

## DAFTAR PUSTAKA

- Aengwanich, W., and Chinrasri, O. 2002. Effect Of Heat Stress On Body Temperature And Hematological Parameters In Male Layers. *Thai Journal Physiol*, 15, 27–33.
- Afrilin, E. 2014. *Pertumbuhan Ayam Broiler Akibat Pemberian Ransum Yang Mengandung Lumpur Digestat Terfermentasi*. Universitas Sebelas Maret. Surakarta.
- Ahmad, E. 2008. Performans ayam broiler yang diberi sari buah mengkudu (*Morinda citrifolia*). *Jurnal Peternakan*, 5(1), 10-13.
- Alizadeh, M., Rodriguez-Lecompte, J. C., Yitbarek, A., Sharif, S., Crow, G., and Slominski, B. A. 2016. Effect Of Yeast-Derived Products On Systemic Innate Immune Response Of Broiler Chickens Following A Lipopolysaccharide Challenge. *Poultry Science*. <https://doi.org/10.3382/ps/pew154>
- Anang, I. A. 2007. *Panen Ayam Kampung dalam 7 Minggu*. Niaga Swadaya. Jakarta.
- Andri, A., Wati, R., & Suresti, A. 2011. Faktor–Faktor yang Mempengaruhi Pendapatan Peternak Ayam Ras Petelur Di Kecamatan Lareh Sago Halaban Kabupaten Lima 50 Kota. *Jurnal Peternakan Indonesia (Indonesian Journal of Animal Science)*, 13(3), 205-214. <https://doi.org/10.25077/jpi.13.3.205-214.2011>
- Andrino, K. G. S., Serrano Jr, A. E., & Corre Jr, V. L. 2012. Effects of dietary nucleotides on the immune response and growth of juvenile Pacific white shrimp *Litopenaeus vannamei* (Boone, 1931). *Asian Fisheries Science*, 25, 180-192. <https://doi.org/10.33997/j.afs.2012.25.2.007>
- AOAC. 2019. *Official Methods of Analysis* (21st Editi). Aoac International.
- Arum, K. T., Cahyadi, E. R., and Basith, A. 2017. Evaluasi Kinerja Peternak Mitra Ayam Ras Pedaging. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan*, 5(2), 78-83. <https://doi.org/10.29244/jipthp.5.2.78-83>
- Bacha, U., Nasir, M., Ali, M. A., Muhammad, J., and Sheikh, A. A. 2013. Nucleotides supplementation improves various function of the body. *Journal Of Animal Health And Production.*, 1(1), 1-5.
- Badran, A. 2020. Effect Of Dietary Curcumin and Curcumin Nanoparticles Supplementation On Growth Performance, Immune Response And Antioxidant Of Broilers Chickens. *Egyptian Poultry Science Journal*, 40(1), 325-343. <https://doi.org/10.21608/epsj.2020.81756>
- Bartell, S. M., & Batal, A. B. 2007. The effect of supplemental glutamine on growth performance, development of the gastrointestinal tract, and humoral immune response of broilers. *Poultry science*, 86(9), 1940-1947. <https://doi.org/10.1093/ps/86.9.1940>
- Bidura, I.G. N. G. 2016. *Bahan Makanan Ternak*. Universitas Udayana. Bali.

- Brake, J., Havenstein, G. B., Scheideler, S. E., Ferket, P. R., & Rives, D. V. (1993). Relationship of Sex, Age, And Body Weight to Broiler Carcass Yield and Offal Production. *Poultry science*, 72(6), 1137-1145. <https://doi.org/10.3382/ps.0721137>
- Bruno, J. B. C. 2009. *Efeito Dos Diferentes Níveis De Nucleotídeos Em Frangos De Corte Alimentados Com Probióticos*. Universidade De São Paulo.
- Budiartawan, I. K. A., Darmawan, I. G. A. C., Berata, I. K., and Setiasih, N. L. E. 2018. Perkembangan Secara Histologi Villi Duodenum Ayam Pedaging Yang Diberikan Imbuhan Asam Butirat Pada Pakan. *Indonesia Medicus Veteriner*, 7(5), 522–530.
