

Metha Wanapat

List of Publications by Year in descending order

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296
papers

5,733
citations

109264

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306
docs citations

306
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2750
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effect of Ruminant NH ₃ -N Levels on Ruminant Fermentation, Purine Derivatives, Digestibility and Rice Straw Intake in Swamp Buffaloes. <i>Asian-Australasian Journal of Animal Sciences</i> , 1999, 12, 904-907. | 2.4 | 145 |
| 2 | Effects of treating rice straw with urea or urea and calcium hydroxide upon intake, digestibility, rumen fermentation and milk yield of dairy cows. <i>Livestock Science</i> , 2009, 125, 238-243. | 0.6 | 130 |
| 3 | Review: Alternative and novel feeds for ruminants: nutritive value, product quality and environmental aspects. <i>Animal</i> , 2018, 12, s295-s309. | 1.3 | 125 |
| 4 | New aspects and strategies for methane mitigation from ruminants. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 31-44. | 1.7 | 120 |
| 5 | Use of Real-Time PCR Technique in Studying Rumen Cellulolytic Bacteria Population as Affected by Level of Roughage in Swamp Buffalo. <i>Current Microbiology</i> , 2009, 58, 294-299. | 1.0 | 119 |
| 6 | Effect of coconut oil and garlic powder on in vitro fermentation using gas production technique. <i>Livestock Science</i> , 2010, 127, 38-44. | 0.6 | 102 |
| 7 | The use of molecular techniques based on ribosomal RNA and DNA for rumen microbial ecosystem studies: a review. <i>Molecular Biology Reports</i> , 2008, 35, 265-274. | 1.0 | 101 |
| 8 | Dietary sources and their effects on animal production and environmental sustainability. <i>Animal Nutrition</i> , 2015, 1, 96-103. | 2.1 | 82 |
| 9 | Manipulation of rumen ecology by dietary lemongrass (<i>Cymbopogon citratus</i> Stapf.) powder supplementation. <i>Journal of Animal Science</i> , 2008, 86, 3497-3503. | 0.2 | 78 |
| 10 | Manipulation of rumen fermentation and ecology of swamp buffalo by coconut oil and garlic powder supplementation. <i>Livestock Science</i> , 2011, 135, 84-92. | 0.6 | 72 |
| 11 | Development of feeding systems and strategies of supplementation to enhance rumen fermentation and ruminant production in the tropics. <i>Journal of Animal Science and Biotechnology</i> , 2013, 4, 32. | 2.1 | 71 |
| 12 | A comparison of alkali treatment methods to improve the nutritive value of straw. I. Digestibility and metabolizability. <i>Animal Feed Science and Technology</i> , 1985, 12, 295-309. | 1.1 | 68 |
| 13 | Manipulation of ruminal fermentation and methane production by dietary saponins and tannins from mangosteen peel and soapberry fruit. <i>Archives of Animal Nutrition</i> , 2009, 63, 389-400. | 0.9 | 68 |
| 14 | Potential uses of local feed resources for ruminants. <i>Tropical Animal Health and Production</i> , 2009, 41, 1035-1049. | 0.5 | 63 |
| 15 | Dairy science and health in the tropics: challenges and opportunities for the next decades. <i>Tropical Animal Health and Production</i> , 2019, 51, 1009-1017. | 0.5 | 63 |
| 16 | Changes of rumen pH, fermentation and microbial population as influenced by different ratios of roughage (rice straw) to concentrate in dairy steers. <i>Journal of Agricultural Science</i> , 2014, 152, 675-685. | 0.6 | 61 |
| 17 | Effect of supplementation of garlic powder on rumen ecology and digestibility of nutrients in ruminants. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2231-2237. | 1.7 | 57 |
| 18 | Altitude influences microbial diversity and herbage fermentation in the rumen of yaks. <i>BMC Microbiology</i> , 2020, 20, 370. | 1.3 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Manipulation of Cassava Cultivation and Utilization to Improve Protein to Energy Biomass for Livestock Feeding in the Tropics. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 463-472. | 2.4 | 54 |
