

Effect of ammonia concentration on rumen microbial p

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nitrogen Requirement and Utilization in Dairy Cattle. Journal of Dairy Science, 1975, 58, 1219-1237.	3.4	317
2	Efficiency of Energy Utilization by Mixed Rumen Bacteria in Continuous Culture. Journal of Dairy Science, 1975, 58, 1645-1659.	3.4	214
3	Relationship Between Ruminal Ammonia and Nonprotein Nitrogen Utilization by Ruminants. II. Application of Published Evidence to the Development of a Theoretical Model for Predicting Nonprotein Nitrogen Utilization. Journal of Dairy Science, 1975, 58, 1889-1898.	3.4	60
4	Relationship Between Ruminal Ammonia and Nonprotein Nitrogen Utilization by Ruminants. I. Development of a Model for Predicting Nonprotein Nitrogen Utilization by Cattle. Journal of Dairy Science, 1975, 58, 1880-1888.	3.4	83
5	Fermented Ammoniated Condensed Whey as a Nitrogen Supplement for Lactating Cows. Journal of Dairy Science, 1976, 59, 1936-1943.	3.4	19
6	Relationship Between Ruminal Ammonia and Nonprotein Nitrogen Utilization by Ruminants. III. Influence of Intraruminal Urea Infusion on Ruminal Ammonia Concentration. Journal of Dairy Science, 1976, 59, 80-84.	3.4	27
7	Factors Influencing Rumen Microbial Growth Rates and Yields: Effect of Amino Acid Additions to a Purified Diet with Nitrogen from Urea. Journal of Dairy Science, 1976, 59, 648-655.	3.4	89
8	Dynamics of Fermentation of a Purified Diet and Microbial Growth in the Rumen. Journal of Dairy Science, 1976, 59, 636-642.	3.4	25
9	Voluntary intake and efficiency of utilisation of whole-crop maize silage. Animal Feed Science and Technology, 1976, 1, 441-454.	2.2	4
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12	Efficiency of bacterial protein synthesis in the rumen of sheep receiving a diet of sugar beet pulp and barley. Journal of the Science of Food and Agriculture, 1976, 27, 231-238.	3.5	26
13	Animal-based methods of determining herbage intake and quality under grazing conditions. Proceedings of the Annual Congresses of the Grassland Society of Southern Africa, 1976, 11, 73-78.	0.1	10
14	The utilization of dried forage crops by growing ruminants. Animal Science, 1977, 25, 209-218.	1.3	0
15	Investigations on the Fermentation Patterns of Different Non Protein Nitrogenous Products in the Rumen of Dairy Cows. Acta Agriculturae Scandinavica, 1977, 27, 113-118.	0.3	2
16	Rates of rumen fermentation in relation to ammonia concentration. British Journal of Nutrition, 1977, 38, 437-443.	2.3	318
17	Interactions between dietary carbohydrate and nitrogen and digestion in sheep. Journal of Agricultural Science, 1977, 89, 467-479.	1.3	41
18	Effect of Ammonia Concentration on Activity of Enzymes of Ammonia Assimilation and on Synthesis of Amino Acids by Mixed Rumen Bacteria in Continuous Culture. Journal of Dairy Science, 1977, 60, 1064-1072.	3.4	60

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19	Use of Urea by Early Postpartum Holstein Cows. Journal of Dairy Science, 1977, 60, 1706-1724.	3.4	38
20	The nutritional value for sheep of molasses and condensed molasses solubles. Animal Feed Science and Technology, 1977, 2, 143-152.	2.2	14
21	Microbial Protein Synthesis with Low Quality Roughage Rations: Level and Source of Nitrogen. Journal of Animal Science, 1977, 45, 844-854.	0.5	37
22	Nutritional Value of Urea Versus Preformed Protein for Ruminants. I. Lactation of Dairy Cows Fed Corn Based Diets Containing Supplemental Nitrogen from Urea and/or Soybean Meal. Journal of Dairy Science, 1978, 61, 902-915.	3.4	65
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24	Nutritional Value of Urea Versus Preformed Protein for Ruminants. II. Nitrogen Utilization by Dairy Cows Fed Corn Based Diets Containing Supplemental Nitrogen from Urea and/or Soybean Meal. Journal of Dairy Science, 1978, 61, 916-931.	3.4	28
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26	NIPPLE FEEDING OF TWO TYPES OF PROTEIN SUPPLEMENTS TO CALVES. Canadian Journal of Animal Science, 1978, 58, 385-390.	1.5	1
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34	Effect of Alkali Treatment on Intake and Digestion of Barley Straw by Beef Steers. Journal of Animal Science, 1979, 49, 169-176.	0.5	33
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36	Stoichiometry of carbohydrate fermentation and microbial growth efficiency in a continuous culture of mixed rumen bacteria. European Journal of Applied Microbiology and Biotechnology, 1979, 7, 111-120.	1.3	20

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38	Soybean Meal or Starea for Microbial Protein Synthesis or Milk Production with Rations Above Thirteen Percent Natural Protein. <i>Journal of Dairy Science</i> , 1979, 62, 732-739.	3.4	10
39	Effect of Level of Urea-N on its Utilization in Alkali-treated Wheat Straw in Pelleted Rations by Sheep. <i>Acta Agriculturae Scandinavica</i> , 1979, 29, 17-23.	0.3	2
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51	Ammonia Saturation Constants for Predominant Species of Rumen Bacteria. <i>Journal of Dairy Science</i> , 1980, 63, 1248-1263.	3.4	131
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61	The effect of defaunation on the growth of lambs fed three urea containing diets. <i>Archiv Fur Tierernahrung</i> , 1982, 32, 595-604.	0.3	34
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94	Phosphorus metabolism in ruminants. 2. Effects of inorganic phosphorus concentration upon food intake and digestibility. Australian Journal of Agricultural Research, 1985, 36, 647.	1.5	24
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128	Effects of Tallow Supplementation and Protein Withdrawal on Ruminal Fermentation, Microbial Synthesis and Site of Digestion. <i>Journal of Animal Science</i> , 1987, 64, 907-914.	0.5	52
129	Effects of High Fiber Energy Supplements on Fermentation Characteristics and In Vivo and In Situ Digestibilities of Low Quality Fescue Hay. <i>Journal of Animal Science</i> , 1987, 65, 224-234.	0.5	56

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131	Fresh and dried brewers' grains as protein supplements to barley straw diets given to pregnant beef cows. <i>Animal Feed Science and Technology</i> , 1988, 19, 33-41.	2.2	4
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144	Nitrogen Utilisation by Ruminant Animals. <i>World Review of Nutrition and Dietetics</i> , 1988, 55, 210-245.	0.3	2
145	Effects of Dietary Energy Level and Protein Source on Site of Digestion and Duodenal Nitrogen and Amino Acid Flows in Steers. <i>Journal of Animal Science</i> , 1988, 66, 961.	0.5	26
146	Food intake and levels of rumen metabolites in cattle grazing wheat or oat stubble. <i>Australian Journal of Agricultural Research</i> , 1988, 39, 629.	1.5	1
147	Influence of Supplemental Protein Source and Protein Concentration on Ruminant and Intestinal Digestion in Heifers. <i>Journal of Animal Science</i> , 1989, 67, 2743.	0.5	5

