

STAFF HANDBOOK

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 Post : Bioteknologi
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Research over the last 5 years

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Estimasi Sintesis Protein Mikrobia Rumen berdasarkan Ekskresi Derivat Purin dalam Urin dengan Metode Spot Sampling, Parameter Rumen Profil Darah pada Domba Garut Jantan dan Betina	2021	Rekognisi Tugas Akhir, UGM
2.	Isolasi, Identifikasi, dan Seleksi Bakteri Asam Laktat dan Bakteri Asam Asetat dari Sekum Kelinci dalam Mitigasi Produksi Methan pada Rumen	2021	Rekognisi Tugas Akhir, UGM
3.	Pengaruh Rasio Hijauan-Konsentrat Terhadap Kecernaan Nutrien , Keseimbangan Nitrogen Dan Sintesis Protein Mikroba Rumen Pada Domba Garut	2021	Hibah Tematik Laboratorium Fakultas Peternakan UGM
4.	Kajian Bakteri Asam Laktat Proteolitik Unggul dan Aplikasinya Pada Pengawetan dan Peningkatan Kualitas Protein Pakan	2020	Rekognisi Tugas Akhir, UGM
5.	Produk Suplemen Pakan (Multi Fungsional Feed Additive) untuk Meningkatkan Reproduksi Produktivitas dan Kualitas Produk Ternak	2020	Prioritas Riset Nasional, Kemenristekdikti
6.	Peranan Suplemen HQFS (High Quality Feed Supplement)-PRO untuk Perbaikan Status Reproduksi Sapi Potong	2020	PTUPT, PTNBH-Kemenristekdikti
7.	Kajian Senyawa Natural Bioactive Saponin dari Daun Kenikir (<i>Cosmos caudatus</i> Kunth) dan Aplikasinya untuk Mengurangi Perlemakan Daging Ayam dan Agensia Penurun Produksi Methan pada Peternakan Ramah Lingkungan	2020	Hibah Tematik Laboratorium Fakultas Peternakan UGM
8.	Kontribusi Ekskresi Basal Terhadap Total Eksresi Derivat Purin Dalam Urin Domba Garut Jantan dan Betina	2020	Hibah Pascasarjana Fakultas Peternakan UGM
9.	Pengaruh Penambahan Daun Mahoni (<i>Swietenia mahagoni</i>) sebagai Sumber Tanin terhadap Kecernaan Pakan, Ekskresi Derivat Purin dalam Urin dan Keseimbangan Nitrogen Domba Merino	2020	Rekognisi Tugas Akhir, UGM
10.	Isolasi, Optimasi dan Identifikasi Molekuler Bakteri <i>Bacillus</i> Indigenous Ayam Kampung Penghasil Bakteriosin serta Potensi sebagai Probiotik	2019	Program Rekognisi Tugas Akhir, UGM
11.	Estimasi Sintesis Protein Mikroba Rumen Berdasarkan Ekskresi Derivat Purin dalam Urin	2019	Penelitian Dasar Unggulan Perguruan

