Beatriz MartÃ-nez-LÃ³pez

List of Publications by Year
in descending order

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78	1,466	361413 20	361022 35
papers	citations	h-index	g-index

80	80	80	1745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	African swine fever (ASF): Five years around Europe. Veterinary Microbiology, 2013, 165, 45-50.	1.9	142
2	Crossing the Interspecies Barrier: Opening the Door to Zoonotic Pathogens. PLoS Pathogens, 2014, 10, e1004129.	4.7	135
3	Risk of African swine fever introduction into the European Union through transport-associated routes: returning trucks and waste from international ships and planes. BMC Veterinary Research, 2012, 8, 149.	1.9	81
4	Introduction of African Swine Fever into the European Union through Illegal Importation of Pork and Pork Products. PLoS ONE, 2013, 8, e61104.	2.5	77
5	Unraveling the contact patterns and network structure of pig shipments in the United States and its association with porcine reproductive and respiratory syndrome virus (PRRSV) outbreaks. Preventive Veterinary Medicine, 2017, 138, 113-123.	1.9	62
6	Climate change and zoonoses: A review of the current status, knowledge gaps, and future trends. Acta Tropica, 2022, 226, 106225.	2.0	52
7	A Bayesian approach to study the risk variables for tuberculosis occurrence in domestic and wild ungulates in South Central Spain. BMC Veterinary Research, 2012, 8, 148.	1.9	49
8	Quantitative approach for the risk assessment of African swine fever and Classical swine fever introduction into the United States through legal imports of pigs and swine products. PLoS ONE, 2017, 12, e0182850.	2.5	45
9	Modular framework to assess the risk of African swine fever virus entry into the European Union. BMC Veterinary Research, 2014, 10, 145.	1.9	42
10	Risk of African swine fever virus introduction into the United States through smuggling of pork in air passenger luggage. Scientific Reports, 2019, 9, 14423.	3.3	40
11	Evaluation of the risk factors contributing to the African swine fever occurrence in Sardinia, Italy. Frontiers in Microbiology, 2015, 06, 314.	3.5	38
12	Wild and Domestic Pig Interactions at the Wildlifeâ€“Livestock Interface of Murchison Falls National Park, Uganda, and the Potential Association with African Swine Fever Outbreaks. Frontiers in Veterinary Science, 2016, 3, 31.	2.2	37
13	Spatial and Functional Organization of Pig Trade in Different European Production Systems: Implications for Disease Prevention and Control. Frontiers in Veterinary Science, 2016, 3, 4.	2.2	36
14	Motion-based video monitoring for early detection of livestock diseases: The case of African swine fever. PLoS ONE, 2017, 12, e0183793.	2.5	33
15	A community-based One Health education program for disease risk mitigation at the human-animal interface. One Health, 2018, 5, 9-20.	3.4	32
16	Spatially explicit modeling of animal tuberculosis at the wildlife-livestock interface in Ciudad Real province, Spain. Preventive Veterinary Medicine, 2016, 128, 101-111.	1.9	31
17	Modeling the live-pig trade network in Georgia: Implications for disease prevention and control. PLoS ONE, 2017, 12, e0178904.	2.5	29
18	Dynamic Network of Interactions in the Wildlife-Livestock Interface in Mediterranean Spain: An Epidemiological Point of View. Pathogens, 2020, 9, 120.	2.8	26

