

**DAFTAR PUSTAKA**

- Ahmed, S.M., Swamy, V., Dhanapal, P.G.R and Chandrashekara, V.M. 2005. Anti-Diabetic Activity of *Terminalia catappa* Linn Leaf Extracts in Alloxan induced Diabetic Rats. *Iranian Journal of Pharmalogy and Therapeutics*. 4 (1): 36-39.
- Alfaida, Suleman, Samsurizal, M., Musdalifah, dan Nurdin. 2013. Jenis-jenis Tumbuhan Pantai di Desa Pelawa Baru Kecamatan Parigi Tengah Kabupaten Parigi Moutong dan Pemanfaatannya sebagai Buku Saku. *E-Jipbiol*. 1: 19-32.
- Ali, A. ; Akhtar, N. ; Khan, B. A. ; Khan, M. S. ; Rasul, A. ; Zaman, S.-U. ; Khalid, N. ; Waseem, K. ; Mahmood, T. ; Ali, L., 2012. *Acacia nilotica*: A plant of multipurpose medicinal uses. *Journal of Medicinal Plants Research*. 6 (9): 1492-1496.
- Al-Nasser, A.H., A. Al-Khalaifa, Al-Saffar, F. Khalil, M. Albahouh, G. Ragheb, A. Al-Haddad, and A. Mashaly. 2007 Overview of Chicken Taxonomy and Domestication. Kuwait: Kuwait institute for Scientific Research. *World's Poultry Science Journal*. 63(02): 285-300.
- Amalia, A. Sari, I. dan Nursanty, R. 2017. Aktivitas Antibakteri Ekstrak Etil Asetat Daun Sembung (*Blumea balsamifera* (L.) DC.) terhadap Pertumbuhan Bakteri Methicillin Resistant *Staphylococcus aureus* (MRSA). *Prosiding Seminar Nasional Biotik 2017*. ISBN: 978-602-60401-3-8.
- Aminah, Prayitno, S.P., dan Sarjito. 2014. Pengaruh Perendaman Ekstrak Daun Ketapang (*Terminalia cattapa*) terhadap Kelulushidupan dan Histologi Hati Ikan Mas (*Cyprinus carpio*) yang diinfeksi Bakteri *Aeromonas hydrophila*. *Journal of Aquaculture Management and Technology*. 3(4): 118-125
- Apperson, K.D., Bird, K.E., Cherian, G. and Lohr, C.V. 2017. Histology of the Ovary of the Laying Hen (*Gallus domesticus*). *Veterinary Sciences*. 4: 66.
- Arimbi., A. Azmijah, R. Darsono, H. Plumeriastuti, T.V. Widiyatno dan D. Legowo. 2015. *Buku Ajar Patologi Umum Veteriner Edisi 2*. Airlangga University Press. Surabaya. 99-152.
- Arne, P., D. Marc, A. Bree, C. Scholer, and M. D. Moulin. 2000. Increased Tracheal Colonization in Chicken Without Impairing Pathogenic Properties of *Avian Pathogenic Escherichia coli* MT78 with a fimH Deletion. *Avian Diseases*. 44: 343-345.

- Barnes, H.J. and Gross, W.B. 1997. *Colibacillosis. Dalam Disease of Poultry*. Calnek B W, HJ Barnes; CW Beard, MLR M Dougald, YM Saif (eds). Tenth Edition. Iowa State University Press, Ames, USA. Hal : 131- 139.
- Bisgaard, M. and Dam, A. 1981. Salpingitis in poultry. I. Prevalence, bacteriology and possible pathogenesis in egg-laying chickens. *Nordisk Veterinary Medicine*. 33: 81-89.
- Braganca, E.A. 2010. Identification of Avian pathogenic *E. coli* (APEC) genes important for the colonization of the chicken lung and characterization of the novel ExPEC adesin I. Dissertation. University of Humboldt, Berlin.
- Cavalieri, S.J., I.D. Rankin., R.J. Harbeck., R.S. Sautter., Y.S. McCarter., S.E. Sharp., J.H. Ortez., dan C.A. Spiegel. 2005. *Manual of Antimicrobial Susceptibility Testing*. USA: American Society for Microbiology.
- Cowan, M. 1999. Plant Product as Antimicrobial Agent, *Clinical Microbiology Reviews*. 4(12)564-582.