- Castanon, J. I. R. 2007. History of The Use of Antibiotic as Growth Promoters In European Poultry Feeds Feed. *Journal Poultry Science*, 86, 2466–2471.
- Chattopadhyay, I., Biswas, K., Bandyopadhyay, U., and Banerjee, R. K. 2004. Turmeric And Curcumin: Biological Actions and Medicinal Applications. *Current Science*, 44-53.
- Chowdhury, P., And Rayford, P. L. 2001. Effect of Food Restriction on Plasma Cholecystokinin Levels And Exocrine Pancreatic Function In Rats. *Annals Of Clinical And Laboratory Science*, 31(4), 376-382.
- Daneshmand, A., Kermanshahi, H., Danesh Mesgaran, M., King, A. J., and Ibrahim, S. A. 2017. Effect Of Purine Nucleosides on Growth Performance, Gut Morphology, Digestive Enzymes, Serum Profile And Immune Response In Broiler Chickens. *British Poultry Science*, 58(5), 536-543. <https://doi.org/10.1080/00071668.2017.1335859>
- Darwis, S. N., A. B. D. Modjo Indo Dan S. Hasiyah. 1991. Tanaman Obat Familia Zingiberaceae. Badan Penelitian Dan Pengembangan Pertanian Industri. Bogor
- Dewi, S. K., Dwiloka, B., & Setiani, B. E. 2017. Pengurangan Kadar Oksalat Pada Umbi Talas Dengan Penambahan Arang Aktif Pada Metode Pengukusan. *Jurnal Aplikasi Teknologi Pangan*, 6(2). <https://doi.org/10.17728/jatp.191>
- Estancia, K., Isroli, And Nurwantoro. 2012. Pengaruh Pemberian Tepung Kunyit (Curcuma Domestica) Terhadap Kadar Air, Protein dan Lemak Daging Ayam Broiler. *Animal Agriculture Journal*, 1(2), 31–39.
- Esteve-Garcia, E., Martinez-Puig, D., Borda, E., And Chetrit, C. 2007. Efficacy Of A Nucleotide Preparation In Broiler Chickens. *16th European Symposium On Poultry Nutrition. Strasbourg, France* (pp. 511-514).
- Fahrudin, A. 2017. Konsumsi Ransum, Pertambahan Bobot Badan dan Konversi Ransum Ayam Lokal di Jimmy's Farm Cipanas Kabupaten Cianjur. *Students E-Journal*, 6(1).
- Farida, Y., Sasongko, H., dan Budihardjo, A. (2016). Granulasi dengan Matrix dari Residu Ekstraksi Kunyit sebagai Upaya Produksi Pakan Ayam Pedaging. *Agrokreatif: Jurnal Ilmiah Pengabdian kepada Masyarakat*, 2(2), 87-91. <https://doi.org/10.29244/Agrokreatif.2.2.87-91>

- Fitro, R., Sudrajat, D., and Dihansih, E. 2015. Performa Ayam Pedaging Yang Diberi Ransum Komersial Mengandung Tepung Ampas Kurma Sebagai Pengganti Jagung. *Jurnal Peternakan Nusantara*. 1(1), 1-8.
- Gips, C.H. And Wilson, J.H.P., (1993), *Diagnosis Dan Terapi Penyakit Hati Dan Empedu*, 3rd Ed., Hipokrates, Jakarta
- Hafid, H., Pagala, M. A., Rahman, R., Inderawati, I., Asriyani, A., & Asminaya, N. S. (2019, May). Penampilan Pertumbuhan Ayam Broiler yang Diberi Feed Aditif Air Perasan Kunyit (*Curcuma domestica* Val.). In *Seminar Nasional Inovasi Teknologi Peternakan 2018*.
- Haroen, U. 2003. Respon Ayam Broiler Yang Diberi Tepung Daun Sengon (*Albizzia Falcataria*) dalam Ransum Terhadap Pertumbuhan dan Hasil Karkas. *Jurnal Ilmu-Ilmu Peternakan*, 6(1), 34–41.
