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List of Publications by Year
in descending order

58 papers	4,822 citations	117625 34 h-index	144013 57 g-index
58 all docs	58 docs citations	58 times ranked	2078 citing authors

#	Article	IF	Citations
1	Silage review: Interpretation of chemical, microbial, and organoleptic components of silages. Journal of Dairy Science, 2018, 101, 4020-4033.	3.4	626
2	Silage review: Recent advances and future uses of silage additives. Journal of Dairy Science, 2018, 101, 3980-4000.	3.4	517
3	The Effect of Lactobacillus buchneri, Lactobacillus plantarum, or a Chemical Preservative on the Fermentation and Aerobic Stability of Corn Silage. Journal of Dairy Science, 2000, 83, 526-535.	3.4	281
4	A Meta-Analysis of the Effects of Lactobacillus buchneri on the Fermentation and Aerobic Stability of Corn and Grass and Small-Grain Silages. Journal of Dairy Science, 2006, 89, 4005-4013.	3.4	253
5	The Effect of Lactobacillus buchneri and Other Additives on the Fermentation and Aerobic Stability of Barley Silage. Journal of Dairy Science, 2001, 84, 1149-1155.	3.4	237
6	The Effects of Various Antifungal Additives on the Fermentation and Aerobic Stability of Corn Silage. Journal of Dairy Science, 2005, 88, 2130-2139.	3.4	170
7	The effect of Lactobacillus buchneri 40788 or Lactobacillus plantarum MTD-1 on the fermentation and aerobic stability of corn silages ensiled at two dry matter contents. Journal of Dairy Science, 2009, 92, 3907-3914.	3.4	153
8	The Effect of Treating Alfalfa with Lactobacillus buchneri 40788 on Silage Fermentation, Aerobic Stability, and Nutritive Value for Lactating Dairy Cows. Journal of Dairy Science, 2003, 86, 336-343.	3.4	142
9	Microbial Populations, Fermentation End-Products, and Aerobic Stability of Corn Silage Treated with Ammonia or a Propionic Acid-Based Preservative. Journal of Dairy Science, 2000, 83, 1479-1486.	3.4	141
10	Effects of combining Lactobacillus buchneri 40788 with various lactic acid bacteria on the fermentation and aerobic stability of corn silage. Animal Feed Science and Technology, 2010, 159, 105-109.	2.2	133
11	The Effect of Treating Forages with Fibrolytic Enzymes on its Nutritive Value and Lactation Performance of Dairy Cows. Journal of Dairy Science, 2000, 83, 115-122.	3.4	125
12	The Effect of Preservatives Based on Propionic Acid on the Fermentation and Aerobic Stability of Corn Silage and a Total Mixed Ration. Journal of Dairy Science, 1998, 81, 1322-1330.	3.4	124
13	The effects of Lactobacillus buchneri with or without a homolactic bacterium on the fermentation and aerobic stability of corn silages made at different locations. Journal of Dairy Science, 2010, 93, 1616-1624.	3.4	115
14	Preventing in vitro lactate accumulation in ruminal fermentations by inoculation with Megasphaera elsdenii.. Journal of Animal Science, 1995, 73, 250.	0.5	107
15	The effects of hybrid, maturity, and length of storage on the composition and nutritive value of corn silage. Journal of Dairy Science, 2012, 95, 5115-5126.	3.4	106
16	The Effects of Lactobacillus buchneri 40788 and Pediococcus pentosaceus R1094 on the Fermentation of Corn Silage. Journal of Dairy Science, 2006, 89, 3999-4004.	3.4	100
17	Effects of a Live Yeast Culture and Enzymes on In Vitro Ruminal Fermentation and Milk Production of Dairy Cows. Journal of Dairy Science, 1997, 80, 2045-2051.	3.4	90
18	The development of lactic acid bacteria and Lactobacillus buchneri and their effects on the fermentation of alfalfa silage. Journal of Dairy Science, 2009, 92, 5005-5010.	3.4	88

