Natalia Cernicchiaro

List of Publications by Year
in descending order

75 papers	1,231 citations	393982 19 h-index	414034 32 g-index
75 all docs	75 docs citations	75 times ranked	1357 citing authors

#	Article	IF	Citations
1	Metagenomic characterization of the virome associated with bovine respiratory disease in feedlot cattle identified novel viruses and suggests an etiologic role for influenza D virus. Journal of General Virology, 2016, 97, 1771-1784.	1.3	136
2	Summer and Winter Prevalence of Shiga Toxinâ€"Producing Escherichia coli (STEC) O26, O45, O103, O111, O121, O145, and O157 in Feces of Feedlot Cattle. Foodborne Pathogens and Disease, 2015, 12, 726-732.	0.8	75
3	Evaluation of a Rapid Fecal PCR Test for Detection of Mycobacterium avium subsp. paratuberculosis in Dairy Cattle. Vaccine Journal, 2006, 13, 1125-1130.	3.2	74
4	A Comparison of Culture- and PCR-Based Methods to Detect Six Major Non-O157 Serogroups of Shiga Toxin-Producing Escherichia coli in Cattle Feces. PLoS ONE, 2015, 10, e0135446.	1.1	53
5	Evaluation of economic and performance outcomes associated with the number of treatments after an initial diagnosis of bovine respiratory disease in commercial feeder cattle. American Journal of Veterinary Research, 2013, 74, 300-309.	0.3	51
6	Prevalence of Shiga Toxinâ€"Producing Escherichia coli and Associated Virulence Genes in Feces of Commercial Feedlot Cattle. Foodborne Pathogens and Disease, 2013, 10, 835-841.	0.8	47
7	Association of Wild Bird Density and Farm Management Factors with the Prevalence of E.Âcoli O157 in Dairy Herds in Ohio (2007â€"2009). Zoonoses and Public Health, 2012, 59, 320-329.	0.9	38
8	Precision and accuracy of clinical illness scores, compared with pulmonary consolidation scores, in Holstein calves with experimentally induced Mycoplasma bovis pneumonia. American Journal of Veterinary Research, 2013, 74, 310-315.	0.3	37
9	Prevalence of Enterohemorrhagic Escherichia coli O26, O45, O103, O111, O121, O145, and O157 on Hides and Preintervention Carcass Surfaces of Feedlot Cattle at Harvest. Foodborne Pathogens and Disease, 2015, 12, 631-638.	0.8	36
10	A multiplex real-time PCR assay, based on inv A and pag C genes, for the detection and quantification of Salmonella enterica from cattle lymph nodes. Journal of Microbiological Methods, 2018, 148, 110-116.	0.7	34
11	Prevalence of Zoonotic Bacteria in Wild and Farmed Aquatic Species and Seafood: A Scoping Study, Systematic Review, and Meta-analysis of Published Research. Foodborne Pathogens and Disease, 2012, 9, 487-497.	0.8	33
12	Evaluation of Salmonella presence in selected United States feed mills. MicrobiologyOpen, 2019, 8, e00711.	1.2	30
13	Prevalence and concentration of Escherichia coli O157 in different seasons and cattle types processed in North America: A systematic review and meta-analysis of published research. Preventive Veterinary Medicine, 2015, 121, 74-85.	0.7	29
14	A Four-Plex Real-Time PCR Assay, Based onrfbE,stx1,stx2, andeaeGenes, for the Detection and Quantification of Shiga Toxinâ€"ProducingEscherichia coliO157 in Cattle Feces. Foodborne Pathogens and Disease, 2015, 12, 787-794.	0.8	29
15	Evaluation of the effects of colostrum replacer supplementation of the milk replacer ration on the occurrence of disease, antibiotic therapy, and performance of pre-weaned dairy calves. Journal of Dairy Science, 2017, 100, 1378-1387.	1.4	28
16	A Randomized Controlled Trial to Assess the Impact of Dietary Energy Sources, Feed Supplements, and the Presence of Super-Shedders on the Detection of Escherichia coli O157:H7 in Feedlot Cattle Using Different Diagnostic Procedures. Foodborne Pathogens and Disease, 2010, 7, 1071-1081.	0.8	26
