

Ibukun Ogunade

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Meta-analysis of effects of inoculation with homofermentative and facultative heterofermentative lactic acid bacteria on silage fermentation, aerobic stability, and the performance of dairy cows. Journal of Dairy Science, 2017, 100, 4587-4603.	3.4	247
2	Bacterial diversity and composition of alfalfa silage as analyzed by Illumina MiSeq sequencing: Effects of Escherichia coli O157:H7 and silage additives. Journal of Dairy Science, 2018, 101, 2048-2059.	3.4	184
3	Silage review: Mycotoxins in silage: Occurrence, effects, prevention, and mitigation. Journal of Dairy Science, 2018, 101, 4034-4059.	3.4	139
4	Silage review: Animal and human health risks from silage. Journal of Dairy Science, 2018, 101, 4093-4110.	3.4	123
5	Silage review: Foodborne pathogens in silage and their mitigation by silage additives. Journal of Dairy Science, 2018, 101, 4132-4142.	3.4	109
6	Fate of Escherichia coli O157:H7 and bacterial diversity in corn silage contaminated with the pathogen and treated with chemical or microbial additives. Journal of Dairy Science, 2017, 100, 1780-1794.	3.4	80
7	Effects of the dose and viability of Saccharomyces cerevisiae. 1. Diversity of ruminal microbes as analyzed by Illumina MiSeq sequencing and quantitative PCR. Journal of Dairy Science, 2017, 100, 325-342.	3.4	59
8	Control of Escherichia coli O157:H7 in contaminated alfalfa silage: Effects of silage additives. Journal of Dairy Science, 2016, 99, 4427-4436.	3.4	45
9	Integrating 16S rRNA Sequencing and LC-MS-Based Metabolomics to Evaluate the Effects of Live Yeast on Rumen Function in Beef Cattle. Animals, 2019, 9, 28.	2.3	42
10	Effects of the dose and viability of Saccharomyces cerevisiae. 2. Ruminal fermentation, performance of lactating dairy cows, and correlations between ruminal bacteria abundance and performance measures. Journal of Dairy Science, 2017, 100, 8102-8118.	3.4	38
11	Effects of 3 sequestering agents on milk aflatoxin M1 concentration and the performance and immune status of dairy cows fed diets artificially contaminated with aflatoxin B1. Journal of Dairy Science, 2016, 99, 6263-6273.	3.4	36
12	Effect of adding clay with or without a Saccharomyces cerevisiae fermentation product on the health and performance of lactating dairy cows challenged with dietary aflatoxin B1. Journal of Dairy Science, 2018, 101, 3008-3020.	3.4	34
13	Aflatoxin in Dairy Cows: Toxicity, Occurrence in Feedstuffs and Milk and Dietary Mitigation Strategies. Toxins, 2021, 13, 283.	3.4	34
14	Meta-analysis of effects of inoculation with Lactobacillus buchneri, with or without other bacteria, on silage fermentation, aerobic stability, and performance of dairy cows. Journal of Dairy Science, 2021, 104, 7653-7670.	3.4	31
15	Effects of live yeast on differential genetic and functional attributes of rumen microbiota in beef cattle. Journal of Animal Science and Biotechnology, 2019, 10, 68.	5.3	26
16	Monensin Alters the Functional and Metabolomic Profile of Rumen Microbiota in Beef Cattle. Animals, 2018, 8, 211.	2.3	23
17	Metatranscriptomic Analysis of Sub-Acute Ruminal Acidosis in Beef Cattle. Animals, 2019, 9, 232.	2.3	21
18	Effects of a blend of Saccharomyces cerevisiae-based direct-fed microbial and fermentation products in the diet of newly weaned beef steers: growth performance, whole-blood immune gene expression, serum biochemistry, and plasma metabolome. Journal of Animal Science, 2019, 97, 4657-4667.	0.5	17

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19	Biomarker of Aflatoxin Ingestion: 1H NMR-Based Plasma Metabolomics of Dairy Cows Fed Aflatoxin B1 with or without Sequestering Agents. <i>Toxins</i> , 2018, 10, 545.	3.4	14