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579	Efficiency of utilisation of different diets with contrasting forages and concentrate when fed to sheep in a discontinuous feeding pattern. Livestock Science, 2008, 119, 77-86.	1.6	9
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581	Effects of condensed tannins in white clover flowers on their digestion in vitro. Animal Feed Science and Technology, 2008, 142, 44-58.	2.2	16
582	Influence of the grinding level and extrusion on the nutritional value of lupin seed (Lupinus albus) for cattle in the context of the Dutch protein evaluation system. Animal Feed Science and Technology, 2008, 142, 59-73.	2.2	5
583	Rumen digestion and microbial protein synthesis by growing lambs fed high-concentrate diets: Effects of cereal processing and animal age. Animal Feed Science and Technology, 2008, 142, 292-305.	2.2	8

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585	In vitro assessment of the suitability of replacing the low-tannin legume <i>Vigna unguiculata</i> with the tanniniferous legumes <i>Leucaena leucocephala</i> , <i>Flemingia macrophylla</i> or <i>Calliandra calothyrsus</i> in a tropical grass diet. <i>Animal Feed Science and Technology</i> , 2008, 147, 105-115.	2.2	13
586	The potential of <i>Commelina benghalensis</i> as a forage for ruminants. <i>Animal Feed Science and Technology</i> , 2008, 144, 185-195.	2.2	15
587	Intake, digestibility, rumen fermentation and performance of beef cattle fed diets based on whole-crop wheat or barley harvested at two cutting heights relative to maize silage or ad libitum concentrates. <i>Animal Feed Science and Technology</i> , 2008, 144, 257-278.	2.2	32
588	Impacts of rumen fluid modified by feeding <i>Yucca schidigera</i> to lactating dairy cows on in vitro gas production of 11 common dairy feedstuffs, as well as animal performance. <i>Animal Feed Science and Technology</i> , 2008, 146, 242-258.	2.2	34
589	Effect of Feeding Corn, Hull-Less or Hulled Barley on Fermentation by Mixed Cultures of Ruminal Microorganisms. <i>Journal of Dairy Science</i> , 2008, 91, 1936-1941.	3.4	13
590	Interactions Between Barley Grain Processing and Source of Supplemental Dietary Fat on Nitrogen Metabolism and Urea-Nitrogen Recycling in Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 247-259.	3.4	34
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592	Influence of Carbohydrate Source on Ruminal Fermentation Characteristics, Performance, and Microbial Protein Synthesis in Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 2726-2735.	3.4	59
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597	Evaluation of the fermentation dynamics of soluble crude protein from three protein sources in continuous culture fermenters ¹ . <i>Journal of Animal Science</i> , 2008, 86, 1364-1371.	0.5	19
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599	Limiting amino acids for growing lambs fed a diet low in ruminally undegradable protein ¹ . <i>Journal of Animal Science</i> , 2008, 86, 2627-2641.	0.5	26
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605	Rumen dynamics of neutral detergent fiber in cattle fed low-quality tropical forage and supplemented with nitrogenous compounds. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 560-569.	0.8	73
606	Parâmetros fermentativos, produção de proteína microbiana, concentrações de ureia no leite e no plasma e balanço de nitrogênio de vacas alimentadas com silagem de milho ou cana-de-açúcar com caroço de algodão. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 2063-2071.	0.8	2
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615	Effects of malic acid on rumen fermentation, urinary excretion of purine derivatives and feed digestibility in steers. <i>Animal</i> , 2009, 3, 32-39.	3.3	19
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654	Intake and digestibility in cattle under grazing supplemented with nitrogenous compounds during dry season. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1303-1312.	0.8	35
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712	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
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714	Soybean meal substitution with a yeast-derived microbial protein source in dairy cow diets. Journal of Dairy Science, 2012, 95, 5888-5900.	3.4	17
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724	Methane Production of Different Forages in In vitro Ruminal Fermentation. Asian-Australasian Journal of Animal Sciences, 2012, 25, 86-91.	2.4	90
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780	Effect of feeding extruded flaxseed with different grains on the performance of dairy cows and milk fatty acid profile. <i>Journal of Dairy Science</i> , 2014, 97, 1543-1551.	3.4	23
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793	Effect of protein supplementation on tropical grass hay utilization by beef steers drinking saline water ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2152-2160.	0.5	7
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815	conditions and diet 11Mention of trade names or commercial products in this publication is solely for the purpose of providing specific information and does not imply recommendation or endorsement by the USDA.22The USDA prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, parental status, religion, sex. The Professional Animal Scientist, 2015, 31, 89-100.	0.7	6
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819	Effects of Supplementation of Mulberry (<i>Morus alba</i>) Foliage and Urea-rice Bran as Fermentable Energy and Protein Sources in Sheep Fed Urea-treated Rice Straw Based Diet. Asian-Australasian Journal of Animal Sciences, 2015, 28, 494-501.	2.4	24

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839	Effects of xylanase supplementation on feed intake, digestibility and ruminal fermentation in Rambouillet sheep. <i>Journal of Agricultural Science</i> , 2016, 154, 1110-1117.	1.3	16
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851	Effect of sodium chloride, sodium sulfate or sodium nitrite in drinking water on intake, digestion, growth rate, carcass traits and meat quality of Barbarine lamb. <i>Small Ruminant Research</i> , 2016, 143, 43-52.	1.2	18
852	Effect of ground corn cobs as a fiber source in total mixed ration on feed intake, milk yield and milk composition in tropical lactating crossbred Holstein cows. <i>Animal Nutrition</i> , 2016, 2, 334-338.	5.1	32
853	Effect of Supplementing Diets of Anglo-Nubian Goats with Soybean and Flaxseed Oils on Lactational Performance. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6163-6170.	5.2	41
854	Effects of extruding wheat dried distillers grains with solubles with peas or canola meal on ruminal fermentation, microbial protein synthesis, nutrient digestion, and milk production in dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 7143-7158.	3.4	2
855	Bioactive compounds, aucubin and acteoside, in plantain (<i>Plantago lanceolata</i> L.) and their effect on in vitro rumen fermentation. <i>Animal Feed Science and Technology</i> , 2016, 222, 158-167.	2.2	59

