

DAFTAR PUSTAKA

- Abebe W, Asfaw T, Genete B, Kassa B, Dorchie P. Comparative studies of external parasites and gastrointestinal helminthes of Chicken kept under different managements in and around Addis Ababa (Ethiopia). *Med Vet Dep Trop* 1997; 148:497–500.
- Adang, K.L., Abdu, P.A., Ajanusi, J.O., Oniye, S.J., dan Azealor, A.U. 2010. Histopathology of *Ascaridia galli* Infection on The Liver, Lungs, Intestines, Heart, and Kidney of Experimentally Infected Domestic pigeons (*C.I. domestica*) in Zaria, Nigeria. *The Pacific Journal of Science Technology* 11 (2): 511-515
- Ademola, I. O., B. O. Fagbemi, & S. O. Idowu. 2004. Evaluation of the anthelmintic activity of *Khaya senega-lensis* extract against gastrointestinal nematodes of sheep: in vitro and in vivo studies. *Vet. Parasitol.* 122:151-164 (Abstr).
- Ahmad J, Tanveer S, and Zargar BA (2013) In vitro anthelmintic activity of *Mentha longifolia* (L.) leaves against *Ascaridia galli*. *Glob. Vet.* 11 (1): 112-117.
- Al-Daraji, Th.Kh. dan Al-Amery, A.M. 2013. Effect of *Ascaridia galli* infection in some blood parameters in layer hens. *Al-Anbar J Vet Sci.* 6(2): 105-112.
- Al-Saffar, T.M. dan Al-Malwa, E.D. 2008. Some hematological changes in chickens infected with ectoparasites. In Mosul. *Iraqi J Vet Sci.* 22(2): 95-100.
- Alabi OJ, Ngambi JW, Norris D Mabelebele M. Effect of egg weight on hatchability and subsequent performance of Potchefstroom Koekoek chicks. *Asian J. Anim. Vet Adv.* 2012;7:718-25.
- Alam, M. N., Mostofa, M., Khan, M. A. H. N. A., Alim, M. A., Rahman, A. K. M. A. dan Trisha, A. A. 2014. Prevalence of Gastrointestinal Helminth Infections in Indigenous Chickens of Selected Areas of Barisal District, Bangladesh. *Bangl. J. Vet. Med.* 12 (2):135-139
- Alasadiy, Y. D. K., Arshad N. A., Farhan A. E. 2020. The Prevalence of Parasitic Infection in Domestic Chicken: A Review. *Medico-legal Update*, 20: 1.
- Ali N, Shah SWA, Shah I, Ahmed G, Ghias M, and Khan I (2011) Cytotoxic and anthelmintic potential of crude saponins isolated from *Achillea wilhelmsii* C. Koch and *Teucrium stocksianum* boiss. *Altern. Med.* 11 (106): 1-7.
- Alifian MD, Nahrowi, D Evvyernie. 2018. Pengaruh Pemberian Imbuhan Pakan Herbal terhadap Performa Ayam Broiler. *Buletin Makanan Ternak.* 16 (1)
- Alnasser, A., Alkhalaifa, H., Alsaffar, A., Khalil, F., Albahouh, M., Ragheb, G., Alhaddad & Mashaly. 2007. Overview of chicken taxonomy and domestication. *World's Poultry Science Journal* 63: 285- 291
- Alvarez LI, Mottier ML and Lanusse CE (2007) Drug transfer into target helminths parasites. *Trends Parasitol.* 23: 97-104.
- Ariyadi, Bambang. 2006. Kajian Infeksi Telur Cacing *Ascaridia galli* pada Ayam Petelur Jenis Isa Brown (*Gallus domesticus*). Tesis. Sain Veteriner Universitas Gadjah Mada, Yogyakarta.
- Asumang, Philip, Justice Akoto Delali, Francis Wiafe, Zeba Kamil, Gadafi Iddrisu Balali, Vera Afua Dela Gobe, Wilson Nketiah Siaw, Grace Pinamang. 2019. Prevalence of Gastrointestinal Parasites in Local and Exotic Breeds of Chickens in Pankrono—

- Kumasi, Ghana. *Journal of Parasitology Research*, vol. 2019. <https://doi.org/10.1155/2019/5746515>
- Azando EVB, Hounzangbé-Adoté MS, Olounladé PA, Brunet S, Fabre N, Valentin A, Hoste H (2011) Involvement of tannins and flavonoids in the in vitro effects of *Newbouldia laevis* and *Zanthoxylum zanthoxyloides* extracts on the exsheathment of third-stage infective larvae of gastrointestinal. *Vet. Parasitol.* **180**: 292-297.
- Aziz ARA, Abou Laila MR, Aziz M, Omard MA and Sultan K (2018) In vitro and in vivo anthelmintic activity of pumpkin seeds and pomegranate peels extracts against *Ascaridia galli* Beni-Seuf Univ. *J. Appl.* **7** (2): 231-234.
- Balqis, U., Darmawi, M. Hambal, and R. Tiuria. 2009. Perkembangan Telur Infektif *Ascaridia galli* melalui kultur in vitro. *J. Ked. Hewan.* **3**(2): 227-233.
