

Todd R Callaway

List of Publications by Year in descending order

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219
papers

6,604
citations

76326

40
h-index

95266

68
g-index

224
all docs

224
docs citations

224
times ranked

6074
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the bacterial diversity in the feces of cattle using 16S rDNA bacterial tag-encoded FLX amplicon pyrosequencing (bTEFAP). BMC Microbiology, 2008, 8, 125.	3.3	982
2	Grain Feeding and the Dissemination of Acid-Resistant <i>Escherichia coli</i> from Cattle. , 1998, 281, 1666-1668.		297
3	Evaluation of bacterial diversity in the rumen and feces of cattle fed different levels of dried distillers grains plus solubles using bacterial tag-encoded FLX amplicon pyrosequencing ¹ . Journal of Animal Science, 2010, 88, 3977-3983.	0.5	247
4	Isolation and Characterization of a New T-Even Bacteriophage, CEV1, and Determination of Its Potential To Reduce <i>Escherichia coli</i> O157:H7 Levels in Sheep. Applied and Environmental Microbiology, 2006, 72, 6405-6410.	3.1	141
5	Diet, <i>Escherichia coli</i> O157:H7, and cattle: a review after 10 years. Current Issues in Molecular Biology, 2009, 11, 67-79.	2.4	134
6	Bacteriophage Isolated from Feedlot Cattle Can Reduce <i>Escherichia coli</i> O157:H7 Populations in Ruminant Gastrointestinal Tracts. Foodborne Pathogens and Disease, 2008, 5, 183-191.	1.8	127
7	Foodborne <i>Salmonella</i> ecology in the avian gastrointestinal tract. Anaerobe, 2009, 15, 26-35.	2.1	109
8	The Effect of Nisin and Monensin on Ruminal Fermentations In Vitro. Current Microbiology, 1997, 35, 90-96.	2.2	106
9	Board-invited review: Rumen microbiology: Leading the way in microbial ecology ^{1,2} . Journal of Animal Science, 2013, 91, 331-341.	0.5	104
10	A Review of the Effect of Management Practices on <i>Campylobacter</i> Prevalence in Poultry Farms. Frontiers in Microbiology, 2018, 9, 2002.	3.5	96
11	Evaluation of the bacterial diversity in cecal contents of laying hens fed various molting diets by using bacterial tag-encoded FLX amplicon pyrosequencing. Poultry Science, 2009, 88, 298-302.	3.4	92
12	Exploiting the explosion of information associated with whole genome sequencing to tackle Shiga toxin-producing <i>Escherichia coli</i> (STEC) in global food production systems. International Journal of Food Microbiology, 2014, 187, 57-72.	4.7	83
13	Seasonal Shedding of <i>Escherichia coli</i> O157:H7 in Ruminants: A New Hypothesis. Foodborne Pathogens and Disease, 2006, 3, 413-421.	1.8	81
14	Perspectives on Super-Shedding of <i>Escherichia coli</i> O157:H7 by Cattle. Foodborne Pathogens and Disease, 2015, 12, 89-103.	1.8	78
15	Farm Fairs and Petting Zoos: A Review of Animal Contact as a Source of Zoonotic Enteric Disease. Foodborne Pathogens and Disease, 2017, 14, 59-73.	1.8	75
16	Evaluation of Phage Treatment as a Strategy to Reduce <i>Salmonella</i> Populations in Growing Swine. Foodborne Pathogens and Disease, 2011, 8, 261-266.	1.8	74
17	Variation in the faecal shedding of <i>Salmonella</i> and <i>E. coli</i> O157:H7 in lactating dairy cattle and examination of <i>Salmonella</i> genotypes using pulsed-field gel electrophoresis. Letters in Applied Microbiology, 2004, 38, 366-372.	2.2	73
18	Naturally resident and exogenously applied T4-like and T5-like bacteriophages can reduce <i>Escherichia coli</i> O157. Bacteriophage, 2011, 1, 15-24.	1.9	71