| 20 | Influence of Yeast Fermented Cassava Chip Protein (YEFECAP) and Roughage to Concentrate Ratio on Ruminal Fermentation and Microorganisms Using <i>In vitro</i> Gas Production Technique. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 36-45. | 2.4 | 53 |
| 21 | Fermentation Characteristics and Microbial Protein Synthesis in an In Vitro System Using Cassava, Rice Straw and Dried Ruzi Grass as Substrates. <i>Asian-Australasian Journal of Animal Sciences</i> , 2000, 13, 1084-1093. | 2.4 | 50 |
| 22 | Manipulating rumen fermentation and methanogenesis using an essential oil and monensin in beef cattle fed a tropical grass hay. <i>Animal Feed Science and Technology</i> , 2015, 200, 25-34. | 1.1 | 49 |
| 23 | Enriching nutritive value of cassava root by yeast fermentation. <i>Scientia Agricola</i> , 2009, 66, 629-633. | 0.6 | 46 |
| 24 | Cassava chip (<i>Manihot esculenta</i> Crantz) as an energy source for ruminant feeding. <i>Animal Nutrition</i> , 2015, 1, 266-270. | 2.1 | 43 |
| 25 | Effects of vegetable oil supplementation on feed intake, rumen fermentation, growth performance, and carcass characteristic of growing swamp buffaloes. <i>Livestock Science</i> , 2011, 135, 32-37. | 0.6 | 41 |
| 26 | Effects of Physical Form and Urea Treatment of Rice Straw on Rumen Fermentation, Microbial Protein Synthesis and Nutrient Digestibility in Dairy Steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1689-1697. | 2.4 | 41 |
| 27 | Effects of Urea Level and Sodium DL-malate in Concentrate Containing High Cassava Chip on Ruminal Fermentation Efficiency, Microbial Protein Synthesis in Lactating Dairy Cows Raised under Tropical Condition. <i>Asian-Australasian Journal of Animal Sciences</i> , 2006, 19, 837-844. | 2.4 | 40 |
| 28 | Influence of urea calcium mixture supplementation on ruminal fermentation characteristics of beef cattle fed on concentrates containing high levels of cassava chips and rice straw. <i>Animal Feed Science and Technology</i> , 2011, 163, 43-51. | 1.1 | 39 |
| 29 | Effect of tannins and saponins in <i>Samanea saman</i> on rumen environment, milk yield and milk composition in lactating dairy cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 335-344. | 1.0 | 39 |
| 30 | Effect of Plants Containing Secondary Compounds with Palm Oil on Feed Intake, Digestibility, Microbial Protein Synthesis and Microbial Population in Dairy Cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 820-826. | 2.4 | 39 |
| 31 | Effects of urea-calcium mixture in concentrate containing high cassava chip on feed intake, rumen fermentation and performance of lactating dairy cows fed on rice straw. <i>Livestock Science</i> , 2011, 136, 76-84. | 0.6 | 38 |
| 32 | Comparison of ruminal fermentation characteristics and microbial population in swamp buffalo and cattle. <i>Livestock Science</i> , 2012, 143, 172-176. | 0.6 | 38 |
| 33 | A Comparative Study on the Rumen Microbial Population of Cattle and Swamp Buffalo Raised under Traditional Village Conditions in the Northeast of Thailand. <i>Asian-Australasian Journal of Animal Sciences</i> , 2000, 13, 918-921. | 2.4 | 38 |
| 34 | Influence of Rain Tree Pod Meal Supplementation on Rice Straw Based Diets Using In vitro Gas Fermentation Technique. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 325-334. | 2.4 | 38 |
| 35 | Effect of Mulberry leaf pellet (MUP) supplementation on rumen fermentation and nutrient digestibility in beef cattle fed on rice straw-based diets. <i>Animal Feed Science and Technology</i> , 2012, 175, 8-15. | 1.1 | 37 |
| 36 | Effects of feeding fresh cassava root with high-sulfur feed block on feed utilization, rumen fermentation, and blood metabolites in Thai native cattle. <i>Tropical Animal Health and Production</i> , 2018, 50, 1365-1371. | 0.5 | 37 |