- Balqis, U., Darmawi, Tiuria, R., Priosoeryanto, B. P., dan Hambal, M. 2012. The Effect of Excretory/secretory product Release by L3 of *Ascaridia galli* on Villous Compact in Intestine of Laying Hens. The Proceedings of The 2nd Annual International Conference Syiah Kuala University (AIC Unsyiah). 107-109.
- Barceloux D G 2008 Medical Toxicology of Natural Substances. Foods, Fungi, Medicinal Herbs, Plants and Venomous Animals. Hoboken: Wiley.
- Bazh EKA and El-Bahy NM (2013) In vitro and in vivo screening of anthelmintic activity of ginger and curcumin on *Ascaridia galli*. *Parasitol. Res.* **112** (11): 3679-3686.
- Chandrawathani P, Chang KW, Nurulaini R, Waller PJ, Adnan M, Zaini CM, Jamnah O, Khadijah S, Vincen N (2006) Daily feeding of fresh neem leaves (*Azadirachta indica*) for worm control in sheep. *Trop. Biomed.* **23**: 23-30.
- Belete, A., Mekonnen, A, dan Mihretu, A. 2016. Review on Major Gastrointestinal Parasites that Affect Chickens. *Journal of Biology, Agriculture and Healthcare.* Vol 6 (11): 11-20
- Berijaya, Martindah, E., dan Nurhayati, I.S. 2016. Masalah Ascariasis pada Ayam. Lokakarya Nasional Inovasi Teknologi Dalam Mendukung Usaha Ternak Unggas Berdayasaing. 194-200 FAO/IAEA Edition, Vienna.
- Bhowmik M, Sasmal N, Chakraborty AK. Effect of Raillietina cestid infection on the meat and egg production of fowl. *Indian Vet Med* **20**. J. 1982;6(2):100-102.
- Bhuiyan M N I, J Begum, N C Nandi, and F Akter 2010 Constituents of the essential oil from leaves and buds of clove (*Syzygium caryophyllatum* (L.) Alston). *African Journal of Plant Science.* **4**(11):451-454. <http://www.academicjournals.org/ajps>.
- Borghare AT, Bagde V, Jalukar A. Incidence of gastrointestinal parasitism of captive wild pigeons at Nagpur. *Veterinary World.* 2009; **2**(9): 343.
- Chanwitheesuk A, A Teerawutgulrag, and N Rakariyatham 2004 Screening of Antioxidant Activity and Antioxidant Compounds of Some Edible Plants of Thailand. *Food Chemistry* **92**:491-497.
- Charitha, V.G., J Adeppa and P Malakondaiah. 2017. In vitro anthelmintic activity of *Syzygium aromaticum* and *Melia dubia* against *Haemonchus contortus* of sheep. *Indian Journal of Animal Sciences* **87** (8): 968-970
- Cheng T. General Parasitology. Published by Academic Press, New York, San Francisco. 1973.
- Cortés-Rojas D F, C R Fernandes de Souza, and W P Oliveira 2014 Clove (*Syzygium aromaticum*): a precious spice. *Asian Pacific Journal of Tropical Biomedicine* **4**(2):90-96. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3819475/>

- Dalkilic, Bestami., and Talat, Guler. 2009. *The Effects of Dietary Clove Extract On Carcass Characteristics, Digestive Organ Size And Total Coliform Counts of Small Intestine in Broilers*. F.Ü.Sağ.Bil.Vet.Derg. 23 (3): 153 - 15.
- Davis, A.K., D. L. Maney, &J. C. Maerz. 2008. The use of leucocyte profiles to measure stress in vertebrates : a review for ecologists. *Func. Ecol.* 22:760-772.
- De Morais S M, N S Vila-Nova, and C M Bevilaqua 2014 Thymol and euge-nol derivatives as potential antileishmanial agents. *Bioorganic & Medicinal Chemistry* 22(21):6250-6255.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5106290/>
- Doligalska M, K Józwicka, M Kiersnowska, A Mroczek, C Paczkowski, and W Janiszowska 2011 Triterpenoid saponins affect the function of P-glycoprotein and reduce the survival of the free-living stages of *Heligmosomoides bakeri*.” *Vet. Parasitol.* 179:144-151.
- Fahrimal Y and R Raflesia 2002 The degree of gastrointestinal nematode infestation in native chickens raised semi-intensively and traditionally. *J. Med. Vet.* 2(2):114-118.
- FAO. 1998. Epidemiology, Diagnosis, and Control of Poultry Parasites. Food and Agriculture Organization of The United Nations, Rome.
- FAO. 2008. Local chicken genetic resources and production systems in Indonesia. Prepared by Muladno. *GCP/RAS/228/GER Working Paper No. 6*. Rome. 1- 16
- Fatih, M. Y., Ogbogu, V. C., Njoku, C.V. & Saror, O. I. (1991). Comparative studies of gastrointestinal helminths of poultry in Zaria. *Revue d' E'Levage Medicine Veterinaires pour pays Tropicaux*, 44(2): 175-177.
- Foryet, W.J. 2001. *Veterinary Parasitology Reference Manual* Fifth edition. Blackwell Publishing, Iowa. 153-160
- Frandon, R.D. 1992. *Anatomi dan Fisiologi Ternak*. Edisi 4. Terjemahan : Gadjah Mada University Press, Yogyakarta.