- Cushnie, T.P. and Lamb, A.J. 2006. Antimicrobial Activity of Flavonoids. *International Journal of Antimicrobial Agents*. 26: 343-356.
- Dadheech, T., Vyas, R., Rastogi, V. 2016. Prevalence, Bacteriology, Pathogenesis and Isolation of *E. coli* in Sick Layer Chickens in Ajmer Region of Rajasthan, India. *International Journal of Current Microbiology and Applied Sciences*.
- Dandjesso C, Klotoé JR, Dougnon TV, Sègbo J, Atègbo JM, Gbaguidi F. 2012. Phytochemistry and hemostatic properties of some medicinal plants sold as anti-hemorrhagic in Cotonou Markets (Benin). *Indian J Sci Technol*. 5(8):3105–9.
- Daniel, W.W. 1991. *Statistik Non Parametrik Terapan*. Ahli Bahasa: Alex Tri Kantjono. Penerbit PT. Gramedia. Jakarta. 272-275.
- Dho-Moulin, M. and Fairbrother, J.M. 1999. Avian pathogenic *Escherichia coli* (APEC). *Veterinary Research*. 30: 299-316.
- Dirgahayu, F.I. 2015. *Perbandingan Eksternal Telur Ayam Ras Strain Isa Brown dan Lohmann Brown [Skripsi]*. Fakultas Pertanian. Universitas Lampung. Bandar Lampung.
- Diwan, F.H., Abdel Hassan, I.A. and Mohammed, S.T. 2000. Effect of saponin on mortality and histopathological changes in mice. *Eastern mediterranean health journal*. 6(2):345-5.

- Dougnon, T.V., Tamègnon, V.D., Jean, R.K., Julien, S., Jean, M.A. and Aléodjrodo P.E. 2012. In vitro Hemostatis Activity Screening of Sap of *Jatropha Multifida* L. (Euphorbiaceae) Used in Traditional Medicine at Cotonoun (Benin). *Journal of Physiology and Pharmacology Advance*. 2(6) : 227-34.
- Dziva, F. And Mark, P.S. 2008. *Colibacillosis in Poultry: Unravelling The Molecular Basis of Virulence of Avian Pathogenic Escherichia coli in Their Natural Hosts*. United Kingdom: Division of Microbiology, Institute for Animal Health, Comton, Newbury, Berkshire.
- Ebrahimi-Nik, H. Bassami, M.R. Mohri, M. Rad, M. Khan, M.I. 2018. Bacterial ghost of avian pathogenic *E. coli* (APEC) serotype O78:K80 as a homologous vaccine against avian colibacillosis. *PLoS ONE*. 13(3): 1-16.
- Erik, F. O. and Salares, L. M. 2018. Phytochemical Screening and Antimicrobial Activity of *Terminalia catappa* L. Leaf Extract Against Potential Pathogens of Animals. *Journal of Science, Engineering and Technology*. 6:15-26.
- Evan, C., Miller, N. and Paganga, G. 2006. Structure-antioxidant Activity Relationships of Flavonoids and Phenolic Acids. *Free Radic Biol Med*. 10(1):933–56.
- Fadilah, R., dan Fatkhuroji. 2013. *Memaksimalkan Produksi Ayam Ras Petelur*. Agromedia Pustaka. Jakarta.
- Fernández, S.P., Wasowski, C., Loscalzo, L.M., Granger, R.E., Johnston, G.A., Paladini, A.C. and Marder, M. 2006. Central nervous system depressant action of flavonoid glycosides. *European journal of pharmacology*. 539(3):168-176.
- Filho, H.C.K. K.C.T. Brito, L.S. Cavalli and B.G. Brito. 2015. Avian Pathogenic *Escherichia coli* (APEC) - an update on the control. *Instituto de Pesquisas Veterinárias Desidério Finamor (IPVDF), FEPAGRO Saúde Animal*. 598-618.
- Gaib, L.A., Rahayu, M. dan Sukeksi, A. 2019. Pengaruh Ekstrak Daun Gedi Kering (*Abelmoschus manihot* L. Medik) terhadap Waktu Pembekuan Darah secara In Vitro Menggunakan Metode Modifikasi Lee and White. *Prosiding Mahasiswa Seminar Nasional Unimus*. 2:238-241.
