

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
	Pernakan Ramah Lingkungan (Green Livestock)		Tinggi (PTUPT), Ristekdikti
12.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
13.	Estimasi Sintesis Protein Mikroba Rumen Berdasarkan Ekskresi Derivat Purin dalam Urin dengan Metode Spot Sampling pada Domba Merino (Chusnul Hanim, Lies Mira Yusiati , Muhlisin)	2018	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT), Ristekdikti
14.	Kajian Senyawa Natural Bioactive dari Bungkil Jintan Hitam (<i>Nigella sativa</i> L.) dan Aplikasinya pada Pakan Untuk Pengembangan Pernakan Ramah Lingkungan (Green Livestock)	2018	Hibah Tematik Laboratorium, Fakultas Pernakan UGM
15.	Pengaruh Penambahan Limbah Pertanian Sebagai Sumber Malat Terhadap Kecernaan Secara In Vitro	2018	Hibah Pascasarjana, Fakultas Pernakan UGM
16.	Identifikasi Senyawa Galaktogog dan Imunomodulator untuk Sapi Perah Periode Perparturien dari Tanaman Legum	2018	Hibah Pascasarjana, Fakultas Pernakan UGM
17.	Estimasi Sintesis Protein Mikroba Rumen Berdasarkan Ekskresi Derivat Purin dalam Urin dengan Metode Spot Sampling pada Domba Merino (Tahun 1) (Anggota dari 3 Peneliti)	2017	Penelitian Fundamental, DIKTI
18.	Bioaktif Natural sebagai Feed Additive Pakan Ternak : Produksi dan Ekstraksi Bioaktif Natural sebagai Feed Additive Pakan Ternak Domba (Anggota dari 4 Peneliti)	2017	PUPT, DIKTI
19.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan (Anggota dari 4 Peneliti)	2017	PMDSU
20.	Pemanfaatan Ransum Basah (Moist Ration) Berbasis Fermentasi Bakteri Asam Laktat pada Pengembangan Ternak Ruminansia (Anggota dair 7 Peneliti)	2017	Calon Perusahaan Pemula Berbasis Teknologi (CPPBT)
21.	Metabolit Sekunder Tanaman sebagai Aditif Pakan: Pengaruh Minyak Asiri Nilam (<i>Pogostemon cablin</i> Benth.) dalam Fermentasi Rumen In Vitro (Anggota dari 6 Peneliti)	2017	Tematik Laboratorium Fak. Pernakan UGM
22.	Pengaruh Penambahan Minyak Kulit Biji Mete dalam Pakan terhadap Sintesis Protein Mikrobial Rumen dan Balans Nitrogen pada Kambing Bligon (Ketua dari 6 Peneliti)	2017	Hibah Pascasarjana Fak. Pernakan UGM
23.	Pola Pengembangan Agro Industri Kambing Bligon Berbasis Plasma Inti: Study Kelayakan Pembentukan Kawasan Ekonomi Berbasis Kambing	2016	PUPT DIKTI

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
	Bligon (Ketua dari 4 Peneliti)		
24.	Silase Total Campuran Konsentrat (STCK) Berbasis by Produk Industri Pangan: Rekayasa STCK dan Aplikasinya Terhadap Kinerja Anak Kambing, Induk dan Penggemukan Kambing Bligon (Anggota dari 3 Peneliti)	2016	HIKOM DIKTI
25.	Peran Metabolit Sekunder pada Ternak: Pengaruh Supages:lementasi Pakan dengan Minyak Essensial Pala (<i>Myristica fragans</i>) sebagai Sumber Antioksidan Terhadap Kualitas Daging Kambing (Anggota dari 7 Peneliti)	2016	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
26.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan (Ketua dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM

Community Service over the last 5 years

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Kampung Domba: Pengembangan Sentra Peternakan Domba untuk Meningkatkan Ekonomi Masyarakat Desa Kadilanggon, Kecamatan Wedi, Kabupaten Klaten	2020	Pemerintah Desa Kadilanggon, Wedi, Klaten
2.	Pengabdian Masyarakat Melalui Budidaya Ayam Petelur Umbaran untuk Menghasilkan Telur Fungsional di Pondok Pesantren Irsyadul Anam, Kiyudan, Selomartani, Kalasan, Sleman, Yogyakarta	2020	PT Widodo Makmur Unggas dan Lab. Biokimia Nutrisi Fak. Peternakan UGM
3.	Pengabdian kepada Masyarakat Berbasis Pengembangan Desa Binaan di Dusun Balak, Desa Pendoworejo, Kecamatan Girimulyo, Kabupaten Kulonprogo	2020	Persatuan Biokimia dan Biologi Molekuler Indonesia
4.	Pengabdian Masyarakat Melalui Budidaya Ayam Petelur Umbaran untuk Menghasilkan Telur Fungsional di Paguyuban Ibu-Ibu Dasawisma Dewi Sari, Buyutan, Gadingsari, Sanden, Bantul, Yogyakarta	2020	PT Widodo Makmur Unggas dan Lab. Biokimia Nutrisi Fak. Peternakan UGM
5.	Pengabdian Masyarakat Melalui Budidaya Ayam Petelur Umbaran untuk Menghasilkan Telur Fungsional di Pondok Pesantren IS ASWAJA Lintang Songo, Dusun Pagergunung, Piyungan, Bantul, Yogyakarta	2020	PT Widodo Makmur Unggas dan Lab. Biokimia Nutrisi Fak. Peternakan UGM
6.	Pengembangan Peternakan Ramah Lingkungan Menggunakan Teknologi Suplemen Pakan Berbasis Natural Bioaktif Tanaman Tropik di Kelompok Ternak Ayo Angon Dusun Buyutan, Desa Ngalang, Kecamatan Gedangsari Kabupaten Gunung Kidul	2020	Hibah Tematik Pengabdian Laboratorium Fakultas Peternakan UGM
7.	Hebatnya Mikrobial Ternak	2020	Fakultas Peternakan UGM

No.	Judul Kegiatan Activity Title	Tahun Year	Sumber Dana Source of Funds
8.	Narasumber Obrolan Peternakan dengan tema "Selayang Pandang Industri Perunggasan-Teknologi Pakan untuk Meningkatkan Kinerja Saluran Cerna Unggas"	2020	Fakultas Peternakan UGM
9.	The Prospect of Fat Bypass in Animal Production	2020	Fakultas Peternakan UGM
10.	PKM di Banyusoco Playen Gunung Kidul	2019	PKM Ristekdikti
11.	Penyuluhan Total Mixture Ration (TMR) Berbasis Fermentasi dan Pemberdayaan Kelembagaan Inti-Plasma Peternakan	2019	Fakultas Peternakan Universitas Gadjah Mada
12.	PkM Kelompok Ternak Berbasis Natural Methane Reducing (NMR) Di Desa Banyusoco Kecamatan Playen, Kabupaten Gunung Kidul	2018	Hibah Pengabdian Kepada Masyarakat Pengembangan Desa Binaan, Universitas Gadjah Mada
13.	Pembinaan KWT Gama Ngudi Lestari (Pemeliharaan Kambing Potong)	2018	Mandiri
14.	Penerapan Teknologi Fermentasi Pakan Hijauan sebagai Solusi Pemenuhan Kebutuhan Pakan Ternak Daerah Peri-Urban di Pondok Pesantren Irsyadul Anam, Kiyudan, Selomartani, Kalasan, Sleman, Yogyakarta	2018	Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM
15.	Demonstrasi Plot Manajemen Perkawinan dan Rekayasa Pakan pada Ternak Ruminansia untuk Menghasilkan Anak Kembar dan Sehat di Duwet Rejo Desa Karang Tengah Gunung Kidul	2017	TTG BOPTN
16.	Membangun Peternakan Hijau (Green Livestock Development) Bebas Senyawa Polutan: Sosialisasi Bahan Pakan Sumber Agensi Penurun Emisi Methan di Kelompok Wanita Tani Gama Ngudi Lestari Desa Banyusoco Gunung Kidul	2017	Hibah Tematik Laboratorium Fak. Peternakan UGM
17.	Pengenalan Metode Pengawetan Hijauan Pakan dengan Aplikasi Teknologi Fermentasi Berbasis Sumber Pakan Lokal kepada Paguyuban Kelompok Ternak Ruminansia Desa Triharjo, Pandak, Bantul	2016	Hibah Tematik Pengabdian Fakultas Peternakan
18.	Pentingnya Susu Pengganti (Milk Replacer) Berbasis Jamu dan Fermentasi BAL Unggul Susu Bubuk untuk Cempe Kembar	2016	Hibah Pengabdian Program Pascasarjana Fakultas Peternakan UGM

Important publications over the last 5 years

No.	Judul Publikasi Publication Title	Tahun Year	Penerbit Publisher
1.	Effect of addition cilembu sweet potato extract (<i>Ipomoea batatas</i> Cilembu) as a prebiotic source for the kinetics of	2021	IOP Conference Series: Earth and Environmental Science, 2021, 686(1), 012046