- G.C. Puttalakshamma, Ananda, K. J., Prathiush, P. R. Mamatha, G. S. and Suguna Rao. 2008. Prevalence of Gastrointestinal parasites of Poultry in and around Bangalore. *Veterinary World*, Vol.1(7): 201-202.
- Gadzama BI. Supporting small-scale enterprises for women farm- ers in the Sahel. *J Int Dev* 2001; 3(4):355–86.
- Guyton, A. C., 1993. *Textbook of Medical Physiology*. 10th edition. Appleton and Lange. San Fransisko, USA. Diterjemahkan oleh Tengadi, K. A., R. Tandean., R. M. Mawi, 1995. *Buku Ajar Fisiologi Kedokteran*. Penerbit Buku Kedokteran EGC. Jakarta. Hal 101-112.
- Hana. A. 2011. *Profil Darah, Peristaltik dan Neuron Mienterik Nitregik Usus Halus Kelinci (Orictolagus cuniculus) yang Diinfeksi Eimeria magna*. Disertasi. Universitas Gadjah Mada. Yogyakarta.
- Handito, Sasono., Endah, Setyaningrum., Tundjung, T. Handayani. 2014. Uji Efektivitas Ekstrak Daun Cengkeh (*Syzygium aromaticum*) sebagai Bahan Dasar Obat Nyamuk Elektrik Cair Terhadap Nyamuk *Aedes aegypti*. *Jurnal Ilmiah Biologi Eksperimen dan Keanekaragaman Hayati*. 2 (2).
- Harborne J B and H Baxter 1993 *Phytochemical Dictionary*. London: Taylor and Francis.
- Hassan, M-F.M. Gammaz, H.A., Abdel-Daim, M.M., Abdoel-Motalab, Y.M., dan Mohammedsalih, K.M. 2013. Efficacy and safety of albendazole against *Haemonchus contortus* infestation in goats. *Research in Zoology*. 3(1): 31-37.

- Hassanain, M.A., Rahman, E.H.A., dan Khalil, F.A.M. 2009. New Scanning Electron Microscopy Look of *Ascaridia galli* Adult Worm and its Biological Control. *Research Journal parasitology*, 4 (4): 94-104
- Hayse, P. L. dan W.W. Merion. 1973. Eviscerated yield components part and broiler. *Poultry Science* 52;718– 721.
- Hidayat, C. 2012. Pengembangan Produksi Ayam Buras Berbasis Bahan Pakan Buras. *WARTAZOA* 22 (2): 86 – 93
- Hoste H, Jackson F, Athanasiadou S, Thamsborg SM, and Hoskin SO (2006) The effects of tannin-rich plants on parasitic nematodes in ruminants. *Trends Parasitol.* **22** (6): 253-261
- Husori DI, Tarigan SH, Gemasihand S, Ningsih SR (2018) In vitro anthelmintic activity of *Acanthus ilicifolius* leaves extracts on *Ascardia galli* and *Pheretimaposthuma*. *J. Appl. Pharm. Sci.* **8** (2): 164-167.
- Idika, I., Obil, C., Ezech, I., Iheagwam, C., Njoku, I., and Nwosu, C. (2015). Gastrointestinal helminth parasites of local chickens from selected communities in Nsukka region of South Eastern Nigeria. *J. Parasit Dis.*, **40**(4), 1376-1380.
- Iqbal, Z., Akhtar, M.S., Sindhu, Z., khan, M.N. dan Jabbar, A. 2003. Review Herbal Dewormers in Livestock - A Traditional Therapy. *International Journal of Agriculture & Biology*, 199-206
- Islamuddin M, G Chouhan, M Tyagi, M Z Abdin, D Sahal, and F Afrin 2014 Leishmanicidal activities of *Artemisia annua* leaf essential oil against visceral leishmaniasis. *Front Microbiol.* **5**:626. <https://www.frontiersin.org/articles/10.3389/fmicb.2014.00626/full>
- Jain, N.C. 1993. Hematology book.
- Jannah M, J Muhidong, and M Mursalim 2020 Physical Characteristics of Clove (*Syzygium aromaticum*). *Jurnal Agritechno* **13**(1):34-41. <http://agritech.unhas.ac.id/ojs/index.php/at/article/view/251>
- Jatmiko SW. 2015. Eosinofil sebagai sel penyaji antigen. *Bioeksperimen*, **1**(1): 18-22.
- Jayantakumar Singh L and N Mohilal 2017 Gastrointestinal parasitic infection in diverse species of domestic birds of Manipur, India. *J Parasit Dis* **41**(1):142-146. <https://pubmed.ncbi.nlm.nih.gov/28316403/>
- Johnson, JD. Michael J. Ryan, John D. Toft II, Steven W. Graves, Milton R. Hejtmancik, Michael L. Cunningham, Ron Herbert, and Kamal M. Abdo. 2000. Two-Year Toxicity and Carcinogenicity Study of Methyleugenol in F344/N Rats and B6C3F1 Mice. *J. Agric. Food Chem.* **48**, 3620–3632.