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|----|---|-----|-----------|
| 37 | Effect of Synchronizing Starch Sources and Protein (NPN) in the Rumen on Feed Intake, Rumen Microbial Fermentation, Nutrient Utilization and Performance of Lactating Dairy Cows. Asian-Australasian Journal of Animal Sciences, 2004, 17, 1400-1410. | 2.4 | 37 |
| 38 | Ruminal ecology of swamp buffalo as influenced by dietary sources. Animal Feed Science and Technology, 2009, 151, 205-214. | 1.1 | 36 |
| 39 | Feeding of Cassava Hay for Lactating Dairy Cows. Asian-Australasian Journal of Animal Sciences, 2000, 13, 478-482. | 2.4 | 36 |
| 40 | Changes of Microbial Population in the Rumen of Dairy Steers as Influenced by Plant Containing Tannins and Saponins and Roughage to Concentrate Ratio. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1583-1591. | 2.4 | 36 |
| 41 | Effects of plants containing secondary compounds and plant oils on rumen fermentation and ecology. Tropical Animal Health and Production, 2012, 44, 399-405. | 0.5 | 35 |
| 42 | Effect of banana flower powder supplementation as a rumen buffer on rumen fermentation efficiency and nutrient digestibility in dairy steers fed a high-concentrate diet. Animal Feed Science and Technology, 2014, 196, 32-41. | 1.1 | 35 |
| 43 | Effects of urea treatment of straw and dietary level of vegetable oil on lactating dairy cows. Tropical Animal Health and Production, 2010, 42, 1635-1642. | 0.5 | 34 |
| 44 | Level of crude protein in concentrate supplements influenced rumen characteristics, microbial protein synthesis and digestibility in swamp buffaloes (<i>Bubalus bubalis</i>). Livestock Science, 2012, 144, 197-204. | 0.6 | 34 |
| 45 | Manipulation of ruminal fermentation and methane production by supplementation of rain tree pod meal containing tannins and saponins in growing dairy steers. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 50-55. | 1.0 | 33 |
| 46 | Effects of Plant Herb Combination Supplementation on Rumen Fermentation and Nutrient Digestibility in Beef Cattle. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1127-1136. | 2.4 | 33 |
| 47 | Influence of urea-calcium mixtures as rumen slow-release feed on <i>in vitro</i> fermentation using a gas production technique. Archives of Animal Nutrition, 2011, 65, 242-254. | 0.9 | 32 |
| 48 | Effect of Grape Pomace Powder, Mangosteen Peel Powder and Monensin on Nutrient Digestibility, Rumen Fermentation, Nitrogen Balance and Microbial Protein Synthesis in Dairy Steers. Asian-Australasian Journal of Animal Sciences, 2016, 29, 1416-1423. | 2.4 | 32 |
| 49 | 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. Animal Nutrition, 2016, 2, 334-338. | 2.1 | 32 |
| 50 | Ruminal Degradability of Tropical Feeds and Their Potential Use in Ruminant Diets. Asian-Australasian Journal of Animal Sciences, 2003, 16, 211-216. | 2.4 | 32 |
| 51 | Effect of Levels of Supplementation of Concentrate Containing High Levels of Cassava Chip on Rumen Ecology, Microbial N Supply and Digestibility of Nutrients in Beef Cattle. Asian-Australasian Journal of Animal Sciences, 2007, 20, 75-81. | 2.4 | 32 |
| 52 | Effects of Leucaena leaf pellet on bacterial diversity and microbial protein synthesis in swamp buffalo fed on rice straw. Livestock Science, 2013, 151, 188-197. | 0.6 | 31 |
| 53 | Influence of mangosteen peel powder as a source of plant secondary compounds on rumen microorganisms, volatile fatty acids, methane and microbial protein synthesis in swamp buffaloes. Livestock Science, 2014, 162, 126-133. | 0.6 | 31 |
| 54 | <i>In vitro</i> rumen fermentation and methane production as affected by rambutan peel powder. Journal of Applied Animal Research, 2018, 46, 626-631. | 0.4 | 31 |

