

# Tiruvoor G Nagaraja

## List of Publications by Citations

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161  
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174  
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5,248  
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L-index

#	Paper	IF	Citations
161	Ruminal acidosis in beef cattle: the current microbiological and nutritional outlook. <i>Journal of Dairy Science</i> , <b>2007</b> , 90 Suppl 1, E17-38	4	428
160	Rumen microbial population dynamics during adaptation to a high-grain diet. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 7482-90	4.8	400
159	Liver abscesses in feedlot cattle: a review. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 287-98	0.7	210
158	Ruminal microbial and fermentative changes associated with experimentally induced subacute acidosis in steers. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 234-41	0.7	145
157	Fusobacterium necrophorum infections: virulence factors, pathogenic mechanism and control measures. <i>Veterinary Research Communications</i> , <b>1996</b> , 20, 113-40	2.9	137
156	Fusobacterium necrophorum infections in animals: pathogenesis and pathogenic mechanisms. <i>Anaerobe</i> , <b>2005</b> , 11, 239-46	2.8	101
155	Acidosis in feedlot cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2007</b> , 23, 333-50, viii-ix	4.6	97
154	A multiplex PCR procedure for the detection of six major virulence genes in Escherichia coli O157:H7. <i>Journal of Microbiological Methods</i> , <b>2010</b> , 82, 85-9	2.8	91
153	48 Evaluation of Antimicrobial Activities of Phytophenols Against Bacterial Pathogens That Cause Liver Abscesses in Feedlot Cattle. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 151-151	0.7	78
152	Applicability of a multiplex PCR to detect the seven major Shiga toxin-producing Escherichia coli based on genes that code for serogroup-specific O-antigens and major virulence factors in cattle feces. <i>Foodborne Pathogens and Disease</i> , <b>2012</b> , 9, 541-8	3.8	77
151	Liver abscesses in feedlot cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2007</b> , 23, 351-69, ix	4.6	73
150	Leukotoxins of gram-negative bacteria. <i>Veterinary Microbiology</i> , <b>2002</b> , 84, 337-56	3.3	70
149	Effect of lasalocid, monensin or thiopeptin on lactic acidosis in cattle. <i>Journal of Animal Science</i> , <b>1982</b> , 54, 649-58	0.7	70
148	Effect of virginiamycin on ruminal fermentation in cattle during adaptation to a high concentrate diet and during an induced acidosis. <i>Journal of Animal Science</i> , <b>1999</b> , 77, 2259-68	0.7	66
147	Applicability of a multiplex PCR to detect O26, O45, O103, O111, O121, O145, and O157 serogroups of Escherichia coli in cattle feces. <i>Veterinary Microbiology</i> , <b>2012</b> , 156, 381-8	3.3	62
146	Relationship of rumen gram-negative bacteria and free endotoxin to lactic acidosis in cattle. <i>Journal of Animal Science</i> , <b>1978</b> , 47, 1329-37	0.7	62
145	Bacteriologic and histologic studies of hepatic abscesses in cattle. <i>American Journal of Veterinary Research</i> , <b>1988</b> , 49, 58-62	1.1	60

144	Fusobacterium necrophorum: a ruminal bacterium that invades liver to cause abscesses in cattle. <i>Anaerobe</i> , <b>2009</b> , 15, 36-43	2.8	57
143	Prevention of lactic acidosis in cattle by lasalocid or monensin. <i>Journal of Animal Science</i> , <b>1981</b> , 53, 206-16.7		57
142	Dietary interactions and interventions affecting Escherichia coli O157 colonization and shedding in cattle. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 785-92	3.8	53
141	Efficacy of Escherichia coli O157:H7 siderophore receptor/porin proteins-based vaccine in feedlot cattle naturally shedding E. coli O157. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 893-9	3.8	53