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19	Effect of Sodium Chlorate on Salmonella Typhimurium Concentrations in the Weaned Pig Gut. Journal of Food Protection, 2001, 64, 255-258.	1.7	70
20	Dietary Interactions and Interventions Affecting Escherichia coli O157 Colonization and Shedding in Cattle. Foodborne Pathogens and Disease, 2009, 6, 785-792.	1.8	64
21	<i>Clostridium difficile</i> in Poultry and Poultry Meat. Foodborne Pathogens and Disease, 2011, 8, 1321-1323.	1.8	64
22	Antimicrobial susceptibility and factors affecting the shedding of E. coli O157:H7 and Salmonella in dairy cattle. Letters in Applied Microbiology, 2003, 37, 392-398.	2.2	61
23	Characterization of a Vil-like Phage Specific to Escherichia coli O157:H7. Virology Journal, 2011, 8, 430.	3.4	60
24	Toxicity and Metabolism of the Conjugates of 3-Nitropropanol and 3-Nitropropionic Acid in Forages Poisonous to Livestock. Journal of Agricultural and Food Chemistry, 2005, 53, 2344-2350.	5.2	59
25	Rumen bacterial, archaeal, and fungal diversity of dairy cows in response to ingestion of lauric or myristic acid ¹ . Journal of Animal Science, 2012, 90, 4449-4457.	0.5	59
26	Effect of oral sodium chlorate administration on Escherichia coli O157:H7 in the gut of experimentally infected pigs. International Journal of Food Microbiology, 2001, 71, 125-130.	4.7	58
27	Effect of select nitrocompounds on ruminal fermentation; an initial look at their potential to reduce economic and environmental costs associated with ruminal methanogenesis. Bioresource Technology, 2003, 90, 59-63.	9.6	58
28	Effect of Tannins on the In Vitro Growth of Escherichia coli O157:H7 and In Vivo Growth of Generic Escherichia coli Excreted from Steers. Journal of Food Protection, 2007, 70, 543-550.	1.7	57
29	ASAS Centennial Paper: Developments and future outlook for preharvest food safety ¹ . Journal of Animal Science, 2009, 87, 419-437.	0.5	57
30	The Role of Direct-Fed Microbials in Conventional Livestock Production. Annual Review of Animal Biosciences, 2016, 4, 335-355.	7.4	56
31	Comparison of the ruminal and fecal microbiotas in beef calves supplemented or not with concentrate. PLoS ONE, 2020, 15, e0231533.	2.5	56
32	Antimicrobial Activity of Commercial Citrus-Based Natural Extracts Against <i>Escherichia coli</i> O157:H7 Isolates and Mutant Strains. Foodborne Pathogens and Disease, 2008, 5, 695-699.	1.8	55
33	Effects of the antibiotic ionophores monensin, lasalocid, laidlomycin propionate and bambermycin on Salmonella and E. coli O157:H7 in vitro ⁺ . Journal of Applied Microbiology, 2003, 94, 207-213.	3.1	51
34	Development of colonic microflora as assessed by pyrosequencing in dairy calves fed waste milk. Journal of Dairy Science, 2012, 95, 4519-4525.	3.4	49
35	Inhibitory Activities of Colicins against Escherichia coli Strains Responsible for Postweaning Diarrhea and Edema Disease in Swine. Antimicrobial Agents and Chemotherapy, 2004, 48, 3119-3121.	3.2	48
36	Modulation of the Immune Response to Improve Health and Reduce Foodborne Pathogens in Poultry. Microorganisms, 2019, 7, 65.	3.6	47