17	Presence of pathogenic Escherichia coli is correlated with bacterial community diversity and composition on pre-harvest cattle hides. Microbiome, 2016, 4, 9.	4.9	25
18	Feedlot- and Pen-Level Prevalence of Enterohemorrhagic Escherichia coli in Feces of Commercial Feedlot Cattle in Two Major U.S. Cattle Feeding Areas. Foodborne Pathogens and Disease, 2017, 14, 309-317.	0.8	23

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19	Escherichia coli O104 in Feedlot Cattle Feces: Prevalence, Isolation and Characterization. PLoS ONE, 2016, 11, e0152101.	1.1	22
20	Meta-analyses of the proportion of Japanese encephalitis virus infection in vectors and vertebrate hosts. Parasites and Vectors, 2017, 10, 418.	1.0	22
21	Ceftiofur formulation differentially affects the intestinal drug concentration, resistance of fecal Escherichia coli, and the microbiome of steers. PLoS ONE, 2019, 14, e0223378.	1.1	21
22	Assessment of data on vector and host competence for Japanese encephalitis virus: A systematic review of the literature. Preventive Veterinary Medicine, 2018, 154, 71-89.	0.7	20
23	Performance of multiple diagnostic methods in assessing the progression of bovine respiratory disease in calves challenged with infectious bovine rhinotracheitis virus and Mannheimia haemolytica1. Journal of Animal Science, 2019, 97, 2357-2367.	0.2	19
24	Assessment of Diagnostic Tools for Identifying Cattle Shedding and Super-SheddingEscherichia coliO157:H7 in a Longitudinal Study of Naturally Infected Feedlot Steers in Ohio. Foodborne Pathogens and Disease, 2011, 8, 239-248.	0.8	17
25	Prevalence and Level of Enterohemorrhagic Escherichia coli in Culled Dairy Cows at Harvest. Journal of Food Protection, 2016, 79, 421-431.	0.8	17
26	Perspectives Regarding the Risk of Introduction of the Japanese Encephalitis Virus (JEV) in the United States. Frontiers in Veterinary Science, 2020, 7, 48.	0.9	17
27	The association between calfhood bovine respiratory disease complex and subsequent departure from the herd, milk production, and reproduction in dairy cattle. Journal of the American Veterinary Medical Association, 2016, 248, 1157-1164.	0.2	16
28	Meta-Analyses of Japanese Encephalitis Virus Infection, Dissemination, and Transmission Rates in Vectors. American Journal of Tropical Medicine and Hygiene, 2018, 98, 883-890.	0.6	16
29	Seasonal Presence of Salmonella spp., Salmonella Typhimurium and Its Monophasic Variant Serotype I 4,[5],12:i:-, in Selected United States Swine Feed Mills. Foodborne Pathogens and Disease, 2019, 16, 276-281.	0.8	15
30	Efficacy of aSalmonellaSiderophore Receptor Protein Vaccine on Fecal Shedding and Lymph Node Carriage ofSalmonellain Commercial Feedlot Cattle. Foodborne Pathogens and Disease, 2016, 13, 517-525.	0.8	14
31	Introduction of the Japanese encephalitis virus (<scp>JEV</scp>) in the United States â€“ A qualitative risk assessment. Transboundary and Emerging Diseases, 2019, 66, 1558-1574.	1.3	12
32	Pooling of Immunomagnetic Separation Beads Does Not Affect Detection Sensitivity of Six Major Serogroups of Shiga Toxinâ€“Producing Escherichia coli in Cattle Feces. Journal of Food Protection, 2016, 79, 59-65.	0.8	11
33	A Randomized Trial to Assess the Effect of Fluoroquinolone Metaphylaxis on the Fecal Prevalence and Quinolone Susceptibilities of Salmonella and Campylobacter in Feedlot Cattle. Foodborne Pathogens and Disease, 2017, 14, 600-607.	0.8	11
34	A quantitative risk assessment (QRA) of the risk of introduction of the Japanese encephalitis virus (JEV) in the United States via infected mosquitoes transported in aircraft and cargo ships. Preventive Veterinary Medicine, 2018, 160, 1-9.	0.7	11