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
	dengan Metode Spot Sampling pada Domba Merino		Tinggi, Ristekdikti
12.	The GUSTOR® and essential oils influences small intestinal histology and growth performances in broiler	2019	Norel Nutrition, Spain
13.	Kajian Senyawa Natural Bioactive dari Buah, Biji dan Daun Pala (<i>Myristica fragrance</i>) dan Aplikasinya pada Peningkatan Kualitas Pakan dan Produktivitas Ternak	2019	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
14.	Pengaruh Umur Pemotongan <i>Cichorium intybus</i> yang Ditanam dalam <i>Pennisetum purpureum cv Mott</i> terhadap Pertumbuhan, Produksi, Kandungan Nutrien dan Kecernaan	2019	Hibah Pascasarjana Fakultas Peternakan UGM
15.	Estimasi Sintesis Protein Mikroba Rumen Berdasarkan Ekskresi Derivat Purin dalam Urin dengan Metode Spot Sampling pada Domba Merin	2018	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT), Ristekdikti
16.	Optimalisasi Potensi Sapi Jabres di Kawasan Sumber Bibit Kecamatan Bantarkawung, Kabupaten Brebes	2018	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT), Ristekdikti
17.	Kajian Senyawa Natural Bioactive dari Bungkil Jintan Hitam (<i>Nigella sativa L.</i>) dan Aplikasinya pada Pakan Untuk Pengembangan Peternakan Ramah Lingkungan (<i>Green Livestock</i>)	2018	Hibah Tematik Laboratorium, Fakultas Peternakan UGM
18.	Pengaruh Penambahan Limbah Pertanian Sebagai Sumber Malat Terhadap Kecernaan Secara In Vitro	2018	Hibah Pascasarjana, Fakultas Peternakan UGM
19.	Estimasi Sintesis Protein Mikroba Rumen Berdasarkan Ekskresi Derivat Purin dalam Urin dengan Metode Spot Sampling pada Domba Merino (Tahun 1)	2017	FUNDAMENTAL DIKTI
20.	Bioaktif Natural sebagai Feed Additive Pakan Ternak : Produksi dan Ekstraksi Bioaktif Natural sebagai Feed Additive Pakan Ternak Domba	2017	PUPT DIKTI
21.	Pemanfaatan Ransum Basah (<i>Moist Ration</i>) Berbasis Fermentasi Bakteri Asam Laktat pada Pengembangan Ternak Ruminansia	2017	Calon Perusahaan Pemula Berbasis Teknologi (CPPBT)
22.	Metabolit Sekunder Tanaman sebagai Aditif Pakan: Pengaruh Minyak Asiri Nilam (<i>Pogostemon cablin Benth.</i>) dalam Fermentasi Rumen In Vitro	2017	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
23.	Pengaruh Penambahan Teh Hijau (<i>Camellia sinensis</i>) dan Lama Penyimpanan Terhadap Total Mikroba, Aktivitas Antioksidan, Kualitas Kimia dan Fisik Sosis Domba	2017	Hibah Pascasarjana Fakultas Peternakan UGM

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
24.	Pengaruh Penambahan Minyak Kulit Biji Mete dalam Pakan terhadap Sintesis Protein Mikrobia Rumen dan Balans Nitrogen pada Kambing Bligon	2017	Hibah Pascasarjana Fakultas Peternakan UGM
25.	Pengaruh Perbedaan Umur Tanaman Karet terhadap Karakteristik Fermentasi Gulma	2017	Hibah Pascasarjana Fakultas Peternakan UGM
26.	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
27.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan (Anggota dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM

Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	The effect of hay alfalfa (<i>Medicago sativa</i> L.) supplementation in different basal feed on the feed intake (FI), body weight, and feed conversion ratio of hybrid ducks (B Suwignyo, E Suryanto, SIN Samur, C Hanim)	2021	IOP Conference Series: Earth and Environmental Science 686 (1), 012039
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> (WL Barus, Z Bachruddin, C Hanim , LM Yusiati)	2021	IOP Conference Series: Earth and Environmental Science 686 (1), 012047
3.	Growth and biomass production of chicory (<i>Cichorium intybus</i> L) planted in intercropping system with <i>Pennisetum purpureum</i> cv. Mott and cut at different ages (N Zaini, N Umami, C Hanim , A Astuti, B Suwignyo)	2021	IOP Conference Series: Earth and Environmental Science 667 (1), 012012
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 (EA Lestari, C Hanim , LM Yusiati, A Kurniawati)	2021	IOP Conference Series: Earth and Environmental Science 667 (1), 012062
5.	Merino sheep nitrogen balance with the addition of mahogany leaves (<i>Swietenia mahagoni</i>) as tannins source in feed (ER Azizah, C Hanim , LM Yusiati, A Kurniawati)	2021	IOP Conference Series: Earth and Environmental Science 667 (1), 012014
6.	The effects of catfish oil supplementation as	2021	IOP Conference Series: Earth