20	Effect of sequestering agents based on a <i>Saccharomyces cerevisiae</i> fermentation product and clay on the ruminal bacterial community of lactating dairy cows challenged with dietary aflatoxin B1. <i>Journal of Dairy Science</i> , 2020, 103, 1431-1447.	3.4	13
21	Effects of a blend of <i>Saccharomyces cerevisiae</i> -based direct-fed microbial and fermentation products on plasma carbonyl-metabolome and fecal bacterial community of beef steers. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 14.	5.3	12
22	An expansin-like protein expands forage cell walls and synergistically increases hydrolysis, digestibility and fermentation of livestock feeds by fibrolytic enzymes. <i>PLoS ONE</i> , 2019, 14, e0224381.	2.5	10
23	Comparative effects of two multispecies direct-fed microbial products on energy status, nutrient digestibility, and ruminal fermentation, bacterial community, and metabolome of beef steers. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	10
24	Short communication: Effects of a physiologically relevant concentration of aflatoxin B1 with or without sequestering agents on in vitro rumen fermentation of a dairy cow diet. <i>Journal of Dairy Science</i> , 2020, 103, 1559-1565.	3.4	9
25	Meta-analysis of the effects of dietary inclusion of sericea lespedeza (<i>Lespedeza cuneata</i>) forage on performance, digestibility, and rumen fermentation of small ruminants. <i>Livestock Science</i> , 2021, 253, 104707.	1.6	9
26	Chemical Group-Based Metabolome Analysis Identifies Candidate Plasma Biomarkers Associated With Residual Feed Intake in Beef Steers. <i>Frontiers in Animal Science</i> , 2022, 2, .	1.9	7
27	<i>Mucuna pruriens</i> detoxification: Effects of ensiling duration and particle size. <i>Animal Feed Science and Technology</i> , 2014, 198, 20-27.	2.2	6
28	Performance and utilization of nutrients in dairy cows fed with sunflower meal. <i>Journal of Agricultural Science</i> , 2018, 156, 1233-1240.	1.3	6
29	Effects of a xylanase-rich enzyme on intake, milk production, and digestibility of dairy cows fed a diet containing a high proportion of bermudagrass silage. <i>Journal of Dairy Science</i> , 2021, 104, 7671-7681.	3.4	6
30	Crambe meal subjected to chemical and physical treatments in sheep feeding. <i>Livestock Science</i> , 2017, 203, 136-140.	1.6	5
31	Effect of silage inoculants on the quality of baled whole-crop wheat silages and milking cow performance. <i>Grassland Science</i> , 2018, 64, 207-214.	1.1	5
32	Factors affecting drinking water intake and predictive models for lactating dairy cows. <i>Animal Feed Science and Technology</i> , 2019, 254, 114194.	2.2	5
33	DI/LC-MS/MS-Based Metabolome Analysis of Plasma Reveals the Effects of Sequestering Agents on the Metabolic Status of Dairy Cows Challenged with Aflatoxin B1. <i>Toxins</i> , 2019, 11, 693.	3.4	5
34	Alteration of the Canine Metabolome After a 3-Week Supplementation of Cannabidiol (CBD) Containing Treats: An Exploratory Study of Healthy Animals. <i>Frontiers in Veterinary Science</i> , 2021, 8, 685606.	2.2	5
35	Tropical plant supplementation effects on the performance and parasite burden of goats. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 208-217.	2.4	5
36	Effects of a multicomponent microbial feed additive containing prebiotics and probiotics on health, immune status, metabolism, and performance of newly weaned beef steers during a 35-d receiving period. <i>Translational Animal Science</i> , 2022, 6, .	1.1	5