140	Summer and Winter Prevalence of Shiga Toxin-Producing Escherichia coli (STEC) O26, O45, O103, O111, O121, O145, and O157 in Feces of Feedlot Cattle. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 726-32	3.8	51
139	Fusobacterium necrophorum leukotoxin induces activation and apoptosis of bovine leukocytes. <i>Infection and Immunity</i> , <b>2002</b> , 70, 4609-20	3.7	49
138	Liver abscesses in cattle: A review of incidence in Holsteins and of bacteriology and vaccine approaches to control in feedlot cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 1620-32	0.7	49
137	Selection of fecal enterococci exhibiting tcrB-mediated copper resistance in pigs fed diets supplemented with copper. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 5597-603	4.8	46
136	Associations between the presence and magnitude of Escherichia coli O157 in feces at harvest and contamination of preintervention beef carcasses. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 1761-7	2.5	46
135	Occurrence of the transferable copper resistance gene tcrB among fecal enterococci of U.S. feedlot cattle fed copper-supplemented diets. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 4369-75	4.8	45
134	A Comparison of Culture- and PCR-Based Methods to Detect Six Major Non-O157 Serogroups of Shiga Toxin-Producing Escherichia coli in Cattle Feces. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135446	3.7	44
133	Prevalence of Shiga toxin-producing Escherichia coli and associated virulence genes in feces of commercial feedlot cattle. <i>Foodborne Pathogens and Disease</i> , <b>2013</b> , 10, 835-41	3.8	41
132	Steam-rolled wheat diets for finishing cattle: effects of dietary roughage and feed intake on finishing steer performance and ruminal metabolism. <i>Journal of Animal Science</i> , <b>1990</b> , 68, 2130-41	0.7	41
131	Effects of chlortetracycline and copper supplementation on antimicrobial resistance of fecal Escherichia coli from weaned pigs. <i>Preventive Veterinary Medicine</i> , <b>2014</b> , 114, 231-46	3.1	39
130	Cloning, sequencing, and expression of the leukotoxin gene from Fusobacterium necrophorum. <i>Infection and Immunity</i> , <b>2001</b> , 69, 5447-55	3.7	38
129	Moderation of ruminal fermentation by ciliated protozoa in cattle fed a high-grain diet. <i>Applied and Environmental Microbiology</i> , <b>1992</b> , 58, 2410-4	4.8	38
128	Animal- and truckload-level associations between Escherichia coli O157:H7 in feces and on hides at harvest and contamination of previsceration beef carcasses. <i>Journal of Food Protection</i> , <b>2010</b> , 73, 1030-7.5		35
127	Factors affecting the leukotoxin activity of Fusobacterium necrophorum. <i>Veterinary Microbiology</i> , <b>1992</b> , 32, 15-28	3.3	34

126	Inclusion of dried or wet distillers grains at different levels in diets of feedlot cattle affects fecal shedding of <i>Escherichia coli</i> O157:H7. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 7238-42	4.8	33
125	Effects of feeding elevated concentrations of copper and zinc on the antimicrobial susceptibilities of fecal bacteria in feedlot cattle. <i>Foodborne Pathogens and Disease</i> , <b>2010</b> , 7, 643-8	3.8	32
124	Evidence of endotoxins in the rumen bacteria of cattle fed hay or grain. <i>Journal of Animal Science</i> , <b>1978</b> , 47, 226-34	0.7	32
123	Virulence Gene Profiles and Clonal Relationships of <i>Escherichia coli</i> O26:H11 Isolates from Feedlot Cattle as Determined by Whole-Genome Sequencing. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 3900-3912	4.8	31
122	Effect of ionophore antibiotics on experimentally induced lactic acidosis in cattle. <i>American Journal of Veterinary Research</i> , <b>1985</b> , 46, 2444-52	1.1	30
121	Biochemical and ribotypic comparison of <i>Actinomyces pyogenes</i> and <i>A. pyogenes</i> -like organisms from liver abscesses, ruminal wall, and ruminal contents of cattle. <i>American Journal of Veterinary Research</i> , <b>1998</b> , 59, 271-6	1.1	30