35	Understanding Factors Influencing Dog Owners' Intention to Vaccinate Against Rabies Evaluated Using Health Belief Model Constructs. Frontiers in Veterinary Science, 2018, 5, 159.	0.9	11
36	Prevalence and Quinolone Susceptibilities of Salmonella Isolated from the Feces of Preharvest Cattle Within Feedlots that Used a Fluoroquinolone to Treat Bovine Respiratory Disease. Foodborne Pathogens and Disease, 2016, 13, 303-308.	0.8	10

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37	Japanese Encephalitis Virus: Placing Disease Vectors in the Epidemiologic Triad. Annals of the Entomological Society of America, 2018, , .	1.3	10
38	Bayesian estimation of true prevalence, sensitivity and specificity of three diagnostic tests for detection of Escherichia coli O157 in cattle feces. Preventive Veterinary Medicine, 2017, 148, 21-27.	0.7	9
39	Quantification of Bacteria Indicative of Fecal and Environmental Contamination from Hides to Carcasses. Foodborne Pathogens and Disease, 2019, 16, 844-855.	0.8	9
40	Longitudinal Characterization of Prevalence and Concentration of Shiga Toxinâ€“Producing Escherichia coli Serogroups in Feces of Individual Feedlot Cattle. Foodborne Pathogens and Disease, 2020, 17, 631-639.	0.8	9
41	Unbiased Approaches for Reviewing Entomology Literature: A Systematized Review. Annals of the Entomological Society of America, 2021, 114, 229-246.	1.3	8
42	Identification, Shiga toxin subtypes and prevalence of minor serogroups of Shiga toxin-producing Escherichia coli in feedlot cattle feces. Scientific Reports, 2021, 11, 8601.	1.6	8
43	Impact of One-Health framework on vaccination cost-effectiveness: A case study of rabies in Ethiopia. One Health, 2019, 8, 100103.	1.5	7
44	Implementing structural equation models to observational data from feedlot production systems. Preventive Veterinary Medicine, 2017, 147, 163-171.	0.7	6
45	Spiral Plating Method To Quantify the Six Major Non-O157 Escherichia coli Serogroups in Cattle Feces. Journal of Food Protection, 2017, 80, 848-856.	0.8	6
46	Association between antimicrobial drug class selection for treatment and retreatment of bovine respiratory disease and health, performance, and carcass quality outcomes in feedlot cattle. Journal of Animal Science, 2020, 98, .	0.2	6
47	Cantaloupe Facilitates Salmonella Typhimurium Survival Within and Transmission Among Adult House Flies (Musca domestica L.). Foodborne Pathogens and Disease, 2021, 18, 49-55.	0.8	6
48	Basic Reproduction Number and Transmission Dynamics of Common Serogroups of Enterohemorrhagic Escherichia coli. Applied and Environmental Microbiology, 2016, 82, 5612-5620.	1.4	5
49	Preliminary evaluation of diagnostic accuracy and precision of a competitive ELISA for detection of antibodies to Rift Valley fever virus in cattle and sheep sera. Journal of Virological Methods, 2018, 262, 6-11.	1.0	5
50	Evaluation of a 3â€dimensional ultrasound device for noninvasive measurement of urinary bladder volume in dogs. Journal of Veterinary Internal Medicine, 2020, 34, 1488-1495.	0.6	5
51	Associations Between Season, Processing Plant, and Hide Cleanliness Scores with Prevalence and Concentration of Major Shiga Toxinâ€“Producing Escherichia coli on Beef Cattle Hides. Foodborne Pathogens and Disease, 2020, 17, 611-619.	0.8	5
52	Performance of Chromogenic Agar Media for Isolation of Shiga Toxinâ€“Producing Escherichia coli from Ground Beef. Journal of Food Protection, 2020, 83, 1149-1154.	0.8	5
53	Bayesian estimation of sensitivity and specificity of culture- and PCR-based methods for the detection of six major non-O157 Escherichia coli serogroups in cattle feces. Preventive Veterinary Medicine, 2018, 161, 90-99.	0.7	4