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37	Meta-analysis of the effects of the dietary application of exogenous alpha-amylase preparations on performance, nutrient digestibility, and rumen fermentation of lactating dairy cows. Journal of Animal Science, 2022, 100, .	0.5	5
38	Performance, hepatic function and efficiency of nutrient utilisation of grazing dairy cows supplemented with alkaline-treated <i>Jatropha curcas</i> L. meal. Animal Production Science, 2018, 58, 2280.	1.3	4
39	Average daily gain divergence in beef steers is associated with altered plasma metabolome and whole blood immune-related gene expression. Translational Animal Science, 2020, 4, txaa074.	1.1	4
40	An inÂvitro model to study interactions between <i>Escherichia coli</i> and lactic acid bacterial inoculants for silage in rumen fluid. Letters in Applied Microbiology, 2016, 63, 60-65.	2.2	3
41	Exogenous fibrolytic enzymes and recombinant bacterial expansins synergistically improve hydrolysis and in vitro digestibility of bermudagrass haylage. Journal of Dairy Science, 2019, 102, 8059-8073.	3.4	3
42	PSIX-12 Inclusion of dried distillers grains with solubles in Lespedeza or alfalfa-based diets for meat goats is associated with a unique ruminal microbiome. Journal of Animal Science, 2020, 98, 421-421.	0.5	3
43	Lactic Acid Bacteria and Silage Fermentation. , 2019, , 275-286.		3
44	PSIX-6 Effects of a live yeast product on ruminal bacterial diversity and metabolome of beef cattle. Journal of Animal Science, 2019, 97, 395-395.	0.5	2
45	334 Effect of Dietary Supplementation of Peanut Skins with and Without Polyphenols on the Performance, Rumen Fermentation and Carcass Characteristics of Florida-native Sheep. Journal of Animal Science, 2021, 99, 185-185.	0.5	2
46	PSIX-7 1H NMR-based plasma metabolomics reveals a potential biomarker of aflatoxin ingestion in dairy cows. Journal of Animal Science, 2019, 97, 395-396.	0.5	1
47	Recombinant Technologies to Improve Ruminant Production Systems: The Past, Present and Future. Processes, 2020, 8, 1633.	2.8	1
48	Plasma Carboxyl-Metabolome Is Associated with Average Daily Gain Divergence in Beef Steers. Animals, 2021, 11, 67.	2.3	1
49	Effects of adding live <i>Saccharomyces cerevisiae</i> and <i>Aspergillus</i> -based enzyme extracts on ruminal fermentation, plasma polyamine concentrations, and fiber digestibility in beef steers fed a high-forage diet. Applied Animal Science, 2021, 37, 21-26.	1.2	1
50	Effects of Multi-Species Direct-Fed Microbial Products on Ruminal Metatranscriptome and Carboxyl-Metabolome of Beef Steers. Animals, 2021, 11, 72.	2.3	1
51	0650 Meta-analysis of the effect of homolactic and facultative heterolactic bacteria inoculation on silage quality: III Dry matter recovery, chemical composition and in vitro digestibility. Journal of Animal Science, 2016, 94, 310-311.	0.5	1
52	Effects of a blend of mannan and glucan on growth performance, apparent nutrient digestibility, energy status, and whole-blood immune gene expression of beef steers during a 42-d receiving period. Translational Animal Science, 2021, 5, txaa226.	1.1	1
53	Corn and sorghum distiller grains in sheep diets. Small Ruminant Research, 2022, 212, 106710.	1.2	1
54	1524 Correlations between the abundance of specific ruminal bacteria with milk production and total tract digestibility of dairy cows fed live or killed yeast. Journal of Animal Science, 2016, 94, 740-740.	0.5	0

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55	0210 Effects of spices on in vitro enteric methane production. Journal of Animal Science, 2016, 94, 99-100.	0.5	0