120	Biochemical and biological characterization of ruminal <i>Fusobacterium necrophorum</i> . <i>FEMS Microbiology Letters</i> , <b>1994</b> , 120, 81-6	2.9	29
119	Human <i>Fusobacterium necrophorum</i> strains have a leukotoxin gene and exhibit leukotoxic activity. <i>Journal of Medical Microbiology</i> , <b>2008</b> , 57, 225-231	3.2	28
118	Bacterial flora of liver abscesses in feedlot cattle fed tylosin or no tylosin. <i>Journal of Animal Science</i> , <b>1999</b> , 77, 973-8	0.7	28
117	Ruminal ciliated protozoa in cattle fed finishing diets with or without supplemental fat. <i>Journal of Animal Science</i> , <b>1990</b> , 68, 2150-5	0.7	28
116	Ribotyping to compare <i>Fusobacterium necrophorum</i> isolates from bovine liver abscesses, ruminal walls, and ruminal contents. <i>Applied and Environmental Microbiology</i> , <b>1997</b> , 63, 4671-8	4.8	28
115	Occurrence of <i>tcrB</i> , a transferable copper resistance gene, in fecal enterococci of swine. <i>Foodborne Pathogens and Disease</i> , <b>2010</b> , 7, 1089-97	3.8	27
114	Hepatic ultrasonography and blood changes in cattle with experimentally induced hepatic abscesses. <i>American Journal of Veterinary Research</i> , <b>1991</b> , 52, 803-9	1.1	27
113	Biological and biochemical characterization of <i>Fusobacterium necrophorum</i> leukotoxin. <i>American Journal of Veterinary Research</i> , <b>1994</b> , 55, 515-21	1.1	27
112	Selective enumeration of <i>Fusobacterium necrophorum</i> from the bovine rumen. <i>Applied and Environmental Microbiology</i> , <b>1994</b> , 60, 1387-9	4.8	26
111	A Four-Plex Real-Time PCR Assay, Based on <i>rfbE</i> , <i>stx1</i> , <i>stx2</i> , and <i>eae</i> Genes, for the Detection and Quantification of Shiga Toxin-Producing <i>Escherichia coli</i> O157 in Cattle Feces. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 787-94	3.8	25
110	Evaluation of feeding dried distillers grains with solubles and dry-rolled corn on the fecal prevalence of <i>Escherichia coli</i> O157:H7 and <i>Salmonella</i> spp. in cattle. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 145-53	3.8	25
109	Antimicrobial susceptibility of foodborne pathogens in organic or natural production systems: an overview. <i>Foodborne Pathogens and Disease</i> , <b>2008</b> , 5, 721-30	3.8	25

108	A multiplex real-time PCR assay, based on <i>invA</i> and <i>pagC</i> genes, for the detection and quantification of <i>Salmonella enterica</i> from cattle lymph nodes. <i>Journal of Microbiological Methods</i> , <b>2018</b> , 148, 110-116	2.8	23
107	Nutrition and disease. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>1998</b> , 14, 257-77	4.6	23
106	Dynamics of ruminal ciliated protozoa in feedlot cattle. <i>Applied and Environmental Microbiology</i> , <b>1990</b> , 56, 3174-8	4.8	23
105	<i>Escherichia coli</i> O26 in feedlot cattle: fecal prevalence, isolation, characterization, and effects of an <i>E. coli</i> O157 vaccine and a direct-fed microbial. <i>Foodborne Pathogens and Disease</i> , <b>2014</b> , 11, 186-93	3.8	22
104	Detection of <i>Escherichia coli</i> O104 in the feces of feedlot cattle by a multiplex PCR assay designed to target major genetic traits of the virulent hybrid strain responsible for the 2011 German outbreak. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 3522-5	4.8	22
103	Evaluation of a multiplex real-time polymerase chain reaction for the quantification of <i>Escherichia coli</i> O157 in cattle feces. <i>Foodborne Pathogens and Disease</i> , <b>2012</b> , 9, 79-85	3.8	21
102	Prevalence of <i>Escherichia coli</i> O157:H7 in gut contents of beef cattle at slaughter. <i>Foodborne Pathogens and Disease</i> , <b>2010</b> , 7, 249-55	3.8	21
101	Evaluation of culture methods to identify bovine feces with high concentrations of <i>Escherichia coli</i> O157. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 5253-60	4.8	21