- Jordan FTW, Pattison M. *Poultry Diseases*. W.B. Saunders, London. 1996.
- Jufri, Muhammad. Pengaruh Pemberian Serbuk Cengkeh (*Syzygium aromaticum*) pada Ransum Terhadap Performans Ayam Ras Pedaging (Broiler). Skripsi. Fakultas Sains Dan Teknologi Universitas Islam Negeri Alauddin Makassar
- Kamatou G P, I Vermaak, and A M Viljoen 2012 Eugenol from the remote Maluku Islands to the international market place: a review of a remarkable and versatile molecule. *Molecules* **17**(6):6953-6981. <https://pubmed.ncbi.nlm.nih.gov/22728369/>
- Kamila, A.N. Uji Daya Antelmintik Ekstrak Daun Salam Terhadap *Ascaridia galli* secara in vitro. Skripsi. Universitas Airlangga.
- Kardinan, A. 2003. Tanaman Pengusir dan Pembasmi Nyamuk. Jakarta: Agro Media Pustaka, pp: 2-5, 22-23, 28-29.

- Kardinan, A. 2007. Tanaman Pengusir dan Pembasmi Nyamuk. Jakarta: Agro Media Pustaka, pp: 22-23.
- Kaufman PE, Koehler PG, Butler JF. 2007. External Parasites of Poultry, University of Florida institute of Food And Agricultural Sciences, Gainesville, Fla, USA.
- Kaufmann,J., 1996. Parasitic Infections of Domestic Animals.BirkhauserVerlag. Germany. 350- 366
- Kementrian Pertanian. 2013. Keputusan Menteri Pertanian Nomor 701/Kpts/PD.410/2/2013 tentang Penetapan Rumpun Itik Magelang. Kementrian Pertanian, Jakarta.
- Khan A, Tak H, Nazirand R, Lone BA (2018) In vitro and in vivo anthelmintic activities of *Iriskashmiriana* Linn. *J. Saudi Soc. Agri. Sci.* **17** (3): 235-240.
- Kim SI, Yi JH, Tak JH, Ahn YJ. Acaricidal activity of plant essential oils against *Dermanyssus gallinae* (Acari: Dermanyssidae). *Veterinary Parasitology* 2004; **120**: 297- 304.
- Klongsiriwet C, J Quijada, A R Williams, I Mueller-Harvey, E M Williamson, and H Hoste 2015 Synergistic inhibition of *Haemonchus contortus* exsheathment by flavonoid monomers and condensed tannins. *International Journal for Parasitology: Drugs and Drug Resistance* **5**(3):127-134. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4506970/>
- Krist, S, Halwachs, L, Sallaberger, G, Buchbauer, G. (2007) Effects of scents on airborne microbes, part I: thymol, eugenol, trans-cinnamaldehyde and linalool. *Flavour and Fragrance Journal.* **22**, 44–48.
- Kumar, S., R. Garg, H. Ram, P. S. Maurya, and P. S. Banerjee, “Gastrointestinal parasitic infections in chickens of upper gangetic plains of India with special reference to poultry coccidiosis,” *Journal of Parasitic Diseases*, vol. 39, no. 1, pp. 22–26, 2013.
- Kusnadi, E. 2008. Perubahan malonaldehida hati, bobot relatif bursa fabricius dan rasio heterofil/limfosit (H/ L) ayam broiler yang diberi cekaman panas. *Med. Pet.* **32**(2):81-87.
- Kusuma, Irwan W., Harlinda, K., Enos, T.A., Farida, A., Yu-Hong, M., Jin-Sook, k., Yong-ung, K. 2011. Biological Activity and Phytochemical Analysis of Three Indonesian Medical Plants, *Murraya koenigii*, *Syzygium polyanthum* and *Zingiber purpurea*. *J. Acupunt Meridian Stud.* **4**(1): 75-79.
- Lalchhandama K (2010) On the structure of *Ascaridia galli* the roundworm of domestic fowl. *Sci Vis.* **10** (1): 20-30.
- Luka, S. A. & Ndams, I. S. (2007). Gastrointestinal Parasites of Domestic Chickens *Gallus gallus domesticus* Linnaeus 1758 in Samaru, Zaria, Nigeria. *Science World Journal* **2** (1): 27-29
- Machado M, A M Dinis, L Salgueiro, J B Custódio, C Cavaleiro, and M C Sousa 2011 Anti-Giardia activity of *Syzygium aromaticum* essential oil and eugenol: effects on growth, viability, adherence and ultrastructure. *Exp Parasitol* **127**(4):732-739.
- Madhavan M and S T Tharakan 2020 Total Phenol Quantification and Anthelmintic Activity of *Sarcostemma acidum* (ROXB.) VOIGT. *J. Pharm. Sci. & Res.* **12**(1):28-30. <https://www.jpsr.pharmainfo.in>
- Madubuike P, D Ezemokwe, and N Madubuike 2018 Phytochemical Screening of *Eugenia Caryophyllata* (Clove Leaves) and Characterization of Its Essential Oil. *World Wide Journal of Multidisciplinary Research and Development* **4**(2):163-167. <http://www.wwjmr.com>

- Mahrous, H.S, Ali H. El-Far1, Kadry M. Sadek , Mervat A. Abdel-Latif. 2017. Effects of Different Levels of Clove Bud (*Syzygium Aromaticum*) Dietary Supplementation on Immunity, Antioxidant Status, and Performance in Broiler Chickens. *AJVS*. Vol. 54 (2): 29-39 DOI: 10.5455/ajvs.272231
- Makkar, H.P.S., (2000): Quantification of tannins in tree foliage: A laboratory manual.