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	fermentation and lactic acid production by <i>Lactobacillus paracasei</i> (Swithenia, F., Bachruddin, Z., Kurniawati, A., Yusiati, L.M.)		
2.	Effect of yellow sweet potato extract (<i>Ipomoea batatas</i> L.) as a prebiotic source for the kinetics of fermentation and the production of lactic acid by <i>Lactobacillus paracasei</i> (Barus, W.L., Bachruddin, Z., Hanim, C., Yusiati, L.M.)	2021	IOP Conference Series: Earth and Environmental Science, 2021, 686(1), 012047
3.	Merino sheep nitrogen balance with the addition of mahogany leaves (<i>Swietenia mahagoni</i>) as tannins source in feed (Azizah, E.R., Hanim, C., Yusiati, L.M. , Kurniawati, A.)	2021	IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012014
4.	The effect of additional tannins source from Mahogany leaves (<i>Swietenia mahagoni</i>) to purine derivate excretion in urine and synthesis of rumen microbial protein of Merino sheep (Lestari, E.A., Hanim, C., Yusiati, L.M. , Kurniawati, A.)	2021	IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012062
5.	The effects of catfish oil supplementation as unsaturated fatty acid source on Bali cow gas production kinetics, dry matter digestibility, and organic matter digestibility in vitro (Cahyo, D.N., Yusiati, L.M. , Kurniawati, A., Hanim, C., Muhlisin)	2021	IOP Conference Series: Earth and Environmental Science, 2021, 637(1), 012058
6.	Total ammonia and N ₂ O emission characteristics from <i>Alcaligenes</i> sp. LS2T cultures and its application on laying hen manure associated with different pH conditions (Azkarahman, A.R., Erwanto, Y., Yusiati, L.M. , Widodo, W., Fitriyanto, N.A.)	2021	International Journal of Environment and Waste Management, 2021, 27(1), pp. 1–20
7.	Antioxidant effects of black garlic powder on spent duck meat nugget quality during storage (Tiara Uji LISHIANAWATI, Lies Mira YUSIATI, JAMHARI)	2021	Food Science and Technology, Ahead of Print, 2021: 1-8\ DOI: https://doi.org/10.1590/fst.62220
8.	The Effect of Bromelain from Pineapple (<i>Ananas comosus</i>) on Increasing Protein Digestibility of Milk Replacer for Lamb (Putriana, L., Bachruddin, Z., Hanim, C., Kurniawati, A., Yusiati, L.M. , Widayati, O.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012030
9.	Effect of Cinnamon Bark Meal (<i>Cinnamomun burmanni</i> Ness ex Bl) on in Vitro Methane Production and Rumen	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012027

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Methanogens Diversity (Hadianto, I., Yusiati, L.M. , Bachrudin, Z., Suhartanto, B., Hanim, C., Kurniawati, A.)		
10.	Methane Production and Methanogens Diversity in in vitro Ruminant Fermentation with Mahogany Leaves Meal (<i>Swietenia mahagoni</i>) as Tannin Source (Hasanah, C., Kurniawati, A., Yusiati, L.M. , Muhlisin,, Bachruddin, Z.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012089
11.	Heating Effect on Rumen Digestion of Protein Feeds Fermented by Lactid Acid Bacteria (Sanjaya, H.L., Bachrudin, Z., Kurniawati, A., Hanim, C., Yusiati, L.M.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012029
12.	Effect of (<i>Leucaena leucocephala</i>) Leaves as Tannin Source on Rumen Microbial Enzyme Activities and in Vitro Gas Production Kinetics (Mahanani, M.M.P., Kurniawati, A., Hanim, C., Anas, M.A., Yusiati, L.M.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012088
13.	Effect of Combination of Protected and Non-Protected Corn Oil Supplementation on in Vitro Nutrient Digestibility (Anam, M.S., Yusiati, L.M., Hanim, C., Bachruddin, Z., Astuti, A.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012026
14.	The Effect of Bromelain from Pineapple (<i>Ananas comosus</i>) on Increasing Protein Digestibility of Milk Replacer for Lamb (Putriana, L., Bachruddin, Z., Hanim, C., Kurniawati, A., Yusiati, L.M. , Widayati, O.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012030
15.	Effect of Cinnamon Bark Meal (<i>Cinnamomun burmanni</i> Ness ex Bl) on in Vitro Methane Production and Rumen Methanogens Diversity (Hadianto, I., Yusiati, L.M. , Bachrudin, Z., Suhartanto, B., Hanim, C., Kurniawati, A.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012027
16.	In vitro gas production kinetics as influenced by the combination of <i>Leucaenaleucocephala</i> , <i>Swietenia mahagoni</i> , and <i>Artocarpus heterophyllus</i> as a tannin source (Aanas, M., Muhlisin,, Bachruddin, Z., Yusiati, L.M.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 012036
17.	Effect of methionine supplementation on intestinal morphology in broilers infected with aflatoxicosis B1 (Anas, M.A., Yusiati, L.M. , Noviandi, C.T., Agus, A.)	2020	Livestock Research for Rural Development, 2020, 32(3)
18.	Improvement of ruminal feed fermentation by addition of eucalyptus based mix essential oil (Kurniawati, A., Wigati, D.N., Hasanah, C., Yusiati, L.M.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 425(1), 012086