100	Effects of chlortetracycline and copper supplementation on the prevalence, distribution, and quantity of antimicrobial resistance genes in the fecal metagenome of weaned pigs. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 119, 179-89	3.1	20
99	Shiga Toxin Subtypes of Non-O157 Serogroups Isolated from Cattle Feces. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 121	5.9	19
98	Immunogenicity and protective effects of truncated recombinant leukotoxin proteins of <i>Fusobacterium necrophorum</i> in mice. <i>Veterinary Microbiology</i> , <b>2003</b> , 93, 335-47	3.3	19
97	Endotoxin shock in calves from intravenous injection of rumen bacterial endotoxin. <i>Journal of Animal Science</i> , <b>1979</b> , 49, 567-82	0.7	19
96	Effects of in-feed copper and tylosin supplementations on copper and antimicrobial resistance in faecal enterococci of feedlot cattle. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 118, 1287-97	4.7	18
95	Effects of In-Feed Copper, Chlortetracycline, and Tylosin on the Prevalence of Transferable Copper Resistance Gene, <i>trcB</i> , Among Fecal Enterococci of Weaned Piglets. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 670-8	3.8	18
94	Multiplex Quantitative PCR Assays for the Detection and Quantification of the Six Major Non-O157 <i>Escherichia coli</i> Serogroups in Cattle Feces. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 66-74	2.5	18
93	Effect of <i>Fusobacterium necrophorum</i> leukotoxoid vaccine on susceptibility to experimentally induced liver abscesses in cattle. <i>Journal of Animal Science</i> , <b>1997</b> , 75, 1160-6	0.7	18
92	Genetic Diversity and Pathogenic Potential of Attaching and Effacing <i>Escherichia coli</i> O26:H11 Strains Recovered from Bovine Feces in the United States. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 3671-8	4.8	17
91	The two major subspecies of <i>Fusobacterium necrophorum</i> have distinct leukotoxin operon promoter regions. <i>Veterinary Microbiology</i> , <b>2006</b> , 112, 73-8	3.3	17

90	Feedlot- and Pen-Level Prevalence of Enterohemorrhagic Escherichia coli in Feces of Commercial Feedlot Cattle in Two Major U.S. Cattle Feeding Areas. <i>Foodborne Pathogens and Disease</i> , <b>2017</b> , 14, 309-317	3.8	16
89	Omasal ciliated protozoa in cattle, bison, and sheep. <i>Applied and Environmental Microbiology</i> , <b>1990</b> , 56, 409-12	4.8	16
88	Nasal carriage of mecA-positive methicillin-resistant Staphylococcus aureus in pigs exhibits dose-response to zinc supplementation. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 159-63	3.8	15
87	Fecal shedding of non-O157 serogroups of Shiga toxin-producing Escherichia coli in feedlot cattle vaccinated with an Escherichia coli O157:H7 SRP vaccine or fed a Lactobacillus-based direct-fed microbial. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 732-7	2.5	15
86	Leukotoxin operon and differential expressions of the leukotoxin gene in bovine Fusobacterium necrophorum subspecies. <i>Anaerobe</i> , <b>2008</b> , 14, 13-8	2.8	14
85	Niche marketing production practices for beef cattle in the United States and prevalence of foodborne pathogens. <i>Foodborne Pathogens and Disease</i> , <b>2008</b> , 5, 559-69	3.8	14
84	Serum neutralizing antibodies against Fusobacterium necrophorum leukotoxin in cattle with experimentally induced or naturally developed hepatic abscesses. <i>Journal of Animal Science</i> , <b>1994</b> , 72, 502-8	0.7	14
83	Potential associations between fecal shedding of Salmonella in feedlot cattle treated for apparent respiratory disease and subsequent adverse health outcomes. <i>Veterinary Research</i> , <b>2009</b> , 40, 2	3.8	14
82	Escherichia coli O104 in Feedlot Cattle Feces: Prevalence, Isolation and Characterization. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152101	3.7	14
81	Antimicrobial susceptibility of Fusobacterium necrophorum isolated from bovine hepatic abscesses. <i>American Journal of Veterinary Research</i> , <b>1998</b> , 59, 44-7	1.1	14