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856	Effects of flaxseed and chia seed on ruminal fermentation, nutrient digestibility, and long-chain fatty acid flow in a dual-flow continuous culture system ¹ . Journal of Animal Science, 2016, 94, 1600-1609.	0.5	16
857	Rumen fermentation and performance of Hanwoo steers fed total mixed ration with Korean rice wine residue. Journal of Animal Science and Technology, 2016, 58, 4.	2.5	11
858	Effect of feeding a by-product feed-based silage on nutrients intake, apparent digestibility, and nitrogen balance in sheep. Journal of Animal Science and Technology, 2016, 58, 9.	2.5	6
859	Effect of urea supplementation on performance and safety in diets of Dorper crossbred sheep. Journal of Animal Physiology and Animal Nutrition, 2016, 100, 902-910.	2.2	14
860	Comparison of two live <i>Bacillus</i> species as feed additives for improving <i>in vitro</i> fermentation of cereal straws. Animal Science Journal, 2016, 87, 27-36.	1.4	22
861	Lactation performance of dairy cows fed yeast-derived microbial protein in low- and high-forage diets. Journal of Dairy Science, 2016, 99, 2775-2787.	3.4	9
862	Ensiling characteristics of silages of Stylo legume (<i>Stylosanthes guianensis</i>), Guinea grass (<i>Panicum</i>) and digestibility in goats of rations based on these silages. Small Ruminant Research, 2016, 134, 84-89.	1.2	26
863	Effects of feeding canola meal or wheat dried distillers grains with solubles as a major protein source in low- or high-crude protein diets on ruminal fermentation, omasal flow, and production in cows. Journal of Dairy Science, 2016, 99, 1216-1227.	3.4	6
864	Effect of increasing levels of wasted date palm on digestion, rumen fermentation and microbial protein synthesis in sheep. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 53-60.	2.2	9
865	The effect of CP concentration in the diet on urea kinetics and microbial usage of recycled urea in cattle: a meta-analysis. Animal, 2017, 11, 1303-1311.	3.3	27
866	Combination of legume-based herbage and total mixed ration (TMR) maintains intake and nutrient utilization of TMR and improves nitrogen utilization of herbage in heifers. Animal, 2017, 11, 616-624.	3.3	12
867	Influence of protein fermentation and carbohydrate source on <i>in vitro</i> methane production. Journal of Animal Physiology and Animal Nutrition, 2017, 101, e288-e296.	2.2	13
868	Dietary <i>Chlorella vulgaris</i> microalgae improves feed utilization, milk production and concentrations of conjugated linoleic acids in the milk of Damascus goats. Journal of Agricultural Science, 2017, 155, 508-518.	1.3	46
869	Effects of physical form of diet on nutrient digestibility, rumen fermentation, rumination, growth performance and protozoa population of finishing lambs. Animal Nutrition, 2017, 3, 139-144.	5.1	34
870	Responses to various protein and energy supplements by steers fed low-quality tropical hay. 1. Comparison of response surfaces for young steers. Animal Production Science, 2017, 57, 473.	1.3	16
871	Effects of heat treatment on protein feeds evaluated <i>in vitro</i> by the method of estimating utilisable crude protein at the duodenum. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 1259-1272.	2.2	20
872	Effects of <i>Lactobacillus acidophilus</i> supplementation for improving <i>in vitro</i> rumen fermentation characteristics of cereal straws. Italian Journal of Animal Science, 2017, 16, 52-60.	1.9	23
873	The impact of a mixture of medicinal herbs on ruminal fermentation, parasitological status and hematological parameters of the lambs experimentally infected with <i>Haemonchus contortus</i> . Small Ruminant Research, 2017, 151, 124-132.	1.2	17

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875	Effect of dried fermentation biomass on microbial fermentation in continuous culture and in vitro intestinal digestibility. Animal Feed Science and Technology, 2017, 230, 47-58.	2.2	2
876	Effect of feeding forage characteristic of wet- or dry-season tropical C4 grass in northern Australia, on methane production, intake and rumen outflow rates in Bos indicus steers. Animal Production Science, 2017, 57, 2033.	1.3	7
877	Nutrient intake, digestibility and rumen fermentation characteristics of sheep fed on selected forage sweet potato cultivars. East African Agricultural and Forestry Journal, 2017, 82, 10-22.	0.4	1
878	Efficiency of rumen microbial protein synthesis in cattle grazing tropical pastures as estimated by a novel technique. Animal Production Science, 2017, 57, 1702.	1.3	12
879	Effects of oats grain supplements on performance, rumen parameters and composition of beef from cattle grazing oats pasture. Animal Production Science, 2017, 57, 665.	1.3	3
880	Saccharomyces cerevisiae does not work synergistically with exogenous enzymes to enhance feed utilization, ruminal fermentation and lactational performance of Nubian goats. Livestock Science, 2017, 206, 17-23.	1.6	36
881	Moringa oleifera leaf meal as an environmental friendly protein source for ruminants: Biomethane and carbon dioxide production, and fermentation characteristics. Journal of Cleaner Production, 2017, 165, 1229-1238.	9.3	41
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884	A 100-Year Review: Protein and amino acid nutrition in dairy cows. Journal of Dairy Science, 2017, 100, 10094-10112.	3.4	172
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887	Effects of alkaloid extracts of mesquite pod on the products of in vitro rumen fermentation. Environmental Science and Pollution Research, 2017, 24, 4301-4311.	5.3	10
888	Effects of defaunation and dietary coconut oil distillate on fermentation, digesta kinetics and methane production of Brahman heifers. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 984-993.	2.2	10
889	Effects of carbohydrate and nitrogen supplementation on fermentation of cheatgrass (Bromus) Tj ETQq1 1 0.784314rgBT /Qverlock 10	0.5	3
890	Substituting ground woody plants for cottonseed hulls in lamb feedlot diets: Growth performance, blood serum chemistry, and rumen fluid parameters1. Journal of Animal Science, 2017, 95, 4150-4163.	0.5	5
891	Effect of source and level of protein supplementation on rice straw utilization by Brahman steers. Journal of Animal Science, 2017, 95, 387-394.	0.5	1

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902	Essential oils blend with a newly developed enzyme cocktail works synergistically to enhance feed utilization and milk production of Farafra ewes in the subtropics. Small Ruminant Research, 2018, 161, 43-50.	1.2	41
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905	Effects of high condensed-tannin substrate, prior dietary tannin exposure, antimicrobial inclusion, and animal species on fermentation parameters following a 48 h in vitro incubation1. Journal of Animal Science, 2018, 96, 343-353.	0.5	4
906	Effect of supplemental dietary slow-release urea on growth performance and physiological status of dairy heifers. Animal Science Journal, 2018, 89, 966-971.	1.4	1
907	Methane emissions and productivity of defaunated and refaunated sheep while grazing. Small Ruminant Research, 2018, 161, 28-33.	1.2	5
908	Effects of rumen-protected arginine supplementation and arginine-HCl injection on site and extent of digestion and small intestinal amino acid disappearance in forage-fed steers1. Translational Animal Science, 2018, 2, 205-215.	1.1	9
909	Dietary fat sources affect feed intake, digestibility, rumen microbial populations, energy partition and methane emissions in different beef cattle genotypes. Animal, 2018, 12, 2529-2538.	3.3	11

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918	Effect of processing of supplemental corn on metabolizable protein of beef cows consuming low-quality forage1. Translational Animal Science, 2018, 2, S117-S120.	1.1	1
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921	Expression of a Recombinant Lentinula edodes Xylanase by Pichia pastoris and Its Effects on Ruminal Fermentation and Microbial Community in in vitro Incubation of Agricultural Straws. Frontiers in Microbiology, 2018, 9, 2944.	3.5	15
922	The impact of reducing dietary crude protein and increasing total dietary fiber on hindgut fermentation, the methanogen community and gas emission in growing pigs. Animal Feed Science and Technology, 2018, 245, 54-66.	2.2	17
923	Succession of ruminal bacterial species and fermentation characteristics in preweaned Brangus calves1. Translational Animal Science, 2018, 2, S48-S52.	1.1	1
924	Microbial populations and ruminal fermentation of sheep and llamas fed low quality forages. Small Ruminant Research, 2018, 168, 47-51.	1.2	5
925	Effects of maturity at harvest on the nutritive value and ruminal digestion of Eragrostis tef (cv.) Tj ETQq1 1 0.784314.rgBT /Overlock 10 0.5	0.5	6
926	The effects of rumen nitrogen balance on in vitro rumen fermentation and microbial protein synthesis vary with dietary carbohydrate and nitrogen sources. Animal Feed Science and Technology, 2018, 241, 184-197.	2.2	20
927	Effects of source and level of dietary energy supplementation on in vitro digestibility and methane production from tall fescue-based diets. Animal Feed Science and Technology, 2018, 242, 41-47.	2.2	11

