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Publications

Bhatta r, saravanan m, baruah l, and prasad cs (2015) effects of graded levels of tannin-containing tropical tree leaves on *in vitro* rumen fermentation, total protozoa and methane production. *Journal of applied microbiology*, 118, 557-564

Bhatta r, saravanan m, baruah l, sampath kt and prasad cs (2013). Effect of plant secondary compounds on *in vitro* methane, ammonia production and ruminal protozoa population. *Journal of applied microbiology*, 115, 455—465

Bhatta r, saravanan m, baruah l, p k malik and sampath kt (2016) nutrient composition, fermentation characteristics and *in vitro* rumen methane output from tropical feedstuffs. *Journal of agricultural science. Cambridge*, 155 (1), 171-183

Bhatta r, baruah l, saravanan m, suresh kp and sampath kt (2013). Effect of medicinal and aromatic plants on rumen fermentation, protozoa population and methanogenesis *in vitro*. *Journal of animal physiology and animal nutrition*. 97(3) 446-456

Bhatta r, enishi o, yabumoto y, nonaka i, takusari n, higuchi k, tajima k, takenaka a and kurihara m (2013) methane reduction and energy partitioning in goats fed two concentrations of tannin from *mimosa* spp. *Journal of agricultural science (cambridge)*. 151: 119-128

Bhatta r, saravanan m, baruah l and sampath kt (2012). Nutrient content, *in vitro* ruminal fermentation characteristics and methane reduction potential of tropical tannin-containing leaves. *Journal of the science of food and agriculture*. 92:2929-2935

Bhatta r, uyeno y, tajima k, takenaka a, yabumoto y, nonaka i, enishi o and kurihara m (2009). Difference in the nature of tannins on *in vitro* ruminal methane and volatile fatty acid production, and methanogenic archaea and protozoal populations. *Journal dairy science*, 92 (11): 5512-5522

Bhatta r, shinde ak, vaithyanathan s, sankhyan sk and verma dl (2002) effect of polyethylene glycol-6000 on nutrient intake, digestion and growth of kids browsing *prosopis cineraria*. *Animal feed science and technology*, 101 (1-4): 45-54.

Bhatta r, krishnamoorthy u and mohammed f (2001) effect of tamarind (*tamarindus indica*) seed husk tannins on *in vitro* rumen fermentation. *Animal feed science and technology*, 90(3-4) 143-152.

Bhatta r, krishnamoorthy u and mohammed f (2000) effect of feeding tamarind (*tamarindus indica*) seed husk as a source of tannin on dry matter intake, digestibility of nutrients and production performance of crossbred dairy cows in mid lactation. *Animal feed science and technology*, 83: 67-74.