- Ginns, C.A., et al. 2000. Colonization of the Respiratory Tract by a Virulent Strain of *Avian Escherichia coli* Requires carriage of a Conjugative Plasmid. *Infection and Immunity*, 3(68): 1535-1541.

- Gyles, C.L. 1983. *Escherichia coli* dalam Pathogenesis of Bacterial Infection in Animal. Gyles, C.L. and Thoen C.O. (eds). Second edition. Ames: Low a State University Press. Hal 164-187.
- Hariyani, N. C. 2015. Pengaruh Pemberian Ekstrak Meniran (*Phyllanthus niruri* Linn.) terhadap Gambaran Histopatologi Hepar Ayam Broiler yang Diinfeksi *Escherichia coli* [Skripsi]. Surabaya: Universitas Airlangga.
- Hidayat, S., dan Napitupulu, R.M. 2015. Kitab Tumbuhan Obat. Jakarta.
- Horhoruw, W.M. 2012. Ukuran Saluran Reproduksi Ayam Petelur Fase Pullet yang diberi Pakan dengan Campuran Rumput Laut (*Gracilaria edulis*). Agrinimal Jurnal Ilmu Ternak dan Tanaman. 2(2): 75-80.
- Huda, K., Lokapirnasari, W. P., Soeharsono, Hidanah, S., Harijani, N. dan Kurnijasanti R. 2019. Pengaruh Pemberian *Probiotik Lactobacillus acidophilus* dan *Bifidobacterium* terhadap Produksi Ayam Petelur yang Diinfeksi *Escherichia coli*. Jurnal Sain Peternakan Indonesia. 14(2): 154-160.
- Ilavarasan, R. Mallika, M. and Venkataraman, S. 2005. Anti-Inflammatory and Antioxidant Activities of *Cassia fitula* Linn Bark Extracts. Afr. J. Trad. CAM. 2(1): 70-85.
- John Anderson. 2011. Dept. of Animal Sciences, The Ohio State University.
- Johnson TJ, Siek KE, Johnson SJ, Nolan LK. 2006. DNA sequence of a CoIV plasmid and prevalence of selected plasmid-encoded virulence genes among avian *Escherichia coli* strains. J. Bacteriol. 188(2): 745-758.
- Kabir, S. M. L., 2010. Avian Colibacillosis and Salmonellosis: A Closer Look at Epidemiology, Pathogenesis, Diagnosis, Control and Public Health Concerns. International Journal of Environmental Research and Public Health.
- Kholkhlov, R.Y. 2008. Morphology of an Infundibulum of the oviduct of the sexually mature hens. International Journal of Morphology. 26: 883-86.
- Kinoshita, S., Inoue, Y., Nakama, S., Ichiba, T. and Aniya, Y. 2007. Antioxidant and Hepatoprotective Actions of Medicinal Herb, *Terminalia Catappa* L. From Okinawa Island and Its Tannin Corilagin. Phytomedicine. 14(11): 755-762.
- Klatoe, J.R., Dougnon, T.V., Sacramento, T.I., Dandjesso, C., Eдорh, A.P. and Koudokpon, H. 2012. Hemostatic Potential of The Sap of *Musa sapientum* L. (Musaceae). Journal of Applied Pharmaceutical Science. 02(06): 65-9.

- Knobl, T., Comes, T.A.T., Vieira, M.A.M., Bottino, J.A., and Ferreira, A.J.P. 2006. Occurance of Adhesin-encoding Operons in *Escherichia coli* Isolated from Breeder with Salpingitis and Chick with Omphalitis. *Braz J Microbiol* 3F:Without page.
- Konig, H.E., Korbelt, R. and Liebich, H.G. 2016. Avian Anatomy Textbook and Color Atlas. 2<sup>nd</sup> Edition. Veterinary Clinic Reference.
- Kumar, V., Abbas, A.K., Aster, J.C. 2015. Robbins Basic Pathology. 9th ed. Philadelphia: Elsevier. p.29-98.
- Kurahashi T and Fujii J. 2015. Roles of Antioxidative Enzymes in Wound Healing. *J Dev Biol*. 3(1):57–70.
