

Ibukun Ogunade

List of Publications by Year in descending order

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74
papers

1,462
citations

471061

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#	ARTICLE	IF	CITATIONS
1	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, .	0.8	7
2	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, .	0.4	5
3	Corn and sorghum distiller grains in sheep diets. <i>Small Ruminant Research</i> , 2022, 212, 106710.	0.6	1
4	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. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
5	Plasma Carboxyl-Metabolome Is Associated with Average Daily Gain Divergence in Beef Steers. <i>Animals</i> , 2021, 11, 67.	1.0	1
6	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. <i>Applied Animal Science</i> , 2021, 37, 21-26.	0.4	1
7	Aflatoxin in Dairy Cows: Toxicity, Occurrence in Feedstuffs and Milk and Dietary Mitigation Strategies. <i>Toxins</i> , 2021, 13, 283.	1.5	34
8	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.	1.4	6
9	Meta-analysis of effects of inoculation with <i>Lactobacillus buchneri</i> , with or without other bacteria, on silage fermentation, aerobic stability, and performance of dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 7653-7670.	1.4	31
10	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.	0.9	5
11	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.	0.6	9
12	Effects of Multi-Species Direct-Fed Microbial Products on Ruminal Metatranscriptome and Carboxyl-Metabolome of Beef Steers. <i>Animals</i> , 2021, 11, 72.	1.0	1
13	339 Effects of a Blend of Mannan and Glucan on Growth Performance and Immunocompetence of Newly Weaned Beef Steers. <i>Journal of Animal Science</i> , 2021, 99, 189-190.	0.2	0
14	PSVIII-8 Genetic parameters for parasite resistance in an endangered and heritage sheep breed from Florida. <i>Journal of Animal Science</i> , 2021, 99, 242-242.	0.2	0
15	PSXI-28 Effect of pre-slaughter transport stress on carcass weight, rumen fermentation and bacterial community of growing goats. <i>Journal of Animal Science</i> , 2021, 99, 484-484.	0.2	0
16	PSVIII-10 Genome-wide CNV analysis unravels a deletion associated with parasite resistance in Florida native sheep. <i>Journal of Animal Science</i> , 2021, 99, 243-244.	0.2	0
17	334 Effect of Dietary Supplementation of Peanut Skins with and Without Polyphenols on the Performance, Rumen Fermentation and Carcass Characteristics of Florida-native Sheep. <i>Journal of Animal Science</i> , 2021, 99, 185-185.	0.2	2
18	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. <i>Translational Animal Science</i> , 2021, 5, txaa226.	0.4	1

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19	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.	1.4	13
20	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.	1.4	9
21	Average daily gain divergence in beef steers is associated with altered plasma metabolome and whole blood immune-related gene expression. <i>Translational Animal Science</i> , 2020, 4, txaa074.	0.4	4
22	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, .	0.2	10
23	Recombinant Technologies to Improve Ruminant Production Systems: The Past, Present and Future. <i>Processes</i> , 2020, 8, 1633.	1.3	1
24	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.	2.1	12
25	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. <i>Journal of Animal Science</i> , 2020, 98, 421-421.	0.2	3
26	PSII-1 Beef steers divergent in average daily gain have differential expressions of immunity-related genes in whole blood. <i>Journal of Animal Science</i> , 2020, 98, 399-400.	0.2	0
27	PSII-6 Comparative effects of two multi-species direct-fed microbial products on rumen fermentation, bacterial community and metabolome of beef steers. <i>Journal of Animal Science</i> , 2020, 98, 398-398.	0.2	0
28	PSVI-13 Effects of <i>Saccharomyces cerevisiae</i> and <i>Aspergillus</i> -based enzyme extracts on rumen fermentation, fiber digestibility, and plasma metabolome of beef steers fed red clover/orchard hay. <i>Journal of Animal Science</i> , 2020, 98, 434-434.	0.2	0
29	PSVI-2 Effects of dietary supplementation of a <i>Saccharomyces cerevisiae</i> -based direct-fed microbial product on plasma carbonyl-metabolome and fecal bacterial community of beef steers. <i>Journal of Animal Science</i> , 2020, 98, 430-430.	0.2	0
30	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. <i>Journal of Animal Science</i> , 2020, 98, 435-436.	0.2	0
31	PSII-2 Beef steers with divergent average daily gain have altered plasma amine/phenol-metabolome. <i>Journal of Animal Science</i> , 2020, 98, 399-399.	0.2	0
32	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. <i>Journal of Animal Science</i> , 2020, 98, 420-421.	0.2	0
33	Effects of a blend of <i>Saccharomyces cerevisiae</i> -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 ¹ . <i>Journal of Animal Science</i> , 2019, 97, 4657-4667.	0.2	17
34	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.	1.1	10
35	Effects of live yeast on differential genetic and functional attributes of rumen microbiota in beef cattle. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 68.	2.1	26
36	Integrating 16S rRNA Sequencing and LC-MS-Based Metabolomics to Evaluate the Effects of Live Yeast on Rumen Function in Beef Cattle. <i>Animals</i> , 2019, 9, 28.	1.0	42

