

DAFTAR PUSTAKA

- Afzalani; T. Kaswari dan A. Yani. 1998. Kajian Berbagai Sumber Protein Berdasarkan Ketahanannya terhadap Degradasi oleh Mikroba Rumen. Laporan Penelitian Kerjasama Universitas Jambi dengan Bagian Pembinaan Kelembagaan Penelitian dan Pengembangan Pertanian/ARM-II Badan Penelitian dan Pengembangan Pertanian.
- Akbar, A dan Hendromono. 1992. Kemungkinan penggunaan tanah subsoil tanah Ultisol yang dipupuk TSP untuk medium pertumbuhan bibit sengon. Buletin Penelitian Hutan 584:1-6.
- Arora.1995. Pencernaan Mikroba pada Ruminansia. Diterjemahkan oleh R. Murwanidan B. Srigandono. Gajah Mada University Press.Yogyakarta.
- Blakely, J., dan D. H. Bade, 1998. Ilmu Peternakan Edisi ke Empat. Penerjemah: Srigandono, B. Yogyakarta: Gadjah Mada University Press. Hal: 351-352
- Coffey, L., M. Hale, T. Terril, J. Mosidis, J. Miller and J. Burke. 2007. Tools for Managing Internal Parasites in Small Ruminants : Sericea Lespedeza.
- Cunningham JG (2002). Textbook of veterinary physiology. 3rd edn. WB Saunders: Philadelphia.
- Dela Cruz, R.E., M. Q. Manalo, N.S. Aggangan and J.D. Tambalo. 1988. Growth of three legume trees inoculated with VA mycorizal fungi and rizhobium. Plant soil 108:111-115.
- Flores, J.A., J.E. Moore, and L.E. Sollesberg. 2005. Determinants of forage quality in Pensacola bahiagrass and Mott elephant grass. Journal of Animal Science, Dep Of Animal Science, Univ Of Florida, Vo. 71
- Floyd, G.C and E. L. Rice. 1997. Inhibition of higher plants by three bacterial inhibitors; Bull Torrey Bot. Club. 125-129.
- Frutos, P., G. Hervas, F.J. Giraldez, M. Fernandez and A.R. Mantecon. 2000. Digestive utilization of quebracho-treated soyabean meals in sheep. Sci. Agric. J. 134: 101-108.
- Green. B.F and M. R. Corcoran 1995. Inhibitory action of five tanins on growth induced by several gibberelin; *Pl. Physiol.* 56 801-806.

- Hardjosubroto, W. 1994. Aplikasi Pemuliabiakkan Ternak di Lapangan. Grasindo. Jakarta.
- Hartati, E. 1998. Suplementasi Minyak Lemuru dan Seng ke Dalam Ransum yang mengandung Silase Pod Coklat dan Urea untuk Memacu Pertumbuhan Sapi Holstein Jantan. Disertasi, Program Pascasarjana IPB. Bogor
- Herlinae, 2003. Evaluasi nilai nutrisi dan potensi hijauan asli lahan gambut pedalaman di Kalimantan Tengah sebagai pakan ternak. Tesis, Sekolah Pascasarjana, Institut Pertanian Bogor.
- Heyne, K. 1987. Tumbuhan Berguna Indonesia II. Badan Penelitian dan Pengembangan Kehutanan. Jakarta
- Ishii, K., S. Kajomsrichon, R. Wanussakul, and E. Murayama. 1995. Tissue culture of *Paraserianthes falcataria*. Int Workshop Biorefor. Malaysia
- Jayanegara, A., dan A. Sofyan. 2008. Penentuan Aktivitas Biologis Tanin Beberapa Hijauan secara *In Vitro* Menggunakan "Hohenheim Gas Test" dengan Polietilen Glikol sebagai Determinan. Media Peternakan Vol. 31 No. 1. Bogor. Institut Pertanian Bogor.
- Komar, A. 1984. Teknologi Pengolahan Jerami sebagai Makanan Ternak. Cetakan pertama. Yayasan Dian Grahita Indonesia. Bandung.
- Kwon, Y. M and C. B. Lee 1988. Effects of cyclic AMP and tannin on the amylase biosynthesis induced by gibberelin in aleurone layer. I. Acid phosphatase; *Sikmul Hakhoe Chin*. 13-20
- Lee, P.G., Lawrence, A.L., 1997. Digestibility. In: D'Abramo, L.R., Conklin, D.E., Akiyama, D.M. (Eds.), Crustacean Nutrition: Advances in World Aquaculture. World Aquaculture Society, Baton Rouge, LA, pp. 194–260
- Lubis. D.A, 1992. Ilmu Makanan Ternak. PT. Pembangunan. Jakarta.
- Madsen, J. & Hvelplund, T., 1985. Protein degradation in the rumen. A comparison between in vivo, nylon bag, in vitro and buffer measurements. *Acta Agric. Scand. supp*1.25, 103.
- Mahadevan, A. 1982. Biochemical Aspects of Disease Resistance vol. I. Preformed inhibitors "Prohibitions". New Delhi : Today and Tomorrow