- Kurnijasanti, R. and Putri, A.A. 2016. The Effects Of Banana Stem (*Musa paradisiaca* var. *sapientum*) Extract On Histopathologic Gastric Of Rats Induced by Indometachin. *Folia Medica Indonesian*. 52(4): 246-250.
- Kusriningrum, R. S. 2008. Perancangan Percobaan. Surabaya: Airlangga University Press.
- Kusriningrum, R. S. 2009. Buku Ajar Perancangan Percobaan, Fakultas Kedokteran Hewan Universitas Airlangga. Surabaya: Dani Abadi.
- Lay, B. W. and Hastowo. 1992. Mikrobiologi. Rajawali Press. Jakarta.
- Lee-Ann, N. C. 2019. Activity of Ethanol Extract of Ketapang Leaves (*Terminalia catappa*) as An Immunomodulator [Thesis]. Faculty of Veterinary Medicine. IPB University. Bogor.
- Lim, Suk Wun. 2019. Ethanolic Extract Of Catappa Leaves (*Terminalia catappa*) Lethal Dose (LD50) Acute Toxicity Test In Mice (*Mus musculus*) [Skripsi]. Faculty Veterinary Medicine. IPB University. Bogor.
- Malik, A. 2003. Dasar Ternak Unggas. Fakultas Peternakan Perikanan. Universitas Muhammadiyah Malang. Malang.
- Mansjoer, S. 1999. Mekanisme Kerja Obat Antiradang. *Media Farmasi Indonesia*. 7(1):34.
- Manzur, A., Raju, A., and Rahman, S. 2011. Antimicrobial Activity of Terminalia catappa Extracts against Some Pathogenic Microbial Strains. *Pharmacology & Pharmacy*. (2): 299-305
- Maurer J.J., T. P. Brown, W. L. Stffens and G. Thayer. 1998. The Occurrence of Ambient Temperature-regulated Adhesin, Curli, and Temperatur-sensitive Hemagglutinin TSH among Avian *Escherichia coli*. *Avian Diseases* (42):106-118.

- Nalbandov, A.V. 1990. Fisiologi Reproduksi pada Mamalia dan Unggas. Universitas Indonesia Press. Jakarta.
- Neldawati, Ratnawulan dan Gusnedi. 2013 Analisis Nilai Absorpsi dalam Penentuan Kadar Flavonoid untuk Berbagai Jenis Daun Tanaman Obat. *Pillar of Physics*. 2.: 76-83.
- Nijveldt, R.J., Nood, E., Hoorn, D.E.C., Boelens, P.G., Norren, K. and Leeuwen, P.A.M. 2001. Flavonoids: A Review of Probable Mechanisms of Action and Potential Applications. *The American Journal of Clinical Nutrition*. 74(4): 418-425.
- North, M.O., and Bell, D. 1990. Commercial Chicken Production Manual. United States of America (US): Incorporate.
- North, N. O. and Donald D. Bell. 1978. Commercial Chicken Production Manual. 2<sup>nd</sup> Edition. Avi Publishing Co. Inc, Connecticut
- Nuria, M.C., Faizaitun, A., and Sumantri. 2009. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Jarak Pagar (*Jatropha Curcas L*) Terhadap Bakteri *Staphylococcus Aureus* Atcc 25923, *Escherichia Coli* Atcc 25922, dan *Salmonella Typhi* Atcc 1408. *Mediagro*. 5(2):26–37.
- Ogunleye, A.O., M.A. Oyekunle, and A.O. Sonibare. 2008. Multidrug resistant *Escherichia coli* isolates of poultry origin in Abeokuta, South Western States of Nigeria. *Veterinarski Arhiv* 78(6): 501-509.
- Ojo O.O., Ajayi A.O. and Anibijuwon I.I. 2007. Antibacterial potency of methanol extracts of lower plants. *Journal of Zhejiang University SCIENCE B*. 8(3):189-191.
- Oliveira, A., R. Sereno., A. Nicolau., and J. Azeredo. 2008. The Influence of The Mode of Administration in The Dissemination of Three Coliphages in Chickens. *Journal of Poultry Science*. 88 : 728-733.
- Omer, A., U. Pascual and N. Russell. 2010. A Theoretical Model of Agrobiodiversity as A Supporting Service for Sustainable Agricultural Intensification. *Ecological Economics*. 69(10): 1926-33.