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	unsaturated fatty acid source on Bali cow gas production kinetics, dry matter digestibility, and organic matter digestibility in vitro (DN Cahyo, LM Yusiati, A Kurniawati, C Hanim)		and Environmental Science 637 (1), 012058
7.	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), 189-20
8.	Effects of Probiotic, Prebiotic, and Synbiotic Mixed Culture Based on Wheat Pollard on Productivity of Kampung's Chicken (CS Utama, Z Zuprizal, C Hanim , W Wihandoyo)	2020	Jurnal Ilmu Ternak dan Veteriner 25 (4), 196-205
9.	Nutrient content, fiber fraction and ethanol production of three cultivars (<i>Pennisetum purpureum</i> Scumach.) (N Umami, D Ananta, Z Bachruddin, B Suhartanto, C Hanim)	2020	E3S Web of Conferences 200, 03008
10.	Suplementation Alfalfa (<i>Medicago sativa</i> L.) in commercial feed on physic and chemical quality meat of hybrid duck (SA Addini, B Suwignyo, C Hanim)	2020	E3S Web of Conferences 200, 03012
11.	Processing of Mixed Culture Sinbiotics Originating from the Combination of Wheat Pollard as Prebiotics and Fermented Cabbage Juice as Probiotics through the Fermentation Process (CS Utama, Z Zuprizal, C Hanim , W Wihandoyo)	2020	Jurnal Aplikasi Teknologi Pangan 9 (3): 133-148
12.	The Effect of Bromelain from Pineapple (<i>Ananas comosus</i>) on Increasing Protein Digestibility of Milk Replacer for Lamb (L Putriana, Z Bachruddin, C Hanim , A Kurniawati, LM Yusiati, O Widayati)	2020	IOP Conference Series: Earth and Environmental Science 478 (1), 012030
13.	Effect of Combination of Protected and Non-Protected Corn Oil Supplementation on In Vitro Nutrient Digestibility (MS Anam, LM Yusiati, C Hanim , Z Bachruddin, A Astuti)	2020	IOP Conference Series: Earth and Environmental Science 478 (1), 012026
14.	Effect of (<i>Leucaena leucocephala</i>) Leaves as Tannin Source on Rumen Microbial Enzyme Activities and In Vitro Gas Production Kinetics (MMP Mahanani, A Kurniawati, C Hanim , MA Anas, LM Yusiati)	2020	IOP Conference Series: Earth and Environmental Science 478 (1), 012088
15.	Heating Effect on Rumen Digestion of Protein Feeds Fermented by Lactid Acid Bacteria (HL Sanjaya, Z Bachrudin, A Kurniawati, C Hanim , LM Yusiati)	2020	IOP Conference Series: Earth and Environmental Science 478 (1), 012029
16.	Effect of Cinnamon Bark Meal (<i>Cinnamomun burmanni</i> Ness ex Bl) on In	2020	IOP Conference Series: Earth and Environmental Science

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Vitro Methane Production and Rumen Methanogens Diversity (I Hadianto, LM Yusiati, Z Bachrudin, B Suhartanto, C Hanim , A Kurniawati)		478 (1), 012027
17.	The effect of turmeric (<i>Curcuma longa</i> L.) powder addition as natural antibiotic on the quality of milk replacer for lamb during storage (H Devi, Z Bachruddin, C Hanim)	2020	IOP Conference Series: Earth and Environmental Science 462 (1), 012009
18.	The Effect of Nutmeg Leaves Tannin (<i>Myristica fragrans</i> Houtt) as Protein Protecting Agents on In Vitro Nutrient Digestibility (M Canadianti, LM Yusiati, C Hanim , BP Widyobroto, A Astuti)	2020	Buletin Peternakan 44 (1): 10-14
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, WE Saputra, L Mahardillah, C Hanim , LM Yusiati)	2020	IOP Conference Series: Earth and Environmental Science 425 (1), 012085
20.	Physicochemical Properties, Oxidative Stability, and Sensory Quality of Lamb Sausage Added with Green Tea Leaves (<i>Camelia sinensis</i>) Powder (Lailatul P, Jamhari, Chusnul Hanim , Agung Irawan)	2020	Tropical Animal Science Journal, Volume 43(1), 2020: 57-63.
21.	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
22.	The Substitution Effects of Tapioca Starch and Beetroot Powder As Filler on the Physical and Sensory Characteristics of Chicken Sausage (Winy Swastike, Edi Suryanto, Rusman, Chusnul Hanim, Jamhari, Yuny Erwanto, Jumeri)	2020	Jurnal Ilmu dan Teknologi Hasil Ternak, July 2020 Vol. 15 No. 2 : 97-107
23.	Growth Performance of Broiler Chickens Fed Diets Containing <i>Amorphophallus companulatus</i> Fermented with <i>Bacillus subtilis</i> (Theresia Nur Indah Koni, Zuprizal, Rusman, Chusnul Hanim)	2019	Proceedings The 8th ISTAP International Seminar on Tropical Animal Production "Prospects and Challenges for Sustainable Tropical Animal Production Systems", September 23-25, 2019, Yogyakarta, Indonesia. Page 220-224. ISBN: 978-979-1215-37-4.
24.	Bacteriocin Activity of Lactic Acid Bacteria Isolated from Rumen Fluid of Thin Tail	2019	Buletin Peternakan 43 (3): 158-165

