

L Kung

List of Publications by Year in descending order

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58
papers

4,822
citations

117625

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144013

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docs citations

58
times ranked

2078
citing authors

#	ARTICLE	IF	CITATIONS
1	A Meta-Analysis of the Effects of a Chemical Additive on the Fermentation and Aerobic Stability of Whole-Plant Maize Silage. <i>Agriculture (Switzerland)</i> , 2022, 12, 132.	3.1	1
2	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. <i>Journal of Dairy Science</i> , 2022, 105, 5024-5043.	3.4	16
3	Effects of <i>Lactobacillus hilgardii</i> 4785 and <i>Lactobacillus buchneri</i> 40788 on the bacterial community, fermentation and aerobic stability of high-moisture corn silage. <i>Journal of Applied Microbiology</i> , 2021, 130, 1481-1493.	3.1	28
4	Evaluating the effects of <i>Lactobacillus animalis</i> and <i>Propionibacterium freudenreichii</i> on performance and rumen and fecal measures in lactating dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 4119-4133.	3.4	4
5	The effects of air stress during storage and low packing density on the fermentation and aerobic stability of corn silage inoculated with <i>Lactobacillus buchneri</i> 40788. <i>Journal of Dairy Science</i> , 2021, 104, 4206-4222.	3.4	15
6	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. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	2
7	The effects of <i>Lactobacillus hilgardii</i> 4785 and <i>Lactobacillus buchneri</i> 40788 on the microbiome, fermentation, and aerobic stability of corn silage ensiled for various times. <i>Journal of Dairy Science</i> , 2021, 104, 10678-10698.	3.4	13
8	Effects of a chemical additive on the fermentation, microbial communities, and aerobic stability of corn silage with or without air stress during storage. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	20
9	The effect of various doses of an exogenous acid protease on the fermentation and nutritive value of corn silage. <i>Journal of Dairy Science</i> , 2019, 102, 10925-10933.	3.4	9
10	Silage review: Interpretation of chemical, microbial, and organoleptic components of silages. <i>Journal of Dairy Science</i> , 2018, 101, 4020-4033.	3.4	626
11	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. <i>Journal of Dairy Science</i> , 2018, 101, 5949-5960.	3.4	39
12	Silage review: Recent advances and future uses of silage additives. <i>Journal of Dairy Science</i> , 2018, 101, 3980-4000.	3.4	517
13	Identification of the major yeasts isolated from high moisture corn and corn silages in the United States using genetic and biochemical methods. <i>Journal of Dairy Science</i> , 2017, 100, 1151-1160.	3.4	43
14	0684 The effects of air and heat stress on the aerobic stability of silage treated with a chemical additive. <i>Journal of Animal Science</i> , 2016, 94, 327-327.	0.5	16
15	Short communication: The effects of dry matter and length of storage on the composition and nutritive value of alfalfa silage. <i>Journal of Dairy Science</i> , 2016, 99, 5466-5469.	3.4	25
16	Factors affecting the numbers of expected viable lactic acid bacteria in inoculant applicator tanks. <i>Journal of Dairy Science</i> , 2016, 99, 9334-9338.	3.4	8
17	Chemical composition and nutritive value of corn silage harvested in the northeastern United States after Tropical Storm Irene. <i>Journal of Dairy Science</i> , 2015, 98, 2055-2062.	3.4	15
18	Effects of a spoilage yeast from silage on in vitro ruminal fermentation. <i>Journal of Dairy Science</i> , 2015, 98, 2603-2610.	3.4	25

