

A F Brito

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,239
citations

394421

19
h-index

377865

34
g-index

49
all docs

49
docs citations

49
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Supplementation of <i>Ascophyllum nodosum</i> meal and monensin: Effects on diversity and relative abundance of ruminal bacterial taxa and the metabolism of iodine and arsenic in lactating dairy cows. <i>Journal of Dairy Science</i> , 2022, 105, 4083-4098.	3.4	6
2	Replacing soybean meal with okara meal: Effects on production, milk fatty acid and plasma amino acid profile, and nutrient utilization in dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 3109-3122.	3.4	9
3	Dietary starch level and rumen-protected methionine, lysine, and histidine: Effects on milk yield, nitrogen, and energy utilization in dairy cows fed diets low in metabolizable protein. <i>Journal of Dairy Science</i> , 2021, 104, 9784-9800.	3.4	7
4	Omasal flow of nonstructural carbohydrates and nitrogenous compounds in lactating dairy cows fed diets containing timothy cut in the afternoon or morning. <i>Journal of Dairy Science</i> , 2021, 104, 12459-12471.	3.4	0
5	Assessing the potential of milk iodine intake to mitigate iodine deficiency in pregnant women of the United States via supplementation of <i>Ascophyllum nodosum</i> meal to dairy cows: A sensitivity analysis. <i>Journal of Dairy Science</i> , 2020, 103, 6798-6809.	3.4	4
6	Comparative analysis of the skim milk and milk fat globule membrane proteomes produced by Jersey cows grazing pastures with different plant species diversity. <i>Journal of Dairy Science</i> , 2020, 103, 7498-7508.	3.4	4
7	Liquid molasses interacts with buffers to affect ruminal fermentation, milk fatty acid profile, and milk fat synthesis in dairy cows fed high-concentrate diets. <i>Journal of Dairy Science</i> , 2020, 103, 4327-4339.	3.4	11
8	Symposium review: Comparisons of feed and milk nitrogen efficiency and carbon emissions in organic versus conventional dairy production systems. <i>Journal of Dairy Science</i> , 2020, 103, 5726-5739.	3.4	21
9	Production and nitrogen metabolism in lactating dairy cows fed finely ground field pea plus soybean meal or canola meal with or without rumen-protected methionine supplementation. <i>Journal of Dairy Science</i> , 2020, 103, 3161-3176.	3.4	9
10	Production, milk iodine, and nutrient utilization in Jersey cows supplemented with the brown seaweed <i>Ascophyllum nodosum</i> (kelp meal) during the grazing season. <i>Journal of Dairy Science</i> , 2019, 102, 8040-8058.	3.4	35
11	Incremental amounts of rumen-protected histidine increase plasma and muscle histidine concentrations and milk protein yield in dairy cows fed a metabolizable protein-deficient diet. <i>Journal of Dairy Science</i> , 2019, 102, 4138-4154.	3.4	21
12	Production, milk fatty acid profile, and nutrient utilization in grazing dairy cows supplemented with ground flaxseed. <i>Journal of Dairy Science</i> , 2019, 102, 1294-1311.	3.4	27
13	Symposium review: Uncertainties in enteric methane inventories, measurement techniques, and prediction models. <i>Journal of Dairy Science</i> , 2018, 101, 6655-6674.	3.4	103
14	Replacing ground corn with incremental amounts of liquid molasses does not change milk enterolactone but decreases production in dairy cows fed flaxseed meal. <i>Journal of Dairy Science</i> , 2018, 101, 2096-2109.	3.4	15
15	Production, milk and plasma fatty acid profile, and nutrient utilization in Jersey cows fed flaxseed oil and corn grain with different particle size. <i>Journal of Dairy Science</i> , 2018, 101, 2127-2143.	3.4	14
16	The impact of direct-fed microbials and enzymes on the health and performance of dairy cows with emphasis on colostrum quality and serum immunoglobulin concentrations in calves. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e641-e652.	2.2	13
17	Production and nitrogen utilization in lactating dairy cows fed ground field peas with or without ruminally protected lysine and methionine. <i>Journal of Dairy Science</i> , 2017, 100, 6239-6255.	3.4	20
18	Effect of feeding warm-season annuals with orchardgrass on ruminal fermentation and methane output in continuous culture. <i>Journal of Dairy Science</i> , 2017, 100, 1179-1188.	3.4	9