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19	Application of Species Distribution Modeling for Avian Influenza surveillance in the United States considering the North America Migratory Flyways. Scientific Reports, 2016, 6, 33161.	3.3	25
20	Identification of high risk areas for avian influenza outbreaks in California using disease distribution models. PLoS ONE, 2018, 13, e0190824.	2.5	24
21	Small-scale and backyard livestock owners needs assessment in the western United States. PLoS ONE, 2019, 14, e0212372.	2.5	23
22	Modeling the spatio-temporal dynamics of porcine reproductive & respiratory syndrome cases at farm level using geographical distance and pig trade network matrices. BMC Veterinary Research, 2017, 13, 163.	1.9	22
23	Descriptive and multivariate analysis of the pig sector in Georgia and its implications for disease transmission. PLoS ONE, 2018, 13, e0202800.	2.5	21
24	Evaluation of the risk of classical swine fever (CSF) spread from backyard pigs to other domestic pigs by using the spatial stochastic disease spread model Be-FAST: The example of Bulgaria. Veterinary Microbiology, 2013, 165, 79-85.	1.9	20
25	Malaria epidemiology in Suriname from 2000 to 2016: trends, opportunities and challenges for elimination. Malaria Journal, 2018, 17, 418.	2.3	20
26	Could African swine fever and classical swine fever viruses enter into the United States via swine products carried in air passengersâ€™ luggage?. Transboundary and Emerging Diseases, 2019, 66, 166-180.	3.0	20
27	One Health profile of a community at the wildlife-domestic animal interface, Mpumalanga, South Africa. Preventive Veterinary Medicine, 2016, 130, 119-128.	1.9	19
28	Effects of temperature on Veronaea botryosa infections in white sturgeon Acipenser transmontanus and fungal induced cytotoxicity of fish cell lines. Veterinary Research, 2018, 49, 11.	3.0	17
29	Prediction of Pig Trade Movements in Different European Production Systems Using Exponential Random Graph Models. Frontiers in Veterinary Science, 2017, 4, 27.	2.2	16
30	Evaluation of the spatial patterns and risk factors, including backyard pigs, for classical swine fever occurrence in Bulgaria using a Bayesian model. Geospatial Health, 2014, 8, 489.	0.8	15
31	Evaluation of the spatial and temporal distribution of and risk factors for Bluetongue serotype 1 epidemics in sheep Extremadura (Spain), 2007â€“2011. Preventive Veterinary Medicine, 2014, 116, 279-295.	1.9	14
32	The Use of Spatial and Spatiotemporal Modeling for Surveillance of H5N1 Highly Pathogenic Avian Influenza in Poultry in the Middle East. Avian Diseases, 2016, 60, 146-155.	1.0	14
33	Application of network analysis and cluster analysis for better prevention and control of swine diseases in Argentina. PLoS ONE, 2020, 15, e0234489.	2.5	13
34	Quantitative risk assessment of the African swine fever introduction into the Republic of Korea via legal import of live pigs and pig products. Transboundary and Emerging Diseases, 2021, 68, 385-396.	3.0	13
35	Foot-and-Mouth Disease Space-Time Clusters and Risk Factors in Cattle and Buffalo in Bangladesh. Pathogens, 2020, 9, 423.	2.8	12
36	Molecular Evolution of Porcine Reproductive and Respiratory Syndrome Virus Field Strains from Two Swine Production Systems in the Midwestern United States from 2001 to 2020. Microbiology Spectrum, 2022, 10, e0263421.	3.0	12

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37	Application of exponential random graph models to determine nomadic herdersâ€™ movements in Senegal. Transboundary and Emerging Diseases, 2019, 66, 1642-1652.	3.0	11
38	A stochastic network-based model to simulate the spread of pancreas disease (PD) in the Norwegian salmon industry based on the observed vessel movements and seaway distance between marine farms. Preventive Veterinary Medicine, 2019, 167, 174-181.	1.9	10
39	Risk factors for bacterial zoonotic pathogens in acutely febrile patients in Mpumalanga Province, South Africa. Zoonoses and Public Health, 2019, 66, 458-469.	2.2	9
40	Distribution and Prevalence of Myxobolus cerebralis in Postfire Areas of Plumas National Forest: Utility of Environmental <scp>DNA</scp> Sampling. Journal of Aquatic Animal Health, 2018, 30, 130-143.	1.4	8
41	Fruit bats in flight: a look into the movements of the ecologically important Eidolon helvum in Tanzania. One Health Outlook, 2020, 2, 16.	3.4	8
42	Network Analysis of Swine Shipments in China: The First Step to Inform Disease Surveillance and Risk Mitigation Strategies. Frontiers in Veterinary Science, 2020, 7, 189.	2.2	8
43	Descriptive and Multivariate Analysis of the Pig Sector in North Macedonia and Its Implications for African Swine Fever Transmission. Frontiers in Veterinary Science, 2021, 8, 733157.	2.2	8
44	Validation of environmental DNA sampling for determination of Ceratonova shasta (Cnidaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.6	7
45	Improved Broth Microdilution Method for Antimicrobial Susceptibility Testing ofFrancisella Noatunensis Orientalis. Journal of Aquatic Animal Health, 2016, 28, 199-207.	1.4	6
46	Fine-scale tracking of wild waterfowl and their impact on highly pathogenic avian influenza outbreaks in the Republic of Korea, 2014â€“2015. Scientific Reports, 2020, 10, 18631.	3.3	6
47	Peste des Petits Ruminants Risk Factors and Space-Time Clusters in Bangladesh. Frontiers in Veterinary Science, 2020, 7, 572432.	2.2	6
48	An advection-deposition-survival model to assess the risk of introduction of vector-borne diseases through the wind: Application to bluetongue outbreaks in Spain. PLoS ONE, 2018, 13, e0194573.	2.5	6
49	Impact of social distancing on early SARSâ€CoVâ€2 transmission in the United States. Zoonoses and Public Health, 2022, 69, 746-756.	2.2	6
50	Characterization of the Temporal Trends in the Rate of Cattle Carcass Condemnations in the US and Dynamic Modeling of the Condemnation Reasons in California With a Seasonal Component. Frontiers in Veterinary Science, 2018, 5, 87.	2.2	5
51	Applications of Machine Learning for the Classification of Porcine Reproductive and Respiratory Syndrome Virus Sublineages Using Amino Acid Scores of ORF5 Gene. Frontiers in Veterinary Science, 2021, 8, 683134.	2.2	5
52	Genomeâ€informed characterisation of antigenic drift in the haemagglutinin gene of equine influenza strains circulating in the United States from 2012 to 2017. Transboundary and Emerging Diseases, 2021, , .	3.0	5
53	Can biosecurity and local network properties predict pathogen species richness in the salmonid industry?. PLoS ONE, 2018, 13, e0191680.	2.5	5
54	Spatial Patterns and Impacts of Environmental and Climatic Factors on Canine Sinonasal Aspergillosis in Northern California. Frontiers in Veterinary Science, 2017, 4, 104.	2.2	4