80	Effects of tylosin on concentrations of Fusobacterium necrophorum and fermentation products in the rumen of cattle fed a high-concentrate diet. <i>American Journal of Veterinary Research</i> , <b>1999</b> , 60, 1061-5	1.1	13
79	Targeted Amplicon Sequencing for Single-Nucleotide-Polymorphism Genotyping of Attaching and Effacing Escherichia coli O26:H11 Cattle Strains via a High-Throughput Library Preparation Technique. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 640-9	4.8	12
78	Genetic relatedness of Escherichia coli O157 isolates from cattle feces and preintervention beef carcasses. <i>Foodborne Pathogens and Disease</i> , <b>2010</b> , 7, 357-65	3.8	12
77	Pulsed-field gel electrophoresis patterns of Escherichia coli O157 isolates from Kansas feedlots. <i>Foodborne Pathogens and Disease</i> , <b>2006</b> , 3, 251-8	3.8	12
76	Purification and quantification of Fusobacterium necrophorum leukotoxin by using monoclonal antibodies. <i>Veterinary Microbiology</i> , <b>1994</b> , 42, 121-33	3.3	12
75	Adhesion of Fusobacterium necrophorum to bovine endothelial cells is mediated by outer membrane proteins. <i>Veterinary Microbiology</i> , <b>2013</b> , 162, 813-818	3.3	11
74	First Report of Anaerobic Isolation of Salmonella enterica from Liver Abscesses of Feedlot Cattle. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 3100-1	9.7	10
73	Efficacy of a Salmonella Siderophore Receptor Protein Vaccine on Fecal Shedding and Lymph Node Carriage of Salmonella in Commercial Feedlot Cattle. <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 517-25	3.8	10

72	EFFECT OF LASALOCID, MONENSIN AND THIOPEPTIN ON LACTATE PRODUCTION FROM IN VITRO RUMEN FERMENTATION OF STARCH. <i>Canadian Journal of Animal Science</i> , <b>1986</b> , 66, 129-139	0.9	10
71	Endotoxic activity of cell-free rumen fluid from cattle fed hay or grain. <i>Canadian Journal of Microbiology</i> , <b>1978</b> , 24, 1253-61	3.2	10
70	Effects of Menthol Supplementation in Feedlot Cattle Diets on the Fecal Prevalence of Antimicrobial-Resistant Escherichia coli. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168983	3.7	10
69	Distribution of the Gene Cluster and Associated Genetic Determinants among Swine from a Controlled Feeding Trial. <i>Genes</i> , <b>2018</b> , 9,	4.2	10
68	Serum neutralizing antibody response and protection against experimentally induced liver abscesses in steers vaccinated with Fusobacterium necrophorum. <i>American Journal of Veterinary Research</i> , <b>1996</b> , 57, 483-8	1.1	10
67	Antimicrobial resistance of Enterococcus faecium strains isolated from commercial probiotic products used in cattle and swine. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 912-920	0.7	9
66	Pooling of Immunomagnetic Separation Beads Does Not Affect Detection Sensitivity of Six Major Serogroups of Shiga Toxin-Producing Escherichia coli in Cattle Feces. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 59-65	2.5	9
65	Comparing real-time and conventional PCR to culture-based methods for detecting and quantifying Escherichia coli O157 in cattle feces. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 314-9	2.5	9
64	Multiplex PCR Assays for the Detection of One Hundred and Thirty Seven Serogroups of Shiga Toxin-Producing Associated With Cattle. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 378	5.9	9
63	Effects of chlortetracycline alone or in combination with direct fed microbials on nursery pig growth performance and antimicrobial resistance of fecal Escherichia coli. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 5166-5178	0.7	9
62	Effects of limonene on ruminal concentrations, fermentation, and lysine degradation in cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 3420-3430	0.7	8