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37	Reduction of <i>E. coli</i> O157:H7 populations in sheep by supplementation of an experimental sodium chlorate product. <i>Small Ruminant Research</i> , 2003, 49, 173-181.	1.2	46
38	Pre-harvest risk factors for <i>Salmonella enterica</i> in pork production. <i>Food Research International</i> , 2012, 45, 634-640.	6.2	45
39	Zoonotic bacterial populations, gut fermentation characteristics and methane production in feedlot steers during oral nitroethane treatment and after the feeding of an experimental chlorate product. <i>Anaerobe</i> , 2007, 13, 21-31.	2.1	43
40	Effects of experimental chlorate preparations as feed and water supplements on <i>Escherichia coli</i> colonization and contamination of beef cattle and carcasses. <i>Food Microbiology</i> , 2005, 22, 439-447.	4.2	41
41	Effects of select nitrocompounds on in vitro ruminal fermentation during conditions of limiting or excess added reductant. <i>Bioresource Technology</i> , 2008, 99, 8655-8661.	9.6	40
42	Citrus Products Decrease Growth of <i>E. coli</i> O157:H7 and <i>Salmonella Typhimurium</i> in Pure Culture and in Fermentation with Mixed Ruminal Microorganisms In Vitro. <i>Foodborne Pathogens and Disease</i> , 2008, 5, 621-627.	1.8	40
43	Reduction of <i>Salmonella Typhimurium</i> in Experimentally Challenged Broilers by Nitrate Adaptation and Chlorate Supplementation in Drinking Water. <i>Journal of Food Protection</i> , 2003, 66, 660-663.	1.7	39
44	The Ability of "Low G + C Gram-Positive" Ruminal Bacteria to Resist Monensin and Counteract Potassium Depletion. <i>Current Microbiology</i> , 1999, 39, 226-230.	2.2	38
45	Effect of nitroethane, dimethyl-2-nitroglutarate and 2-nitro-methyl-propionate on ruminal methane production and hydrogen balance in vitro. <i>Bioresource Technology</i> , 2010, 101, 5345-5349.	9.6	38
46	A bacteriocin-mediated antagonism by ruminal lactobacilli against <i>Streptococcus bovis</i> . <i>FEMS Microbiology Ecology</i> , 2006, 22, 237-243.	2.7	37
47	Experimental Use of 2-Nitropropanol for Reduction of <i>Salmonella Typhimurium</i> in the Ceca of Broiler Chicks. <i>Journal of Food Protection</i> , 2004, 67, 1945-1947.	1.7	36
48	Selection of a Highly Monensin-Resistant <i>Prevotella bryantii</i> Subpopulation with Altered Outer Membrane Characteristics. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4753-4759.	3.1	36
49	Isolation of <i>Escherichia coli</i> O157:H7 and <i>Salmonella</i> from Migratory Brown-Headed Cowbirds (<i>Molothrus ater</i>), Common Grackles (<i>Quiscalus quiscula</i>), and Cattle Egrets (<i>Bubulcus ibis</i>). <i>Foodborne Pathogens and Disease</i> , 2014, 11, 791-794.	1.8	34
50	Inhibitory activity of 2-nitropropanol against select food-borne pathogens in vitro*. <i>Letters in Applied Microbiology</i> , 2004, 39, 471-476.	2.2	33
51	Macrolide inactivation gene cluster mphA-mrx-mphR adjacent to a class 1 integron in <i>Aeromonas hydrophila</i> isolated from a diarrhoeic pig in Oklahoma. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 31-38.	3.0	33
52	Pathogen Prevalence and Influence of Composted Dairy Manure Application on Antimicrobial Resistance Profiles of Commensal Soil Bacteria. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 217-224.	1.8	33
53	Probiotics and potential applications for alternative poultry production systems. <i>Poultry Science</i> , 2021, 100, 101156.	3.4	32
54	<i>Escherichia coli</i> O157:H7 becomes resistant to sodium chlorate in pure culture, but not in mixed culture or in vivo. <i>Journal of Applied Microbiology</i> , 2001, 91, 427-434.	3.1	31