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Sheep (Okti Widayati, Zaenal Bachruddin, Chusnul Hanim , Lies Mira Yusiati, Nafiatul Umami)		
25.	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
26.	Pengaruh Lama Pemanasan terhadap Kualitas Kimia Wheat Pollard yang Berpotensi sebagai Prebiotik (CS Utama, Z Zuprizal, C Hanim , W Wihandoyo)	2019	Jurnal Aplikasi Teknologi Pangan 8 (3), 113-121
27.	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), 147
28.	Effect of Cashew Nutshell Oil Supplementation as Phenol Source for Protein Protection on In Vitro Nutrient Digestibility (R Fitriastuti, LM Yusiati, BP Widyobroto, Z Bachruddin, C Hanim)	2019	Buletin Peternakan 43 (4), 225-230
29.	Effect of banana and mango waste product as malic acid source on methane gas production (WS Saputro, C Hanim , LM Yusiati, Z Bachruddin, A Pertiwinigrum)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012026
30.	The effect of BAV addition as feed additive in laying hen ration on quality and chemical composition of egg (MA Anas, A Agus, C Hanim , HJ Babikian, B Jiaravanon)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012090
31.	Effect of cinnamon bark meal (Cinnamomum burmanni Ness ex Bl) addition as cinnamaldehyde source on in vitro nutrient digestibility (I Hadianto, LM Yusiati, Z Bachruddin, B Suhartanto, C Hanim)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012058
32.	Growth optimization of Bacillus subtilis 11A isolated from Indonesian native chicken (Gallus domesticus) for bacteriocin production (VA Cahya, C Hanim , LM Yusiati, Z Bachruddin, Y Erwanto)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012013
33.	Evaluation of rumen microbial nitrogen supply in Batur sheep fed different ratio of concentrate-forage diets (C Hanim , LM Yusiati)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012104
34.	Effect of Leucaena leucocephala substitution on in vitro rumen fermentation and methane	2019	IOP Conference Series: Earth and Environmental Science

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	emission in thin tailed-sheep (LM Yusiati, C Hanim , MA Anas, BN Muktiari)		387 (1), 012124
35.	The effect of aerated storage system and turmeric (<i>Curcuma longa</i> L.) addition on the quality of lactic acid bacteria fermented feed (D Hardiansyah, Z Bachruddin, LM Yusiati, C Hanim , A Astuti)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012100
36.	Effect of protected and non-protected corn oil supplementation on in vitro rumen fermentation (MS Anam, LM Yusiati, C Hanim)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012118
37.	The effect of addition of turmeric (<i>Curcuma longa</i> L.) on the rancidity process of concentrate feed based on lactic acid bacteria fermentation during aerobic storage (AW Pangistika, Z Bachruddin, A Kurniawati, R Utomo, C Hanim)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012099
38.	Effects of cinnamon bark meal (<i>Cinnamomum burmanni</i> Ness ex Bl) as protein protection agent on in vitro rumen fermentation characteristic (I Hadianto, LM Yusiati, Z Bachrudin, B Suhartanto, C Hanim)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012060
39.	Potential of atung seeds (<i>Parinarium glaberrimum</i> Hassk.) as a phytobiotic candidate in poultry ration based on nutrient composition, phytochemical and antibacterial properties (SCH Hehanussa, ND Dono, C Hanim)	2019	IOP Conference Series: Earth and Environmental Science 387 (1), 012072
40.	Bacteriocin Activity of Lactic Acid Bacteria Isolated from Rumen Fluid of Thin Tail Sheep (O Widayati, Z Bachruddin, C Hanim , LM Yusiati, N Umami)	2019	Buletin Peternakan 43 (3): 158-165
41.	Effect of Nano-encapsulation of Noni (<i>Morinda citrifolia</i>) Fruit Extract on Jejunal Morphology and Microbial Populations in Laying Hens (Zainal Choiri, N. Danar Dono, Bambang Ariyadi, Chusnul Hanim , Ronny Martien and Zuprizal)	2018	Pak. J. Nutr., 17 (1): 34-38, 2018
42.	Isolasi dan Identifikasi Bakteri Asam Laktat Selulolitik yang Berasal dari Jus Kubis Terfermentasi (CS Utama, Z Zuprizal, C Hanim , W Wihandoyo)	2018	Jurnal aplikasi teknologi pangan 7 (1): 1-6
43.	Probiotic Testing of <i>Lactobacillus brevis</i> and <i>Lactobacillus plantarum</i> from Fermented Cabbage Waste Juice (C.S. Utama, Zuprizal, Chusnul Hanim and Wihandoyo)	2018	Pakistan Journal of Nutrition Vol. 17 No. 7. Page 323-328.
44.	Protein binding capacity of different forages	2018	IOP Conference Series: Earth