61	The serum neutralizing antibody response in cattle to Fusobacterium necrophorum leukotoxoid and possible protection against experimentally induced hepatic abscesses. <i>Veterinary Research Communications</i> , <b>1996</b> , 20, 493-504	2.9	8
60	Development of 11-Plex MOL-PCR Assay for the Rapid Screening of Samples for Shiga Toxin-Producing Escherichia coli. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2016</b> , 6, 92	5.9	8
59	Genetic Analysis of Virulence Potential of O104 Serotypes Isolated From Cattle Feces Using Whole Genome Sequencing. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 341	5.7	7
58	DNA microarray-based assessment of virulence potential of Shiga toxin gene-carrying Escherichia coli O104:H7 isolated from feedlot cattle feces. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196490	3.7	7
57	A Randomized Trial to Assess the Effect of Fluoroquinolone Metaphylaxis on the Fecal Prevalence and Quinolone Susceptibilities of Salmonella and Campylobacter in Feedlot Cattle. <i>Foodborne Pathogens and Disease</i> , <b>2017</b> , 14, 600-607	3.8	7
56	Shiga Toxin-Producing Escherichia coli in Feces of Finisher Pigs: Isolation, Identification, and Public Health Implications of Major and Minor Serogroups. <i>Journal of Food Protection</i> , <b>2021</b> , 84, 169-180	2.5	6
55	Prevalence and Quinolone Susceptibilities of Salmonella Isolated from the Feces of Preharvest Cattle Within Feedlots that Used a Fluoroquinolone to Treat Bovine Respiratory Disease. <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 303-8	3.8	6

54	Spiral Plating Method To Quantify the Six Major Non-O157 Escherichia coli Serogroups in Cattle Feces. <i>Journal of Food Protection</i> , <b>2017</b> , 848-856	2.5	5
53	Chemical characteristics of rumen bacterial endotoxin. <i>Journal of Animal Science</i> , <b>1979</b> , 48, 1250-6	0.7	5
52	Quantification of Bacteria Indicative of Fecal and Environmental Contamination from Hides to Carcasses. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 844-855	3.8	4
51	Effects of high condensed-tannin substrate, prior dietary tannin exposure, antimicrobial inclusion, and animal species on fermentation parameters following a 48 h in vitro incubation. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 343-353	0.7	4
50	Bacterial flora of liver abscesses in crossbred beef cattle and Holstein steers fed finishing diets with or without tylosin. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 3425-3434	0.7	4
49	Detection and Quantification of Seven Major Serogroups of Shiga Toxin-Producing Escherichia coli on Hides of Cull Dairy, Cull Beef, and Fed Beef Cattle at Slaughter. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 1236-1244	2.5	4
48	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. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 161, 90-99	3.1	4
47	Age Dependence of Antimicrobial Resistance Among Fecal Bacteria in Animals: A Scoping Review. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 622495	3.1	4
46	Effects of Tylosin Administration Routes on the Prevalence of Antimicrobial Resistance Among Fecal Enterococci of Finishing Swine. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 309-316	3.8	3
45	DNA Microarray-Based Genomic Characterization of the Pathotypes of Escherichia coli O26, O45, O103, O111, and O145 Isolated from Feces of Feedlot Cattle. <i>Journal of Food Protection</i> , <b>2019</b> , 82, 395-404	2.5	3
44	Genome Sequences of 64 Non-O157:H7 Shiga Toxin-Producing Escherichia coli Strains. <i>Genome Announcements</i> , <b>2015</b> , 3,		3
43	Impact of added copper, alone or in combination with chlortetracycline, on growth performance and antimicrobial resistance of fecal enterococci of weaned piglets. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	3
42	Bacterial flora of liver abscesses in crossbred beef cattle and Holstein steers fed finishing diets with or without tylosin. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 3425	0.7	3