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55	Prevalence of Escherichia coli O157 and O157:H7-infecting bacteriophages in feedlot cattle feces. <i>Letters in Applied Microbiology</i> , 2007, 45, 445-453.	2.2	30
56	Investigation into the seasonal salmonellosis in lactating dairy cattle. <i>Epidemiology and Infection</i> , 2008, 136, 381-390.	2.1	30
57	Dynamic Changes in the Gut Microbiome at the Acute Stage of Ischemic Stroke in a Pig Model. <i>Frontiers in Neuroscience</i> , 2020, 14, 587986.	2.8	29
58	The cecal and fecal microbiomes and metabolomes of horses before and after metronidazole administration. <i>PLoS ONE</i> , 2020, 15, e0232905.	2.5	29
59	Effect of Drinking-Water Administration of Experimental Chlorate Ion Preparations on Salmonella enterica serovar Typhimurium Colonization in Weaned and Finished Pigs. <i>Veterinary Research Communications</i> , 2004, 28, 179-189.	1.6	28
60	Handling May Cause Increased Shedding of Escherichia coli And Total Coliforms in Pigs. <i>Foodborne Pathogens and Disease</i> , 2007, 4, 99-102.	1.8	28
61	Effects of Short-Chain Nitrocompounds against Campylobacter jejuni and Campylobacter coli in vitro. <i>Journal of Food Science</i> , 2007, 72, M50-M55.	3.1	28
62	Development of a Transdermal Salmonella Challenge Model in Calves. <i>Journal of Food Protection</i> , 2013, 76, 1255-1258.	1.7	28
63	Bactericidal Effect of Sodium Chlorate on Escherichia coli Concentrations in Bovine Ruminal and Fecal Contents In Vivo. <i>Microbial Ecology in Health and Disease</i> , 2002, 14, 24-29.	3.5	26
64	Occurrence of Salmonella-Specific Bacteriophages in Swine Feces Collected from Commercial Farms. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 851-856.	1.8	26
65	Effects of oral nitroethane administration on enteric methane emissions and ruminal fermentation in cattle. <i>Animal Feed Science and Technology</i> , 2011, 166-167, 275-281.	2.2	26
66	The effect of brown midrib corn silage and dried distillers' grains with solubles on milk production, nitrogen utilization and microbial community structure in dairy cows. <i>Canadian Journal of Animal Science</i> , 2012, 92, 365-380.	1.5	26
67	Food-producing animals and their health in relation to human health. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 25876.	3.5	26
68	Effects of Nitrate or Nitro Supplementation, with or without Added Chlorate, on Salmonella enterica Serovar Typhimurium and Escherichia coli in Swine Feces. <i>Journal of Food Protection</i> , 2007, 70, 308-315.	1.7	25
69	Evaluation of in vitro gas production and rumen bacterial populations fermenting corn milling (co)products. <i>Journal of Dairy Science</i> , 2010, 93, 4735-4743.	3.4	25
70	The relationship between the rumen microbiome and carcass merit in Angus steers. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	25
71	Effects of thymol and diphenyliodonium chloride against Campylobacter spp. during pure and mixed culture in vitro. <i>Journal of Applied Microbiology</i> , 2009, 107, 1258-1268.	3.1	24
72	E. coli O157 and Salmonella spp. in white-tailed deer and livestock. <i>Current Issues in Intestinal Microbiology</i> , 2005, 6, 25-9.	2.5	24

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73	Campylobacter Prevalence in Lactating Dairy Cows in the United States. Journal of Food Protection, 2004, 67, 1476-1479.	1.7	23
74	Effects of Nitroethane and Monensin on Ruminal Fluid Fermentation Characteristics and Nitrocompound-Metabolizing Bacterial Populations. Journal of Agricultural and Food Chemistry, 2008, 56, 4650-4658.	5.2	23
75	Prevalence and Antimicrobial Resistance Profiles of Escherichia coli O157:H7 and Salmonella Isolated from Feedlot Lambs. Journal of Food Protection, 2009, 72, 1713-1717.	1.7	23
76	Acyl-Homoserine-Lactone Autoinducer in the Gastrointestinal Tract of Feedlot Cattle and Correlation to Season, E. Coli O157:H7 Prevalence, and Diet. Current Microbiology, 2009, 58, 227-232.	2.2	23
77	The impact of feed efficiency selection on the ruminal, cecal, and fecal microbiomes of Angus steers from a commercial feedlot. Journal of Animal Science, 2020, 98, .	0.5	23
78	Variations in the Ability of Ruminal Gram-Negative Prevotella Species to Resist Monensin. Current Microbiology, 2000, 40, 185-189.	2.2	22
79	Prevalence of Multidrug-Resistant Salmonella on Commercial Dairies Utilizing a Single Heifer Raising Facility. Journal of Food Protection, 2008, 71, 27-34.	1.7	22
80	An overview of health challenges in alternative poultry production systems. Poultry Science, 2021, 100, 101173.	3.4	22
81	Characterization of antimicrobial resistant Salmonella Kinshasa from dairy calves in Texas. Letters in Applied Microbiology, 2004, 38, 140-145.	2.2	21
82	Effect of Ractopamine HCl Supplementation on Fecal Shedding of Escherichia coli O157:H7 and Salmonella in Feedlot Cattle. Current Microbiology, 2006, 53, 340-345.	2.2	21
83	Development of Challenge Models To Evaluate the Efficacy of a Vaccine To Reduce Carriage of Salmonella in Peripheral Lymph Nodes of Cattle. Journal of Food Protection, 2013, 76, 1259-1263.	1.7	21
84	Transferability of antimicrobial resistance from multidrug-resistant Escherichia coli isolated from cattle in the USA to E. coli and Salmonella Newport recipients. Journal of Global Antimicrobial Resistance, 2017, 11, 123-132.	2.2	21
85	Isolation and screening of aflatoxin-detoxifying yeast and bacteria from ruminal fluids to reduce aflatoxin B ₁ contamination in dairy cattle feed. Journal of Applied Microbiology, 2018, 125, 1603-1613.	3.1	21
86	Evaluation of the Fecal Bacterial Communities of Angus Steers With Divergent Feed Efficiencies Across the Lifespan From Weaning to Slaughter. Frontiers in Veterinary Science, 2021, 8, 597405.	2.2	21
87	Prevalence and Concentration of Campylobacter in Rumen Contents and Feces in Pasture and Feedlot-Fed Cattle. Foodborne Pathogens and Disease, 2008, 5, 571-577.	1.8	20
88	Effects of the Dicarboxylic Acids Malate and Fumarate on E. coli O157:H7 and Salmonella enterica Typhimurium Populations in Pure Culture and in Mixed Ruminal Microorganism Fermentations. Current Microbiology, 2009, 58, 488-492.	2.2	20
89	Survey of Clostridium difficile in retail seafood in College Station, Texas. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1127-1129.	2.3	20
90	Escherichia coli O157:H7 Populations in Ruminants Can Be Reduced by Orange Peel Product Feeding. Journal of Food Protection, 2011, 74, 1917-1921.	1.7	19

