Joao Daniel

List of Publications by Year
in descending order

72 papers	1,186 citations	471509 17 h-index	454955 30 g-index
73 all docs	73 docs citations	73 times ranked	1017 citing authors

#	Article	IF	Citations
1	Silage review: Unique challenges of silages made in hot and cold regions. Journal of Dairy Science, 2018, 101, 4001-4019.	3.4	132
2	Short communication: Influence of various proteolytic sources during fermentation of reconstituted corn grain silages. Journal of Dairy Science, 2017, 100, 9048-9051.	3.4	92
3	Effects of 8 chemical and bacterial additives on the quality of corn silage. Journal of Dairy Science, 2013, 96, 5836-5843.	3.4	79
4	Production and utilization of silages in tropical areas with focus on Brazil. Grass and Forage Science, 2019, 74, 188-200.	2.9	71
5	Fermentation and aerobic stability of rehydrated corn grain silage treated with different doses of Lactobacillus buchneri or a combination of Lactobacillus plantarum and Pediococcus acidilactici. Journal of Dairy Science, 2018, 101, 4158-4167.	3.4	49
6	Occurrence of volatile organic compounds in sugarcane silages. Animal Feed Science and Technology, 2013, 185, 101-105.	2.2	43
7	Physicochemical and sensory characteristics of fat-free goat milk yogurt with added stabilizers and skim milk powder fortification. Journal of Dairy Science, 2016, 99, 3316-3324.	3.4	41
8	Effects of replacing soybean meal with canola meal differing in rumen-undegradable protein content on ruminal fermentation and gas production kinetics using 2 in vitro systems. Journal of Dairy Science, 2017, 100, 5281-5292.	3.4	39
9	Performance of dairy cows fed high levels of acetic acid or ethanol. Journal of Dairy Science, 2013, 96, 398-406.	3.4	37
10	Influence of storage length and inoculation with Lactobacillus buchneri on the fermentation, aerobic stability, and ruminal degradability of high-moisture corn and rehydrated corn grain silage. Animal Feed Science and Technology, 2019, 251, 124-133.	2.2	35
11	Effects of light wilting and heterolactic inoculant on the formation of volatile organic compounds, fermentative losses and aerobic stability of oat silage. Animal Feed Science and Technology, 2019, 247, 194-198.	2.2	33
12	Aditivos microbiolÃ³gicos em silagens no Brasil: revisÃ£o dos aspectos da ensilagem e do desempenho de animais. Revista Brasileira De Zootecnia, 2009, 38, 170-189.	0.8	31
13	Inclusion of live yeast and mannan-oligosaccharides in high grain-based diets for sheep: Ruminal parameters, inflammatory response and rumen morphology. PLoS ONE, 2018, 13, e0193313.	2.5	30
14	Ensiling Total Mixed Ration for Ruminants: A Review. Agronomy, 2020, 10, 879.	3.0	28
15	Influence of hybrid, moisture, and length of storage on the fermentation profile and starch digestibility of corn grain silages. Animal Feed Science and Technology, 2021, 271, 114707.	2.2	22
16	The effects of Lactobacillus kefiri and L. brevis on the fermentation and aerobic stability of sugarcane silage. Animal Feed Science and Technology, 2015, 205, 69-74.	2.2	21
17	Use of live yeast and mannan-oligosaccharides in grain-based diets for cattle: Ruminal parameters, nutrient digestibility, and inflammatory response. PLoS ONE, 2018, 13, e0207127.	2.5	20
18	ParticipaÃ§Ã£o do ruminoretÃculo e omaso na superfÃcie absortiva total do proventrÃculo de bovinos. Brazilian Journal of Veterinary Research and Animal Science, 2006, 43, 688.	0.2	19