41	Rumen Microbial Changes in Ionophore Antibiotic - Treated Steers with Experimentally Induced Acidosis. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>1989</b> , 2, 465-468	2.4	3
40	Ruminal and host adaptations to changes in frequency of protein supplementation <sup>1,2</sup> . <i>Journal of Animal Science</i> , <b>2004</b> , 82, 895-903	0.7	3
39	Single-Cell-Based Digital PCR Detection and Association of Shiga Toxin-Producing Escherichia coli Serogroups and Major Virulence Genes. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	3
38	Validation and Application of a Real-Time PCR Assay Based on the CRISPR Array for Serotype-Specific Detection and Quantification of Enterohemorrhagic Escherichia coli O157:H7 in Cattle Feces. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 1157-1164	2.5	3
37	Comparative genomics reveals differences in mobile virulence genes of Escherichia coli O103 pathotypes of bovine fecal origin. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191362	3.7	2



36	Competitive exclusion Escherichia coli cultures on E. coli O157 growth in batch culture ruminal or fecal microbial fermentation. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 193-9	3.8	2
35	Impact of persistent bovine viral diarrhoea viral infection on the duration and level of shedding of Escherichia coli O157 in calves. <i>Foodborne Pathogens and Disease</i> , <b>2008</b> , 5, 245-51	3.8	2
34	Bacterial community analysis of purulent material from liver abscesses of crossbred cattle and Holstein steers fed finishing diets with or without tylosin. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	2
33	Leukotoxin production by Fusobacterium necrophorum strains in relation to severity of liver abscesses in cattle. <i>Anaerobe</i> , <b>2021</b> , 69, 102344	2.8	2
32	Genome Sequences of Salmonella enterica subsp. enterica Serovar Lubbock Strains Isolated from Liver Abscesses of Feedlot Cattle. <i>Genome Announcements</i> , <b>2016</b> , 4,		2
31	Leukotoxic activity of Fusobacterium necrophorum of cattle origin. <i>Anaerobe</i> , <b>2019</b> , 56, 51-56	2.8	2
30	Analysis of virulence potential of Escherichia coli O145 isolated from cattle feces and hide samples based on whole genome sequencing. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225057	3.7	2
29	Effects of corn stalk inclusion and tylosin on performance, rumination, ruminal papillae morphology, and gut pathogens associated with liver abscesses from finishing beef steers. <i>Livestock Science</i> , <b>2021</b> , 251, 104623	1.7	2
28	Whole-genome sequencing analysis of uncommon Shiga toxin-producing Escherichia coli from cattle: Virulence gene profiles, antimicrobial resistance predictions, and identification of novel O-serogroups. <i>Food Microbiology</i> , <b>2021</b> , 99, 103821	6	2
27	Potential risk-factors affecting Salmonella sp. and Escherichia coli occurrence and distribution in Midwestern United States swine feed mills. <i>Journal of Applied Microbiology</i> , <b>2020</b> , 129, 1744-1750	4.7	1
26	Effects of dietary energy level and intake of corn by-product-based diets on newly received growing cattle: antibody production, acute phase protein response, stress, and immunocompetency of healthy and morbid animals. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 1474-1483	0.7	1
25	Population structure of serotype Mbandaka reveals similar virulence potential irrespective of source and phylogenomic stratification. <i>F1000Research</i> , <b>2020</b> , 9, 1142	3.6	1
24	Polymerase Chain Reaction-Based Prevalence of Serogroups of Known to Carry Shiga Toxin Genes in Feces of Finisher Pigs. <i>Foodborne Pathogens and Disease</i> , <b>2020</b> , 17, 782-791	3.8	1
23	Identification, Shiga toxin subtypes and prevalence of minor serogroups of Shiga toxin-producing Escherichia coli in feedlot cattle feces. <i>Scientific Reports</i> , <b>2021</b> , 11, 8601	4.9	1