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19	The plasma free amino acid dose-response technique: A proposed methodology for determining lysine relative bioavailability of rumen-protected lysine supplements. <i>Journal of Dairy Science</i> , 2017, 100, 9585-9601.	3.4	23
20	Short communication: The mammalian lignan enterolactone is absorbed by newborn dairy calves fed enterolactone-enriched milk. <i>Journal of Dairy Science</i> , 2017, 100, 8170-8175.	3.4	3
21	Production performance and milk fatty acid profile in grazing dairy cows offered ground corn or liquid molasses as the sole supplemental nonstructural carbohydrate source. <i>Journal of Dairy Science</i> , 2017, 100, 8146-8160.	3.4	17
22	Effect of starchy or fibrous carbohydrate supplementation of orchardgrass on ruminal fermentation and methane output in continuous culture. <i>Journal of Dairy Science</i> , 2016, 99, 4464-4475.	3.4	6
23	Performance and nitrogen use efficiency in mid-lactation dairy cows fed timothy cut in the afternoon or morning. <i>Journal of Dairy Science</i> , 2016, 99, 5445-5460.	3.4	8
24	Incremental amounts of ground flaxseed decrease milk yield but increase n-3 fatty acids and conjugated linoleic acids in dairy cows fed high-forage diets ¹ . <i>Journal of Dairy Science</i> , 2015, 98, 4785-4799.	3.4	18
25	Incremental amounts of <i>Ascophyllum nodosum</i> meal do not improve animal performance but do increase milk iodine output in early lactation dairy cows fed high-forage diets. <i>Journal of Dairy Science</i> , 2015, 98, 1991-2004.	3.4	42
26	Short communication: Use of a portable, automated, open-circuit gas quantification system and the sulfur hexafluoride tracer technique for measuring enteric methane emissions in Holstein cows fed ad libitum or restricted. <i>Journal of Dairy Science</i> , 2015, 98, 2676-2681.	3.4	31
27	Short communication: Feeding red clover cut in the afternoon or morning to late-lactation dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 7335-7339.	3.4	3
28	Integrating spot short-term measurements of carbon emissions and backward dietary energy partition calculations to estimate intake in lactating dairy cows fed ad libitum or restricted. <i>Journal of Dairy Science</i> , 2015, 98, 8913-8925.	3.4	7
29	Interactions of corn meal or molasses with a soybean-sunflower meal mix or flaxseed meal on production, milk fatty acid composition, and nutrient utilization in dairy cows fed grass hay-based diets. <i>Journal of Dairy Science</i> , 2015, 98, 443-457.	3.4	31
30	Effect of sprouted barley grain supplementation of an herbage-based or haylage-based diet on ruminal fermentation and methane output in continuous culture. <i>Journal of Dairy Science</i> , 2014, 97, 7856-7869.	3.4	13
31	Short dry period management improves peripartum ruminal adaptation in dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 7655-7667.	3.4	17
32	Alfalfa baleage with increased concentration of nonstructural carbohydrates supplemented with a corn-based concentrate did not improve production and nitrogen utilization in early lactation dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 6970-6990.	3.4	14
33	Effect of supplementing orchardgrass herbage with a total mixed ration or flaxseed on fermentation profile and bacterial protein synthesis in continuous culture. <i>Journal of Dairy Science</i> , 2013, 96, 3228-3237.	3.4	25
34	Short communication: Effect of oilseed supplementation of an herbage diet on ruminal fermentation in continuous culture. <i>Journal of Dairy Science</i> , 2013, 96, 2551-2556.	3.4	5
35	Assessing the research and education needs of the organic dairy industry in the northeastern United States. <i>Journal of Dairy Science</i> , 2013, 96, 7340-7348.	3.4	17
36	Effect of time of cutting and maceration on nutrient flow, microbial protein synthesis, and digestibility in dual-flow continuous culture ¹ . <i>Journal of Animal Science</i> , 2013, 91, 1765-1774.	0.5	5

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37	Effect of incremental flaxseed supplementation of an herbage diet on methane output and ruminal fermentation in continuous culture. <i>Journal of Dairy Science</i> , 2012, 95, 3961-3969.	3.4	19
38	Short communication: Addition of sodium bicarbonate to maternal colostrum: Effects on immunoglobulin g absorption and hematocrit in neonatal calves. <i>Journal of Dairy Science</i> , 2012, 95, 5331-5335.	3.4	3
39	Short communication: Addition of varying amounts of sodium bicarbonate to colostrum replacer: Effects on immunoglobulin G absorption and serum bicarbonate in neonatal calves. <i>Journal of Dairy Science</i> , 2011, 94, 5656-5660.	3.4	9
40	Effects of nonstructural carbohydrate concentration in alfalfa on fermentation and microbial protein synthesis in continuous culture. <i>Journal of Dairy Science</i> , 2010, 93, 693-700.	3.4	44
41	Alfalfa cut at sundown and harvested as baleage increases bacterial protein synthesis in late-lactation dairy cows. <i>Journal of Dairy Science</i> , 2009, 92, 1092-1107.	3.4	60
42	Alfalfa Cut at Sundown and Harvested as Baleage Improves Milk Yield of Late-Lactation Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 3968-3982.	3.4	68
43	Omasal Flow of Soluble Proteins, Peptides, and Free Amino Acids in Dairy Cows Fed Diets Supplemented with Proteins of Varying Ruminal Degradabilities. <i>Journal of Dairy Science</i> , 2007, 90, 1887-1903.	3.4	62
44	Effects of Different Protein Supplements on Milk Production and Nutrient Utilization in Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 1816-1827.	3.4	101
45	Effects of Different Protein Supplements on Omasal Nutrient Flow and Microbial Protein Synthesis in Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 1828-1841.	3.4	62
46	Effects of Feeding Formate-Treated Alfalfa Silage or Red Clover Silage on the Production of Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 1378-1391.	3.4	43
47	Effects of Feeding Formate-Treated Alfalfa Silage or Red Clover Silage on Omasal Nutrient Flow and Microbial Protein Synthesis in Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 1392-1404.	3.4	32
48	Effect of Varying Dietary Ratios of Alfalfa Silage to Corn Silage on Production and Nitrogen Utilization in Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2006, 89, 3924-3938.	3.4	78
49	Effect of Varying Dietary Ratios of Alfalfa Silage to Corn Silage on Omasal Flow and Microbial Protein Synthesis in Dairy Cows. <i>Journal of Dairy Science</i> , 2006, 89, 3939-3953.	3.4	45