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	tannin (LM Yusiati, A Kurniawati, C Hanim , MA Anas)		and Environmental Science 119 (1), 012007
45.	Growth and production of <i>Brachiaria brizantha</i> cv. MG5 in three difference regrowth phase treated by gamma radiation dose (AN Respati, N Umami, C Hanim)	2018	Tropical Animal Science Journal 41 (3), 179-184
46.	Nutrient intake and digestibility in Merino sheep fed peanut straw (C Hanim)	2018	IOP Conference Series: Earth and Environmental Science 119 (1), 012005
47.	Addition of Mineral Premix Enriched with 'BAV' Blend of Essential Oils in The Ration of Lactating Dairy Cattle on The Feed Intake, Body Weight and Milk Production (Ali Agus, Anas M.A., Hanim C. , Babikian H., Babikian Y., Jiaravanon B.)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 479. https://symposium.inra.fr/isnh2018 . Penerbit: Cambridge University Press
48.	Estimation of rumen microbial nitrogen supply using urinary purine derivatives excretion in merino sheep fed by peanut straw (Hanim C. , Yusiati L.M., Muhlisin)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 401. https://symposium.inra.fr/isnh2018 . Penerbit: Cambridge University Press
49.	The Effect of Lactose Level as Substrate to Bacteriocins Production on <i>Lactobacillus paracasei</i> Fermentation (Bachruddin, Z., Kurniawati, A., Yusiati, L.M., Hanim, C. & Marantika, Y.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 98
50.	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
51.	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
52.	Effect of 'BAV' Addition as Feed Additive	2018	E-Proceedings 18th AAAP

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	in Laying Hen Ration on Quality and Chemical Composition of Egg (Agus, A., Anas, M.A., Hanim, C.1, Babikian, H.J. & Jiaravanon, B.)		Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 426
53.	Ukuran Tubuh dan Pertumbuhan Pasca Sapih Sapi Jabres Jantan dan Betina Di Kecamatan Bantarkawung, Brebes, Jawa Tengah (Panjono, Siti Andarwati, Diah Tri Widayati, Chusnul Hanim , I Gede Suparta Budisatria, Dyah Maharani, dan Miftahush S. Haq)	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. 197-201. ISBN: 978-979-1215-33-6
54.	Physical and Organoleptic Quality of Pellet with Different Tubers Type as Binder (Penulis ke-2 dari 3)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 209-215. ISBN: 978-979-1215-29-9
55.	The Effect of Alfalfa Meal Supplementation in Concentrate on Feed Digestibility of Ettawa Crossbred Goat (Penulis ke-1 dari 3)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 97-102. ISBN: 978-979-1215-29-9
56.	The Use of Nano-Encapsulation of Morinda citrifolia Fruit Extract in Drinking Water as Phytobiotic Based Feed Additive in Laying Hens (Penulis ke-3 dari 5)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 235-239. ISBN: 978-979-1215-29-9
57.	The Effect of Fermentation on the Nutritional Content of Amorphophallus sp. as Poultry Feed (Penulis ke-4 dari 4)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 313-318. ISBN: 978-979-1215-29-9
58.	Isolation and Identification of Fungi Type From Juice of Cabbage Waste as Probiotic Agency (Penulis ke-3 dari 4)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia.

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			Pages: 324-328. ISBN: 978-979-1215-29-9
59.	Nitrogen Balance of Bligon and Kejobong Goat Fed King Grass and Peanut Straw (Penulis ke-2 dari 4)	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
60.	The Effect of Bacteriocins Producing Mix culture of Lactic Acid Bacteria on Staphylococcus. aureus and Escherichia. coli Growth (Penulis ke-4 dari 5)	2017	International Ruminant Seminar, Universitas Diponegoro, Semarang, Indonesia, 24 October 2017
61.	Nutrient Intake and Digestibility in Merino Fed Peanut Straw (Penulis ke-1 dari 3)	2017	International Ruminant Seminar, Universitas Diponegoro, Semarang, Indonesia, 24 October 2017
62.	Penhanchment of In Vitro Digestibility of Palm Kernel Cake Using Cellulolytic Microbes from Rumen Fluid (Penulis ke-1 dari 3)	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 120
63.	Nitrogen balance of Bligon Goat reared by the women farmer group in Ketangi and Banyusoco Village, Gunungkidul, Yogyakarta Special Province (Penulis ke-3 dari 5)	2017	The 2nd International Conference on Tropical Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 123
64.	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 (Penulis ke-2 dari 2)	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
65.	The Effect of Hibiscus Rosa-Sinensis L. Leaves as Defaunating Agent on In Vitro Gas Production of Feed(Penulis ke-1 dari 3)	2017	Proceedings of The 5th International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017. Pages: 164-170. ISBN: 978-602-51437-0-0 eISBN: 978-602-51437-1-7
66.	The Effect of Storage Duration and Method	2017	Present at The 5th

