberculosis (TB) Into TB-Free Herds in Southern Bahia, Brazil, Associated With Movement of Live Cattle. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 230	3.1	2

41	Epidemiological investigation of bovine tuberculosis outbreaks in Uruguay (2011-2013). <i>Preventive Veterinary Medicine</i> , <b>2017</b> , 138, 156-161	3.1	13
40	Spatial dynamics of porcine epidemic diarrhea (PED) spread in the southern Kyushu, Japan. <i>Preventive Veterinary Medicine</i> , <b>2017</b> , 144, 81-88	3.1	15
39	Portable GMR Handheld Platform for the Detection of Influenza A Virus. <i>ACS Sensors</i> , <b>2017</b> , 2, 1594-1601	3.2	71
38	Land altitude, slope, and coverage as risk factors for Porcine Reproductive and Respiratory Syndrome (PRRS) outbreaks in the United States. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172638	3.7	16
37	A Probability Co-Kriging Model to Account for Reporting Bias and Recognize Areas at High Risk for Zebra Mussels and Eurasian Watermilfoil Invasions in Minnesota. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 231	3.1	8
36	Optimal surveillance strategies for bovine tuberculosis in a low-prevalence country. <i>Scientific Reports</i> , <b>2017</b> , 7, 4140	4.9	20
35	Novel approaches for Spatial and Molecular Surveillance of Porcine Reproductive and Respiratory Syndrome Virus (PRRSv) in the United States. <i>Scientific Reports</i> , <b>2017</b> , 7, 4343	4.9	15
34	Using Machine Learning to Predict Swine Movements within a Regional Program to Improve Control of Infectious Diseases in the US. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 2	3.1	22
33	Semiquantitative Decision Tools for FMD Emergency Vaccination Informed by Field Observations and Simulated Outbreak Data. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 43	3.1	3
32	Estimation of Time-Dependent Reproduction Numbers for Porcine Reproductive and Respiratory Syndrome across Different Regions and Production Systems of the US. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 46	3.1	13
31	A Review of Quantitative Tools Used to Assess the Epidemiology of Porcine Reproductive and Respiratory Syndrome in U.S. Swine Farms Using Dr. Morrison's Swine Health Monitoring Program Data. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 94	3.1	4
30	Translating Big Data into Smart Data for Veterinary Epidemiology. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 110	3.1	25
29	Molecular Characterization and Cluster Analysis of Field Isolates of Avian Infectious Laryngotracheitis Virus from Argentina. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 212	3.1	10
28	Optisample™: Open web-based application to optimize sampling strategies for active surveillance activities at the herd level illustrated using Porcine Respiratory Reproductive Syndrome (PRRS). <i>PLoS ONE</i> , <b>2017</b> , 12, e0176863	3.7	2
27	Novel analytic tools for the study of porcine reproductive and respiratory syndrome virus (PRRSv) in endemic settings: lessons learned in the U.S. <i>Porcine Health Management</i> , <b>2016</b> , 2, 3	3.5	13
26	Network analysis of cattle movements in Uruguay: Quantifying heterogeneity for risk-based disease surveillance and control. <i>Preventive Veterinary Medicine</i> , <b>2016</b> , 123, 12-22	3.1	45
25	Spatial and temporal epidemiology of porcine epidemic diarrhea (PED) in the Midwest and Southeast regions of the United States. <i>Preventive Veterinary Medicine</i> , <b>2016</b> , 123, 155-160	3.1	29
24	Epidemiological factors associated to spread of porcine epidemic diarrhea in Japan. <i>Preventive Veterinary Medicine</i> , <b>2016</b> , 123, 161-167	3.1	34