- Makkar, H.P.S., Bluemmel, M., Borowy, N.K., Becker, K., (1993): Gravimetric determination of tannins and their correlations with chemical and protein precipitation methods. *J. Sci. Food Agric*, 61: 161-165.
- Marcos-Atxuteg Ci, Gandolfi B, Arangüena TT, Sepúlveda R, Arévalo M and Simón F (2009) Antibody and inflammatory responses in laying hens with experimental primary infections of *Ascaridia galli*. *Vet. Parasitol.* **161**(1-2): 69-75.
- Marin, Monica., Dumitru Drăgoțoiu, Carmen Georgeta Nicolae, Georgeta Diniță. 2015. Research on The Influence of The Oregano Oil Use over The Productive Performances and Quality Of Duck Meat. *AgroLife Scientific Journal*. 4 (2)
- Matta, S.C. dan Ahluwalia, S. S. 1982. Haematological indices as influenced by *Ascaridia galli* infection in fowl. Effect on the haemoglobin concentration, packed cell volume, and erythrocytes sedimentation rate. *Ind J Poult Sci*. 17:46-51
- Matur BM. Prevalence of some gastrointestinal parasites in pullets of chickens (*Gallus gallus domestica*) in the Federal Capital Territory Abuja, Nigeria *Journal of tropical Biosciences*. 2002;2:7882.
- Min, B. R. D. & S. P. Hart. 2003. Tanins for suppression of internal parasites. *J. Anim. Sci*. 81:E102-E109.
- Monglo D, Njongmeta LM, Musongong G, Ngassoum M, Nukenine EN (2006) Evaluation of anthelmintic potential of ethanolic plant extracts from Northern Cameroon against eggs and infective larvae of *Haemonchus contortus*. *J. Biol. Sci.* **6**: 426–433.
- Mubarokah WW, Nurcahyo W, Kurniasih K. 2018. Daya Antelmintik Infusa Biji Buah Pinang (*Areca catechu*) terhadap Cacing *Ascaridia galli* secara In Vitro. *Jurnal Sain Veteriner* 36 (2): 254-259.
- Mubarokah WW, Nurcahyo W, Prastowo J and Kurniasih K (2019) The population, protein profile and ultrastructure of *Ascaridia galli* in chicken treated using *Areca catechu* crude aqueous extract. *J. Indonesian Trop. Anim. Agric.* **44** (4): 392-399.
- Nalule AS, Mbaria JM, Olila D, Kimenju JW. Ethnopharmacological practices in management of livestock helminthes by pastoral communities in the drylands of Uganda. *Livestock Research for Rural Development*. 2011;23:6.
- Nataamijaya, A.G. 2010. Pengembangan Potensi Ayam Buras untuk Menunjang Peningkatan Kesejahteraan Petani. *Jurnal Litbang Pertanian* 29(4): 131- 138
- Ndjonka D, Agyare C, Lüersen K, Djafsia B, Achukwi D, Nukenine EN, Hensel A. and Liebau E (2011) In vitro activity of Cameroonian and Ghanaian medicinal plants on parasitic (*Onchocerca ochengi*) and free-living (*Caenorhabditis elegans*) nematodes. *J. Helminthol.* **85**: 304-312.
- Nigam, Varsha., Ritu, N., Asheesh, S. 2012. Distribution and Medical Properties of *Syzygium* species. *Current Research in Pharmaceutical Sciences*. Vol 2. 73-80.
- Njagi LW, Nyaga PN, Mbuthia PG, Bebora LC, Michieka JN, Kibe JK, Minga UM. Prevalence of Newcastle disease virus in village indigenous chickens in varied agro-ecological zones in Kenya. *Livest Res Rural Dev*. 2010;22:95
- Noble, E.R. and G.A. Noble. 1989. Parasitologi, Biologi, Parasit Hewan. Edisi ke-4. Wardiarto (Penterjemah). Gadjah Mada University Press. Yogyakarta.

- Offiong E E A, O E Obiokub, J U Umohb, C A Essienc, and N B Idiong 2013 A survey of gastrointestinal helminths of local chickens in Abak local government area of Akwa Ibom State. *Int. J. Sci.* 9(1):1-4.
- Ohaeri, C.C. and Okwum, C. (2013). Helminthic Parasites of Domestic Fowls in Ikwuano, Abia State Nigeria. *Journal of Natural Sciences Research*, 3(1)
- Ola-Fadunsin SD, Ganiyu IA, Rabi M, Hussain K, Sanda IM, Musa SA, Uwabujo PI, Furo NA. Gastrointestinal parasites of different avian species in Ilorin, North Central Nigeria. *J Adv Vet Anim Res* 2019; 6(1):108–116.