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55	Tuberculosis Prevalence Among US Crop-Workers, 2000 to 2012. Journal of Occupational and Environmental Medicine, 2018, 60, 603-611.	1.7	3
56	Fine scale infectious disease modeling using satellite-derived data. Scientific Reports, 2021, 11, 6946.	3.3	3
57	Global subtype diversity, spatial distribution patterns, and phylogenetic analysis of avian influenza virus in water. Transboundary and Emerging Diseases, 2021, , .	3.0	3
58	Epidemiological evaluation of cat health at a first-response animal shelter in Fukushima, following the Great East Japan Earthquakes of 2011. PLoS ONE, 2017, 12, e0174406.	2.5	3
59	Identifying Associations in Minimum Inhibitory Concentration Values of Escherichia coli Samples Obtained From Weaned Dairy Heifers in California Using Bayesian Network Analysis. Frontiers in Veterinary Science, 2022, 9, 771841.	2.2	3
60	Accessibility to rabies centers and human rabies post-exposure prophylaxis rates in Cambodia: A Bayesian spatio-temporal analysis to identify optimal locations for future centers. PLoS Neglected Tropical Diseases, 2022, 16, e0010494.	3.0	3
61	Genetic Diversity of Cyprinid Herpesvirus 3 from Different Geographical Locations during 1999â€“2019 in the United States of America. Journal of Aquatic Animal Health, 2020, 32, 50-56.	1.4	2
62	Investigation of crossâ€regional spread and evolution of equine influenza H3N8 at US and global scales using Bayesian phylogeography based on balanced subsampling. Transboundary and Emerging Diseases, 2022, 69, .	3.0	2
63	Identification of high-risk contact areas between feral pigs and outdoor-raised pig operations in California: Implications for disease transmission in the wildlife-livestock interface. PLoS ONE, 2022, 17, e0270500.	2.5	2
64	Epidemiological Evaluation of Dogs Rescued in the Fukushima Prefecture Following the Great East Japan Earthquakes of 2011. Prehospital and Disaster Medicine, 2018, 33, 478-483.	1.3	1
65	Editorial: Novel Approaches to Assess Disease Dynamics at the Wildlife Livestock Interface. Frontiers in Veterinary Science, 2019, 6, 409.	2.2	1
66	Slowdown in the Decline of Tuberculosis Rates in California, 2000â€“2016. American Journal of Public Health, 2019, 109, 306-312.	2.7	1
67	Data-Driven Network Modeling as a Framework to Evaluate the Transmission of Piscine Myocarditis Virus (PMCV) in the Irish Farmed Atlantic Salmon Population and the Impact of Different Mitigation Measures. Frontiers in Veterinary Science, 2020, 7, 385.	2.2	1
68	Evaluating the association between climatic factors and sheep condemnations in the United States using cluster analysis and spatio-temporal modeling. Preventive Veterinary Medicine, 2021, 191, 105342.	1.9	1
69	Risk Assessment of Human Consumption of Meat From Fenbendazole-Treated Pheasants. Frontiers in Veterinary Science, 2021, 8, 665357.	2.2	1
70	Quantifying Transmission Between Wild and Domestic Populations. Wildlife Research Monographs, 2021, , 369-409.	0.9	1
71	Pilot Study: Correlation of the Surface Skin Temperature Between the Leg and Foot Using Thermographic Imaging in Captive Hawks. , 2020, 34, 164.		1
72	Spatio-Temporal PRRS Epidemic Forecasting via Factorized Deep Generative Modeling. , 2022, , .		1

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73	Epidemiological Evaluation of Cat Health at a First-response Animal Shelter in Fukushima, following the Great East Japan Earthquakes of 2011. Prehospital and Disaster Medicine, 2017, 32, S246-S247.	1.3	0
74	Spatialâ€Markâ€Resight Model to Estimate Raccoon Abundance in Yosemite Valley, California. Wildlife Society Bulletin, 2021, 45, 206-214.	0.8	0
75	Title is missing!. , 2020, 15, e0234489.		0
76	Title is missing!. , 2020, 15, e0234489.		0
77	Title is missing!. , 2020, 15, e0234489.		0
78	Title is missing!. , 2020, 15, e0234489.		0