- Hayakawa, H., Minaniya, Y., Ito, K., Yamamoto, Y., and Fukuda, T. 2011. Difference of Curcumin Content In *Curcuma Longa* L. (Zingiberaceae) Caused By Hybridization With Other *Curcuma* Species. *American Journal Of Plant Sciences*. 2(02), 111. <https://doi.org/10.4236/ajps.2011.22013>
- Helda, H., Catootjie, L. N., And Jehadu, Y. 2022. Pengaruh Ransum Basal Dan Feed Additive Yang Berbeda Terhadap Bobot, Persentase Karkas Dan Recahan Karkas Ayam Broiler. *Jurnal Ilmu Peternakan Dan Veteriner Tropis (Journal Of Tropical Animal And Veterinary Science)*.
- Helda, H., Catootjie, L. N., and Jehadu, Y. 2021. Effect of Different Basal Diet And Feed Additive on The Weight, Percentage Of Carcass and Component Parts of Broilers. *Journal of Tropical Animal and Veterinary Science*, 11(3), 300–3. <https://doi.org/10.46549/jipvet.V11i3.198>
- Hess, J. R., and Greenberg, N. A. 2012. The Role of Nucleotides In The Immune and Gastrointestinal Systems: Potential Clinical Applications. *Nutrition in Clinical Practice*, 27(2), 281-294. <https://doi.org/10.1177/0884533611434933>
- Ichwan, W. 2003. *Membuat Pakan Ayam Ras Pedaging*. Agromedia Pustaka.
- Ismoyowati, I., Indrasanti, D., Mufti, M., And Farjam, A. S. 2015. Phytobiotic Properties Of Garlic, Red Ginger, Turmeric And Kencur In Growing Ducks. *Animal Production*. <https://doi.org/10.20884/1.Anprod.2015.17.1.484>
- James, R. 1992. *Livestock And Poultry Production* (4th Ed.). The Avi Publishing Co, Inc.
- Jung, B., and Batal, A. B. 2012. Effect Of Dietary Nucleotide Supplementation On Performance And Development Of The Gastrointestinal Tract Of Broilers. *British Poultry Science*. <https://doi.org/10.1080/00071668.2012.659654>



- Kafi, A., Uddin, M. N., Uddin, M. J., Khan, M. M. H., and Haque, M. E. 2017. Effect of Dietary Supplementation of Turmeric (*Curcuma Longa*), Ginger (*Zingiber Officinale*) and Their Combination as Feed Additives on Feed Intake, Growth Performance and Economics Of Broiler. *International Journal Of Poultry Science*, 16(7), 257-265. <https://Doi.Org/10.3923/Ijps.2017.257.265>
- Kamel, N. F., Hady, M. M., Ragaa, N. M., and Mohamed, F. F. 2021. Effect Of Nucleotides On Growth Performance, Gut Health, and Some Immunological Parameters Of Broiler Chicken Exposed to High Stocking Density. *Livestock Science*. 253, 104703 <https://Doi.Org/10.1016/J.Livsci.2021.104703>
- Kim, G. B., Seo, Y. M., Kim, C. H., and Paik, I. K. 2011. Effect Of Dietary Prebiotic Supplementation On The Performance, Intestinal Microflora, And Immune Response Of Broilers. *Poultry Science*, 90(1), 75-82. Krüger, D. 2018. Benefits Of Nucleotide Supplementation In Poultry. *Ohly Application Note*, 1–3.
- Leung, H., Patterson, R., Barta, J. R., Karrow, N., and Kiarie, E. 2019. Nucleotide-Rich Yeast Extract Fed To Broiler Chickens Challenged With *Eimeria*: Impact On Growth Performance, Jejunal Histomorphology, Immune System, And Apparent Retention Of Dietary Components And Caloric Efficiency. *Poultry Science*. 98(10), 4375-4383. <https://Doi.Org/10.3382/PS/Pez213>
- Matitaputty, P. R., Hardjosworo, P. S., and Prasetyo, L. H. 2015. Performan Pertumbuhan dan Produksi Karkas Itik Ca [Itik Cihateup X Itik Alabio] Sebagai Itik Pedaging. *Jurnal Peternakan Sriwijaya*. 4(2). <https://Doi.Org/10.33230/Jps.4.2.2015.2804>
- Muliani, H. 2015. Effect Of Turmeric (*Curcuma Domestica* Vahl.) Extract On Broiler Blood Cholesterol Levels. *Jurnal Sains Dan Matematika Universitas Diponegoro*, 23, 107-111.