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19	The effect of hybrid type and dietary proportions of corn silage on the lactation performance of high-producing dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 1195-1203.	3.4	10
20	Effects of potassium sorbate and <i>Lactobacillus plantarum</i> MTD1 on production of ethanol and other volatile organic compounds in corn silage. <i>Animal Feed Science and Technology</i> , 2015, 208, 79-85.	2.2	17
21	The effect of a chemical additive on the fermentation and aerobic stability of high-moisture corn. <i>Journal of Dairy Science</i> , 2015, 98, 8904-8912.	3.4	49
22	The effect of an exogenous protease on the fermentation and nutritive value of high-moisture corn. <i>Journal of Dairy Science</i> , 2014, 97, 1707-1712.	3.4	27
23	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. <i>Journal of Dairy Science</i> , 2014, 97, 3053-3060.	3.4	39
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. <i>Journal of Dairy Science</i> , 2012, 95, 1428-1436.	3.4	63
25	The effects of hybrid, maturity, and length of storage on the composition and nutritive value of corn silage. <i>Journal of Dairy Science</i> , 2012, 95, 5115-5126.	3.4	106
26	Effect of exogenous protease enzymes on the fermentation and nutritive value of corn silage. <i>Journal of Dairy Science</i> , 2012, 95, 6687-6694.	3.4	23
27	Effects of combining <i>Lactobacillus buchneri</i> 40788 with various lactic acid bacteria on the fermentation and aerobic stability of corn silage. <i>Animal Feed Science and Technology</i> , 2010, 159, 105-109.	2.2	133
28	The effect of wide swathing on wilting times and nutritive value of alfalfa haylage. <i>Journal of Dairy Science</i> , 2010, 93, 1770-1773.	3.4	22
29	The effects of <i>Lactobacillus buchneri</i> with or without a homolactic bacterium on the fermentation and aerobic stability of corn silages made at different locations. <i>Journal of Dairy Science</i> , 2010, 93, 1616-1624.	3.4	115
30	The development of lactic acid bacteria and <i>Lactobacillus buchneri</i> and their effects on the fermentation of alfalfa silage. <i>Journal of Dairy Science</i> , 2009, 92, 5005-5010.	3.4	88
31	The effect of <i>Lactobacillus buchneri</i> 40788 or <i>Lactobacillus plantarum</i> MTD-1 on the fermentation and aerobic stability of corn silages ensiled at two dry matter contents. <i>Journal of Dairy Science</i> , 2009, 92, 3907-3914.	3.4	153
32	The use of a quantitative real-time polymerase chain reaction assay for identification and enumeration of <i>Lactobacillus buchneri</i> in silage. <i>Journal of Applied Microbiology</i> , 2008, 105, 920-929.	3.1	26
33	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. <i>Journal of Dairy Science</i> , 2008, 91, 1451-1457.	3.4	47
34	Short Communication: The Effect of Water Temperature on the Viability of Silage Inoculants. <i>Journal of Dairy Science</i> , 2008, 91, 236-240.	3.4	11
35	A Blend of Essential Plant Oils Used as an Additive to Alter Silage Fermentation or Used as a Feed Additive for Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 4793-4800.	3.4	80
36	The Effect of <i>Lactobacillus buchneri</i> 40788 on the Fermentation and Aerobic Stability of Ground and Whole High-Moisture Corn. <i>Journal of Dairy Science</i> , 2007, 90, 2309-2314.	3.4	49