54	A systematic review and meta-analysis of published literature on prevalence of non-O157 Shiga toxin-producing Escherichia coli serogroups (O26, O45, O103, O111, O121, and O145) and virulence genes in feces, hides, and carcasses of pre- and peri-harvest cattle worldwide. Animal Health Research Reviews, 2022, 23, 1-24.	1.4	4

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55	Effect of oral administration of meloxicam prior to transport on inflammatory mediators and leukoctye function of cattle at feedlot arrival. American Journal of Veterinary Research, 2017, 78, 1426-1436.	0.3	3
56	Campylobacter Prevalence and Quinolone Susceptibility in Feces of Preharvest Feedlot Cattle Exposed to Enrofloxacin for the Treatment of Bovine Respiratory Disease. Foodborne Pathogens and Disease, 2018, 15, 377-385.	0.8	3
57	Effectiveness of a Direct-Fed Microbial Product Containing Lactobacillus acidophilus and Lactobacillus casei in Reducing Fecal Shedding of Escherichia coli O157:H7 in Commercial Feedlot Cattle. Foodborne Pathogens and Disease, 2021, 18, 16-23.	0.8	3
58	Detecting and quantifying marijuana metabolites in serum and urine of 19 dogs affected by marijuana toxicity. Journal of Veterinary Diagnostic Investigation, 2021, 33, 1002-1007.	0.5	3
59	Weather conditions associated with death attributed to bovine respiratory disease complex in high-risk auction marketâ€“sourced male beef calves. American Journal of Veterinary Research, 2021, 82, 644-652.	0.3	3
60	Evaluation of specific immunoglobulin A in nasal secretions and neutralizing antibodies in serum collected at multiple time points from young beef calves following intranasal or subcutaneous administration of a modified-live bovine respiratory syncytial virus vaccine. American Journal of Veterinary Research, 2021, 82, 746-751.	0.3	3
61	Comparison data of a two-target real-time PCR assay with and without an internal control in detecting Salmonella enterica from cattle lymph nodes. Data in Brief, 2018, 18, 1819-1824.	0.5	2
62	The effects of pretransportation or arrival meloxicam administration to calves entering the feedlot on morbidity, biomarkers, performance, and carcass characteristics. Translational Animal Science, 2019, 3, 620-632.	0.4	2
63	A complete cross-over design evaluating canine acceptance of CarprieveÂ® and RimadylÂ® carprofen chewable tablets in healthy dogs. BMC Veterinary Research, 2019, 15, 394.	0.7	2
64	Mycobacterium aviumsubsp.paratuberculosis: an Unconventional Pathogen?. , 0, , 311-321.		1
65	Assessment of bovine respiratory disease progression in calves challenged with bovine herpesvirus 1 and Mannheimia haemolytica using point-of-care and laboratory-based blood leukocyte differential assays. Translational Animal Science, 2021, 5, txab200.	0.4	1
66	Association between Tulathromycin Treatment for Bovine Respiratory Disease and Antimicrobial Resistance Profiles among Gut Commensals and Foodborne Bacterial Pathogens Isolated from Feces of Beef Steers. Journal of Food Protection, 2022, 85, 1221-1231.	0.8	1
67	Economic assessments from experimental research trials of feedlot cattle health and performance: a scoping review. Translational Animal Science, 0, , .	0.4	1
68	Effect of vaccination of pregnant beef heifers on the concentrations of serum IgG and specific antibodies to bovine herpesvirus 1, bovine viral diarrhea virus 1, and bovine viral diarrhea virus 2 in heifers and calves. Canadian Journal of Veterinary Research, 2019, 83, 313-316.	0.2	0
69	In Vitro Infection Dynamics of Japanese Encephalitis Virus in Established Porcine Cell Lines. Pathogens, 2021, 10, 1468.	1.2	0
70	Title is missing!. , 2019, 14, e0223378.		0
71	Title is missing!. , 2019, 14, e0223378.		0
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