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929	Crushed flaxseed versus flaxseed oil in the diets of Nubian goats: Effect on feed intake, digestion, ruminal fermentation, blood chemistry, milk production, milk composition and milk fatty acid profile. <i>Animal Feed Science and Technology</i> , 2018, 244, 66-75.	2.2	41
930	Does the level of forage neutral detergent fiber affect the ruminal fermentation, digestibility and feeding behavior of goats fed cactus pear?. <i>Animal Science Journal</i> , 2018, 89, 1424-1431.	1.4	30
931	Feeding condensed tannins to mitigate ammonia emissions from beef feedlot cattle fed high-protein finishing diets containing distillers grains ¹² . <i>Journal of Animal Science</i> , 2018, 96, 4414-4430.	0.5	25
932	Comparison of warm season and cool season forages for dairy grazing systems in continuous culture ¹ . <i>Translational Animal Science</i> , 2018, 2, 125-134.	1.1	8
933	Modulation of ruminal and intestinal fermentation by medicinal plants and zinc from different sources. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1131-1145.	2.2	11
934	Rumen function and foraging behaviour of non-lactating, pregnant dairy cows wintered on kale or grass. <i>New Zealand Journal of Agricultural Research</i> , 2019, 62, 96-111.	1.6	4
935	Assessment of rumen microbial diversity of buffalo raised under typical feeding condition using Illumina Sequencing technique. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 247, 012064.	0.3	3
936	Encapsulated nitrate replacing soybean meal changes in vitro ruminal fermentation and methane production in diets differing in concentrate to forage ratio. <i>Animal Science Journal</i> , 2019, 90, 1350-1361.	1.4	5
937	The comparison of goat rumen fermentation given the cocoa pulp-based complete feed and corn cob as fiber source. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 247, 012075.	0.3	0
938	Unveiling the relationships between diet composition and fermentation parameters response in dual-flow continuous culture system: a meta-analytical approach. <i>Translational Animal Science</i> , 2019, 3, 1064-1075.	1.1	18
939	Influence of storage time and processing on chemical composition and in vitro ruminal fermentation of olive cake. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1303-1312.	2.2	4
940	Nutritive Value of Tomato Pomace for Ruminants and Its Influence on In Vitro Methane Production. <i>Animals</i> , 2019, 9, 343.	2.3	22
941	Effects of inoculation of corn silage with <i>Lactobacillus</i> spp. or <i>Saccharomyces cerevisiae</i> alone or in combination on silage fermentation characteristics, nutrient digestibility, and growth performance of growing beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 4974-4986.	0.5	14
942	In vitro ruminal fermentation characteristics of alfalfa silages in response to different pre-ensiling treatments. <i>Animal Feed Science and Technology</i> , 2019, 258, 114306.	2.2	10
943	Dietary Energy Level Promotes Rumen Microbial Protein Synthesis by Improving the Energy Productivity of the Ruminal Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 847.	3.5	43
944	Ammonia levels on <i>in vitro</i> degradation of fibrous carbohydrates from buffel grass. <i>South African Journal of Animal Sciences</i> , 2019, 49, 585.	0.5	4
945	Effects of Adding Various Silage Additives to Whole Corn Crops at Ensiling on Performance, Rumen Fermentation, and Serum Physiological Characteristics of Growing-Finishing Cattle. <i>Animals</i> , 2019, 9, 695.	2.3	12

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946	Effect of replacing soybean meal with urea or encapsulated nitrate with or without elemental sulfur on nitrogen digestion and methane emissions in feedlot cattle. <i>Animal Feed Science and Technology</i> , 2019, 257, 114293.	2.2	18
947	Evaluation of <i>Brassica carinata</i> meal on ruminant metabolism and apparent total tract digestibility of nutrients in beef steers ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 1325-1334.	0.5	10
948	The potential of ramie as forage for ruminants: Impacts on growth, digestion, ruminal fermentation, carcass characteristics and meat quality of goats. <i>Animal Science Journal</i> , 2019, 90, 481-492.	1.4	14
949	Energy to protein ratios in supplements for grazing heifers in the rainy season. <i>Tropical Animal Health and Production</i> , 2019, 51, 2395-2403.	1.4	4
950	Extruded urea could reduce true protein source in beef cattle diets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1283-1294.	2.2	10
951	Expression of a recombinant <i>Lentinula edodes</i> cellobiohydrolase by <i>Pichia pastoris</i> and its effects on in vitro ruminal fermentation of agricultural straws. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 146-155.	7.5	25
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955	Effect of increased inclusion of dried distillers grain supplement on adaptation, intake, digestibility, and rumen parameters in steers consuming bermudagrass round bale silage. <i>Translational Animal Science</i> , 2019, 3, 29-41.	1.1	2
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957	In vitro evaluation of macroalgae as unconventional ingredients in ruminant animal feeds. <i>Algal Research</i> , 2019, 40, 101481.	4.6	24
958	Variability in the Chemical Composition and In Vitro Ruminal Fermentation of Olive Cake By-Products. <i>Animals</i> , 2019, 9, 109.	2.3	20
959	Effects of a commercial fermentation byproduct or urea on milk production, rumen metabolism, and omasal flow of nutrients in lactating dairy cattle. <i>Journal of Dairy Science</i> , 2019, 102, 3023-3035.	3.4	7
960	A comparison of three highly fermentable carbohydrate sources (corn, cassava powder or cassava) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 0.3	0.3	0
961	Rumen fermentation characteristics of Ongole crossbred bulls in response to different inclusion levels of dried cassava chips and palm kernel cake. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 387, 012117.	0.3	0
962	Replacing Soybean Meal with Urea in Diets for Heavy Fattening Lambs: Effects on Growth, Metabolic Profile and Meat Quality. <i>Animals</i> , 2019, 9, 974.	2.3	12
963	Evaluation of nutritional value of linseed protein quality in lactating Ettawa crossbreed dairy goats. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0

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965	Performance and Ruminal Parameters of Boer Crossbred Goats Fed Diets that Contain Crude Glycerin. <i>Animals</i> , 2019, 9, 967.	2.3	3
966	In Vitro Digestibility, In Situ Degradability, Rumen Fermentation and N Metabolism of Camelina Co-Products for Beef Cattle Studied with a Dual Flow Continuous Culture System. <i>Animals</i> , 2019, 9, 1079.	2.3	8
968	Different endosperm structures in wheat and corn affected in vitro rumen fermentation and nitrogen utilization of rice straw-based diet. <i>Animal</i> , 2019, 13, 1607-1613.	3.3	8
969	Effects of folic acid on growth performance, ruminal fermentation, nutrient digestibility and urinary excretion of purine derivatives in post-weaned dairy calves. <i>Archives of Animal Nutrition</i> , 2019, 73, 18-29.	1.8	11
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974	Nutritive utilization of Moringa oleifera tree stalks treated with fungi and yeast to replace clover hay in growing lambs. <i>Agroforestry Systems</i> , 2019, 93, 161-173.	2.0	10
975	Effects of microbial feed additives on feed utilization and growth performance in growing Barki lambs fed diet based on peanut hay. <i>Animal Biotechnology</i> , 2020, 31, 447-454.	1.5	12
976	Effects of narasin supplementation on dry matter intake and rumen fermentation characteristics of Bos indicus steers fed a high-forage diet. <i>Translational Animal Science</i> , 2020, 4, 118-128.	1.1	16
977	Influence of elevated protein and tannin-rich peanut skin supplementation on growth performance, blood metabolites, carcass traits and immune-related gene expression of grazing meat goats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 88-100.	2.2	8
978	Effects of level of feed intake and season on digestibility of dietary components, efficiency of microbial protein synthesis, rumen fermentation and ruminal microbiota in yaks. <i>Animal Feed Science and Technology</i> , 2020, 259, 114359.	2.2	18
979	Dietary nitrate metabolism and enteric methane mitigation in sheep consuming a protein-deficient diet. <i>Animal Production Science</i> , 2020, 60, 232.	1.3	6
980	Influence of stocking rate and advancing season on forage intake, digestibility, and ruminal fermentation in steers supplemented with dried distillers grains with solubles while grazing northern Great Plains rangelands1. <i>Translational Animal Science</i> , 2020, 4, txaa159.	1.1	0
981	Nutrient utilization efficiency, ruminal fermentation and microbial community in Holstein bulls fed concentrate-based diets with different forage source. <i>Animal Feed Science and Technology</i> , 2020, 269, 114662.	2.2	5
982	Feed utilization and lactational performance of Barki sheep fed diets containing thyme or celery. <i>Small Ruminant Research</i> , 2020, 192, 106249.	1.2	17