- Palombo, E.A. and S.J. Semple. 2001. Antibacterial activity of traditional medicinal plants. *J. Ethnopharmacol*. 77: 151-157.
- Pandya, B.N., Tigari, P., Dupadahali, K., Kamurthy, H., dan Nadendla. 2013. Antitumor and antioxidant status of *Terminalia catappa* against Ehrlich ascites carcinoma in Swiss albino mice. *Indian Journal of Pharmacology*. 45(5):464-469.

- Parto, P., Khaksar, Z., Akramifard, A. and Moghisi, B. 2011. The Microstructure of Oviduct in Laying Turkey Hen as Observed by Light and Scanning Electron Microscopies. *World Journal of Zoology*. 6 (2): 120-125.
- Parubak, A. S. 2013. Senyawa Flavonoid yang Bersifat Antibakteri dari Akway (*Drimys beccariana*.Gibbs). *Chemistry Progress* 6 (1): 34-37.
- Peighambari, S.M., Villiancourt, J.P., Wilson, R.A., and Cyles, C.L. 1995. Characteristic of *Escherichia coli* Isolates from avian Cellulitis. *Avian Dis.* 39: 116-124.
- Pelczar, M., Chan, E.C.S., and Pelczar, M.F.2008. Dasar-dasar Mikrobiologi, diterjemahkan oleh Bagian Mikrobiologi Fakultas Kedokteran Universitas Indonesia. Universitas Indonesia Press, Jakarta. 514-515.
- Pelegriani, D.D., Tsuzuki, J.K., Amado, C.A.B., Cortez, D.A.G. and Ferreira, I.C.P. 2008. Biological activity and isolated compounds in *Sapindus saponaria* L. and other plants of the genus *Sapindus*. *Latin American Journal of Pharmacy*. 27(6):922-927.
- Purwani, K. I., Alami, N. H., Nurhatika, S., Marcilia, N. S., and Arifiyanto, A. 2015. In Vitro Potential Test of Ketapang (*Terminalia catappa*) Leave Extract against *Aeromonas salmonicida*. *Journal of Applied Environmental and Biological Sciences*. 5(7): 1-6.
- Putri, P. R. T., Sukanata, I. W. dan Partama, I. B. G. 2017. Kelayakan Usaha Peternakan Ayam Ras Petelur. Fakultas Peternakan Universitas Udayana. 11-12.
- Quinn, P.J.; Markey, B.K.; Carter, M.E.; Donnelly, W.J.C.; Leonard, F.C. and Maguire, D. 2002. *Veterinary Microbiology and Microbial Diseases*. 1st published Blackwell Science ltd.
- Ramadhian, M.R., Soleha, T.U., R Hanriko, R. dan Azkia, H.P. 2017. Pengaruh Ekstrak Metanol Daun Ketapang (*Terminalia catappa* L.) Terhadap Kepadatan Serabut Kolagen pada Penyembuhan Luka Sayat Mencit (*Mus musculus*). *J AgromedUnila*. 4(1): 17-24.
- Rijayanti, R.P. 2014. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Mangga Bacang (*Mangifera foetida* L.) Terhadap *Staphylococcus aureus* secara In Vitro [Naska Publikasi]. Fakultas Kedokteran. Universitas Tanjungpura.
- Rinawati, dan Nanin. 2011. Daya Antibakteri Tumbuhan Majapahit (*Crescentia cujete* L.) terhadap Bakteri *Vibrio alginolyticus*. Jurusan Biologi Fakultas Matematika Ilmu Pengetahuan Alam Institut Teknologi Sepuluh November. Surabaya.

- Ramaditya, N.A., Besung, I.N.K. and Mahardika, I.G.N.K. 2019. Deteksi dan Sekuensing Gen *iroN*, *iutA*, dan *hlyF* pada *Avian Pathogenic Eschericia coli*. Buletin Veteriner Udayana. 11(2): 229-238.
- Robinson, F.E. and R.A. Renema. 2008. Female Reproduction: Control of Ovarian Function. Alberta Poultry Research Center, University of Alberta. Canada.
- Robinson, T. 1995. Kandungan Organik Tumbuhan Tinggi Edisi VI. Diterjemahkan oleh Kosasih Padmawinata. ITB. Bandung. 191- 216.