- Murti, A. T., Suroto, K. S., And Karamina, H. 2020. Analisa Keuntungan Usaha Peternakan Ayam Broiler Pola Mandiri Di Kabupaten Malang (Studi Kasus Di Kecamatan Karangploso Kabupaten Malang). *Soca: Jurnal Sosial, Ekonomi Pertanian*. 14(1), 40-54. <https://Doi.Org/10.24843/Soca.2020.V14.I01.P04>
- Nasruddin, N. 2010. Komposisi Nutrisi Pakan Ayam Ras Pedaging Masa Akhir (Broiler Finisher) Dari Beberapa Bahan Pakan Lokal. In *Jurnal Dinamika Penelitian Industri*. 21(2), 144-152.
- National Research Council. 1994. Nutrient Requirements Of Poultry. 9 Th Revised Edition. National Academic Press. Washington
- Nisar, T., Iqbal, M., Raza, A., Safdar, M., Iftikhar, F., and Waheed, M. 2015. Turmeric: A Promising Spice For Phytochemical And Antimicrobial Activities. *J. Agric. and Environ. Sci*. 15(7), 1278-1288.
- North, M. O, And D.D. Bell. 1990. Commercial Chicken Production Manual. 4th Ed. The Avi Publishing Company Inc. Wesport, Connecticut.

- Nuningtyas, Y. F. 2014. Pengaruh Penambahan Tepung Bawang Putih (*Allium Sativum*) Sebagai Aditif Terhadap Penampilan Produksi Ayam Pedaging. *Journal Of Tropical Animal Production*. 15(1), 65-73.
- Nuraini, N., Hidayat, Z., And Yolanda, K. 2018. Performa Bobot Badan Akhir, Bobot Karkas Serta Persentase Karkas Ayam Merawang Pada Keturunan Dan Jenis Kelamin Yang Berbeda. *Sains Peternakan*. 16(2), 69-73. <https://doi.org/10.20961/Sainspet.V16i2.23236>
- Nurhayatin, T. 2016. Pengaruh Penggunaan Probiotik *Saccharomyces Cerevisiae* dengan Tingkat Protein dalam Ransum Terhadap Performan Ayam Broiler. *Janhus: Jurnal Ilmu Peternakan Journal Of Animal Husbandry Science*. 1(1), 8-16. <https://doi.org/10.52434/Janhus.V1i1.321>
- Ogbuewu, I. P., Okoro, V. M., and Mbajiorgu, C. A. 2020. Meta-Analysis Of The Influence Of Phytobiotic (Pepper) Supplementation In Broiler Chicken Performance. In *Tropical Animal Health and Production*. 52(1), 17-30. <https://doi.org/10.1007/S11250-019-02118-3>
- Omomowo, O. O. 2021. Temperature-Humidity Index And Thermal Comfort Of Broilers In Humid Tropics. *Agricultural Engineering International: Cigr Journal*, 23(3).
- Pakage, S., Hartono, B., Fanani, Z., Nugroho, B. A., Iyai, D. A., Palulungan, J. A., Ollong, A. R., dan Nurhayati, D. 2020. Pengukuran Performa Produksi Ayam Pedaging Pada Closed House System dan Open House System Di Kabupaten Malang Jawa Timur Indonesia. *Jurnal Sain Peternakan Indonesia*. 15(4), 383-389. <https://doi.org/10.31186/Jspi.id.15.4.383-389>
- Pangemanan, A., . F., And Budiarmo, F. 2016. Uji Daya Hambat Ekstrak Rimpang Kunyit (*Curcuma Longa*) Terhadap Pertumbuhan Bakteri *Staphylococcus Aureus* Dan *Pseudomonas Sp.* *Jurnal E-Biomedik*. 4(1). <https://doi.org/10.35790/Ebm.4.1.2016.10840>
- Patriani, P., dan Hafid, H. 2019. Persentase Boneless, Tulang, Dan Rasio Daging-Tulang Ayam Broiler Pada Berbagai Bobot Potong. *Jurnal Galung Tropika*.