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|----|---|-----|-----------|
| 55 | Effects of Timing of Initial Cutting and Subsequent Cutting on Yields and Chemical Compositions of Cassava Hay and Its Supplementation on Lactating Dairy Cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 1763-1769. | 2.4 | 31 |
| 56 | Effects of Protein Level and Mangosteen Peel Pellets (Mago-pel) in Concentrate Diets on Rumen Fermentation and Milk Production in Lactating Dairy Crossbreds. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 971-979. | 2.4 | 30 |
| 57 | Whole Mitogenomes Reveal the History of Swamp Buffalo: Initially Shaped by Glacial Periods and Eventually Modelled by Domestication. <i>Scientific Reports</i> , 2017, 7, 4708. | 1.6 | 30 |
| 58 | Rumen Fermentation, Microbial Protein Synthesis and Cellulolytic Bacterial Population of Swamp Buffaloes as Affected By Roughage to Concentrate Ratio. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 1667-1675. | 0.1 | 30 |
| 59 | Nutritional composition of various insects and potential uses as alternative protein sources in animal diets. <i>Animal Bioscience</i> , 2022, 35, 317-331. | 0.8 | 30 |
| 60 | Effects of energy level and <i>Leucaena leucocephala</i> leaf meal as a protein source on rumen fermentation efficiency and digestibility in swamp buffalo. <i>Animal Feed Science and Technology</i> , 2012, 174, 131-139. | 1.1 | 29 |
| 61 | Effects of Eucalyptus Crude Oils Supplementation on Rumen Fermentation, Microorganism and Nutrient Digestibility in Swamp Buffaloes. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 46-54. | 2.4 | 29 |
| 62 | Nutrition and feeding of swamp buffalo: feed resources and rumen approach. <i>Italian Journal of Animal Science</i> , 2007, 6, 67-73. | 0.8 | 28 |
| 63 | Effect of Carbohydrate Sources and Levels of Cotton Seed Meal in Concentrate on Feed Intake, Nutrient Digestibility, Rumen Fermentation and Microbial Protein Synthesis in Young Dairy Bulls. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 529-536. | 2.4 | 28 |
| 64 | Effect of Level of Crude Protein and Use of Cottonseed Meal in Diets Containing Cassava Chips and Rice Straw for Lactating Dairy Cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2005, 18, 502-511. | 2.4 | 28 |
| 65 | Effect of mycotoxin deactivator product supplementation on dairy cows. <i>Animal Production Science</i> , 2012, 52, 832. | 0.6 | 27 |
| 66 | Effects of Supplementation of Eucalyptus (<i>E. Camaldulensis</i>) Leaf Meal on Feed Intake and Rumen Fermentation Efficiency in Swamp Buffaloes. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 951-957. | 2.4 | 27 |
| 67 | Effect of Cassava Hay and Rice Bran Oil Supplementation on Rumen Fermentation, Milk Yield and Milk Composition in Lactating Dairy Cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 1364-1373. | 2.4 | 27 |
| 68 | EVALUATION OF TREES AND SHRUBS FOR FORAGE AND FUEL WOOD IN NORTHEAST THAILAND. <i>Forests, Trees and Livelihoods</i> , 1989, 5, 209-220. | 0.2 | 26 |
| 69 | Yeast-fermented cassava chip protein (YEFECAP) concentrate for lactating dairy cows fed on ureaâlime treated rice straw. <i>Livestock Science</i> , 2011, 139, 258-263. | 0.6 | 26 |
| 70 | Effect of legume (<i>Phaseolus calcaratus</i>) hay supplementation on rumen microorganisms, fermentation and nutrient digestibility in swamp buffalo. <i>Livestock Science</i> , 2011, 140, 17-23. | 0.6 | 26 |
| 71 | Effect of coconut oil and mangosteen peel supplementation on ruminal fermentation, microbial population, and microbial protein synthesis in swamp buffaloes. <i>Livestock Science</i> , 2011, 141, 148-154. | 0.6 | 26 |
| 72 | Improving rumen fermentation and feed digestibility in cattle by mangosteen peel and garlic pellet supplementation. <i>Livestock Science</i> , 2012, 148, 291-295. | 0.6 | 26 |