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983	Seasonal and Nutrient Supplement Responses in Rumen Microbiota Structure and Metabolites of Tropical Rangeland Cattle. <i>Microorganisms</i> , 2020, 8, 1550.	3.6	19
984	Grazing systems and supplementation effects on tropical forage-based dairy systems in the dry season. <i>Livestock Science</i> , 2020, 241, 104250.	1.6	0
985	Effect of replacement of antibiotics with thyme and celery seed mixture on the feed intake and digestion, ruminal fermentation, blood chemistry, and milk lactation of lactating Barki ewes. <i>Food and Function</i> , 2020, 11, 6889-6898.	4.6	20
986	Increasing propionate acid production in Bali cattle through ZnSO ₄ and Zn-Cu isoleusinates supplementation as a strategy to mitigate methane gas production. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 454, 012066.	0.3	1
987	Supplementing Northern Australian Beef Cattle with Desmanthus Tropical Legume Reduces In-Vivo Methane Emissions. <i>Animals</i> , 2020, 10, 2097.	2.3	17
988	Effects of dietary supplementation with different concentration of molasses on growth performance, blood metabolites and rumen fermentation indices of Nubian goats. <i>BMC Veterinary Research</i> , 2020, 16, 411.	1.9	4
989	Effects of bismuth subsalicylate and encapsulated calcium-ammonium nitrate on enteric methane production, nutrient digestibility, and liver mineral concentration of beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	1
990	Digestibility of dry matter and organic matter and the in vitro rumen parameters of complete feed from fermented corn cobs and moringa (<i>Moringa oleifera</i>) leaves meal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 454, 012062.	0.3	2
991	Supplementation strategies to enhance intake of romerillo (<i>Chiliotrichum diffusum</i>) by sheep in southern Patagonia. <i>Small Ruminant Research</i> , 2020, 192, 106205.	1.2	1
992	Effects of Replacing Extruded Maize by Dried Citrus Pulp in a Mixed Diet on Ruminal Fermentation, Methane Production, and Microbial Populations in Rusitec Fermenters. <i>Animals</i> , 2020, 10, 1316.	2.3	6
993	Effects of bismuth subsalicylate and encapsulated calcium ammonium nitrate on ruminal fermentation of beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	7
994	Effects of inoculation of corn silage with <i>Lactobacillus hilgardii</i> and <i>Lactobacillus buchneri</i> on silage quality, aerobic stability, nutrient digestibility, and growth performance of growing beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	21
995	Utilization of Avocado and Mango Fruit Wastes in Multi-Nutrient Blocks for Goats Feeding: In Vitro Evaluation. <i>Animals</i> , 2020, 10, 2279.	2.3	9
996	Replacing Forage by Crude Olive Cake in a Dairy Sheep Diet: Effects on Ruminal Fermentation and Microbial Populations in Rusitec Fermenters. <i>Animals</i> , 2020, 10, 2235.	2.3	6
997	Effect of sulfuric acid and molasses on the chemical composition, ruminal fermentation, and digestibility of silage of <i>Conocarpus erectus</i> L. tree leaves and branches. <i>Agroforestry Systems</i> , 2020, 94, 1601-1609.	2.0	4
998	In vitro ruminal fermentation parameters and methane production of Marandu palisadegrass () Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Grass and Forage Science</i> , 2020, 75, 339-350.	2.9	1
999	<i>Chlorella vulgaris</i> microalgae and/or copper supplementation enhanced feed intake, nutrient digestibility, ruminal fermentation, blood metabolites and lactational performance of Boer goat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1595-1605.	2.2	16
1000	Beef cattle responses to pre-grazing sward height and low level of energy supplementation on tropical pastures. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	6

#	ARTICLE	IF	CITATIONS
1001	Supplemental levels of protein and energy influence ingestion of Romerillo (<i>Chiliotrichum diffusum</i>) by sheep in southern Patagonia. <i>Small Ruminant Research</i> , 2020, 191, 106160.	1.2	1
1002	Apparent total tract digestibility, ruminal fermentation, and blood metabolites in beef steers fed green-chopped cool-season forages. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	0
1003	Rumen digesta and products of fermentation in cows fed varying proportions of fodder beet (<i>Beta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	13
1004	Isoflavone supplementation, via red clover hay, alters the rumen microbial community and promotes weight gain of steers grazing mixed grass pastures. <i>PLoS ONE</i> , 2020, 15, e0229200.	2.5	21
1005	Estimating degradation of individual essential amino acids in fish meal and blood meal by rumen microbes in a dual-flow continuous-culture system. <i>Journal of Dairy Science</i> , 2020, 103, 6209-6217.	3.4	3
1006	In Vitro Fermentation Patterns and Methane Output of Perennial Ryegrass Differing in Water-Soluble Carbohydrate and Nitrogen Concentrations. <i>Animals</i> , 2020, 10, 1076.	2.3	14
1007	Comparison of microbial fermentation data from dual-flow continuous culture system and omasal sampling technique: A meta-analytical approach. <i>Journal of Dairy Science</i> , 2020, 103, 2347-2362.	3.4	16
1008	Combining Orchardgrass and Alfalfa: Effects of Forage Ratios on In Vitro Rumen Degradation and Fermentation Characteristics of Silage Compared with Hay. <i>Animals</i> , 2020, 10, 59.	2.3	12
1009	Effects of protein restriction on performance, ruminal fermentation and microbial community in Holstein bulls fed high-concentrate diets. <i>Animal Feed Science and Technology</i> , 2020, 264, 114479.	2.2	9
1010	Phytogenic feed additives mixture enhances the lactational performance, feed utilization and ruminal fermentation of Friesian cows. <i>Animal Biotechnology</i> , 2021, 32, 708-718.	1.5	32
1011	Modulation of rumen fermentation and microbial community through increasing dietary cationâ€“anion difference in Chinese Holstein dairy cows under heat stress conditions. <i>Journal of Applied Microbiology</i> , 2021, 130, 722-735.	3.1	8
1012	Foraging behaviour, digestion and growth performance of sheep grazing on dried vetch pasture cropped under conservation agriculture. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 51-58.	2.2	4
1013	The effects of supplementing sweet sorghum with grapeseeds on dry matter intake, average daily gain, feed digestibility and rumen parameters and microbiota in lambs. <i>Animal Feed Science and Technology</i> , 2021, 272, 114750.	2.2	7
1014	Sheep Digestive Physiology and Constituents of Feeds. , 0, , .		2
1015	Amino Acids in Beef Cattle Nutrition and Production. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1285, 29-42.	1.6	8
1016	The use of live yeast to increase intake and performance of cattle receiving low-quality tropical forages. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	1
1017	Proxy Measures and Novel Strategies for Estimating Nitrogen Utilisation Efficiency in Dairy Cattle. <i>Animals</i> , 2021, 11, 343.	2.3	16
1018	Effect of date palm (<i>Phoenix dactylifera</i> L.) leaves on productive performance of growing lambs. <i>Tropical Animal Health and Production</i> , 2021, 53, 72.	1.4	9