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91	Paenibacillus 79R4, a potential rumen probiotic to enhance nitrite detoxification and methane mitigation in nitrate-treated ruminants. <i>Science of the Total Environment</i> , 2019, 671, 324-328.	8.0	19
92	Growth and genetic responses of <i>Salmonella</i> Typhimurium to pH-shifts in an anaerobic continuous culture. <i>Anaerobe</i> , 2008, 14, 35-42.	2.1	18
93	Evaluation of the effects of live yeast on rumen parameters and in situ digestibility of dry matter and neutral detergent fiber in beef cattle fed growing and finishing diets. <i>Applied Animal Science</i> , 2020, 36, 36-47.	1.2	18
94	Effect of flavophospholipol on conjugation frequency between <i>Escherichia coli</i> donor and recipient pairs in vitro and in the chicken gastrointestinal tract. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 359-366.	3.0	17
95	Effects of Exogenous Melatonin and Tryptophan on Fecal Shedding of <i>E. Coli</i> O157:H7 in Cattle. <i>Microbial Ecology</i> , 2008, 55, 553-560.	2.8	17
96	Effects of active dry yeast on ruminal pH characteristics and energy partitioning of finishing steers under thermoneutral or heat-stressed environment. <i>Journal of Animal Science</i> , 2018, 96, 2861-2876.	0.5	17
97	Effects of close-up dietary energy level and supplementing rumen-protected lysine on energy metabolites and milk production in transition cows. <i>Journal of Dairy Science</i> , 2019, 102, 7059-7072.	3.4	17
98	<i>Bacillus subtilis</i> PB6 Supplementation in Weaned Holstein Steers During an Experimental <i>Salmonella</i> Challenge. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 521-528.	1.8	17
99	Approaches to Controlling <i>Escherichia coli</i> O157:H7, a Foodborne Pathogen and an Emerging Environmental Hazard. <i>Environmental Practice</i> , 2004, 6, 208-229.	0.3	16
100	Orange Peel Products Can Reduce <i>Salmonella</i> Populations in Ruminants. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 1071-1075.	1.8	16
101	Effect of Thymol or Diphenyliodonium Chloride on Performance, Gut Fermentation Characteristics, and <i>Campylobacter</i> Colonization in Growing Swine. <i>Journal of Food Protection</i> , 2012, 75, 758-761.	1.7	16
102	Changes in the Hematological Variables in Pigs Supplemented With Yeast Cell Wall in Response to a <i>Salmonella</i> Challenge in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 246.	2.2	16
103	The Successional Changes in the Gut Microbiome of Pasture-Raised Chickens Fed Soy-Containing and Soy-Free Diets. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	16
104	Antiviral activity of a novel mixture of natural antimicrobials, in vitro, and in a chicken infection model in vivo. <i>Scientific Reports</i> , 2020, 10, 16631.	3.3	16
105	The effects of signalment, diet, geographic location, season, and colitis associated with antimicrobial use or <i>Salmonella</i> infection on the fecal microbiome of horses. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2437-2448.	1.6	16
106	The in vitro and in vivo anti-virulent effect of organic acid mixtures against <i>Eimeria tenella</i> and <i>Eimeria bovis</i> . <i>Scientific Reports</i> , 2021, 11, 16202.	3.3	16
107	Effects of <i>Eimeria tenella</i> Infection on Key Parameters for Feed Efficiency in Broiler Chickens. <i>Animals</i> , 2021, 11, 3428.	2.3	16
108	Microarray Analysis and Draft Genomes of Two <i>Escherichia coli</i> O157:H7 Lineage II Cattle Isolates FRIK966 and FRIK2000 Investigating Lack of Shiga Toxin Expression. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 763-773.	1.8	15