22	Draft Genome Sequences of Salmonella enterica subsp. Serotype IIIb_61:l,v:1,5,(7) Strains Isolated from Wheat Grains. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10,	1.3	1
21	29 Live Yeast and Yeast Extracts with and Without Pharmacological Levels of Zinc on Nursery Pig Growth Performance and Fecal Escherichia coli Antimicrobial Resistance. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 28-29	0.7	1
20	Antimicrobial Activity of Sorghum Phenolic Extract on Bovine Foodborne and Mastitis-Causing Pathogens. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	1
19	Faecal concentrations of ceftiofur metabolites in finisher pigs administered intramuscularly with ceftiofur. <i>Veterinary Medicine and Science</i> , <b>2021</b> , 7, 1800-1806	2.1	1

18	Associations Between Season, Processing Plant, and Hide Cleanliness Scores with Prevalence and Concentration of Major Shiga Toxin-Producing on Beef Cattle Hides. <i>Foodborne Pathogens and Disease</i> , <b>2020</b> , 17, 611-619	3.8	1
17	Whole genome shotgun sequencing revealed highly polymorphic genome regions and genes in <i>Escherichia coli</i> O157:H7 isolates collected from a single feedlot. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202775	3.7	1
16	<i>Campylobacter</i> Prevalence and Quinolone Susceptibility in Feces of Preharvest Feedlot Cattle Exposed to Enrofloxacin for the Treatment of Bovine Respiratory Disease. <i>Foodborne Pathogens and Disease</i> , <b>2018</b> , 15, 377-385	3.8	1
15	Effects of Zinc and Menthol-Based Diets on Co-Selection of Antibiotic Resistance among and spp. in Beef Cattle. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
14	18 Impact of in-feed vs. in-water antibiotic administrations on the fecal prevalence and antimicrobial susceptibilities of <i>Campylobacter</i> and <i>Salmonella</i> in piglets. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 35-36	0.7	0
13	388 Nutrition and the Ruminal Microbiome: Emerging Frontiers from an Old Friend. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 171-171	0.7	0
12	28 In-feed or In-water Antibiotic Administration Did Not Influence the Fecal Prevalence and Antimicrobial Susceptibility Profiles of <i>Salmonella</i> in Piglets. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 26-27	0.7	0
11	Comparison data of a two-target real-time PCR assay with and without an internal control in detecting from cattle lymph nodes. <i>Data in Brief</i> , <b>2018</b> , 18, 1819-1824	1.2	
10	Prevalence of Food-Borne Pathogens in Organic Beef <b>2012</b> , 285-299		
9	265 Evaluating the route of antibiotic administration and its effect on nursery pig growth performance. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 90-91	0.7	
8	Diseases of the Hepatobiliary System <b>2020</b> , 921-955.e6		
7	Gram-Negative Anaerobes 513-526		
6	38 Evaluation of Sorghum Phenolic Compounds for Their Antimicrobial Activities Against Liver Abscess Causing Pathogens in Feedlot Cattle. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 32-32	0.7	
5	Shiga Toxin-Producing in Wheat Grains: Detection and Isolation by Polymerase Chain Reaction and Culture Methods. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 752-760	3.8	
4	Analysis of virulence potential of <i>Escherichia coli</i> O145 isolated from cattle feces and hide samples based on whole genome sequencing <b>2019</b> , 14, e0225057		
3	Analysis of virulence potential of <i>Escherichia coli</i> O145 isolated from cattle feces and hide samples based on whole genome sequencing <b>2019</b> , 14, e0225057		
2	Analysis of virulence potential of <i>Escherichia coli</i> O145 isolated from cattle feces and hide samples based on whole genome sequencing <b>2019</b> , 14, e0225057		
1	Analysis of virulence potential of <i>Escherichia coli</i> O145 isolated from cattle feces and hide samples based on whole genome sequencing <b>2019</b> , 14, e0225057		