23	Applications of Bayesian Phylodynamic Methods in a Recent U.S. Porcine Reproductive and Respiratory Syndrome Virus Outbreak. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 67	5.7	42
22	Giant Magnetoresistance-based Biosensor for Detection of Influenza A Virus. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 400	5.7	98
21	Transmission of Foot-and-Mouth Disease SAT2 Viruses at the Wildlife-Livestock Interface of Two Major Transfrontier Conservation Areas in Southern Africa. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 528	5.7	16
20	Serotypes and Antimicrobial Resistance in Salmonella enterica Recovered from Clinical Samples from Cattle and Swine in Minnesota, 2006 to 2015. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168016	3.7	42
19	Measuring Progress on the Control of Porcine Reproductive and Respiratory Syndrome (PRRS) at a Regional Level: The Minnesota N212 Regional Control Project (Rcp) as a Working Example. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149498	3.7	11
18	Monitoring the Spread of Swine Enteric Coronavirus Diseases in the United States in the Absence of a Regulatory Framework. <i>Frontiers in Veterinary Science</i> , <b>2016</b> , 3, 18	3.1	7
17	Parameter Values for Epidemiological Models of Foot-and-Mouth Disease in Swine. <i>Frontiers in Veterinary Science</i> , <b>2016</b> , 3, 44	3.1	19
16	Phylogeographic analysis of the 2000-2002 foot-and-mouth disease epidemic in Argentina. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 41, 93-99	4.5	1
15	Association between Influenza A Virus Infection and Pigs Subpopulations in Endemically Infected Breeding Herds. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129213	3.7	25
14	Association of the presence of influenza A virus and porcine reproductive and respiratory syndrome virus in sow farms with post-weaning mortality. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 121, 240-5	3.1	12
13	Effect of the inoculation site of bovine purified protein derivative (PPD) on the skin fold thickness increase in cattle from officially tuberculosis free and tuberculosis-infected herds. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 121, 86-92	3.1	12
12	Past, Present, and Future of Veterinary Epidemiology and Economics: One Health, Many Challenges, No Silver Bullets. <i>Frontiers in Veterinary Science</i> , <b>2015</b> , 2, 60	3.1	9
11	Mycobacterium bovis infection in a horse with granulomatous enterocolitis. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2015</b> , 27, 203-5	1.5	7
10	Impact of porcine epidemic diarrhea on performance of growing pigs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120532	3.7	48
9	Comparison between the 2013-2014 and 2009-2012 annual porcine reproductive and respiratory syndrome virus epidemics in a cohort of sow herds in the United States. <i>Canadian Veterinary Journal</i> , <b>2015</b> , 56, 1087-9	0.5	14
8	Comparison of intervention methods for reducing human exposure to Mycobacterium bovis through milk in pastoralist households of Tanzania. <i>Preventive Veterinary Medicine</i> , <b>2014</b> , 115, 157-65	3.1	13
7	Bovine tuberculosis: within-herd transmission models to support and direct the decision-making process. <i>Research in Veterinary Science</i> , <b>2014</b> , 97 Suppl, S61-8	2.5	19
6	Spatial dynamics of bovine tuberculosis in the Autonomous Community of Madrid, Spain (2010-2012). <i>PLoS ONE</i> , <b>2014</b> , 9, e115632	3.7	14

5	Genetic diversity of PRRS virus collected from air samples in four different regions of concentrated swine production during a high incidence season. <i>Viruses</i> , <b>2014</b> , 6, 4424-36	6.2	14
4	Risk factors associated with negative in-vivo diagnostic results in bovine tuberculosis-infected cattle in Spain. <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 14	2.7	24
3	Evaluation of the sensitivity and specificity of bovine tuberculosis diagnostic tests in naturally infected cattle herds using a Bayesian approach. <i>Veterinary Microbiology</i> , <b>2012</b> , 155, 38-43	3.3	62
2	Visualization and analysis of the Danish 2006 highly pathogenic avian influenza virus H5N1 wild bird surveillance data by a prototype avian influenza BioPortal. <i>Avian Diseases</i> , <b>2010</b> , 54, 433-9	1.6	12
1	Global Foot-and-Mouth Disease Surveillance Using BioPortal <b>2007</b> , 169-179		1