- Makkar, H. P. S. 1993. Antinutritional factors in foods for livestock. Animal Production in Developing Countries. Occasional Publication no. 16. pp: 73.
- Makkar, H.P.S. 2003. Effects and fate of tanins in ruminant animals, adaptation to tanin and strategies to overcome detrimental effects of feeding tanin-rich feeds. Small Rum. Res. 49: 241-256.
- Makkar, H. P. S. 2005. Quantification of Tanins in Tree and Shrub Foliage. A Laboratory Manual. Kluwer Academic Publisher. Dordrecht.
- McDonald, P., R.A. Edwards, J.F.D. Greenhalgh, and C.A. Morgan. 2002. Animal Nutrition. Sixth ed. Pearson Education Limited. Harlow
- McSweeney , C., S. B Palmer., D. M. Mc Neill. And D. O. Krause. 2001. Microbial interactions with tanins: nutritional consequences for ruminants. Anim. Feed Sci. 81:83-93.
- Min, B.R., W.C. McNabb, T.N. Barry and J.S. Peters. 2000. Solubilization and degradation of ribulose-1,5- biphosphate carboxylase/oxygenase (EC 4.1.1.39; Rubisco) protein from white clover (*Trifolium repens*) and *Lotus corniculatus* by rumen microorganisms and the effect of condensed tanins on these processes. J. Agric. Sci. (Camb.) 134: 305–317
- Niwinska, B. 2012. Carbohydrates-Comprehensive Studies on Glycobiology and Glycotechnology chapter 11. CC BY 3.0 license.
- Norton, B.W. 1999. The significance of tanins in tropical animal production. In : J.D Brooker (Ed.). *Tanin in Livestock and Human Nutrition*. Proceeding Report on An International Workshop Held in Adelaide, Australia. May 31- June 2. Pp. 14-23.
- Panjaitan, M. 1988. Nutritive value of tree legumes introduced in Indonesia. Indonesian Agric. Research Developments. 10(3) : 73-80
- Robbins, C.T., A.E Hagerman, P.J. Austin, C. McArthur, and T.A. Hanley. 1991. Variation in mammalian physiological responses to a condensed tannin and its ecological implications. J. Mammal. 72:480-486.
- Roshetko, J.M. 2000. *Calliandra calothyrsus* di Indonesia. Prosiding. Lokakarya Produksi Benih dan Pemanfaatan Kaliandra. 14-16 November 2000. Bogor.

