

Andres A Pech-Cervantes

List of Publications by Year in descending order

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34
papers

779
citations

1039406

9
h-index

580395

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all docs

35
docs citations

35
times ranked

614
citing authors

#	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	Lactational performance of dairy cows in response to supplementing N-acetyl-L-methionine as source of rumen-protected methionine. <i>Journal of Dairy Science</i> , 2022, 105, 2301-2314.	1.4	3
3	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
4	CYP1A2, 2A13, and 3A4 network and interaction with aflatoxin B ₁ . <i>World Mycotoxin Journal</i> , 2021, 14, 179-189.	0.8	1
5	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
6	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
7	Effect of <i>Lactobacillus hilgardii</i> , <i>Lactobacillus buchneri</i> , or their combination on the fermentation and nutritive value of sorghum silage and corn silage. <i>Journal of Dairy Science</i> , 2021, 104, 9664-9675.	1.4	14
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Effects of exogenous α -amylases, glucoamylases, and proteases on ruminal in vitro dry matter and starch digestibility, gas production, and volatile fatty acids of mature dent corn grain. <i>Translational Animal Science</i> , 2021, 5, txaa222.	0.4	6
16	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
17	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
18	Recombinant Technologies to Improve Ruminant Production Systems: The Past, Present and Future. <i>Processes</i> , 2020, 8, 1633.	1.3	1

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Metatranscriptomic Analysis of Sub-Acute Ruminal Acidosis in Beef Cattle. <i>Animals</i> , 2019, 9, 232.	1.0	21
27	Symposium review: Technologies for improving fiber utilization. <i>Journal of Dairy Science</i> , 2019, 102, 5726-5755.	1.4	73
28	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
29	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
30	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
31	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
32	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
33	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
34	Relationship between intake of tannin-containing tropical tree forage, PEG supplementation, and salivary haze development in hair sheep and goats. <i>Biochemical Systematics and Ecology</i> , 2016, 68, 101-108.	0.6	10