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	on Physical Quality of Pellet (Penulis ke-2 dari 3)		International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017.
67.	Nutrient Evaluation of Fermented Amorphophalus Campanulatus as Poultry Feed (Penulis ke-4 dari 4)	2017	International Journal of Poultry Science. p-ISSN 1682-8356 e-ISSN: 1682-8356. Online first. DOI: 10.3923/ijps.2017
68.	Nutritional Composition and Anti-Nutrient Content of Elephant Foot am (Amorphophallus campanulatus) (Penulis ke-3 dari 4)	2017	Pakistan Journal of Nutrition online first 2017. pISSN: 1994-7984 e-ISSN; 1680-5194. Published by: Asian Network for Scientific Information.
69.	Penggunaan Protease dalam Pakan yang Menggunakan Limbah Pertanian-Peternakan untuk Meningkatkan Kinerja Pertumbuhan Ayam Broiler (Penulis ke-3 dari 4)	2017	Buletin Peternakan Vol. 41 (3): 243-249, Agustus 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i3.10755
70.	Pengaruh Penambahan Bakteri Xilanolitik pada Fermentasi Limbah Padat Batang Aren (Arenga pinnata Merr.) terhadap Kecernaan Secara In Vitro (Penulis ke-1 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
71.	Balans Nitrogen pada Kambing Bligon Betina yang Mendapat Pakan dengan Tambahan Vitamin E (Penulis ke-3 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
72.	Potensi dan Produksi Hijauan Pakan Ternak di Lahan Pertanian Banyusoco Playen Gunung Kidul (Penulis ke-7 dari 9)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 82-93
73.	Improvement of Nutritional Value of Soybean Meal Fermented by Phytase-	2016	Proceedings of the 1 st UGM International Conference on

No.	Judul Publikasi Publication Title	Tahun Year	Penerbit Publisher
	Producing Bacteria from Tofu-Industry Waste Soil (Penulis ke-1 dari 3)		Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
74.	The Effect of Lactic Acid Bacteria and Different Level of Carbohydrate Sources Addition on Tofu Waste Industry Fermentation (Penulis ke-4 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
75.	Digestibility of peanut straw and concentrate with addition of vitamin E in Female Bligon Goat (Penulis ke-3 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
76.	Reproductive Performance of Jabres Cow at Ketanggungan District, Brebes Regency, Central Java Province, Indonesia (Penulis ke-3 dari 7)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
77.	The Comparison of Nutrient Digestibility of Bligon and Kejobong Goats Fed King Grass and Peanuts Straw (Penulis ke-1 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
78.	Digestibility and Nitrogen Balance of Male Bligon and Kejobong Goat Fed Peanuts Straw	2016	Proceedings The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress. 22-25 August 2016, Fukuoka, Japan. Pages: 896-899
79.	Estimation of Microbial Protein Synthesis Based on Excretion of Purine Derivate Using Spot Sampling Methode in Fat-Tail and Thin-Tail Sheep (Penulis ke-5 dari 5)	2016	Proceedings The 17 th Asian-Australasian Association of Animal Production Societies Animal Science Congress. 22-25 August 2016, Fukuoka, Japan. Pages: 881-884

Courses

1. Pengantar Bioteknologi
2. Biokimia Dasar
3. Mikrobiologi Dasar
4. Biokimia Ternak
5. Enzimologi dan Teknologi Fermentasi
6. Toksikologi Pakan
7. Mikrobiologi Ternak
8. Nutrisi Komparatif
9. Instrumentasi Nutrisi dan Makanan Ternak
10. Teknologi Fermentasi dan Enzim

11. Metabolisme Mikrobial
12. Kapita Selekta I
13. Kode etik dan etika profesi insinyur
14. Profesionalisme Keinsinyuran
15. Keselamatan, Kesehatan, Keamanan Kerja dan Lingkungan
16. Studi Kasus
17. Seminar, Workshop dan Diskusi
18. Praktek Keinsinyuran

Achievements/Awards

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