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1019	Digestibility, ingestive behavior, and nitrogen balance in goat kids fed a diet containing dehydrated passion fruit residue. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, .	0.8	0
1020	Digestive, fermentative, and physical properties of pineapple residue as a feed for cattle. <i>Animal Science Journal</i> , 2021, 92, e13535.	1.4	6
1021	Protein supplementation to early lactation dairy cows grazing tropical grass: Performance and ruminal metabolism. <i>Animal Science Journal</i> , 2021, 92, e13564.	1.4	1
1022	Strategic supplementation of growing cattle on tropical pastures improves nutrient use and animal performance, with fewer days required on the finishing phase. <i>Animal Production Science</i> , 2021, 61, 480.	1.3	6
1023	Nutritive value and in vitro methane production of <i>Urochloa brizantha</i> cv. Marandu under fixed time or variable stocking cycles. <i>Grass and Forage Science</i> , 2021, 76, 427-439.	2.9	0
1024	Intake and ruminal parameters of goats fed diets supplemented with vegetable oils. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, .	0.8	0
1025	The Addition Effectiveness of Sweet Potato Prebiotics on Digestibility and Bacteria In Vitro. <i>CELEBES Agricultural</i> , 2021, 1, 18-26.	0.2	0
1026	Lemongrass supplementation to Farafra ewes improved feed utilization, lactational performance and milk nutritive value in the subtropics. <i>Animal Biotechnology</i> , 2022, 33, 1118-1127.	1.5	6
1027	Formulating rations with cassava meal to promote high live weight gain in crossbred Limousin bulls. <i>Animal</i> , 2021, 15, 100125.	3.3	11
1028	Diet Transition from High-Forage to High-Concentrate Alters Rumen Bacterial Community Composition, Epithelial Transcriptomes and Ruminal Fermentation Parameters in Dairy Cows. <i>Animals</i> , 2021, 11, 838.	2.3	33
1029	A novel ammoniation treatment of barley as a strategy to optimize rumen pH, feed degradability and microbial protein synthesis in sheep. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5541-5549.	3.5	3
1030	Treatment of Rice Stubble with <i>Pleurotus ostreatus</i> and Urea Improves the Growth Performance in Slow-Growing Goats. <i>Animals</i> , 2021, 11, 1053.	2.3	21
1031	Effects of different rumen undegradable to rumen degradable protein ratios on performance, ruminal fermentation, urinary purine derivatives, and carcass characteristics of growing lambs fed a high wheat straw-based diet. <i>Small Ruminant Research</i> , 2021, 197, 106330.	1.2	8
1032	S ¹ / ₄ t Ąnekleri Rasyonlar [±] na M [±] s [±] r Silaj [±] Yerine Farkl [±] D ¹ / ₄ zeylerde Kat [±] lan Patates Posas [±] Silaj [±] n [±] n S ¹ / ₄ t V [±] rimi, S ¹ / ₄ t Bile [±] yenleri ve Rumen U [±] şucu Ya [±] Asitleri. <i>Erciyes Ąniversitesi Veteriner Fak¹/₄ltesi Dergisi</i> , 0, , .	0.4	2
1033	Effects of supplementation with narasin, salinomycin, or flavomycin on performance and ruminal fermentation characteristics of <i>Bos indicus</i> Nellore cattle fed with forage-based diets. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	15
1034	Natural intoxication caused by protodioscin in lambs kept in <i>Brachiaria</i> pastures. <i>Tropical Animal Health and Production</i> , 2021, 53, 336.	1.4	4
1035	Ruminal degradation kinetics, intake, digestibility, and feeding behavior of beef steers offered annual or perennial grass-hay with or without supplementation. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	1
1036	Effect of synchronizing the rate degradation of protein and organic matter of feed base on corn waste on fermentation characteristic and synthesis protein microbial. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 788, 012042.	0.3	0

