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List of Publications by Year
in descending order

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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	Symposium review: Uncertainties in enteric methane inventories, measurement techniques, and prediction models. Journal of Dairy Science, 2018, 101, 6655-6674.	3.4	103
2	Effects of Different Protein Supplements on Milk Production and Nutrient Utilization in Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 1816-1827.	3.4	101
3	Effect of Varying Dietary Ratios of Alfalfa Silage to Corn Silage on Production and Nitrogen Utilization in Lactating Dairy Cows. Journal of Dairy Science, 2006, 89, 3924-3938.	3.4	78
4	Alfalfa Cut at Sundown and Harvested as Baleage Improves Milk Yield of Late-Lactation Dairy Cows. Journal of Dairy Science, 2008, 91, 3968-3982.	3.4	68
5	Omasal Flow of Soluble Proteins, Peptides, and Free Amino Acids in Dairy Cows Fed Diets Supplemented with Proteins of Varying Ruminal Degradabilities. Journal of Dairy Science, 2007, 90, 1887-1903.	3.4	62
6	Effects of Different Protein Supplements on Omasal Nutrient Flow and Microbial Protein Synthesis in Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 1828-1841.	3.4	62
7	Alfalfa cut at sundown and harvested as baleage increases bacterial protein synthesis in late-lactation dairy cows. Journal of Dairy Science, 2009, 92, 1092-1107.	3.4	60
8	Effect of Varying Dietary Ratios of Alfalfa Silage to Corn Silage on Omasal Flow and Microbial Protein Synthesis in Dairy Cows. Journal of Dairy Science, 2006, 89, 3939-3953.	3.4	45
9	Effects of nonstructural carbohydrate concentration in alfalfa on fermentation and microbial protein synthesis in continuous culture. Journal of Dairy Science, 2010, 93, 693-700.	3.4	44
10	Effects of Feeding Formate-Treated Alfalfa Silage or Red Clover Silage on the Production of Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 1378-1391.	3.4	43
11	Incremental amounts of Ascophyllum nodosum meal do not improve animal performance but do increase milk iodine output in early lactation dairy cows fed high-forage diets. Journal of Dairy Science, 2015, 98, 1991-2004.	3.4	42
12	Production, milk iodine, and nutrient utilization in Jersey cows supplemented with the brown seaweed Ascophyllum nodosum (kelp meal) during the grazing season. Journal of Dairy Science, 2019, 102, 8040-8058.	3.4	35
13	Effects of Feeding Formate-Treated Alfalfa Silage or Red Clover Silage on Omasal Nutrient Flow and Microbial Protein Synthesis in Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 1392-1404.	3.4	32
14	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. Journal of Dairy Science, 2015, 98, 2676-2681.	3.4	31
15	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. Journal of Dairy Science, 2015, 98, 443-457.	3.4	31
16	Production, milk fatty acid profile, and nutrient utilization in grazing dairy cows supplemented with ground flaxseed. Journal of Dairy Science, 2019, 102, 1294-1311.	3.4	27
17	Effect of supplementing orchardgrass herbage with a total mixed ration or flaxseed on fermentation profile and bacterial protein synthesis in continuous culture. Journal of Dairy Science, 2013, 96, 3228-3237.	3.4	25
18	The plasma free amino acid dose-response technique: A proposed methodology for determining lysine relative bioavailability of rumen-protected lysine supplements. Journal of Dairy Science, 2017, 100, 9585-9601.	3.4	23