- Osman, G. Y., Amal I. K., Nahla A. R., Omayma, A.M. Maghraby. 2016. In- vitro evaluation of antihelminthic activity of albendazole and three midicinal plant extracts on *Capillaria* sp and its characterization with RAPD- PCR. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 7(4): 2965
- Parekh J, D Jadeja, and S Chanda 2005 Efficacy of Aqueous and Methanol extracts of some medicinal plants for Potential Antibacterial Activity. *Turky J.Biol.* 29:203-210. <http://citeseerx.ist.psu.edu>
- Patel J, Kumar GS, Qureshi MS, Jena PK (2010) Anthelmintic activity of ethanolic extract of whole plant of *Eupatorium adorum*. *Int. J. Phytomed.* 2: 217- 132.
- Permatasari, D. A., Rochiman, K., Restiadi, T. I., Mumpuni, S., Suprihati, E., and Effendi, M. H. (2020). Prevalence and Worm Infection Degree Gastrointestinal on Duck (*Anas javanica*) in Two Different Geographical Territory . *Journal of Parasite Science*, 4(1), 21-24.
- Permin A and Raving H (2001) Genetic resistance to *Ascaridia galli* infection in chickens. *Vet. Parasitol.* 102: 101-111.
- Permin, A., dan Hansen, J.W. 1998. The Epidemiology, Diagnosis and Control of Poultry Parasites. Food and Agriculture Organization of the United Nations. USA. 104-105
- Prastowo, J. dan Ariyadi, B. 2015. Pengaruh Infeksi Cacing *Ascaridia galli* terhadap Gambaran Darah dan Elektrolit Ayam Kampung. *Jurnal Medika Veterinaria* 9 (1): 12 -17
- Prastowo, J., O. Herawati, B. Ariyadi, and Kurniasih. 2017. Effects of Areca catechu seed and Anredera cordifolia leaf on *Ascaridia galli* infection in the domestic chicken (*Gallus gallus domesticus*). *Int. J. Poult Sci.* 16:494-499.
- Puttalakshmama, G.J., Ananda, K.J., Prathiush, P.R., Mamatha, G.S., dan Rao, S. 2008. Prevalance of Gastrointestinal Parasites of Poultry in and Around Bangalore. *Veterinary World*, 1 (7): 201-202.
- Pyo Y M, Y J Jin, and J Y Hwan 2014 Comparison of the effect of blending and juicing on phytochemical content and antioxidant capacity of typical korean kernel fruit juice. *Preventive Nutrition and Food Science* 19(2):108-114. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4103735/>
- Ramadan, H.H., dan Znada, N.Y.A. 1992. Some pathological and biochemical studies on experimental ascaridiasis in chickens. *Food/Nahrung*, 35(1), 71-84.
- Rantam, F.A. 2003. Metode Immunologi. Airlangga University Press. Yogyakarta.
- Rasyaf, M. 1994. Manajemen Peternakan Ayam Kampung. Yogyakarta: Kanisius. Hal 64-66.
- Rasyaf. M.1995. *Pedoman Ringkas Beternak Ayam Broiler*. Penerbit Kanisius, Yogyakarta.
- Razafimamonjison G, M Jahiel, T Duclos, P Ramanoelina, F Fawbush, and P Danthu 2014 Bud, leaf and stem essential oil composition of *Syzygium aromaticum* from

- Madagascar, Indonesia and Zanzibar. *International Journal of Basic and Applied Sciences* 3(3):224-233.
<https://www.sciencepubco.com/index.php/ijbas/article/view/2473>
- Resnawati, H. 2004. Bobot potongan karkas dan lemak abdomen ayam ras pedaging yang diberi ransum mengandung tepung cacing tanah (*Lumbricus rubellus*). Balai Penelitian Ternak. Bogor.
- Reynaud, M.C.; Chauve, C.M.; Gastellu, J.; Gounel, J.M. Administration of toltrazuril during experimental coccidiosis in mule ducks: Comparison of the efficacy of a single administration at two different endogenous stages. *Vet. Parasitol.* 1999, 81, 265–274
- Riyanti dkk. *Pengaruh Kepadatan Kandang Terhadap Performa Produksi Ayam Petelur Fase Awal Grower*. Jurnal Ilmiah Peternakan Terpadu Vol. 3(1): 87-92, Feb 2015.
- Roy B, Dasgupta S, Manivel V, Parameswaran PS and Giri BR (2012) Surface topographical and ultrastructural alterations of *Raillietina echinobothrida* and *Ascaridia galli* induced by a compound isolated from *Acacia oxyphylla*. *Vet. Parasitol.* **185**: 322-326.
- S. Suharti, K. G. Wiryawan, R. Tiuria, Y. Ridwan, S. Fitriana, dan N. Sumarni. 2010. Efektivitas Daun Jarak (*Jatropha curcass* Linn) Sebagai Anticacing *Ascaridia galli* dan Pengaruhnya terhadap Performa Ayam Buras. *Media Peternakan*. 33 (2) : 108-114.
- Saijuntha, W., Duengai, K., and Tantrawatpan, C. (2013). Zoonotic Echinostome Infections in Free-Grazing Ducks in Thailand. *Korean J Parasitol*, 51(6), 663-667.