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1038	Effects of <i>Chlorella vulgaris</i> , <i>Nannochloropsis oceanica</i> and <i>Tetraselmis</i> sp. supplementation levels on <i>in vitro</i> rumen fermentation. Algal Research, 2021, 56, 102284.	4.6	13
1039	Nitrate supplementation of rations based on rice straw but not Pangola hay, improves growth performance in meat goats. Animal Bioscience, 2021, 34, 1022-1028.	2.0	1
1040	Kimchi cabbage (<i>Brassica rapa</i> L.) by-products treated with calcium oxide and alkaline hydrogen peroxide as feed ingredient for Holstein steers. Journal of Animal Science and Technology, 2021, 63, 841-853.	2.5	2
1041	Effect of biochanin A on the rumen microbial community of Holstein steers consuming a high fiber diet and subjected to a subacute acidosis challenge. PLoS ONE, 2021, 16, e0253754.	2.5	12
1042	Effects of narasin supplementation frequency on intake, ruminal fermentation parameters, and nutrient digestibility of <i>Bos indicus</i> Nellore steers fed with forage-based diets. Translational Animal Science, 2021, 5, txab125.	1.1	5
1043	Quality evaluation of tithonia (<i>Tithonia diversifolia</i>) with fermentation using <i>Lactobacillus plantarum</i> and <i>Aspergillus ficuum</i> at different incubation times. Biodiversitas, 2021, 22, .	0.6	3
1044	Evaluation of sorghum dried distillers' grains plus solubles as a replacement of a portion of sorghum grain and soybean meal in growing diets for steers. Livestock Science, 2021, 250, 104564.	1.6	6
1045	Effects of formic acid and corn flour supplementation of banana pseudostem silages on nutritional quality of silage, growth, digestion, rumen fermentation and cellulolytic bacterial community of Nubian black goats. Journal of Integrative Agriculture, 2021, 20, 2214-2226.	3.5	2
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1047	Performance, nutrient use, and methanogenesis of Nellore cattle on a continuous grazing system of <i>Urochloa brizantha</i> and fed supplement types varying on protein and energy sources. Livestock Science, 2021, 253, 104716.	1.6	3
1048	History of Dairy Farming. , 2022, , 1-29.		0
1049	Factors affecting microbial growth yields in the reticulo-rumen. , 1980, , 205-226.		73
1050	Utilization of Nitrogen Sources by Gastrointestinal Tract Bacteria. , 1983, , 167-187.		26
1051	The Influence of Energy-Rich Supplements on Nitrogen Kinetics in Ruminants. , 1991, , 515-539.		31
1052	PRACTICAL ASPECTS OF FEEDING PROTEIN TO DAIRY COWS. , 1984, , 201-217.		4
1053	PRACTICAL ASPECTS OF FEEDING PROTEIN TO DAIRY COWS. , 1988, , 196-212.		7
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1056	REDUCING THE RATE OF AMMONIA RELEASE BY THE USE OF ALTERNATIVE NON-PROTEIN NITROGEN SOURCES. , 1981, , 99-114.		3
1057	INFLUENCE OF NITROGEN AND CARBOHYDRATE INPUTS ON RUMEN FERMENTATION. , 1981, , 115-139.		24
1058	PROTEIN QUANTITY AND QUALITY FOR THE UK DAIRY COW. , 1981, , 184-214.		5
1059	ASPECTS OF THE BIOCHEMISTRY OF RUMEN FERMENTATION AND THEIR IMPLICATION IN RUMINANT PRODUCTIVITY. , 1977, , 8-24.		5
1060	INFLUENCE OF NITROGEN AND CARBOHYDRATE INPUTS ON RUMEN FERMENTATION. , 1977, , 25-49.		2
1061	REDUCING THE RATE OF AMMONIA RELEASE BY THE USE OF ALTERNATIVE NON-PROTEIN NITROGEN SOURCES. , 1977, , 50-65.		3
1062	THE POTENTIAL OF PROTECTED PROTEINS IN RUMINANT NUTRITION. , 1977, , 66-82.		5
1063	Enzymatic methods to predict the value of the energy and protein in feedingstuffs. Animal Research, 1980, 29, 325-340.	0.6	5
1064	Effect of duodenal perfusion of protein on the intake of dairy cows with or without incomplete milking. Animal Research, 2000, 49, 487-496.	0.6	1
1065	The liveweight gain response of heifers to supplements of molasses or maize while grazing irrigated Leucaena leucocephala/Digitaria eriantha pastures in north-west Australia. Animal Production Science, 2012, 52, 619.	1.3	5
1066	Digestion of forages in the rumen is increased by the amount but not the type of protein supplement. Animal Production Science, 2014, 54, 1363.	1.3	6
1067	Nitrogen loss from protein meals held in terylene bags in the rumen of cattle and the nutritive value of the residues. Australian Journal of Agricultural Research, 1983, 34, 453.	1.5	21
1068	Responses to protein meal supplements by lactating beef cattle given a low-quality pasture hay. Australian Journal of Agricultural Research, 1985, 36, 729.	1.5	29
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1073	Effects of Feeding Crab Processing Waste and Other Protein Supplements on Growth and Ruminal Characteristics of Steers Fed High-Roughage Diets1. The Professional Animal Scientist, 2007, 23, 482-489.	0.7	1

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1075	CONSUMO E DIGESTIBILIDADE APARENTE DO FENO DE <i>Andropogon gayanus</i> COLHIDO EM TRÊS IDADES DIFERENTES. <i>Ciencia Animal Brasileira</i> , 2016, 17, 482-490.	0.3	4
1076	Ammoniated babassu palm hay in anglo-nubian goat diets. <i>Ciencia E Agrotecnologia</i> , 2016, 40, 688-697.	1.5	1
1077	Variáveis ruminais avaliadas por meio de funções matemáticas contínuas. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 1651-1657.	0.9	5
1078	Parâmetros sanguíneos, hepáticos e ruminais de ovinos alimentados com dietas com farelo de mamona destoxificado. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 103-110.	0.9	10
1079	Concentrados protéicos para bovinos: 1. Digestibilidade in situ da matéria seca e da proteína bruta. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2003, 55, 315-323.	0.4	30
1080	Digestibility and ruminal digestion kinetics of corn silage. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005, 57, 223-228.	0.4	3
1081	Fontes proteicas em suplementos para novilhos no período de transição seca-água: características nutricionais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011, 63, 895-904.	0.4	7
1082	Parâmetros da fermentação ruminal e concentração de derivados de purina de vacas em lactação alimentadas com castanha de caju. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 959-966.	0.4	4
1083	Degradabilidade in situ do bagaço de cana-de-açúcar para pequenos ruminantes de raças naturalizadas do Nordeste brasileiro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 1792-1800.	0.4	2
1084	Ruminal parameters analyzed in remaining digestion residue of roughages in the in vitro/gas system. <i>Scientia Agricola</i> , 2002, 59, 573-579.	1.2	3
1085	Efeitos de níveis crescentes de fibra em detergente neutro na dieta sobre a fermentação ruminal em bubalinos e bovinos. <i>Revista Brasileira De Zootecnia</i> , 2000, 29, 1553-1564.	0.8	6
1086	Digestibilidade in vitro da matéria seca, nitrogênio e fibra em detergente ácido de dietas completas contendo farelo de algodão, uréia ou amirúria. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 236-241.	0.8	4
1087	Fontes nitrogenadas e uso de <i>Sacharomyces cerevisiae</i> em dietas à base de cana-de-açúcar para novilhos: consumo, digestibilidade, balanço nitrogenado e parâmetros ruminais. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 563-572.	0.8	21
1088	Suplementação de Novilhos Mestiços em Pastejo na Época de Transição Água-Seca: Desempenho Produtivo, Características Físicas de Carcassa, Consumo e Parâmetros Ruminais. <i>Revista Brasileira De Zootecnia</i> , 2002, 31, 213-222.	0.8	23
1089	Desempenho de novilhas mestiças e parâmetros ruminais em novilhos, suplementados durante o período das águas. <i>Revista Brasileira De Zootecnia</i> , 2002, 31, 1050-1058.	0.8	12
1090	Desempenho de novilhos Nelore em pastejo na época das águas: ganho de peso, consumo e parâmetros ruminais. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 214-221.	0.8	10
1091	Avaliação de diferentes tipos de camas de frango, associadas à uréia, na suplementação de novilhos consumindo forragem de baixa qualidade. <i>Revista Brasileira De Zootecnia</i> , 2004, 33, 471-480.	0.8	1