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|----|--|-----|-----------|
| 73 | Effects of replacing soybean meal with dried rumen digesta on feed intake, digestibility of nutrients, rumen fermentation and nitrogen use efficiency in Thai cattle fed on rice straw. <i>Livestock Science</i> , 2014, 169, 71-77. | 0.6 | 26 |
| 74 | Improving the quality of rice straw by urea and calcium hydroxide on rumen ecology, microbial protein synthesis in beef cattle. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 449-456. | 1.0 | 26 |
| 75 | Assessment of mulberry leaf as a potential feed supplement for animal feeding in P.R. China. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1145-1152. | 2.4 | 26 |
| 76 | Chemical Composition of Milk and Rumen Microbiome Diversity of Yak, Impacting by Herbage Grown at Different Phenological Periods on the Qinghai-Tibet Plateau. <i>Animals</i> , 2020, 10, 1030. | 1.0 | 26 |
| 77 | Effects of Condensed Tannins in Mao (&i>Antidesma thwaitesianum&/i> Muell. Arg.) Seed Meal on Rumen Fermentation Characteristics and Nitrogen Utilization in Goats. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1111-1119. | 2.4 | 26 |
| 78 | Comparative Study between Swamp Buffalo and Native Cattle in Feed Digestibility and Potential Transfer of Buffalo Rumen Digesta into Cattle. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 504-510. | 2.4 | 26 |
| 79 | Effect of rice bran oil supplementation on rumen fermentation, milk yield and milk composition in lactating dairy cows. <i>Livestock Science</i> , 2012, 145, 167-173. | 0.6 | 24 |
| 80 | Supplementation of Cassava Hay to Replace Concentrate Use in Lactating Holstein Friesian Crossbreds. <i>Asian-Australasian Journal of Animal Sciences</i> , 2000, 13, 600-604. | 2.4 | 24 |
| 81 | Diversity of anaerobic fungi and rumen fermentation characteristic in swamp buffalo and beef cattle fed on different diets. <i>Livestock Science</i> , 2011, 139, 230-236. | 0.6 | 23 |
| 82 | Manipulation of in vitro ruminal fermentation and digestibility by dried rumen digesta. <i>Livestock Science</i> , 2013, 153, 94-100. | 0.6 | 23 |
| 83 | Level of <i>Leucaena leucocephala</i> silage feeding on intake, rumen fermentation, and nutrient digestibility in dairy steers. <i>Tropical Animal Health and Production</i> , 2016, 48, 1057-1064. | 0.5 | 23 |
| 84 | Reducing methane production by supplementation of <i>Terminalia chebula</i> RETZ. containing tannins and saponins. <i>Animal Science Journal</i> , 2016, 87, 783-790. | 0.6 | 23 |
| 85 | <i>In vitro</i> fermentation, digestibility and methane production as influenced by <i>Delonix regia</i> seed meal containing tannins and saponins. <i>Journal of Animal and Feed Sciences</i> , 2017, 26, 123-130. | 0.4 | 23 |
| 86 | Evaluation of Local Tropical Plants by In vitro Rumen Fermentation and Their Effects on Fermentation End-Products. <i>Pakistan Journal of Nutrition</i> , 2006, 5, 414-418. | 0.2 | 23 |
| 87 | Effect of Levels of Sodium DL-malate Supplementation on Ruminal Fermentation Efficiency of Concentrates Containing High Levels of Cassava Chip in Dairy Steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2006, 19, 368-375. | 2.4 | 23 |
| 88 | Influence of Sulfur on Fresh Cassava Foliage and Cassava Hay Incubated in Rumen Fluid of Beef Cattle. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 1424-1432. | 2.4 | 22 |
| 89 | A comparison of alkali treatment methods used to improve the nutritive value of straw. II. In sacco and in vitro degradation relative to in vivo digestibility. <i>Animal Feed Science and Technology</i> , 1986, 14, 215-220. | 1.1 | 21 |
| 90 | Effects of Sulfur Levels in Fermented Total Mixed Ration Containing Fresh Cassava Root on Feed Utilization, Rumen Characteristics, Microbial Protein Synthesis, and Blood Metabolites in Thai Native Beef Cattle. <i>Animals</i> , 2019, 9, 261. | 1.0 | 21 |