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19	The Effect of Lactobacillus buchneri 40788 on the Fermentation and Aerobic Stability of High Moisture Corn in Laboratory Silos. Journal of Dairy Science, 2002, 85, 1526-1532.	3.4	84
20	A Blend of Essential Plant Oils Used as an Additive to Alter Silage Fermentation or Used as a Feed Additive for Lactating Dairy Cows. Journal of Dairy Science, 2008, 91, 4793-4800.	3.4	80
21	Effect of Lactobacillus buchneri 40788 on the fermentation, aerobic stability and nutritive value of maize silage. Grass and Forage Science, 2002, 57, 73-81.	2.9	76
22	Effects of Cutting Height and Maturity on the Nutritive Value of Corn Silage for Lactating Cows,. Journal of Dairy Science, 2003, 86, 2163-2169.	3.4	67
23	The Effect of a Dry or Liquid Application of Lactobacillus plantarum MTD1 on the Fermentation of Alfalfa Silage. Journal of Dairy Science, 2001, 84, 2195-2202.	3.4	65
24	Effect of physical damage to ears of corn before harvest and treatment with various additives on the concentration of mycotoxins, silage fermentation, and aerobic stability of corn silage. Journal of Dairy Science, 2012, 95, 1428-1436.	3.4	63
25	Additives Containing Bacteria and Enzymes for Alfalfa Silage. Journal of Dairy Science, 1995, 78, 565-572.	3.4	52
26	Effect of Microbial Inoculants on the Nutritive Value of Corn Silage for Lactating Dairy Cows. Journal of Dairy Science, 1993, 76, 3763-3770.	3.4	50
27	The Effect of Fibrolytic Enzymes Sprayed onto Forages and Fed in a Total Mixed Ratio to Lactating Dairy Cows. Journal of Dairy Science, 2002, 85, 2396-2402.	3.4	50
28	The Effect of Lactobacillus buchneri 40788 on the Fermentation and Aerobic Stability of Ground and Whole High-Moisture Corn. Journal of Dairy Science, 2007, 90, 2309-2314.	3.4	49
29	The effect of a chemical additive on the fermentation and aerobic stability of high-moisture corn. Journal of Dairy Science, 2015, 98, 8904-8912.	3.4	49
30	The Effect of Silage Cutting Height on the Nutritive Value of a Normal Corn Silage Hybrid Compared with Brown Midrib Corn Silage Fed to Lactating Cows. Journal of Dairy Science, 2008, 91, 1451-1457.	3.4	47
31	A Comparison of Processed Conventional Corn Silage to Unprocessed and Processed Brown Midrib Corn Silage on Intake, Digestion, and Milk Production by Dairy Cows. Journal of Dairy Science, 2004, 87, 2519-2526.	3.4	45
32	Identification of the major yeasts isolated from high moisture corn and corn silages in the United States using genetic and biochemical methods. Journal of Dairy Science, 2017, 100, 1151-1160.	3.4	43
33	Effects of 9,10 anthraquinone on ruminal fermentation, total-tract digestion, and blood metabolite concentrations in sheep1. Journal of Animal Science, 2003, 81, 323-328.	0.5	39
34	Effects of an exogenous protease on the fermentation and nutritive value of corn silage harvested at different dry matter contents and ensiled for various lengths of time. Journal of Dairy Science, 2014, 97, 3053-3060.	3.4	39
35	An evaluation of the effectiveness of a chemical additive based on sodium benzoate, potassium sorbate, and sodium nitrite on the fermentation and aerobic stability of corn silage. Journal of Dairy Science, 2018, 101, 5949-5960.	3.4	39
36	The Effects of Buffered Propionic Acid-Based Additives Alone or Combined with Microbial Inoculation on the Fermentation of High Moisture Corn and Whole-Crop Barley. Journal of Dairy Science, 2004, 87, 1310-1316.	3.4	29