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
19.	Nutrient digestibility on ruminal fermentation in vitro with addition of rumen modifier based on Clove (<i>Syzygium aromaticum</i> . L.) and Fennel (<i>Foeniculum vulgare</i> . Mill.) essential oil (Kurniawati, A., Saputra, W.E., Mahardillah, L., Hanim, C., Yusiati, L.M.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 425(1), 012085
20.	Study of Local Herb Potency as Rumen Modifier: Red Ginger (<i>Zingiber Officinale</i> Var. <i>Rubrum</i>) Addition Effect on In Vitro Ruminal Nutrient Digestibility (A Kurniawati, LM Yusiati , W Widodo, WT Artama)	2020	ANIMAL PRODUCTION 21 (1), 30-37
21.	Isolation and Identification of Lactic Acid Bacteria on Boiler Chicken (RE Mudawaroch, S Setiyono, LM Yusiati , E Suryanto)	2020	Elkawnie: Journal of Islamic Science and Technology 6 (2), 287-301
22.	The Use of Essential Oils as Rumen Modifier in Dairy Cows (DAR Daning, C Hanim, BP Widyobroto, LM Yusiati)	2020	WARTAZOA. Indonesian Bulletin of Animal and Veterinary Sciences 30 (4), 189-200
23.	Effect of Drying Method on Physical-Chemical Characteristics and Amino Acid Content of Tropical Alfalfa (<i>Medicago sativa</i> L.) Hay for Poultry Feed (Bambang Suwignyo, Anita Mustika, Kustantinah, Lies Mira Yusiati and Bambang Suhartanto)	2020	American Journal of Animal and Veterinary Sciences 2020, 15 (2): 118-122
24.	Survey of Aflatoxin B1 Contamination in Broiler Feed from Small-Scale Farms in Special Region of Yogyakarta, Indonesia (Muhsin Al Anas, Lies Mira Yusiati , Cuk Tri Noviandi, Ali Agus)	2020	Livestock Research for Rural Development Vol. 32 No. 4
25.	Identification of Glucogenic Amino Acids Content in <i>Gliricidia maculata</i> as an Alternative Energy Source for High-Yielding Periparturient Dairy Cows (Sulvia Dwi Astuti SW , Budi Prasetyo Widyobroto, Ali Agus , and Lies Mira Yusiati)	2020	Buletin Peternakan 44 (2): 15-19, May 2020 ISSN-0126-4400/E-ISSN-2407-876X http://buletinpeternakan.fapet.ugm.ac.id/ Penerbit: Fakultas Peternakan UGM
26.	Comparison of Nutrient Digestibility of Bligon and Kejobong Goats Fed by King Grass and Peanut Straw (Chusnul Hanim, Lies Mira Yusiati , I Gede Suparta Budisatria, and Fandi Widya Rachman)	2020	Buletin Peternakan 44 (1): 6-9, February 2020 ISSN-0126-4400/E-ISSN-2407-876X Doi:10.21059/buletinpeternak.v44i1.36229 http://buletinpeternakan.fapet.ugm.ac.id/

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			https://jurnal.ugm.ac.id/buletinpeternakan/article/view/36229/27150 Penerbit: Fakultas Peternakan UGM
27.	The Effect of Nutmeg Leaves Tannin (<i>Myristica fragrans</i> Houtt) as Protein Protecting Agents on In Vitro Nutrient Digestibility (Monica Canadianti, Lies Mira Yusiati , Chusnul Hanim, Budi Prasetyo Widyobroto, and Andriyani Astuti)	2020	Buletin Peternakan 44 (1): 10-14, February 2020 ISSN-0126-4400/E-ISSN-2407-876X Doi:10.21059/buletinpeternak.v44i1.47976 http://buletinpeternakan.fapet.ugm.ac.id/ https://jurnal.ugm.ac.id/buletinpeternakan/article/view/47976/27151 Penerbit: Fakultas Peternakan UGM
28.	Amomum compactum Soland ex Maton Addition as Essential Oil Source and Its Effect on Ruminal Feed Fermentation by in Vitro Analysis (Asih Kurniawati, Widodo, Wayan Tunas Artama, Lies Mira Yusiati)	2019	Journal of BIOTROPIA Vol 26 No. 1: 1-5
29.	Artificial Insemination on the Etawah Grade Goats Using Frozen Semen of Gembrong Goat (Bayu Andri Atmoko, Sigit Bintara, I Gede Suparta Budisatria, Dyah Maharani, Jafendi H P Sidadolog, Sumadi, Lies Mira Yusiati , and I Made Londra)	2019	KnE Life Sciences. Volume 2019: 149-155. The UGM Annual Scientific Conference Life Sciences 2016 25–26 October 2016. ISSN: 2413-0877. DOI 10.18502/cls.v4i11.3860
30.	Addition of Essential Oil Source, Amomum Compaction Soland Ex Maton, and Its Effect On Ruminal Feed Fermentation In-Vitro (Asih Kurniawati, Widodo, Wayan Tunas Artama, Lies Mira Yusiati)	2019	BIOTROPIA Vol. 26 No. 3 hal: 1-5
31.	Bacteriocin Activity of Lactic Acid Bacteria Isolated from Rumen Fluid of Thin Tail Sheep (Okti Widayati, Zaenal Bachruddin, Chusnul Hanim, Lies Mira Yusiati , Nafiatul Umami)	2019	Buletin Peternakan 43 (3): 158-165, August 2019
32.	Effect of Cashew Nutshell Oil Supplementation as Phenol Source for Protein Protection on In Vitro Nutrient Digestibility (Rahma Fitriastuti, Lies Mira Yusiati , Budi Prasetyo Widyobroto, Zaenal Bachruddin, Chusnul Hanim)	2019	Buletin Peternakan 43 (4): 225-230, November 2019
33.	Study of Local Herb Potency as Rumen Modifier: Red Ginger (<i>Zingiber officinale</i> Var. Rubrum) Addition Effect on In Vitro Ruminal Nutrien Digestibility (Asih	2019	Jurnal Animal Production Vol 21 No. 1 hal: 30-37 ISSN: 1411-2027