- Salam, S.T. 2015. Research Article Ascariasis in Backyard Chicken – Prevalence, Pathology and Control. *International Journal of Recent Scientific Research* Vol. 6, Issue, 4., 3361-3365
- Salim, F, 1975. Pengaruh pelayuan dan pengeringan terhadap sifat fisika kimia cengkeh. Tesis S1, FATETA, IPB.
- Sandika, B., Raharjo and Duca, N. 2012. Pengaruh Pemberian Air Rebusan Akar Delima (*Punica granatum L.*) Terhadap Mortalitas *Ascaris suum*. Goesze. Secara *In vitro*. *LenteraBio*, 1:81-86.
- Santoro G F, M G Cardoso, L G Guimarães, L Z Mendonça, and M J Soares 2007 Trypanosoma cruzi: activity of essential oils from Achille amillefolium L, Syzygium aromaticum L and Ocimum basilicum L on epimastigotes and trypomastigotes. *Exp Parasitol*. 116(3):283-290.
- Sariati., Nuraini, dan D. Agustina. 2016. Pengaruh jenis formulasi ransum terhadap penampilan ayam Tolaki umur 12-18 minggu yang dipelihara secara intensif. *Jurnal Ilmu dan Teknologi Peternakan Tropis* 3 (2): 93- 101.
- Sasono Handito, Endah Setyaningrum, Tundjung T, Handayani. 2014. Uji EFEKTIVITAS EKSTRAK DAUN CENGKEH (*Syzygium aromaticum*) SEBAGAI BAHAN DASAR OBAT NYAMUK ELEKTRIK CAIR TERHADAP NYAMUK *Aedes aegypti*. *Jurnal Ilmiah : Biologi Eksperimen dan Keanekaragaman Hayati* Vol. 2 No. 2 November 2014 : hal. 91-96
- Shaibu IE. 2015. Phytochemical composition and anthelmintic effects of essential oils from three nigerian citrus varieties on *Ascaridia galli*. (Thesis). Zaria: Faculty Of Science Ahmadu Bello University.

- Sheikh, B.A., Ahmad, F., dan Sofi, T.A. 2016. Morfology and Prevalence Some Helminth Parasite in *Gallus domesticus* from Gurez Valley of Jammu and Kashmir, India. *Journal of Fisher and Livestock production* Vol 5, 2-7
- Sherman, I.G., and Sherman, V.G. 1988. *The Vertebrates Function and Form*. New York. MacMillan Publishing. Co. Inc. p.469
- Soulsby, E. (1986). *Helminth, Arthropods and Protozoa of Domesticated Animal*. London: Baillière Tindall and Cassell Ltd.
- Spiegler V, E Liebau, and A Hensel 2017 Medicinal plant extracts and plant-derived polyphenols with anthelmintic activity against intestinal nematode. *Nat. Prod. Rep.* 34:627-643.
- Srivastava A K, and K V Syamsundar 2005 Bud and leaf essential oil composition of *Syzygium aromaticum* from India and Madagascar. *Flavour and Fragrance Journal* 20:51-53.
- Srivastava A, A K Gupta, and A Rajendiran 2017 Phytochemical screening and in vitro anthelmintic activity of methanolic extract from the stem bark of *plumeria rubra* linn. *Int J Pharm Sci Res* 5(3):127-134.
- Sugito, & Delima M. 2009. Dampak cekaman panas terhadap pertambahan bobot badan rasio heterofil: limfosit dan suhu tubuh ayam broiler. *KedHewan.* 3(1):218-226.
- Suharti, S., K. G. Wiryawan, R. Tiuria, Y. Ridwan, S. Fitriana & N. Sumarni. 2010. Efektivitas Daun Jarak (*Jatropha curcass* Linn) Sebagai Anticacing *Ascaridia galli* dan Pengaruhnya terhadap Performa Ayam Buras. *Media Peternakan.* 33(2): 108-114.
- Swenson, M. J., & O. R. William. 1993. *Duke's Physiology of Domestic Animals*. Ed ke-11. Publishing Associates a Division of Cornell University, Ithaca and London.
- Tabbu, C.R. 2002. Penyakit Ayam dan Penanggulannya. Penerbit Kanisius. Yogyakarta.
- Tainter, D.R. and A.T. Grenis, 1993. Spices and seasonings : Cloves : P. 64-67.
- Tampubolon R. J. 2014. Efek Antelmintik Infus Buah Pinang (*Areca catechu* linn.) Terhadap *Ascaris Lumbricoides* dan *Ascaridia galli* secara *In vitro*. *Pharmacon*, 76-80.
- Tan Hoan Tjay dan Kirana Rahardja. 1993. Swamedikasi. PT. Elex Media Komputindo. Jakarta.
- Tando, Wita. 2013. Efek Daun Cengkeh (*Caryophylli Folium*) Sebagai Antelmintik Terhadap *Ascaris suum* *In Vitro*. thesis, Universitas Kristen Maranatha.
- Tarwiyah. 2001. Intensifikasi Ternak Ayam Buras. Deputi Menegristek Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan dan Teknologi. Jakarta.