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109	Influence of Wet Distiller's Grains on Prevalence of Escherichia coli O157:H7 and Salmonella in Feedlot Cattle and Antimicrobial Susceptibility of Generic Escherichia coli Isolates. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 605-608.	1.8	15
110	Analysis of the Rumen Microbiota of Beef Calves Supplemented During the Suckling Phase. <i>Frontiers in Microbiology</i> , 2019, 10, 1131.	3.5	15
111	A microencapsulated feed additive containing organic acids, thymol, and vanillin increases in vitro functional activity of peripheral blood leukocytes from broiler chicks. <i>Poultry Science</i> , 2020, 99, 3428-3436.	3.4	15
112	Effect of subtherapeutic concentrations of tylosin on the inhibitory stringency of a mixed anaerobe continuous-flow culture of chicken microflora against Escherichia coli O157:H7. <i>Journal of Applied Microbiology</i> , 2003, 94, 73-79.	3.1	14
113	Technical note on a much simplified method for collecting ruminal fluid using a nylon paint strainer. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 387-389.	3.5	14
114	Effects of Ionophores on Enterococcus faecalis and E. faecium Growth in Pure and Mixed Ruminal Culture. <i>Foodborne Pathogens and Disease</i> , 2008, 5, 193-198.	1.8	14
115	Evaluation of an Experimental Chlorate Product as a Preslaughter Feed Supplement to Reduce Salmonella in Meat-Producing Birds. <i>Poultry Science</i> , 2008, 87, 1883-1888.	3.4	14
116	Citrus Products and Their Use Against Bacteria: Potential Health and Cost Benefits. , 2011, , 277-286.		14
117	Survival of Escherichia coli O157:H7 Transformed with Either the pAK1-luxor pXEN-13 Plasmids in In Vitro Bovine Ruminal and Fecal Microbial Fermentations. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 1-5.	1.8	14
118	Ruminal Fermentation of Anti-Methanogenic Nitrate- and Nitro-Containing Forages In Vitro. <i>Frontiers in Veterinary Science</i> , 2016, 3, 62.	2.2	14
119	Disinfectant and Antimicrobial Susceptibility Profiles of the Big Six Non-O157 Shiga Toxin-producing Escherichia coli Strains from Food Animals and Humans. <i>Journal of Food Protection</i> , 2016, 79, 1355-1370.	1.7	14
120	Effect of Supplemental Protease on Growth Performance and Excreta Microbiome of Broiler Chicks. <i>Microorganisms</i> , 2020, 8, 475.	3.6	14
121	Influence of dietary endophyte (Neotyphodium coenophialum)-infected tall fescue (Festuca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ewes 1,2. <i>Journal of Animal Science</i> , 2007, 85, 1102-1108.	0.5	13
122	The effect of chlortetracycline on faecal microbial populations in growing swine. <i>Journal of Global Antimicrobial Resistance</i> , 2013, 1, 171-174.	2.2	13
123	MEAT SCIENCE AND MUSCLE BIOLOGY SYMPOSIUM: Ecological and dietary impactors of foodborne pathogens and methods to reduce fecal shedding in cattle 1,2. <i>Journal of Animal Science</i> , 2014, 92, 1356-1365.	0.5	13
124	Isolation, characterization and strain selection of a Paenibacillus species for use as a probiotic to aid in ruminal methane mitigation, nitrate/nitrite detoxification and food safety. <i>Bioresource Technology</i> , 2018, 263, 358-364.	9.6	13
125	Evaluation of active dried yeast in the diets of feedlot steers. II. Effects on rumen pH and liver health of feedlot steers 1. <i>Journal of Animal Science</i> , 2019, 97, 1347-1363.	0.5	13
126	Effects of Ractopamine HCl on Escherichia coli O157:H7 and Salmonella In Vitro and on Intestinal Populations and Fecal Shedding in Experimentally Infected Sheep and Pigs. <i>Current Microbiology</i> , 2006, 53, 82-88.	2.2	12