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Kurniawati, Lies Mira Yusiati, Widodo,Wayan Tunas Artama)		
34.	Parameter of ruminal feed fermentation in vitro with addition of clove essential oil (<i>Syzygium aromaticum</i> L.) as feed additive (Mulyandari, F., Yusiati, L.M., Kurniawati, A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012111
35.	Effect of protected and non-protected corn oil supplementation on in vitro rumen fermentation (Anam, M.S., Yusiati, L.M., Hanim, C.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012118
36.	Evaluation of rumen microbial nitrogen supply in Batur sheep fed different ratio of concentrate-forage diets (Hanim, C., Yusiati, L.M., Muhlisin)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012104
37.	The performance of biogas combustion after carbon dioxide absorption using sodium hydroxide (NaOH) (Pertiwiningrum, A., La'Aliya, I., Yusiati, L.M., Harto, A.W.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012051
38.	Identification of galactogogues in <i>Gliricidia maculata</i> (Astuti, S.D., Widyobroto, B.P., Agus, A., Yusiati, L.M.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012119
39.	Effects of cinnamon bark meal (<i>Cinnamomum burmanni</i> Ness ex Bl) as protein protection agent on in vitro rumen fermentation characteristic (Hadianto, I., Yusiati, L.M., Bachrudin, Z., Suhartanto, B., Hanim, C.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012060
40.	Biochemical and physical properties of goat feces liquid biofertilizer fermented with chicken excreta combination and different fermentation condition (Fitriyanto, N.A., Priyadi, D.A., Suranindyah, Y., Yusiati, L.M., Erwanto, Y., Kurniawati, N., Pertiwiningrum, A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012108
41.	The effect of aerated storage system and turmeric (<i>Curcuma longa</i> L.) addition on the quality of lactic acid bacteria fermented feed (Hardiansyah, D., Bachruddin, Z., Yusiati, L.M., Hanim, C., Astuti, A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012100
42.	Effect of cinnamon bark meal (<i>Cinnamomum burmanni</i> Ness ex Bl) addition as cinnamaldehyde source on in vitro nutrient digestibility (Hadianto, I., Yusiati, L.M., Bachruddin, Z., Suhartanto, B., Hanim, C.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012058
43.	Effect of banana and mango waste product as malic acid source on methane gas	2019	IOP Conference Series: Earth and Environmental Science,