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|-----|--|-----|-----------|
| 91 | Effects of Supplementation of Piper sarmentosum Leaf Powder on Feed Efficiency, Rumen Ecology and Rumen Protozoal Concentration in Thai Native Beef Cattle. <i>Animals</i> , 2019, 9, 130. | 1.0 | 21 |
| 92 | Comparison Effects of Ruminal Crabtree-Negative Yeasts and Crabtree-Positive Yeasts for Improving Ensilaged Rice Straw Quality and Ruminal Digestion Using In Vitro Gas Production. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 109. | 1.5 | 21 |
| 93 | Improvement of whole crop rice silage nutritive value and rumen degradability by molasses and urea supplementation. <i>Tropical Animal Health and Production</i> , 2013, 45, 1777-1781. | 0.5 | 20 |
| 94 | Effect of protein level and urea in concentrate mixture on feed intake and rumen fermentation in swamp buffaloes fed rice straw-based diet. <i>Tropical Animal Health and Production</i> , 2015, 47, 671-679. | 0.5 | 20 |
| 95 | Effect of treating sugarcane bagasse with urea and calcium hydroxide on feed intake, digestibility, and rumen fermentation in beef cattle. <i>Tropical Animal Health and Production</i> , 2016, 48, 1123-1128. | 0.5 | 20 |
| 96 | Rumen microorganisms, methane production, and microbial protein synthesis affected by mangosteen peel powder supplement in lactating dairy cows. <i>Tropical Animal Health and Production</i> , 2016, 48, 593-601. | 0.5 | 20 |
| 97 | Studies of Diversity of Rumen Microorganisms and Fermentation in Swamp Buffalo Fed Different Diets. <i>Journal of Animal and Veterinary Advances</i> , 2011, 10, 406-414. | 0.1 | 20 |
| 98 | Effects of Mangosteen Peel (<i>Garcinia mangostana</i>) Supplementation on Rumen Ecology, Microbial Protein Synthesis, Digestibility and Voluntary Feed Intake in Cattle. <i>Pakistan Journal of Nutrition</i> , 2006, 5, 445-452. | 0.2 | 20 |
| 99 | Improving sugarcane bagasse quality as ruminant feed with <i>Lactobacillus</i> , cellulase, and molasses. <i>Journal of Animal Science and Technology</i> , 2020, 62, 648-658. | 0.8 | 20 |
| 100 | Enhancing Mulberry Leaf Meal with Urea by Pelleting to Improve Rumen Fermentation in Cattle. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 452-461. | 2.4 | 19 |
| 101 | Using krabok (<i>Iringia malayana</i>) seed oil and <i>Flemingia macrophylla</i> leaf meal as a rumen enhancer in an in vitro gas production system. <i>Animal Production Science</i> , 2017, 57, 327. | 0.6 | 19 |
| 102 | Effect of a high forage : concentrate ratio on milk yield, blood parameters and oxidative status in lactating cows. <i>Animal Production Science</i> , 2020, 60, 1531. | 0.6 | 19 |
| 103 | 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 |
| 104 | Physiology of digestion of urea-treated rice straw in Swamp buffalo. <i>Asian-Australasian Journal of Animal Sciences</i> , 1992, 5, 617-622. | 2.4 | 19 |
| 105 | <i>In vitro</i> rumen fermentation and digestibility of buffaloes as influenced by grape pomace powder and urea treated rice straw supplementation. <i>Animal Science Journal</i> , 2016, 87, 370-377. | 0.6 | 18 |
| 106 | Effect of <i>Delonix regia</i> seed meal supplementation in Thai native beef cattle on feed intake, rumen fermentation characteristics and methane production. <i>Animal Feed Science and Technology</i> , 2017, 232, 40-48. | 1.1 | 18 |
| 107 | Rumen Microbiota of Tibetan Sheep (<i>Ovis aries</i>) Adaptation to Extremely Cold Season on the Qinghai-Tibetan Plateau. <i>Frontiers in Veterinary Science</i> , 2021, 8, 673822. | 0.9 | 18 |
| 108 | Effect of sugarcane bagasse as industrial by-products treated with <i>Lactobacillus casei</i> TH14, cellulase and molasses on feed utilization, ruminal ecology and milk production of mid-lactating Holstein Friesian cows. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4481-4489. | 1.7 | 17 |