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127	Effects of activated charcoal on binding <i>E. coli</i> O157:H7 and <i>Salmonella typhimurium</i> in sheep. <i>Small Ruminant Research</i> , 2006, 65, 101-105.	1.2	12
128	Cell yields and fermentation responses of a <i>Salmonella Typhimurium</i> poultry isolate at different dilution rates in an anaerobic steady state continuous culture. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 537-544.	1.7	12
129	The Effects of Feeding Antibiotic on the Intestinal Microbiota of Weanling Pigs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 601394.	2.2	12
130	Amla (<i>Phyllanthus emblica</i>) fresh fruit as new feed source to enhance ruminal fermentation and milk production in lactating dairy cows. <i>Animal Feed Science and Technology</i> , 2022, 283, 115160.	2.2	12
131	The influence of melatonin on growth of <i>E. coli</i> O157:H7 in pure culture and exogenous melatonin on faecal shedding of <i>E. coli</i> O157:H7 in experimentally infected wethers*. <i>Letters in Applied Microbiology</i> , 2006, 43, 105-110.	2.2	11
132	Effect of nitroethane and nitroethanol on the production of indole and 3-methylindole (skatole) from bacteria in swine feces by gas chromatography. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009, 44, 613-620.	1.5	11
133	Influence of Weaning on Fecal Shedding of Pathogenic Bacteria in Dairy Calves. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 395-401.	1.8	11
134	Survival of O157:H7 and Non-O157 Serogroups of <i>Escherichia coli</i> in Bovine Rumen Fluid and Bile Salts. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 1010-1014.	1.8	11
135	<i>Salmonella</i> Genotype Diversity in Nonlactating and Lactating Dairy Cows. <i>Journal of Food Protection</i> , 2004, 67, 2280-2283.	1.7	10
136	Influence of Exogenous Triiodothyronine (T3) on Fecal Shedding of <i>Escherichia coli</i> O157 in Cattle. <i>Microbial Ecology</i> , 2007, 53, 664-669.	2.8	10
137	Fate of <i>Escherichia coli</i> O157:H7 and <i>Salmonella</i> from contaminated manure slurry applied to soil surrounding tall fescue. <i>Letters in Applied Microbiology</i> , 2009, 48, 513-516.	2.2	10
138	Influence of sprinklers, used to alleviate heat stress, on faecal shedding of <i>E. coli</i> O157:H7 and <i>Salmonella</i> and antimicrobial susceptibility of <i>Salmonella</i> and <i>Enterococcus</i> in lactating dairy cattle. <i>Letters in Applied Microbiology</i> , 2009, 48, 738-43.	2.2	10
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140	Effect of waste milk pasteurization on fecal shedding of <i>Salmonella</i> in preweaned calves. <i>Journal of Dairy Science</i> , 2018, 101, 9266-9274.	3.4	10
141	Influence of Exogenous Melatonin Administration on <i>Salmonella Enteritidis</i> Colonization in Molted Layers. <i>Poultry Science</i> , 2008, 87, 1083-1088.	3.4	9
142	Evaluation of the Effect of Gallium Maltolate on Fecal <i>Salmonella</i> Shedding in Cattle. <i>Journal of Food Protection</i> , 2011, 74, 524-530.	1.7	9
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157	Fecal Microbiome Differences in Angus Steers with Differing Feed Efficiencies during the Feedlot-Finishing Phase. <i>Microorganisms</i> , 2022, 10, 1128.	3.6	8
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