56	0683 Meta-analysis of the effect of homolactic and facultative heterolactic bacteria inoculation on silage quality: I â€œ Fermentation profile. Journal of Animal Science, 2016, 94, 326-326.	0.5	0
57	0636 Meta-analysis of the effect silage inoculation with homolactic or facultative heterolactic bacteria on the performance of dairy cows. Journal of Animal Science, 2016, 94, 303-304.	0.5	0
58	PSIX-5 Effects of live yeast on functional attributes of rumen microbiota in beef cattle. Journal of Animal Science, 2019, 97, 394-395.	0.5	0
59	PSXII-2 DI/LC-MS/MS-based plasma metabolomics reveals the effects of sequestering agents on the metabolic status of dairy cows challenged with dietary aflatoxin B1. Journal of Animal Science, 2019, 97, 414-415.	0.5	0
60	PSIX-4 Metatranscriptomic analysis of sub-acute ruminal acidosis in beef cattle. Journal of Animal Science, 2019, 97, 394-394.	0.5	0
61	Visual assessment, proximate composition and cost analysis of three differently processed discarded vegetable-bovine blood-rumen content mixtures. Nigerian Journal of Animal Production, 2012, 39, 211-217.	0.1	0
62	Salmonella organism transmission in hatching broiler egggs. Nigerian Journal of Animal Production, 2014, 41, 230-234.	0.1	0
63	339 Effects of a Blend of Mannan and Glucan on Growth Performance and Immunocompetence of Newly Weaned Beef Steers. Journal of Animal Science, 2021, 99, 189-190.	0.5	0
64	PSVIII-8 Genetic parameters for parasite resistance in an endangered and heritage sheep breed from Florida. Journal of Animal Science, 2021, 99, 242-242.	0.5	0
65	PSXI-28 Effect of pre-slaughter transport stress on carcass weight, rumen fermentation and bacterial community of growing goats. Journal of Animal Science, 2021, 99, 484-484.	0.5	0
66	PSVIII-10 Genome-wide CNV analysis unravels a deletion associated with parasite resistance in Florida native sheep. Journal of Animal Science, 2021, 99, 243-244.	0.5	0
67	1456 Essential oils from three tropical Citrus species can reduce in vitro enteric methane production. Journal of Animal Science, 2016, 94, 707-707.	0.5	0
68	PSII-1 Beef steers divergent in average daily gain have differential expressions of immunity-related genes in whole blood. Journal of Animal Science, 2020, 98, 399-400.	0.5	0
69	PSII-6 Comparative effects of two multi-species direct-fed microbial products on rumen fermentation, bacterial community and metabolome of beef steers. Journal of Animal Science, 2020, 98, 398-398.	0.5	0
70	PSVI-13 Effects of Saccharomyces cerevisiae and Aspergillus-based enzyme extracts on rumen fermentation, fiber digestibility, and plasma metabolome of beef steers fed red clover/orchard hay. Journal of Animal Science, 2020, 98, 434-434.	0.5	0
71	PSVI-2 Effects of dietary supplementation of a Saccharomyces cerevisiae-based direct-fed microbial product on plasma carbonyl-metabolome and fecal bacterial community of beef steers. Journal of Animal Science, 2020, 98, 430-430.	0.5	0
72	PSVI-3 Effects of dietary supplementation of multi-species direct-fed microbial products on energy status, apparent nutrient digestibility, and rumen metatranscriptome of beef steers. Journal of Animal Science, 2020, 98, 435-436.	0.5	0

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73	PSII-2 Beef steers with divergent average daily gain have altered plasma amine/phenol-metabolome. Journal of Animal Science, 2020, 98, 399-399.	0.5	0
74	PSIX-22 Performance, whole-blood immune gene expression, and plasma metabolome of beef steers fed diet supplemented with a <i>Saccharomyces cerevisiae</i> -based direct-fed microbial product. Journal of Animal Science, 2020, 98, 420-421.	0.5	0