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19	Short-term effects of silage volatile compounds on feed intake and digestion in beef cattle1. Journal of Animal Science, 2013, 91, 2321-2331.	0.5	18
20	Effects of homolactic bacterial inoculant on the performance of lactating dairy cows. Journal of Dairy Science, 2018, 101, 5145-5152.	3.4	18
21	Effects of source and concentration of neutral detergent fiber from roughage in beef cattle diets on feed intake, ingestive behavior, and ruminal kinetics. Journal of Animal Science, 2020, 98, .	0.5	17
22	Fibre digestion potential in sugarcane across the harvesting window. Grass and Forage Science, 2014, 69, 176-181.	2.9	15
23	A data-analysis on the conservation and nutritive value of sugarcane silage treated with calcium oxide. Animal Feed Science and Technology, 2017, 225, 1-7.	2.2	15
24	A data analysis on the effect of acetic acid on dry matter intake in dairy cattle. Animal Feed Science and Technology, 2021, 272, 114782.	2.2	15
25	Effects of Lactobacillus buchneri on the nutritive value of sugarcane silage for finishing beef bulls. Revista Brasileira De Zootecnia, 2014, 43, 8-13.	0.8	14
26	Effects of Lactobacillus buchneri inoculation or 1-propanol supplementation to corn silage on the performance of lactating Holstein cows. Revista Brasileira De Zootecnia, 2017, 46, 591-598.	0.8	13
27	Additive containing homo and heterolactic bacteria on the fermentation quality of maize silage - doi: 10.4025/actascianimsci.v35i4.18833. Acta Scientiarum - Animal Sciences, 2013, 35, .	0.3	12
28	Fibre digestibility and its relationships with chemical and morphological traits in thirtyâ€two sugarcane varieties. Grass and Forage Science, 2017, 72, 545-555.	2.9	12
29	Influence of soybean-crop proportion on the conservation of maize-soybean bi-crop silage. Animal Feed Science and Technology, 2019, 257, 114295.	2.2	12
30	Effects of processing, moisture, and storage length on the fermentation profile, particle size, and ruminal disappearance of reconstituted corn grain. Journal of Animal Science, 2020, 98, .	0.5	12
31	The influence of covering methods on the nutritive value of corn silage for lactating dairy cows. Revista Brasileira De Zootecnia, 2014, 43, 471-478.	0.8	11
32	Effects of source and concentration of neutral detergent fiber from roughage in beef cattle diets: Comparison of methods to measure the effectiveness of fiber. Journal of Animal Science, 2020, 98, .	0.5	11
33	A data-analysis of lime addition on the nutritive value of sugarcane in Brazil. Animal Feed Science and Technology, 2013, 184, 17-23.	2.2	10
34	Reduction in lignin content and increase in the antioxidant capacity of corn and sugarcane silages treated with an enzymatic complex produced by white rot fungus. PLoS ONE, 2020, 15, e0229141.	2.5	10
35	Exchanging physically effective neutral detergent fiber does not affect chewing activity and performance of late-lactation dairy cows fed corn and sugarcane silages. Journal of Dairy Science, 2014, 97, 7012-7020.	3.4	9
36	Effects of inoculation with homolactic bacteria on the conservation of wheat silage stored in bunker-silos. Italian Journal of Animal Science, 2018, 17, 81-86.	1.9	9

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37	Storage length interacts with maturity to affect nutrient availability in unprocessed flint corn silage. Revista Brasileira De Zootecnia, 2020, 49, .	0.8	9
38	Absorption and metabolism of volatile fatty acids by rumen and omasum. Ciencia E Agrotecnologia, 2012, 36, 93-99.	1.5	8
39	Fiber monosaccharides and digestibility of Milenio grass under N fertilization. Animal Feed Science and Technology, 2013, 183, 17-21.	2.2	8
40	Effects of chemical and microbial additives on clostridium development in sugarcane (<i>Saccharum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	8
41	Annatto seeds as Antioxidants Source with Linseed Oil for Dairy Cows. Animals, 2021, 11, 1465.	2.3	8
42	Intercropped maizeâ€soybean silage: Effects on forage yield, fermentation pattern and nutritional composition. Grassland Science, 2022, 68, 3-12.	1.1	8
43	The effect of sodium benzoate on the nutritive value of rehydrated sorghum grain silage for dairy cows. Animal Feed Science and Technology, 2019, 256, 114267.	2.2	6
44	Effect of ensiling on the feeding value of flint corn grain for feedlot beef cattle: A meta-analysis. Revista Brasileira De Zootecnia, 2021, 50, .	0.8	6
45	Effects of holes in plastic film on the storage losses in total mixed ration silage in round bales. Translational Animal Science, 2019, 3, 1543-1549.	1.1	5
46	The effect of length of storage and sodium benzoate on the nutritive value of reconstituted sorghum grain silages for dairy cows. Journal of Dairy Science, 2019, 102, 9028-9038.	3.4	5
47	Fermentation profile and hygienic quality of rehydrated corn grains treated with condensed tannins from quebracho plant extract. Animal Feed Science and Technology, 2020, 267, 114559.	2.2	5
48	Effect of kernel processing and particle size of whole-plant corn silage with vitreous endosperm on dairy cow performance. Journal of Dairy Science, 2021, 104, 1794-1810.	3.4	5
49	Effects of Obligate Heterofermentative Lactic Acid Bacteria Alone or in Combination on the Conservation of Sugarcane Silage. Frontiers in Microbiology, 2021, 12, 643879.	3.5	5
50	Sodium nitrite-based additives improve the conservation and the nutritive value of guinea grass silage. Animal Feed Science and Technology, 2021, 279, 115033.	2.2	4
51	Potential of wet blue leather waste for ruminant feeding. Revista Brasileira De Zootecnia, 2012, 41, 1070-1073.	0.8	3
52	Effects of maturity at ensiling of bermudagrass and fibrolytic enzyme application on the performance of early-lactation dairy cows. Journal of Dairy Science, 2016, 99, 9716-9723.	3.4	3
53	Effects of addition of different sources and doses of sugars on in vitro digestibilities of dry matter, fibre and cell wall monosaccharides of corn silage in ruminants. Animal, 2020, 14, 1667-1675.	3.3	3
54	Fibrolytic enzymes improve the nutritive value of high-moisture corn for finishing bulls. Journal of Animal Science, 2020, 98, .	0.5	3

