

Ibukun Ogunade

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,462
citations

471061

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times ranked

1111
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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. <i>Journal of Dairy Science</i> , 2017, 100, 4587-4603. | 1.4 | 247 |
| 2 | 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 |
| 3 | Silage review: Mycotoxins in silage: Occurrence, effects, prevention, and mitigation. <i>Journal of Dairy Science</i> , 2018, 101, 4034-4059. | 1.4 | 139 |
| 4 | Silage review: Animal and human health risks from silage. <i>Journal of Dairy Science</i> , 2018, 101, 4093-4110. | 1.4 | 123 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 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. <i>Journal of Dairy Science</i> , 2016, 99, 6263-6273. | 1.4 | 36 |
| 12 | 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 |
| 13 | Aflatoxin in Dairy Cows: Toxicity, Occurrence in Feedstuffs and Milk and Dietary Mitigation Strategies. <i>Toxins</i> , 2021, 13, 283. | 1.5 | 34 |
| 14 | 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 |
| 15 | 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 |
| 16 | Monensin Alters the Functional and Metabolomic Profile of Rumen Microbiota in Beef Cattle. <i>Animals</i> , 2018, 8, 211. | 1.0 | 23 |
| 17 | Metatranscriptomic Analysis of Sub-Acute Ruminal Acidosis in Beef Cattle. <i>Animals</i> , 2019, 9, 232. | 1.0 | 21 |
| 18 | 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. <i>Journal of Animal Science</i> , 2019, 97, 4657-4667. | 0.2 | 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. | 1.5 | 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. | 1.4 | 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. | 2.1 | 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. | 1.1 | 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, . | 0.2 | 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. | 1.4 | 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. | 0.6 | 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, . | 0.8 | 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. | 1.1 | 6 |
| 28 | 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 |
| 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. | 1.4 | 6 |
| 30 | Crambe meal subjected to chemical and physical treatments in sheep feeding. <i>Livestock Science</i> , 2017, 203, 136-140. | 0.6 | 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. | 0.6 | 5 |
| 32 | 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 |
| 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. | 1.5 | 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. | 0.9 | 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, . | 0.4 | 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. <i>Journal of Animal Science</i> , 2022, 100, . | 0.2 | 5 |
| 38 | 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 |
| 39 | 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, txa074. | 0.4 | 4 |
| 40 | 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 |
| 41 | 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 |
| 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. <i>Journal of Animal Science</i> , 2020, 98, 421-421. | 0.2 | 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. <i>Journal of Animal Science</i> , 2019, 97, 395-395. | 0.2 | 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. <i>Journal of Animal Science</i> , 2021, 99, 185-185. | 0.2 | 2 |
| 46 | 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 |
| 47 | Recombinant Technologies to Improve Ruminant Production Systems: The Past, Present and Future. <i>Processes</i> , 2020, 8, 1633. | 1.3 | 1 |
| 48 | Plasma Carboxyl-Metabolome Is Associated with Average Daily Gain Divergence in Beef Steers. <i>Animals</i> , 2021, 11, 67. | 1.0 | 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. <i>Applied Animal Science</i> , 2021, 37, 21-26. | 0.4 | 1 |
| 50 | 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 |
| 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. <i>Journal of Animal Science</i> , 2016, 94, 310-311. | 0.2 | 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. <i>Translational Animal Science</i> , 2021, 5, txa0226. | 0.4 | 1 |
| 53 | Corn and sorghum distiller grains in sheep diets. <i>Small Ruminant Research</i> , 2022, 212, 106710. | 0.6 | 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. <i>Journal of Animal Science</i> , 2016, 94, 740-740. | 0.2 | 0 |

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|----|--|-----|-----------|
| 55 | 0210 Effects of spices on in vitro enteric methane production. Journal of Animal Science, 2016, 94, 99-100. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 0 |
| 60 | PSIX-4 Metatranscriptomic analysis of sub-acute ruminal acidosis in beef cattle. Journal of Animal Science, 2019, 97, 394-394. | 0.2 | 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. | 0.0 | 0 |
| 62 | Salmonella organism transmission in hatching broiler egggs. Nigerian Journal of Animal Production, 2014, 41, 230-234. | 0.0 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 0 |
| 68 | PSI-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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 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. | 0.2 | 0 |