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|-----|---|-----|-----------|
| 109 | Feed utilization and rumen fermentation characteristics of Thai-indigenous beef cattle fed ensiled rice straw with <i>Lactobacillus casei</i> TH14, molasses, and cellulase enzymes. <i>Livestock Science</i> , 2021, 245, 104405. | 0.6 | 17 |
| 110 | Effects of Replacing Ground Corn with Cassava Chip in Concentrate on Feed Intake, Nutrient Utilization, Rumen Fermentation Characteristics and Microbial Populations in Goats. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 1557-1566. | 2.4 | 17 |
| 111 | Effect of Elemental Sulfur Supplementation on Rumen Environment Parameters and Utilization Efficiency of Fresh Cassava Foliage and Cassava Hay in Dairy Cattle. <i>Asian-Australasian Journal of Animal Sciences</i> , 2009, 22, 1366-1376. | 2.4 | 17 |
| 112 | Nutrient digestibility and ruminal fermentation characteristic in swamp buffaloes fed on chemically treated rice straw and urea. <i>Tropical Animal Health and Production</i> , 2012, 44, 629-636. | 0.5 | 16 |
| 113 | Supplementation effect with slow-release urea in feed blocks for Thai beef cattle's nitrogen utilization, blood biochemistry, and hematology. <i>Tropical Animal Health and Production</i> , 2014, 46, 293-298. | 0.5 | 16 |
| 114 | Supplementation of banana flower powder pellet and plant oil sources on in vitro ruminal fermentation, digestibility, and methane production. <i>Tropical Animal Health and Production</i> , 2016, 48, 1673-1678. | 0.5 | 16 |
| 115 | Effects of Supplementation with Royal Poinciana Seed Meal (<i>Delonix regia</i>) on Ruminal Fermentation Pattern, Microbial Protein Synthesis, Blood Metabolites and Mitigation of Methane Emissions in Native Thai Beef Cattle. <i>Animals</i> , 2019, 9, 625. | 1.0 | 16 |
| 116 | Diversity of Rumen Anaerobic Fungi and Methanogenic Archaea in Swamp Buffalo Influenced by Various Diets. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 3062-3069. | 0.1 | 16 |
| 117 | Growth, Hay Yield and Chemical Composition of Cassava and Stylo 184 Grown under Intercropping. <i>Asian-Australasian Journal of Animal Sciences</i> , 2004, 17, 799-807. | 2.4 | 16 |
| 118 | Comparison of Gayal (<i>Bos frontalis</i>) and Yunnan Yellow Cattle (<i>Bos taurus</i>): In vitro Dry Matter Digestibility and Gas Production for a Range of Forages. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 1208-1214. | 2.4 | 16 |
| 119 | Using Plant Source as a Buffering Agent to Manipulating Rumen Fermentation in an In vitro Gas Production System. <i>Asian-Australasian Journal of Animal Sciences</i> , 1970, 26, 1424-1436. | 2.4 | 16 |
| 120 | <i>Gryllus testaceus walker</i> (crickets) farming management, chemical composition, nutritive profile, and their effect on animal digestibility. <i>Entomological Research</i> , 2021, 51, 639-649. | 0.6 | 16 |
| 121 | Microbial population in the rumen of swamp buffalo (<i>Bubalus bubalis</i>) as influenced by coconut oil and mangosteen peel supplementation. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 439-445. | 1.0 | 15 |
| 122 | Effects of yeast fermented-cassava chip protein (YFECAP) on dietary intake and milk production of Holstein crossbred heifers and cows during pre- and post-partum period. <i>Livestock Science</i> , 2013, 154, 112-116. | 0.6 | 15 |
| 123 | Enrichment of protein content in cassava (<i>Manihot esculenta</i> Crantz) by supplementing with yeast for use as animal feed. <i>Emirates Journal of Food and Agriculture</i> , 2013, 25, 142. | 1.0 | 15 |
| 124 | Tropical legume supplementation influences microbial protein synthesis and rumen ecology. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 552-562. | 1.0 | 15 |
| 125 | Mineral Nutritional Status of Yaks (<i>Bos Grunniens</i>) Grazing on the Qinghai-Tibetan Plateau. <i>Animals</i> , 2019, 9, 468. | 1.0 | 15 |
| 126 | Effects of Phytonutrients on Ruminal Fermentation, Digestibility, and Microorganisms in Swamp Buffaloes. <i>Animals</i> , 2019, 9, 671. | 1.0 | 15 |

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