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	production (Saputro, W.S., Hanim, C., Yusiati, L.M. , Bachruddin, Z., Pertiwiningrum, A.)		2019, 387(1), 012026
44.	Growth optimization of Bacillus subtilis 11A isolated from Indonesian native chicken (Gallus domesticus) for bacteriocin production (Cahya, V.A., Hanim, C., Yusiati, L.M. , Bachruddin, Z., Erwanto, Y.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012013
45.	Effect of Leucaena leucocephala substitution on in vitro rumen fermentation and methane emission in thin tailed-sheep (Muhlisin,, Yusiati, L.M. , Hanim, C., Anas, M.A., Muktiari, B.N.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012124
46.	The effect of protected soybean groats and lemuru fish oil supplementation in ration on performance of Ongole crossbred cows (Riyanto, J., Pramono, A., Aditya, D.V., Baliarti, E., Yusiati, L.M. , Widayati, D.T., Hartatik, T., Aryogi,, Pamungkas, D.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012096
47.	Combustion of Purified Biogas after Carbon Dioxide Absorption Using Sodium Hydroxide (Pertiwiningrum, A., La'aliya, I., Windiaka, B.U., Yusiati, L.M. , Harto, A.W.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 353(1), 012014
48.	Isolation And Identification Of Bacteriocin Producing Lactic Acid Bacteria From Rumen Fluid Of Thin Tail Sheep (O Widayati, Z Bachruddin, C Hanim, Lm Yusiati , N Umami)	2019	ON UNIVERSAL WELLBEING (ICUW 2019), 14
49.	In Vitro Digestibility and Rumen Fermentation Parameters of Feed as Affected by Teak Leaves Addition as Source of Tannin (Chusnul Hanim, Lies Mira Yusiati , Raditya Windar Anggoro)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 354
50.	The Estimation of Rumen Microbial Protein Synthesis Based on Urinary Purine Derivates Excretion of Bligon Goats Fed by Fermented Feed and Peanut Straw (Lies Mira Yusiati, Chusnul Hanim,, Zaenal Bachruddin, Annas)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 100
51.	Effect of Different Rumen Undegraded Protein Level on Feed Consumption, Nutrient Digestion, Body Weight and Body Condition Score in Early Lactating Dairy Cattle (Budi Prasetyo Widyobroto, Rochijan , Fajar Satrio and Lies Mira Yusiati)	2018	Online Journal of Biological Sciences Vol. 18 No. 2 Page 247-253
52.	Purification by Ion Exchange Chromatography and Enzyme Characterization of Potential De-Hairing	2018	Pakistan Journal of Biotechnology Vol. 15 No. 2 Page 413-421

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Alkaline Protease from <i>Bacillus cereus</i> LS2B (Yendri Junaidi, Ambar Pertiwiningrum, Yuny Erwanto, Jamhari, Lies Mira Yusiati , Takashi Hayakawa, Tomoyuki Nakagawa, Nanung Agus Fitriyanto)		
53.	Effects of Four Essential Oils on Nutrients Digestibility of In Vitro Ruminant Fermentation Effects of Four Essential Oils on Nutrients Digestibility of In Vitro Ruminant Fermentation (Asih Kurniawati, Widodo, Wayan Tunas Artama, Lies Mira Yusiati)	2018	Buletin Peternakan Vol. 42 No. 2 Hal. 122-126
54.	Persentase Hasil Sosis Ayam Fermentasi Probiotik dengan Berbagai Bahan Aditif pada Tahap Fermentasi dan Tahap Pengeringan (Roisu Eny Mudawaroch, Setiyono, Lies Mira Yusiati dan Edi Suryanto)	2018	Jurnal Riset Agribisnis dan Peternakan, Vol. 3 No.1 Halaman 51-56
55.	Bakteri Asam Laktat Kandidat Probiotik dari Daging Ayam Broiler Sebagai Starter Sosis Ayam Fermentasi (Roisu Eny Mudawaroch, Setiyono, Lies Mira Yusiati , dan Edi Suryanto)	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 242. ISBN: 978-979-1215-33-6
56.	Protein Binding Capacity of Different Forages Tannin (Yusiati, L.M. , Kurniawati, A., Hanim, C., Anas, M.A.)	2018	IOP Conference Series: Earth and Environmental Science, 2018, 119(1), 012007
57.	Study of Local Herb Potency as Rumen Modifier: The Effect of Red Ginger (<i>Zingiber officinale</i> Var. <i>Rubrum</i>) on Parameters of Ruminant Fermentation in Vitro (Kurniawati, A., Widodo, W., Artama, W.T., Yusiati, L.M.)	2018	IOP Conference Series: Earth and Environmental Science, 2018, 119(1), 012058
58.	Perubahan Warna Sosis Ayam Fermentasi Dengan Penambahan Nitrit dan <i>Lactobacillus fermentum</i> BR 17 (RE Mudawaroch, S Setiyono, LM Yusiati , E Suryanto)	2018	Jurnal Riset Agribisnis dan Peternakan 3 (2), 37-45
59.	Ability of Indigenous Microbial Consortium in the Process of Ammonia Oxidation of Livestock Waste	2017	Asian Journal of Animal Sciences Vol. 11 No. 2: 74-81, 2017. ISSN 1819-1878.