- Salamena, J.F. 2003. Strategi pemuliabiakkan ternak domba pedaging di Indonesia. Makalah Pengantar Falsafah Sains Program Pasca Sarjana. Institut Pertanian Bogor. Bogor.
- Santoso., P. Sambodo., A. Kilmaskossu., dan B.Tj Hariadi. Potensi *Biophyllum petersianum* Klotzsch sebagai pakan aditif untuk menurunkan produksi metan pada ternak ruminansia. Seminar Nasional AINI VI.
- Setiadi, E. 1989. Pemanfaatan Mikroorganisme Dalam Kehutanan. PAU Institut Pertanian Bogor.
- Siregar, S. 1994. Ransum Ternak Ruminansia. Penebar Swadaya. Jakarta.
- Smith, BP (2009). Large animal internal medicine. Mosely-Elsevier: St Louis, MO.
- Sokerya, S. and T. R. Preston. 2003. Effect Of Grass Or Cassava Foliage on Growth And Nematode Parasite Infestation In Goats Fed Low or High Protein Diets In Confinement. Livestock Research For Rural Development (15) 8 Retrieved.
- Sollemberger, L.E., G.M. Prince, W.R. Ocumpaugh, W.W. Hanna, C.S. Jones, S.C. Shank and R.S. Kalmbacher. 1988. Mott dwarf elephant grass : a high quality forage for subtropics and tropics. Univ. Flo. Agric. Exp. Stn. Circ. 5-356.
- Sumiasri, N. dan Harmastini. 1990. Prospek Albizia (*Albizia falcatara* (L.) FOSBERG) di Jawa Barat. Jurnal Penelitian dan Pengembang Kehutanan Vol. VI(3):7-11.
- Susetyo, B. 1980. Padang Penggembalaan. Departemen Ilmu Makanan Ternak Fakultas Peternakan IPB. Bogor
- Sutardi, T., 1980. Landasan Ilmu Nutrisi. Departemen Ilmu Makanan Ternak, IPB, Bogor.
- Tangendjaja, B., E. Wina., T. Ibrahim, dan B. Palmer. 1992. Kaliandra (*Calliandra calothyrsus*) dan pemanfaatannya. Balai Penelitian Ternak dan The Australian Centre for International Agricultural Research (ACIAR). Bogor.
- Tanner, G. J., A. E. Moore, P. J. Larkin. 1994. Proanthocyanidins inhibit hydrolysis of leaf proteins by rumen microflora *in vitro*. *Br J Nutr* 71: 947-958.

- Tillman, A. D., H. Hartadi, S. Reksohadiprodjo, S. Prawirokusumo, dan S. Lebdosoekojo. 1998. Ilmu Makanan Ternak Dasar. Cetakan keenam. Yogyakarta : Gadjah Mada University Press.
- Tomaszewka, M. W., I. M. Mastika, A. Djajanegara, S. Gardiner dan T. R. Wiradarya. 1993. Produksi Kambing dan Domba di Indonesia. Universitas Sebelas Maret. Solo.
- Urribari, L., A. Ferrer, and A. Collina. 2005. Leaf protein from ammonia treated dwarf elephant grass (*Pennisetum purpureum* Schum cv Mott). *Journal of Applied Biochemistry and Biotechnology*. Humana Press Inc. Vo. 122, No. 1-3, p: 721-730
- Van Soest, P. J. 1994. *Nutritional Ecology of The Ruminant*. Second Edition. Comstock Publishing Associates Cornell University Press. A Division of Ithaca and London.
- Waghorn, G.C. & W.C. McNabb. 2003. Consequences of plant phenolic compounds for productivity and health of ruminants. *Proc. Nutr. Soc.* 62 : 383-392.
- Westendarp, H. 2006. Effects of tanins in animal nutrition. *Dutsch. Tierarztl. Wochenschr.* 113: 264-268.
- Wina, E. dan D. Abdurahman. 2008. Pembentukan protein 'lolos cerna rumen' (*in vitro*) dengan penambahan isolat tanin dari daun kaliandra atau formaldehida. *JITV* 10(4): 274-280. (Abstr).
- Zamsari, M., Sunarso, dan Sutrisno. 2012. Pemanfaatan tanin alami dalam memproteksi protein bungkil kelapa ditinjau dari fermentabilitas protein secara *in vitro*. *Anim. Agric. J.*, Vol. 1. No. 1. 405–416.