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37	The Effects of <i>Lactobacillus buchneri</i> 40788 and <i>Pediococcus pentosaceus</i> R1094 on the Fermentation of Corn Silage. <i>Journal of Dairy Science</i> , 2006, 89, 3999-4004.	3.4	100
38	A Meta-Analysis of the Effects of <i>Lactobacillus buchneri</i> on the Fermentation and Aerobic Stability of Corn and Grass and Small-Grain Silages. <i>Journal of Dairy Science</i> , 2006, 89, 4005-4013.	3.4	253
39	The Effects of Various Antifungal Additives on the Fermentation and Aerobic Stability of Corn Silage. <i>Journal of Dairy Science</i> , 2005, 88, 2130-2139.	3.4	170
40	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. <i>Journal of Dairy Science</i> , 2004, 87, 1310-1316.	3.4	29
41	A Comparison of Processed Conventional Corn Silage to Unprocessed and Processed Brown Midrib Corn Silage on Intake, Digestion, and Milk Production by Dairy Cows. <i>Journal of Dairy Science</i> , 2004, 87, 2519-2526.	3.4	45
42	The Effect of Treating Alfalfa with <i>Lactobacillus buchneri</i> 40788 on Silage Fermentation, Aerobic Stability, and Nutritive Value for Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2003, 86, 336-343.	3.4	142
43	Effects of Cutting Height and Maturity on the Nutritive Value of Corn Silage for Lactating Cows. <i>Journal of Dairy Science</i> , 2003, 86, 2163-2169.	3.4	67
44	Effects of 9,10 anthraquinone on ruminal fermentation, total-tract digestion, and blood metabolite concentrations in sheep1. <i>Journal of Animal Science</i> , 2003, 81, 323-328.	0.5	39
45	The Effect of <i>Lactobacillus buchneri</i> 40788 on the Fermentation and Aerobic Stability of High Moisture Corn in Laboratory Silos. <i>Journal of Dairy Science</i> , 2002, 85, 1526-1532.	3.4	84
46	The Effect of Fibrolytic Enzymes Sprayed onto Forages and Fed in a Total Mixed Ratio to Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2002, 85, 2396-2402.	3.4	50
47	Effect of <i>Lactobacillus buchneri</i> 40788 on the fermentation, aerobic stability and nutritive value of maize silage. <i>Grass and Forage Science</i> , 2002, 57, 73-81.	2.9	76
48	The Effect of <i>Lactobacillus buchneri</i> and Other Additives on the Fermentation and Aerobic Stability of Barley Silage. <i>Journal of Dairy Science</i> , 2001, 84, 1149-1155.	3.4	237
49	The Effect of a Dry or Liquid Application of <i>Lactobacillus plantarum</i> MTD1 on the Fermentation of Alfalfa Silage. <i>Journal of Dairy Science</i> , 2001, 84, 2195-2202.	3.4	65
50	Microbial Populations, Fermentation End-Products, and Aerobic Stability of Corn Silage Treated with Ammonia or a Propionic Acid-Based Preservative. <i>Journal of Dairy Science</i> , 2000, 83, 1479-1486.	3.4	141
51	The Effect of Treating Forages with Fibrolytic Enzymes on its Nutritive Value and Lactation Performance of Dairy Cows. <i>Journal of Dairy Science</i> , 2000, 83, 115-122.	3.4	125
52	The Effect of <i>Lactobacillus buchneri</i> , <i>Lactobacillus plantarum</i> , or a Chemical Preservative on the Fermentation and Aerobic Stability of Corn Silage. <i>Journal of Dairy Science</i> , 2000, 83, 526-535.	3.4	281
53	The Effect of Preservatives Based on Propionic Acid on the Fermentation and Aerobic Stability of Corn Silage and a Total Mixed Ration. <i>Journal of Dairy Science</i> , 1998, 81, 1322-1330.	3.4	124
54	Effects of a Live Yeast Culture and Enzymes on In Vitro Ruminal Fermentation and Milk Production of Dairy Cows. <i>Journal of Dairy Science</i> , 1997, 80, 2045-2051.	3.4	90

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55	Preventing in vitro lactate accumulation in ruminal fermentations by inoculation with <i>Megasphaera elsdenii</i> . <i>Journal of Animal Science</i> , 1995, 73, 250.	0.5	107
56	Additives Containing Bacteria and Enzymes for Alfalfa Silage. <i>Journal of Dairy Science</i> , 1995, 78, 565-572.	3.4	52
57	Effect of Microbial Inoculants on the Nutritive Value of Corn Silage for Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 1993, 76, 3763-3770.	3.4	50
58	In vitro effects of the ionophore lysocellin on ruminal fermentation and microbial populations. <i>Journal of Animal Science</i> , 1992, 70, 281-288.	0.5	15