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37	Effects of Lactobacillus hilgardii 4785 and Lactobacillus buchneri 40788 on the bacterial community, fermentation and aerobic stability of highâ€moisture corn silage. Journal of Applied Microbiology, 2021, 130, 1481-1493.	3.1	28
38	The effect of an exogenous protease on the fermentation and nutritive value of high-moisture corn. Journal of Dairy Science, 2014, 97, 1707-1712.	3.4	27
39	The use of a quantitative real-time polymerase chain reaction assay for identification and enumeration ofLactobacillus buchneriin silage. Journal of Applied Microbiology, 2008, 105, 920-929.	3.1	26
40	Effects of a spoilage yeast from silage on in vitro ruminal fermentation. Journal of Dairy Science, 2015, 98, 2603-2610.	3.4	25
41	Short communication: The effects of dry matter and length of storage on the composition and nutritive value of alfalfa silage. Journal of Dairy Science, 2016, 99, 5466-5469.	3.4	25
42	Effect of exogenous protease enzymes on the fermentation and nutritive value of corn silage. Journal of Dairy Science, 2012, 95, 6687-6694.	3.4	23
43	The effect of wide swathing on wilting times and nutritive value of alfalfa haylage. Journal of Dairy Science, 2010, 93, 1770-1773.	3.4	22
44	Effects of a chemical additive on the fermentation, microbial communities, and aerobic stability of corn silage with or without air stress during storage. Journal of Animal Science, 2020, 98, .	0.5	20
45	Effects of potassium sorbate and Lactobacillus plantarum MTD1 on production of ethanol and other volatile organic compounds in corn silage. Animal Feed Science and Technology, 2015, 208, 79-85.	2.2	17
46	0684 The effects of air and heat stress on the aerobic stability of silage treated with a chemical additive. Journal of Animal Science, 2016, 94, 327-327.	0.5	16
47	Effect of dry matter content on the microbial community and on the effectiveness of a microbial inoculant to improve the aerobic stability of corn silage. Journal of Dairy Science, 2022, 105, 5024-5043.	3.4	16
48	In vitro effects of the ionophore lysocellin on ruminal fermentation and microbial populations. Journal of Animal Science, 1992, 70, 281-288.	0.5	15
49	Chemical composition and nutritive value of corn silage harvested in the northeastern United States after Tropical Storm Irene. Journal of Dairy Science, 2015, 98, 2055-2062.	3.4	15
50	The effects of air stress during storage and low packing density on the fermentation and aerobic stability of corn silage inoculated with Lactobacillus buchneri 40788. Journal of Dairy Science, 2021, 104, 4206-4222.	3.4	15
51	The effects of Lactobacillus hilgardii 4785 and Lactobacillus buchneri 40788 on the microbiome, fermentation, and aerobic stability of corn silage ensiled for various times. Journal of Dairy Science, 2021, 104, 10678-10698.	3.4	13
52	Short Communication: The Effect of Water Temperature on the Viability of Silage Inoculants. Journal of Dairy Science, 2008, 91, 236-240.	3.4	11
53	The effect of hybrid type and dietary proportions of corn silage on the lactation performance of high-producing dairy cows. Journal of Dairy Science, 2015, 98, 1195-1203.	3.4	10
54	The effect of various doses of an exogenous acid protease on the fermentation and nutritive value of corn silage. Journal of Dairy Science, 2019, 102, 10925-10933.	3.4	9

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55	Factors affecting the numbers of expected viable lactic acid bacteria in inoculant applicator tanks. Journal of Dairy Science, 2016, 99, 9334-9338.	3.4	8
56	Evaluating the effects of Lactobacillus animalis and Propionibacterium freudenreichii on performance and rumen and fecal measures in lactating dairy cows. Journal of Dairy Science, 2021, 104, 4119-4133.	3.4	4
57	Effect of microbial and chemical additives on the fermentation and aerobic stability of alfalfa silage ensiled at 2 dry matters and subjected to air stress during storage. Journal of Animal Science, 2021, 99, .	0.5	2
58	A Meta-Analysis of the Effects of a Chemical Additive on the Fermentation and Aerobic Stability of Whole-Plant Maize Silage. Agriculture (Switzerland), 2022, 12, 132.	3.1	1