- Taylor, M.A., Coop, R.L., dan Wall, R.L. 2007. *Veterinary Parasitology* third edition. Blackwell publishing, Iowa. 1086-1127, 1763-1764, 1776 1789, 1817-1820.
- Teixeira, M., Monteiro, J. P., Catenacci, L.S., Rodrigues, M.L.A., dan Sato, M.C.B. 2012. Ascaridiasis in Peafowl *Pavo Cristatus* (Phasianidae) Due to *Ascaridia galli* Schrank. *Journal of Zoo and Wildlife Medicine* 43 (3): 585-587
- Thomas, A.N.S. 2007. Tanaman Obat Tradisional. Yogyakarta: Kanisius, pp: 22-24.
- Tiwow D, Bodhi W, and Kojong NS (2013) *Uji efek antelmintik ekstrak etanol biji pinang (Areca catechu) terhadap cacing Ascaris lumbricoides dan Ascaridia galli secara in vitro*. *J. Ilmiah Farmasi UNSRAT.* 2 (2): 76-80.
- Ueda, H., A. Takagi, K. Katou, & S. Matsumoto. 2002. Feeding behavior in chicks fed tea saponin and quinine sulfate. *J. Poultry. Sci.* 39: 34-41.
- Ueda, H., K. Katou, & S. Matsumoto. 2004. Growth response and crop emptying in chicks force-feed diets containing various saponins. *J. Poultry Sci.* 41:298-306.

- Uhuo AC, Okafor FC, Odikamnoro OO, Onwe CS, Abarike MC, Elom JN. Common gastrointestinal parasites of local chicken (*Gallus domesticus*) slaughtered in some selected eatery centres in Abakaliki, Ebonyi State: Implication for meat quality. *Int J Dev Sustain* 2013; 2(2):1416–22.
- Ulupi, N., dan Ihwantoro, T.T. 2014. Gambaran darah ayam kampung dan ayam petelur komersial pada kandang terbuka di daerah tropis. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan*. 2(1): 219-223.
- Vargas-Magaña J J, J F J Torres-Acosta, A J Aguilar-Caballero, C A Sandoval-Castro, H Hoste, and J I Chan-Pérez 2014 Anthelmintic activity of acetone-water extracts against *Haemonchus contortus* eggs: Interactions between tannins and other plant secondary compounds. *Vet. Parasitol.* 206:322-332.
- Vercruysse J, M Albonico, J M Behnke, A C Kotze, R K Prichard, J S McCarthy, A Montresor, and B Levecke 2011 Is anthelmintic resistance a concern for the control of human soil-transmitted helminths. *Int. J. Parasitol. Drugs Drug Resist.* 1(1):14-27.
- Vernin G, E Vernin, J Metzger, L Pujol, and C Parkanyi 1994 *GC/MS analysis of clove essential oils. In Spices Herbs and Edible Fungi*. Amsterdam: Elsevier Science.
- Vo N N Q, E O Fukushima, and T Muranaka 2017 Structure and hemolytic activity relationships of triterpenoid saponins and sapogenins. *J. Nat. Med.* 71:50-58.
- Wahju, J. 1992. Ilmu Nutrisi Unggas. Cetakan ketiga. Gadjah Mada University Press, Yogyakarta.
- Waller PJ (1987). Anthelmintic resistance and future for roundworm control. *Veterinary Parasitology* 15 (2) : 177-191.
- Weiss. D.J and K.J. Wardrop. 2010. Schalm's Veterinary Haematology. Sixth edition. Willey Blackwell.
- Wijoyo, M. Padmiarso. 2008. Sehat Dengan Tanaman Obat. Jakarta: Bee Media Indonesia.
- Windari T. 2017. Peranan ekstrak bawang dayak (*Eleutherine palmifolia*) sebagai agen anti tukak lambung (*peptic ulcer*) pada Tikus Wistar (*Rattus norvegicus*) jantan yang diinduksi etanol. *Jurnal Pangan dan Agroindustri*, 5(1): 61-70.
- Yoriyo, K.P.; Adang, K.L.; Fabiyi, J.P. and Adamu, S.U. (2008). Helminth parasites of local chickens in Bauchi State, Nigeria. *Science World Journal*, 3 (2):35-37
- Yuliana, Nuraini dan Amiluddin Indi. 2017. Penampilan Produksi Ayam Kampung Yang Di Beri Jamu Ternak Melalui Air Minum. *JITRO* 4(2)
- Yunus, A.W., Nasir, M.K., Aziz, T., dan Bohm, J. 2009. Prevalance of Poultry Disease in District Chacwal and Their Interaction with Mycotoxycosis: 2. Effect Season and Feed. *The Journal Animal & Plant Sciences* 19 (1): 1 -5
- Zhong R Z, H X Sun, H W Liu, and D W Zhou 2014 Effects of tannin acid on *Haemonchus contortus* larvae viability and immune responses of sheaep white blood cells in vitro. *Parasite Immunol.* 36(2):100-106.
- Zulchi T.P.H., Nurul A.R. 2006. Pengaruh Berbagai Organ Tanaman Dan Lama Penyulingan Terhadap Kuantitas Dan Kualitas Minyak Atsiri Cengkeh (*Caryophyllus aromaticus*). Skripsi.