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			DOI: 10.3923/ajas.2017.74.81. Published by: Knowledgia Scientific.
60.	The Effect Additional of Sodium Carbonate as Buffer in Utilization of Tofu Byproduct Lactic Acid Bacteria Fermentation as Basal Ration on Rumen Fermentation Bligon Goat During Lactation	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 112-116. ISBN: 978-979-1215-29-9
61.	Nutritional Value and In Vitro Digestibility of Shrimp Waste Fermented with <i>Isoptericola</i> sp. A10-1	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 117-121. ISBN: 978-979-1215-29-9
62.	The Effect of Cumin (<i>Cuminum cyminum</i>) Addition as Source of Essential Oils on Nutrien Digestibility, VFA, Amonia and Methan Production	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 128-132. ISBN: 978-979-1215-29-9
63.	Cortisol Hormones Profiles of Repeat Breeding Local Cattle	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 799-803. ISBN: 978-979-1215-29-9
64.	Nitrogen Balance of Bligon and Kejobong Goat Fed King Grass and Peanut Straw	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 885-888. ISBN: 978-979-1215-29-9
65.	<i>Amomum compactum</i> Soland ex Maton Addition as Essential Oil Source and Its Effect on Ruminant Feed Fermentation	2017	1 st International Conference of Essential Oil (ICEO 2017), Oktober, 11-12, 2017. Malang – Indonesia
66.	Natural Feed Additive for Ruminant Production, Animal Products Quality and Green Environment	2017	Present at Griffith University Brisbane, Australia 10/18/2017
67.	The Effect of Bacteriocins Producing Mix culture of Lactic Acid Bacteria on	2017	International Ruminant Seminar, Universitas

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Staphylococcus. aureus and Escherichia. coli Growth		Diponegoro, Semarang, Indonesia, 24 October 2017
68.	Nutrient Intake and Digestibility in Merino Fed Peanut Straw	2017	International Ruminant Seminar, Universitas Diponegoro, Semarang, Indonesia, 24 October 2017
69.	Study of local herb potency as rumen modifier: The effect of Red Ginger (<i>Zingiber officinale</i> Var. <i>Rubrum</i>) on parameters of ruminal fermentation parameter in vitro	2017	International Ruminant Seminar, Universitas Diponegoro, Semarang, Indonesia, 24 October 2017
70.	Characterization of <i>Pseudomonas</i> sp. LS3K as nitrate removal agent at different C/N ratios under aerobic condition	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 99
71.	Penhanchment of In Vitro Digestibility of Palm Kernel Cake Using Cellulolytic Microbes from Rumen Fluid	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 120
72.	The Effect of Total Mixture Concentrate Based on Tofu Waste Silage as Basal Feed on Meat Quality of Thin-Tailed Sheep	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 121.
73.	Nitrogen balance of Bligon Goat reared by the women farmer group in Ketangi and Banyusoco Village, Gunungkidul, Yogyakarta Special Province	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 123
74.	Estimation of rumen microbial nitrogen supply based on purine derivatives excreted in the urine of kejobong and bligon goat fed on king grass and peanut straw	2017	Proceedings of The 5th International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017. Pages: 98-103. ISBN: 978-602-51437-0-0 eISBN: 978-602-51437-1-7
75.	Study of Local Herb Potency As Rumen Modifier: The Effect of Red Ginger Addition	2017	Present at The 5th International Seminar of

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	In Diet on In Vitro Ruminant Nutrient Digestibility		Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017
76.	Estimation of Rumen Microbe Protein Synthesis Based on Excretion of Urinary Purine Derivatives of Bligon Goat Fed Fermented Tofu Waste Supplemented NaHCO ₃ as Buffer	2017	Present at The 5th International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017.
77.	Improving Physicochemical Characteristic and Palatability of King Grass (<i>Pennisetum hybrid</i>) Silage by Inoculation of <i>Lactobacillus plantarum</i> - <i>Saccharomyces cerevisiae</i> Consortia and Addition of Rice Bran	2017	Buletin Peternakan Vol. 41 (1): 61-71, Februari 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i1.12980
78.	The Effect of Lactic Acid Bacteria and Different Level of Carbohydrate Sources Addition on Tofu Waste Industry Fermentation	2017	Buletin Peternakan Vol. 41 (3): 279-284 Agustus 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i3.23677
79.	Pengaruh Pemberian Isolat Bakteri Asam Laktat sebagai Inokulan terhadap Ketahanan Aerobisitas Fermentasi Total Campuran Konsentrat Berbasis Ampas Tahu (Penulis ke-4 dari 4)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 22-28
80.	Pengaruh Penambahan Bakteri Xilanolitik pada Fermentasi Limbah Padat Batang Aren (<i>Arenga pinnata</i> Merr.) terhadap Kecernaan Secara In Vitro (Penulis ke-2 dari 3)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 44-45
81.	Balans Nitrogen pada Kambing Bligon Betina yang Mendapat Pakan dengan Tambahan Vitamin E (Penulis ke-1 dari 5)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 77-78
82.	Potensi dan Produksi Hijauan Pakan Ternak di Lahan Pertanian Banyusoco Playen	2016	Prosiding Simposium Nasional Penelitian dan