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37	Factors affecting drinking water intake and predictive models for lactating dairy cows. <i>Animal Feed Science and Technology</i> , 2019, 254, 114194.	1.1	5
38	Metatranscriptomic Analysis of Sub-Acute Ruminal Acidosis in Beef Cattle. <i>Animals</i> , 2019, 9, 232.	1.0	21
39	PSIX-5 Effects of live yeast on functional attributes of rumen microbiota in beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 394-395.	0.2	0
40	PSIX-7 1H NMR-based plasma metabolomics reveals a potential biomarker of aflatoxin ingestion in dairy cows. <i>Journal of Animal Science</i> , 2019, 97, 395-396.	0.2	1
41	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. <i>Journal of Animal Science</i> , 2019, 97, 414-415.	0.2	0
42	PSIX-6 Effects of a live yeast product on ruminal bacterial diversity and metabolome of beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 395-395.	0.2	2
43	PSIX-4 Metatranscriptomic analysis of sub-acute ruminal acidosis in beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 394-394.	0.2	0
44	Exogenous fibrolytic enzymes and recombinant bacterial expansins synergistically improve hydrolysis and in vitro digestibility of bermudagrass haylage. <i>Journal of Dairy Science</i> , 2019, 102, 8059-8073.	1.4	3
45	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.	1.5	5
46	Lactic Acid Bacteria and Silage Fermentation. , 2019, , 275-286.		3
47	Silage review: Animal and human health risks from silage. <i>Journal of Dairy Science</i> , 2018, 101, 4093-4110.	1.4	123
48	Effect of adding clay with or without a <i>Saccharomyces cerevisiae</i> fermentation product on the health and performance of lactating dairy cows challenged with dietary aflatoxin B1. <i>Journal of Dairy Science</i> , 2018, 101, 3008-3020.	1.4	34
49	Bacterial diversity and composition of alfalfa silage as analyzed by Illumina MiSeq sequencing: Effects of <i>Escherichia coli</i> O157:H7 and silage additives. <i>Journal of Dairy Science</i> , 2018, 101, 2048-2059.	1.4	184
50	Silage review: Foodborne pathogens in silage and their mitigation by silage additives. <i>Journal of Dairy Science</i> , 2018, 101, 4132-4142.	1.4	109
51	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.	0.6	5
52	Silage review: Mycotoxins in silage: Occurrence, effects, prevention, and mitigation. <i>Journal of Dairy Science</i> , 2018, 101, 4034-4059.	1.4	139
53	Performance and utilization of nutrients in dairy cows fed with sunflower meal. <i>Journal of Agricultural Science</i> , 2018, 156, 1233-1240.	0.6	6
54	Monensin Alters the Functional and Metabolomic Profile of Rumen Microbiota in Beef Cattle. <i>Animals</i> , 2018, 8, 211.	1.0	23

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55	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.	1.5	14
56	Performance, hepatic function and efficiency of nutrient utilisation of grazing dairy cows supplemented with alkaline-treated <i>Jatropha curcas</i> L. meal. <i>Animal Production Science</i> , 2018, 58, 2280.	0.6	4
57	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
58	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. <i>Journal of Dairy Science</i> , 2017, 100, 4587-4603.	1.4	247
59	Fate of <i>Escherichia coli</i> O157:H7 and bacterial diversity in corn silage contaminated with the pathogen and treated with chemical or microbial additives. <i>Journal of Dairy Science</i> , 2017, 100, 1780-1794.	1.4	80
60	Crambe meal subjected to chemical and physical treatments in sheep feeding. <i>Livestock Science</i> , 2017, 203, 136-140.	0.6	5
61	Effects of the dose and viability of <i>Saccharomyces cerevisiae</i> . 2. Ruminal fermentation, performance of lactating dairy cows, and correlations between ruminal bacteria abundance and performance measures. <i>Journal of Dairy Science</i> , 2017, 100, 8102-8118.	1.4	38
62	Effects of the dose and viability of <i>Saccharomyces cerevisiae</i> . 1. Diversity of ruminal microbes as analyzed by Illumina MiSeq sequencing and quantitative PCR. <i>Journal of Dairy Science</i> , 2017, 100, 325-342.	1.4	59
63	1524 Correlations between the abundance of specific ruminal bacteria with milk production and total tract digestibility of dairy cows fed live or killed yeast. <i>Journal of Animal Science</i> , 2016, 94, 740-740.	0.2	0
64	0210 Effects of spices on in vitro enteric methane production. <i>Journal of Animal Science</i> , 2016, 94, 99-100.	0.2	0
65	0683 Meta-analysis of the effect of homolactic and facultative heterolactic bacteria inoculation on silage quality: I â€œ Fermentation profile. <i>Journal of Animal Science</i> , 2016, 94, 326-326.	0.2	0
66	An in vitro model to study interactions between <i>Escherichia coli</i> and lactic acid bacterial inoculants for silage in rumen fluid. <i>Letters in Applied Microbiology</i> , 2016, 63, 60-65.	1.0	3
67	Control of <i>Escherichia coli</i> O157:H7 in contaminated alfalfa silage: Effects of silage additives. <i>Journal of Dairy Science</i> , 2016, 99, 4427-4436.	1.4	45
68	0636 Meta-analysis of the effect silage inoculation with homolactic or facultative heterolactic bacteria on the performance of dairy cows. <i>Journal of Animal Science</i> , 2016, 94, 303-304.	0.2	0
69	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. <i>Journal of Dairy Science</i> , 2016, 99, 6263-6273.	1.4	36
70	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. <i>Journal of Animal Science</i> , 2016, 94, 310-311.	0.2	1
71	1456 Essential oils from three tropical Citrus species can reduce in vitro enteric methane production. <i>Journal of Animal Science</i> , 2016, 94, 707-707.	0.2	0
72	<i>Mucuna pruriens</i> detoxification: Effects of ensiling duration and particle size. <i>Animal Feed Science and Technology</i> , 2014, 198, 20-27.	1.1	6

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73	Salmonella organism transmission in hatching broiler egggs. Nigerian Journal of Animal Production, 2014, 41, 230-234.	0.0	0
74	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.	0.0	0