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55	Effects of protein source and lipid supplementation on conservation and feed value of total mixed ration silages for finishing beef cattle. Journal of Animal Science, 2021, 99, .	0.5	3
56	Letter to the Editor: Silage manuscripts in the Journal of Dairy Science. Journal of Dairy Science, 2020, 103, 6737-6738.	3.4	3
57	Effects of lignocellulolytic enzymes on the fermentation profile, chemical composition, and in situ ruminal disappearance of whole-plant corn silage. Journal of Animal Science, 2021, 99, .	0.5	3
58	Effect of dietary isopropanol on the performance and milk quality of dairy cows. Animal Feed Science and Technology, 2022, 286, 115254.	2.2	3
59	Energy balance in grazing Jersey cows in early lactation supplemented with peanut and sunflower oils. Tropical Animal Health and Production, 2018, 50, 1065-1070.	1.4	2
60	Funcionalidade do sulco do retÃculo em bovinos adultos e avaliaÃ§Ã£o de tÃ©cnicas alternativas para preparaÃ§Ã£o, infusÃ£o e coleta de marcadores da fase fluida ruminal. Ciencia E Agrotecnologia, 2007, 31, 1850-1856.	1.5	2
61	Effects of neutral detergent fiber digestibility estimation method on calculated energy concentration of canola meals from twelve Canadian processing plants. Journal of Animal Science, 2021, 99, .	0.5	2
62	Chromium poisoning in rats feeding on tannery residues. Animal Production Science, 2010, 50, 293.	1.3	1
63	Chemical composition, aerobic stability, and fermentation pattern of white oat silage wilted with glyphosate. Semina:Ciencias Agrarias, 2020, 41, 971.	0.3	1
64	Effects of feeding a live yeast on rumen fermentation and fiber degradability of tropical and subtropical forages. Journal of the Science of Food and Agriculture, 2021, 101, 6220-6227.	3.5	1
65	Nutritional value, total dry matter losses, effluent production and pollutant potential in Brachiaria brizantha cv. PaiaguÃ¡s grass. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2021, 73, 675-683.	0.4	1
66	Enzymatic effects of Pleurotus ostreatus spent substrate on whole-plant corn silage and performance of lactating goats. Journal of Dairy Science, 2021, 104, 11660-11672.	3.4	1
67	Okara or soybean grain added to the rehydrated corn grain silage for cattle: digestibility, degradability and ruminal parameters. Acta Scientiarum - Animal Sciences, 0, 42, e48586.	0.3	1
68	AvaliaÃ§Ã£o morfolÃ³gica do abomaso e ceco-cÃ³lon de bovinos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2013, 65, 346-352.	0.4	0
69	OMASAL MORPHOLOGY OF DAIRY COWS FED WITH HIGH OR LOW GRAIN CONTENT DIET PRIOR PARTURITION. Ciencia E Agrotecnologia, 2015, 39, 583-592.	1.5	0
70	MORPHOLOGICAL RESPONSE OF THE RUMINAL AND OMASAL MUCOSAE TO THE VARIATION IN DIET ENERGY. Ciencia E Agrotecnologia, 2015, 39, 574-582.	1.5	0
71	Effect of sealing strategy on the feeding value of corn silage for growing dairy heifers. Journal of Dairy Science, 2021, 104, 6792-6802.	3.4	0
72	Effect of okara levels on corn grain silage. Revista Brasileira De Zootecnia, 2020, 49, .	0.8	0