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Gunung Kidul (Penulis ke-5 dari 9)		Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 82-93
83.	Perbedaan Profil Biokimia Darah pada Kambing Gembrong Fase Estrus dan Diestrus (Penulis ke-4 dari 8)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 169-172
84.	Effect of Kaempferia galanga L. on in Vitro Nutrients Digestibility, Ruminant Fermentation and Methane Production (Penulis ke-4 dari 4)	2016	The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
85.	Rumen Contents from Slaughter House as Alternative Feed for Replacing Forage in Ruminant Diets (Penulis ke-2 dari 4)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
86.	The Effect of Different Long-Term Storage with Rice Bran-Caco ₃ as Carrier of Aerobic Thermolignocellulolytic Inoculums as Starter on Fiber Compound Content of Fermented Rice Straw (Penulis ke-2 dari 4)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
87.	The Effects of Coconut Meat waste as Feed Alternative in Sheep Ration on Cholesterol Content and Meat Quality (Penulis ke-4 dari 4)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
88.	Estimation of Microbial Protein Synthesis Based on Excretion of Purine Derivate Using Spot Sampling Methode in Fat-Tail and Thin-Tail Sheep (Penulis ke-2 dari 5)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
89.	Digestibility and Nitrogen Balance of Male Bligon and Kejobong Goat Fed Peanuts Straw (Penulis ke-1 dari 3)	2016	Proceedings of The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25

No.	Judul Publikasi Publication Title	Tahun Year	Penerbit Publisher
			August 2016, Fukuoka, Japan
90.	The Comparison of Nutrient Digestibility of Bligon and Kejobong Goats Fed King Grass and Peanuts Straw (Penulis ke-2 dari 4)	2016	Proceedings The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress. 22-25 August 2016, Fukuoka, Japan. Pages: 890-902
91.	Purification and Characterization of Extracellular Alkaline Protease from <i>Bacillus cereus</i> LS2B (Penulis ke-3 dari 5)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
92.	The Effect of Level Vitamin E Addition in the Diet on Blood Profile of Bligon Goat (Penulis ke-1 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
93.	Shrimp Waste Fermentation by <i>Isoptricola</i> Sp. Strain A10-1 as Feed Compound for Improve Yield Carcas and Performance of Magelang Duck (Penulis ke-2 dari 6)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
94.	The Effect of Lactic Acid Bacteria and Different Level of Carbohydrate Sources Addition on Tofu Waste Industry Fermentation (Penulis ke-3 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
95.	Digestibility of peanut straw and concentrate with addition of vitamin E in Female Bligon Goat (Penulis ke-1 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
96.	Effects of Four Essential Oils on Nutrients Digestibility of in Vitro Fermentation with Ongole Crossbreed Cattle Rumens Liquor (Penulis ke-4 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
97.	Heterotropic and Aerobic Ammonium Removal in Wastewater by <i>Alcaligenes</i> Sp. LS2T (Penulis ke-3 dari 3)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
98.	Artificial Insemination on the Etawah Grade Does Using Frozen Semens of Gembrong Goat (Penulis ke-6 dari 8)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
99.	Sperm Quality of Gembrong Goat in Bali	2016	Proceedings of the 1 st UGM

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	before and after Freezing (Penulis ke-6 dari 8)		International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
100.	Pengaruh Suplementasi Probiotik Bakteri Asam Laktat terhadap Histomorfologi Usus dan Performan Puyuh Jantan (Penulis ke-3 dari 3)	2016	Buletin Peternakan Vol. 40 No. 2 (2016): 101-106. ISSN: 0126-4400
101.	Kualitas Nutrisi Ampas Kelapa (<i>Cocos nucifera</i> L.) Fermentasi Menggunakan <i>Aspergillus niger</i> (Nutritional Quality of Fermented Coconut Dregs using <i>Aspergillus niger</i>) (Penulis ke-3 dari 3)	2016	Buletin Peternakan 40 (1): 26 – 33. ISSN: 0126-4400
102.	Estimasi Sintesis Protein Mikrobial Rumen Menggunakan Ekskresi Derivat Purin dalam Urin dengan Teknik Spot Sampling pada Kambing Bligon dan Kambing Kejobong (Penulis ke-2 dari 3)	2016	Buletin Peternakan Vol. 40, No. 3 (2016):178-186. ISSN: 0126-4400

Courses

1. Biokimia Dasar
2. Mikrobiologi Dasar
3. Toksikologi Pakan
4. Enzimologi dan Teknologi Fermentasi
5. Mikrobiologi Ternak
6. Nutrisi Komparatif
7. Pengolahan Hasil Ternak Tropis Mutakhir
8. Teknik Penelitian Nutrisi dan Makanan Ternak
9. Instrumentasi Nutrisi dan Makanan Ternak
10. Teknologi Fermentasi dan Enzim
11. Pengembangan Pakan Fungsional

Achievements/Awards

No.	Prestasi/Penghargaan <i>Achievements/Awards</i>	Tahun <i>Year</i>
1.	-	-