- Rodriguez KE, Giddings CW, Doetkott C, Johnson TJ, Nolan LK. 2005. Characterizing the APEC pathotype. Vet. Res. 36: 241–256.
- Rusdi, Udju, D. W. Widowati dan E.T. Marlina. 2007. Efek Ekstrak Kayu Secang, Vitamin E dan Vitamin C terhadap Status Antioksidan Total (SAT) pada Mencit yang Terpapar A flatoksin. Media Kedokteran Hewan. 21(2):66-68.
- Sabir, A. 2003. Pemanfaatan Flovanoid di Bidang Kedokteran Gigi. Dalam Majalah Kedokteran Gigi. Edisi Khusus Temu Ilmiah Nasional III. Surabaya : FKG Unair, 81 – 87.
- Salehi, M. and R. Ghanbarpour. 2010. Characterization of *Escherichia coli* Isolates from Commercial Layer Hens with Salphingitis. American Journal of Animal and Veterinary Sciences. 5(3): 208-214.
- Saputri, R.S. 2015. Pengaruh Penggunaan Daun Ketapang (*Terminalia Catappa*) Dengan Dosis yang Berbeda terhadap Kelulushidupan Benih Ikan Gurami (*Osphronemus Gouramy Lac.*) Ukuran 3-5 cm [Skripsi]. Fakultas Perikanan dan Ilmu Kelautan. Universitas Brawijaya. Malang.
- Sari, A.R. 2015. Pengaruh Ekstrak Daun Ketapang (*Terminalia catappa L.*) terhadap Pertumbuhan Bakteri *Propionibacterium acne* dan Pemanfaatannya sebagai Buku Nonteks [Skripsi]. Jember: Universitas Jember.
- Setiabudy, R.D. 2012. Hematosis dan Trombosis ed.kelima. Jakarta : Badan Penerbit FKUI. pp 1-8.
- Setiawati, T. Afnan, R. dan Ulupi, N. 2016. Performa Produksi dan Kualitas Telur Ayam Petelur pada Sistem Litter dan Cage dengan Suhu Kandang Berbeda. Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan. 4(1): 197-203.
- Shah B.N., Seth K., and Mheswari K.M. 2011. A review on medical plants as source of anti-inflammatory agents. Journal Research of Medicinal. 5(2):101- 111.



- Shashank, K. and Abhay, K. 2013. Chemistry and Biological Activities of Flavonoids: an overview. *Sci World J.* 4(2):32–48.
- Shivashankar, T.V., Sharma, A., and Grover, Y.P. 2010. Studies on different virulence factors in avian pathogenic *Escherichia coli*. *Haryana Vet.* 49: 45-47.
- Songer, J.G., and Post, K.W. 2005. *Veterinary Microbiology, Bacterial and Fungal Agent of Animal Disease*. North Carolina: Elsevier Saunders. hlm 223-226.
- Souza, G.F., Rocha, S.L.S., Lurian, T.Q., Borges, K.A., Salle, F.O., Moraes, L.B., Moraes, H.L.S. and Salle, C.T.P. 2016. Classification of Avian Pathogenic *Escherichia coli* by a Novel Pathogenicity Index Based on an Animal Model. *Acta Scientiae Veterinariae.* 44: 1347.
- Srinivasan, P. Balasubramaniam, G.A. Murthy, G. K.T.R. and Balachandran, P. 2014. Prevalence and Pathology of Oviduct Impaction in Commercial White Leghorn Layer Chicken in Namakkal Region of India. *Veterinary World.* 7: 553-558.
- Srinivasan, P. Balasubramaniam, G.A. Murthy, G. K.T.R. and Balachandran, P. 2014. Pathomorphological studies of polyserositis in commercial caged layer chicken. *Asian Pacific Journal of Tropical Medicine.* 7(1): 313-320.
- Sudarmono. 2003. *Pedoman Pemeliharaan Ayam Ras Petelur*. Kanisius. Yogyakarta
- Sumino, A. Supriyadi, dan Wardiyanto. 2013. Efektivitas Ekstrak Daun Ketapang (*Terminalia cattapa L.*) untuk Pengobatan Infeksi *Aeromonas salmonicida* pada Ikan Patin (*Pangasioniodon hypophthalmus*). *Jurnal Sain Veteriner* 31 (1): 79 – 88.