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19	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. Journal of Dairy Science, 2019, 102, 4138-4154.	3.4	21
20	Symposium review: Comparisons of feed and milk nitrogen efficiency and carbon emissions in organic versus conventional dairy production systems. Journal of Dairy Science, 2020, 103, 5726-5739.	3.4	21
21	Production and nitrogen utilization in lactating dairy cows fed ground field peas with or without ruminally protected lysine and methionine. Journal of Dairy Science, 2017, 100, 6239-6255.	3.4	20
22	Effect of incremental flaxseed supplementation of an herbage diet on methane output and ruminal fermentation in continuous culture. Journal of Dairy Science, 2012, 95, 3961-3969.	3.4	19
23	Incremental amounts of ground flaxseed decrease milk yield but increase n-3 fatty acids and conjugated linoleic acids in dairy cows fed high-forage diets1. Journal of Dairy Science, 2015, 98, 4785-4799.	3.4	18
24	Assessing the research and education needs of the organic dairy industry in the northeastern United States. Journal of Dairy Science, 2013, 96, 7340-7348.	3.4	17
25	Short dry period management improves peripartum ruminal adaptation in dairy cows. Journal of Dairy Science, 2014, 97, 7655-7667.	3.4	17
26	Production performance and milk fatty acid profile in grazing dairy cows offered ground corn or liquid molasses as the sole supplemental nonstructural carbohydrate source. Journal of Dairy Science, 2017, 100, 8146-8160.	3.4	17
27	Replacing ground corn with incremental amounts of liquid molasses does not change milk enterolactone but decreases production in dairy cows fed flaxseed meal. Journal of Dairy Science, 2018, 101, 2096-2109.	3.4	15
28	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. Journal of Dairy Science, 2014, 97, 6970-6990.	3.4	14
29	Production, milk and plasma fatty acid profile, and nutrient utilization in Jersey cows fed flaxseed oil and corn grain with different particle size. Journal of Dairy Science, 2018, 101, 2127-2143.	3.4	14
30	Effect of sprouted barley grain supplementation of an herbage-based or haylage-based diet on ruminal fermentation and methane output in continuous culture. Journal of Dairy Science, 2014, 97, 7856-7869.	3.4	13
31	The impact of directâ€fed microbials and enzymes on the health and performance of dairy cows with emphasis on colostrum quality and serum immunoglobulin concentrations in calves. Journal of Animal Physiology and Animal Nutrition, 2018, 102, e641-e652.	2.2	13
32	Liquid molasses interacts with buffers to affect ruminal fermentation, milk fatty acid profile, and milk fat synthesis in dairy cows fed high-concentrate diets. Journal of Dairy Science, 2020, 103, 4327-4339.	3.4	11
33	Short communication: Addition of varying amounts of sodium bicarbonate to colostrum replacer: Effects on immunoglobulin G absorption and serum bicarbonate in neonatal calves. Journal of Dairy Science, 2011, 94, 5656-5660.	3.4	9
34	Effect of feeding warm-season annuals with orchardgrass on ruminal fermentation and methane output in continuous culture. Journal of Dairy Science, 2017, 100, 1179-1188.	3.4	9
35	Replacing soybean meal with okara meal: Effects on production, milk fatty acid and plasma amino acid profile, and nutrient utilization in dairy cows. Journal of Dairy Science, 2021, 104, 3109-3122.	3.4	9
36	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. Journal of Dairy Science, 2020, 103, 3161-3176.	3.4	9

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37	Performance and nitrogen use efficiency in mid-lactation dairy cows fed timothy cut in the afternoon or morning. Journal of Dairy Science, 2016, 99, 5445-5460.	3.4	8
38	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. Journal of Dairy Science, 2015, 98, 8913-8925.	3.4	7
39	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. Journal of Dairy Science, 2021, 104, 9784-9800.	3.4	7
40	Effect of starchy or fibrous carbohydrate supplementation of orchardgrass on ruminal fermentation and methane output in continuous culture. Journal of Dairy Science, 2016, 99, 4464-4475.	3.4	6
41	Supplementation of Ascophyllum nodosum meal and monensin: Effects on diversity and relative abundance of ruminal bacterial taxa and the metabolism of iodine and arsenic in lactating dairy cows. Journal of Dairy Science, 2022, 105, 4083-4098.	3.4	6
42	Short communication: Effect of oilseed supplementation of an herbage diet on ruminal fermentation in continuous culture. Journal of Dairy Science, 2013, 96, 2551-2556.	3.4	5
43	Effect of time of cutting and maceration on nutrient flow, microbial protein synthesis, and digestibility in dual-flow continuous culture1. Journal of Animal Science, 2013, 91, 1765-1774.	0.5	5
44	Assessing the potential of milk iodine intake to mitigate iodine deficiency in pregnant women of the United States via supplementation of Ascophyllum nodosum meal to dairy cows: A sensitivity analysis. Journal of Dairy Science, 2020, 103, 6798-6809.	3.4	4
45	Comparative analysis of the skim milk and milk fat globule membrane proteomes produced by Jersey cows grazing pastures with different plant species diversity. Journal of Dairy Science, 2020, 103, 7498-7508.	3.4	4
46	Short communication: Addition of sodium bicarbonate to maternal colostrum: Effects on immunoglobulin g absorption and hematocrit in neonatal calves. Journal of Dairy Science, 2012, 95, 5331-5335.	3.4	3
47	Short communication: Feeding red clover cut in the afternoon or morning to late-lactation dairy cows. Journal of Dairy Science, 2015, 98, 7335-7339.	3.4	3
48	Short communication: The mammalian lignan enterolactone is absorbed by newborn dairy calves fed enterolactone-enriched milk. Journal of Dairy Science, 2017, 100, 8170-8175.	3.4	3
49	Omasal flow of nonstructural carbohydrates and nitrogenous compounds in lactating dairy cows fed diets containing timothy cut in the afternoon or morning. Journal of Dairy Science, 2021, 104, 12459-12471.	3.4	0