- Pelícia, V. C., Sartori, J. R., Zavarize, K. C., Pezzato, A. C., Stradiotti, A. C., Araujo, P. C., Mituo, M. A. O., And Madeira, L. 2010. Effect Of Nucleotides On Broiler Performance and Carcass Yield. *Revista Brasileira De Ciencia Avicola*. 12, 31-34. <https://doi.org/10.1590/S1516-635x2010000100004>
- Pertiwi, D. D. R., Murwani, R., And Yudiarti, T. 2017. Bobot Relatif Saluran Pencernaan Ayam Broiler Yang Diberi Tambahan Air Rebusan Kunyit Dalam Air Minum. *Jurnal Peternakan Indonesia (Indonesian Journal Of Animal Science)*. 19(2), 61-65. <https://doi.org/10.25077/Jpi.19.2.60-64.2017>
- Pt. Charoen Pokphand Indonesia. 2006. Manajemen Broiler Modern. Kiat-Kiat Memperbaiki Fcr. Technical Service Dan Development Departement, Jakarta

- Pujianti, A, N., Jaelani, A., Widaningsih, N. 2013. Penambahan Tepung Kunyit (*Curcuma Domestica*) Dalam Ransum Terhadap Daya Cerna Protein Dan Bahan Kering Pada Ayam Pedaging. *Ziraa'ah Majalah Ilmiah Pertanian*, 36(1), 49-59
- Qaid, M. M., Al-Mufarrej, S. I., Azzam, M. M., Al-Garadi, M. A., Albaadani, H. H., Alhidary, I. A., and Aljumaah, R. S. 2021. Anti-Coccidial Effect Of Rumex Nervosus Leaf Powder On Broiler Chickens Infected With *Eimeria Tenella* Oocyst. *Animals*, 11(1), 167. <https://Doi.Org/10.3390/Ani11010167>
- Rahardjo, L. 2004. Pengaruh Level Tepung Daun Gamal Dalam Campuran Pakan Terhadap Performans Broiler Periode Finisher. Fakultas Peternakan. Unisma. Malang
- Rahmat, A., dan Kusnadi. 2008. Pengaruh Penambahan Ekstrak Kunyit (*Curcuma Domestica Val*) Dalam Ransum Yang Diberi Minyak Jelantah Terhadap Performan Ayam Broiler. *Jurnal Ilmu Ternak*, 8(1), 25–30.
- Rahmawati, I., Mahfudz, L. . D., and Kismiati, S. 2021. Protein Mass And Calcium Mass Of Broiler Chicken With Added Nucleotides At Different Maintenance Temperatures. *Jurnal Sain Peternakan Indonesia*. t16(3), 233-238. <https://Doi.Org/10.31186/Jspi.Id.16.3.233-238>
- Rajput, N., Muhammad, N., Yan, R., Zhong, X., And Wang, T. 2013. Effect Of Dietary Supplementation Of Curcumin On Growth Performance, Intestinal Morphology And Nutrients Utilization Of Broiler Chicks. *The Journal Of Poultry Science*. 50(1), 44-52. <https://Doi.Org/10.2141/Jpsa.0120065>
- Ramteke, R., Doneria, R., and Gendley, M. 2019. *Antinutritional Factors In Feed And Fodder Used For Livestock And Poultry Feeding*. 3(5), 39–48.
- Rangsaz, N., and Ahangaran, M. G. 2011. Evaluation Of Turmeric Extract On Performance Indices Impressed By Induced Aflatoxicosis In Broiler Chickens. *Toxicology and Industrial Health*. 27(10), 956-960. <https://Doi.Org/10.1177/0748233711401262>
- Risnajati, D. 2017. Perbandingan Bobot Akhir, Bobot Karkas Dan Persentase Karkas Berbagai Strain Broiler. *Sains Peternakan*. 10(1), 11-14. <https://Doi.Org/10.20961/Sainspet.V10i1.4808>
- Safari, O., Shamsavani, D., Paolucci, M., and Mehraban Sang Atash, M. 2015. The Effects Of Dietary Nucleotide Content On The Growth Performance, Digestibility And Immune Responses Of Juvenile Narrow Clawed Crayfish, *Astacus Leptodactylus* *Leptodactylus* Eschscholtz, 1823. *Aquaculture Research*. 46(11), 2685-2697. <https://Doi.Org/10.1111/Are.12422>
- Sakinah, S., Djauhari, L. M., And Sunarti, D. 2020. Penambahan Nukleotida Pada Ransum Ayam Broiler Dengan Kondisi Lingkungan Yang Berbeda Terhadap Bobot Dan Panjang Saluran Pencernaan. *Jurnal Untidar*.