- Suprijatna, E., Umiyati A., dan Ruhyat K. 2008. *Ilmu Dasar Ternak Unggas*. Penebar Sawadaya. Jakarta.
- Suryani, A.E. Karimy, M.F. Istiqomah, L. Sofyan A., Herdian, H. dan Wibowo, M.H. 2016. Prevalensi Kolibasilosis pada Ayam Broiler yang Diinfeksi *Escherichia Coli* dengan Pemberian Bioaditif, Probiotik, dan Antibiotik. *Laaboratorium Mikrobiologi Fakultas Kedokteran Hewan Universitas Gadjah Mada. Bagian Pakan dan Nutrisi Ternak.* 17(2): 233–244.
- Susilorini, T.E., M.E. Sawitri, dan Muharliem. 2008. *Budidaya Ternak. 22 Ternak Potensial*. Penebar Swadaya. Jakarta.
- Tabbu, C.R. 2000. *Penyakit Ayam dan Penanggulangannya*. Kanisius, Yogyakarta. Vol 1, hal:31-51

- Tahseen, A. Oscar, J. and John, B. 2016. Avian Histopathology. 4th Edition. The American Association of Avian Pathologist.
- Tampemawa, P. V., Pelealu, J.J., Kandou F. E. F. 2016. Uji Efektivitas Ekstrak Daun Ketapang (*Terminalia catappa L.*) terhadap bakteri *Bacillus amyloliquefaciens*. Jurnal Farmasi Indonesia – Unsrat. V. 5(2):2302-2493.
- Tjitrosoepomo, G. 2007. Morfologi Tumbuhan. Yogyakarta: Gadjah Mada University Press.
- Van Den Bogaard, A.E. N. London, C. Driessen and E.E. Stobberingh. 2001. Antibiotic resistance of faecal *Escherichia coli* in poultry, poultry farmers and poultry slaughterers, J. Antimicrobial. Chemother., 47: 763-771.
- Vidotto M, Cacao CJM, Goes CR, Santos DS. 1991. Plasmid coding for aerobactin production and drug resistance is involved in virulence of *Escherichia coli* avian strains. J. Med. Biol. Res. 24: 677–685.
- Wahju. 2004. Ilmu Nutrisi Unggas. Yogyakarta: Universitas Gajah Mada Press.
- Whittam, T.S. Donnenberg, MS, 2011. Pathogenesis and evolution of virulence in enteropathogenic and enterohemorrhagic *Escherichia coli*, J.Clin Invest. 107;539-548.
- Wibowo, M.H., dan Wahyuni, A.E.T.W. 2008. Studi Patogenitas *Escherichia coli* Isolat Unggas pada Ayam Pedaging Umur 15 Hari. Jurnal Veteriner. 9(2): 87-93.
- Winarti, L., Fitriyani, A., Muslichah, S. dan Nuri. 2011. Uji Antiinflamasi Ekstrak Metanol Daun Sirih Merah (*Piper crocatum* Ruiz & Pav) pada Tikus Putih. Fakultas Farmasi Universitas Jember. Majalah Obat Tradisional. 16(1): 34- 42.
- Yuhernita dan Juniarti. 2011. Analisis senyawa Metabolit Sekunder dari Ekstrak Metanol Daun Surian yang Berpotensi Sebagai Antioksidan. Makara Sains. 15(1): 48-52.
- Yulida, E., Oktavianti, I.K. dan Rosida, L. 2013. Gambaran Derajat Infiltrasi Sel Radang dan Infeksi *Helicobacter pylori* pada Biopsi Lambung Pasien Gastritis di RSUD Ulin Banjarmasin Tahun 2009-2011. Berkala Kedokteran. 9(1):51-65.
- Yuniarsih, M. 2012. Uji Aktivitas Antidiabetes Ekstrak dan Fraksi Dari Ekstrak n-Heksana Buah Ketapang (*Terminalia catappa L.*) sebagai Inhibitor  $\alpha$ -Glukosidase dan Penapisan Fitokimia Dari Fraksi Teraktif [Skripsi]. Universitas Indonesia. Depok.
- Yuwanta, 2010. Dasar Ternak Unggas. Kanisius. Yogyakarta.