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1093	Efeito da monensina e extrato de própolis sobre a produção de amônia e degradabilidade in vitro da proteína bruta de diferentes fontes de nitrogênio. Revista Brasileira De Zootecnia, 2004, 33, 504-510.	0.8	10
1094	Efeito de enzimas fibrolíticas e do teor de matéria seca em silagens de capim-tanzânia sobre os parâmetros ruminais, o comportamento ingestivo e a digestão de nutrientes, em bovinos. Revista Brasileira De Zootecnia, 2005, 34, 736-745.	0.8	5
1095	Fontes de energia em suplementos múltiplos de auto-regulação de consumo na recria de novilhos mestiços em pastagens de Brachiaria decumbens durante o período das águas. Revista Brasileira De Zootecnia, 2005, 34, 957-962.	0.8	15
1096	Cana-de-açúcar em substituição à silagem de milho em dietas para vacas em lactação: parâmetros digestivos e ruminais. Revista Brasileira De Zootecnia, 2006, 35, 591-599.	0.8	28
1097	Taxa de passagem e parâmetros ruminais em bovinos suplementados com enzimas fibrolíticas. Revista Brasileira De Zootecnia, 2006, 35, 1186-1193.	0.8	8
1098	Síntese de proteína microbiana e concentrações de uréia em vacas alimentadas com diferentes fontes de proteína. Revista Brasileira De Zootecnia, 2006, 35, 1552-1559.	0.8	6
1099	Níveis de proteína em suplementos para novilhos mestiços em pastejo durante o período de transição seca/águas. Revista Brasileira De Zootecnia, 2006, 35, 2135-2143.	0.8	15
1100	Variação diária na excreção de indicadores interno (FDAi) e externo (Cr2O3), digestibilidade e parâmetros ruminais em bovinos alimentados com dietas contendo uréia ou farelo de soja. Revista Brasileira De Zootecnia, 2007, 36, 739-747.	0.8	9
1101	Níveis de uréia na ração de novilhos de quatro grupos genéticos: parâmetros ruminais, uréia plasmática e excreções de uréia e creatinina. Revista Brasileira De Zootecnia, 2008, 37, 556-562.	0.8	14
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1103	Níveis de concentrado na dieta de bovinos Nelore de três condições sexuais: consumo, digestibilidades total e parcial, produção microbiana e parâmetros ruminais. Revista Brasileira De Zootecnia, 2008, 37, 951-960.	0.8	7
1104	Efeito de fontes e formas de processamento do amido sobre o desempenho e o metabolismo do nitrogênio em vacas Holandesas em lactação. Revista Brasileira De Zootecnia, 2008, 37, 1456-1462.	0.8	4
1105	Fontes de proteína em suplementos múltiplos para bovinos em pastejo no período das águas. Revista Brasileira De Zootecnia, 2008, 37, 2222-2232.	0.8	8
1106	Formas de utilização do milho em suplementos para novilhos na fase de terminação em pastagem no período das águas: desempenho e parâmetros nutricionais. Revista Brasileira De Zootecnia, 2008, 37, 2251-2260.	0.8	6
1107	Avaliação dos efeitos de fontes de fósforo na dieta sobre parâmetros do meio ruminal e eficiência de síntese microbiana, digestibilidade dos nutrientes e fósforo plasmático em bovinos. Revista Brasileira De Zootecnia, 2009, 38, 760-769.	0.8	4
1108	Uréia em suplementos protéico-energéticos para bovinos de corte durante o período da seca: características nutricionais e ruminais. Revista Brasileira De Zootecnia, 2009, 38, 770-777.	0.8	6
1109	Valor nutritivo do resíduo do processamento do caroço de algodão suplementado com levedura e avaliado em bovinos. Revista Brasileira De Zootecnia, 2009, 38, 2031-2037.	0.8	6

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1111	Suplementação infrequente e fontes proteicas para recria de bovinos em pastejo no período seco: parâmetros nutricionais. Revista Brasileira De Zootecnia, 2011, 40, 882-891.	0.8	3
1112	Supplementation levels for growing beef cattle grazing in the dry-rainy transition season. Revista Brasileira De Zootecnia, 2011, 40, 904-911.	0.8	12
1113	Degradação in vitro da fibra em detergente neutro de forragem tropical de baixa qualidade em função da suplementação com proteína verdadeira e/ou nitrogênio não-proteico. Revista Brasileira De Zootecnia, 2011, 40, 1272-1279.	0.8	11
1114	Metabolism and ruminal parameters of Holstein Gir heifers fed sugarcane and increasing levels of crude protein. Revista Brasileira De Zootecnia, 2012, 41, 2101-2109.	0.8	5
1115	Effects of 2-hydroxy-4(methylthio) butanoic acid isopropyl ester on rumen fermentation in cashmere goats. Revista Brasileira De Zootecnia, 2013, 42, 342-346.	0.8	3
1116	Partial replacement of corn with glycerin: digestibility and ruminal fermentation kinetics by in vitro gas production. Revista Colombiana De Ciencias Pecuarias, 2016, 29, .	0.4	2
1117	<i>In vitro</i> fermentation, digestibility and methane production as influenced by <i>Delonix regia</i> seed meal containing tannins and saponins. Journal of Animal and Feed Sciences, 2017, 26, 123-130.	1.1	23
1118	Non-Invasive Indicators Associated with Subacute Ruminal Acidosis in Dairy Cows. Annals of Animal Science, 2020, 20, 1325-1338.	1.6	4
1119	Top-dressing of chelated phytogenic feed additives in the diet of lactating Friesian cows to enhance feed utilization and lactational performance. Annals of Animal Science, 2021, 21, 657-673.	1.6	8
1120	<i>Chlorella vulgaris</i> Microalgae and Copper Mixture Supplementation Enhanced the Nutrient Digestibility and Milk Attributes in Lactating Boer Goats. Annals of Animal Science, 2021, 21, 939-957.	1.6	4
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1123	The influence of oscillating dietary protein concentrations on finishing cattle. II. Nutrient retention and ammonia emissions. Journal of Animal Science, 2007, 85, 1496.	0.5	61
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1126	Effects of Urea Supplementation of Diets Containing Lignosulfonate-Treated Soybean Meal on Bacterial Fermentation in Continuous Culture of Ruminal Contents. Journal of Animal Science, 1988, 66, 2948.	0.5	19
1127	Rumen metabolism, omasal flow of nutrients, and microbial dynamics in lactating dairy cows fed fresh perennial ryegrass (<i>Lolium perenne</i> L.) not supplemented or supplemented with rolled barley grain. Journal of Dairy Science, 2020, 103, 11332-11348.	3.4	16

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1130	Challenges in ruminant nutrition: towards minimal nitrogen losses in cattle. , 2013, , 47-58.		23
1131	Replacement of Soybean Meal by Yeast Fermented-Cassava Chip Protein (YEFECAP) in Concentrate Diets Fed on Rumen Fermentation, Microbial Population and Nutrient Digestibilities in Ruminants. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 1727-1734.	0.1	19
1132	Assessment of Urea and/or Lime Treatment on Rice Straw Quality Using in vitro Gas Fermentation Technique. <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 295-299.	0.1	4
1133	Analysis of Heavy Metal Lead (Pb) Levels with Aas in Cow's Milk by Giving Cumin (<i>Cuminum cyminum</i> L.), White Turmeric (<i>Curcuma zedoaria</i> Rosc.) and Mango Turmeric (<i>Curcuma mangga</i> Val.). <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1373-1377.	0.5	7
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1135	Effect of Mineralized Solid Palm Fat and Feeding Pattern on Ruminal Ecology and Digestibility of Nutrients in Dairy Steers Fed on Urea-Treated Rice Straw. <i>Pakistan Journal of Nutrition</i> , 2006, 5, 319-324.	0.2	3
1136	Supplementation Levels of Concentrate Containing High Levels of Cassava Chip on Rumen Ecology and Microbial Protein Synthesis in Cattle. <i>Pakistan Journal of Nutrition</i> , 2006, 5, 501-506.	0.2	3
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1140	Effect of Sulfate-Containing Compounds on Methane Production by Using an In vitro Gas Production Technique. <i>Pakistan Journal of Nutrition</i> , 2013, 12, 723-729.	0.2	3
1141	Use of Swamp Grass and Agricultural Waste as Materials for Total Mixed Fiber (TMF) in Rations and its Effect on Methane Gas Production and Production Efficiency of Beef Cattle. <i>Pakistan Journal of Nutrition</i> , 2016, 15, 342-346.	0.2	1
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1143	Nutritive Value, in vitro Fermentation Characteristics and Nutrient Digestibility of Agro-industrial Byproducts-based Complete Feed Block Enriched with Mixed Microbes. <i>Pakistan Journal of Nutrition</i> , 2017, 16, 470-476.	0.2	2
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