- Salah, M., Suprijatna, E., Djauhari, M. L., and Dwi, Y. V. 2019. The effects of nucleotide supplementation on the productivity, immune response and meat quality of broiler chicken reared under different environmental conditions. *Livestock Research for Rural Development*, 31(11), 174.
- Samsudin, M., Sarengat, W., and Maulana, H. N. 2012. Pengaruh Perbedaan Lama Periode (Starter-Finisher) Pemberian Pakan Dan Level Protein Terhadap Nisbah Daging Tulang Dan Massa Protein Daging Dada Dan Paha Ayam Pelung Umur 1 Minggu Sampai 11 Minggu. *Animal Agricultural Journal*, 1(1), 43–51.
- Santoso, U. 2009. Pengaruh Tipe Kandang dan Pembatasan Pakan Di Awal Pertumbuhan Terhadap Performans dan Penimbunan Lemak Pada Ayam Pedaging. Unisexed. *Jurnal Ilmu dan Veteriner*, 7, 84–89.
- Sari, M. L., Lubis, F. N. L., and Jaya, L. D. 2014. Pengaruh Pemberian Asap Cair Melalui Air Minum Terhadap Kualitas Karkas Ayam Broiler. *Jurnal Agripet*. 14(1), 71-75. <https://doi.org/10.17969/Agripet.V14i1.1208>
- Silva, V. K., Della Torre Da Silva, J., Torres, K. A. A., De Faria Filho, D. E., Hada, F. H., And Barbosa De Moraes, V. M. 2009. Humoral Immune Response of Broilers Fed Diets Containing Yeast Extract And Prebiotics In The Prestarter Phase And Raised At Different Temperatures. *Journal Of Applied Poultry Research*. <https://doi.org/10.3382/Japr.2009-00004>
- Sinaga, S., Sihombing, D. T. ., Kartiaso, and Bintang, M. 2011. Kurkumin Dalam Ransum Babi Sebagai Pengganti Antibiotik Sintetis Untuk Perangsang Pertumbuhan. *Jurnal Ilmu-Ilmu Hayati Dan Fisik*. 13(2).
- Sjofjan, O. 2008. Efek Penggunaan Tepung Daun Kelor (*Moringa Oleifera*) Dalam Pakan Terhadap Penampilan Produksi Ayam Pedaging (Effect Of *Moringa Oleifera* Leaf Meal In Feed On Broiler Production Performance). *Seminar Nasional Teknologi Peternakan Dan Veteriner*.
- Soeparno. 2005. *Ilmu Dan Teknologi Daging*. Gadjah Mada University Press.
- Standar Nasional Indonesia. 2009. *Kumpulan Standar Nasional Indonesia (Subsektor Peternakan Jilid 1)*. Ditjen Peternakan.
- Sudarto. 2003. Pengaruh Level Serat Kasar Dalam Pakan dan Sekektomi Terhadap Performan Entog (*Cairina Moschata*). Fakultas Peternakan, Universitas Gadjah Mada, Yogyakarta
- Sugiharto, Isroli, Widiastuti, E., and Prabowo, N. S. 2011. Effect Of Turmeric Extract On Blood Parameters, Feed Efficiency And Abdominal Fat Content In Broilers. *Journal Of The Indonesian Tropical Animal Agriculture*. <https://doi.org/10.14710/Jitaa.36.1.21-26>
- Sulistiyanto, B., Kismiati, S., And Utama, C. S. 2019. Tampilan Produksi Dan Efek Imunomodulasi Ayam Broiler Yang Diberi Ransum Berbasis Wheat Pollard Terolah. *Jurnal Veteriner*. 20(3), 352-359.

- Syahrudin, E., Abbas, H., Purwati, E., and Heryandi, Y. 2012. Aplikasi Mengkudu Sebagai Sumber Antioksidan Untuk Mengatasi Stress Ayam Broiler Di Daerah Tropis. *Jurnal Peternakan Indonesia (Indonesian Journal Of Animal Science)*. 14(3), 411-424. <https://Doi.Org/10.25077/Jpi.14.3.411-424.2012>
- Tamzil, M. H. 2014. Stress Panas Pada Unggas: Metabolisme, Akibat Dan Upaya Penanggulangannya. *Jurnal Wartazoa*. 24(2), 57-66.
- Tillman, A. D., Hartadi, H., Reksohadiprojo, S., And S, L. 1991. *Ilmu Makanan Ternak Dasar*. Gadjah Mada University Press.
- Ulfa, M. L., and Djunaidi, I. H. 2019. Substitusi Tepung Bonggol Pisang Dan Indigofera Sp. Sebagai Pengganti Bekatul Dalam Ransum Untuk Meningkatkan Performa Ayam Broiler. *Jurnal Nutrisi Ternak Tropis*. 2(2), 65-72. <https://Doi.Org/10.21776/Ujnt.2019.002.02.6>
- Umam, M. K., Prayogi, H. S., dan Nurgiartiningsih, V. M. A. 2015. Penampilan Produksi Ayam Pedaging Yang Dipelihara Pada Sistem Pemeliharaan Lantai Kandang Panggung Dan Kandang Bertingkat. *Jurnal Ilmu-Ilmu Peternakan*, 24(3), 79–87.
- Villavan, M., Marappan, G., Rokade, Jaydip Jaywant Kumar, S., V, P., and A, N. 2021. Effect Of Nucleotide Through Feed On Body Weight And Blood Biochemical Parameters In Broiler Chickens. *The Pharma Innovation Journal, Sp-10(2)*, 170–173. <https://www.Thepharmajournal.Com/Archives/2021/Vol10Issue2s/Partc/S-10-7-77-890.Pdf>
- Wahju, J. 2004. *Ilmu Nutrisi Unggas*. Edisi Ke-4. Universitas Gadjah Mada Press, Yogyakarta.
- Wati, A. K., Zuprizal, Z., Kustantinah, K., Indarto, E., Dono, N. D., And Wihandoyo, W. 2018. Performan Ayam Broiler Dengan Penambahan Tepung Daun Dalam Pakan. *Sains Peternakan: Jurnal Penelitian Ilmu Peternakan*, 16(2), 74-79.
- Widodo, E. 2018. *Ilmu Nutrisi Unggas*. Universitas Brawijaya Press.
- Wu, C., Yang, Z., Song, C., Liang, C., Li, H., Chen, W., Lin, W., And Xie, Q. 2018. Effects Of Dietary Yeast Nucleotides Supplementation On Intestinal Barrier Function, Intestinal Microbiota, And Humoral Immunity In Specific Pathogen-Free Chickens. *Poultry Science*. 97(11), 3837-3846. <https://Doi.Org/10.3382/PS/Pey268>
- Yao, J., Tian, X., Xi, H., Han, J., Xu, M., And Wu, X. 2006. Effect Of Choice Feeding On Performance, Gastrointestinal Development And Feed Utilization Of Broilers. *Asian-Australasian Journal Of Animal Sciences*. 19(1), 91-96. <https://Doi.Org/10.5713/Ajas.2006.91>
- Zhang, J., Bai, K. W., He, J., Niu, Y., Lu, Y., Zhang, L., And Wang, T. 2018. Curcumin Attenuates Hepatic Mitochondrial Dysfunction Through The Maintenance Of Thiol Pool, Inhibition Of Mtdna Damage, And Stimulation Of The Mitochondrial Thioredoxin System In Heat-Stressed Broilers. *Journal Of Animal Science*. 96(3), 867-879. <https://Doi.Org/10.1093/Jas/Sky009>



