

# Dr. Ir. Nurzainah Ginting, M.Sc.

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*Dr. Ir. Nurzainah Ginting, M.Sc., lahir pada 12 Februari 1963 di Medan, merupakan seorang akademisi dan pakar di bidang Peternakan. Dengan dedikasinya terhadap pengembangan ilmu dan penelitian di bidang produksi ternak, Dr. Nurzainah telah membawa kontribusi berharga sebagai dosen di Universitas Sumatera Utara (USU).*

*Perjalanan pendidikan tingginya dimulai dengan meraih gelar sarjana (S1) di bidang Peternakan dari Institut Pertanian Bogor (IPB). Selanjutnya, Dr. Nurzainah mengejar gelar magister (S2) di Murdoch University, menambahkan dimensi internasional pada latar belakang pendidikannya. Puncak pendidikan formalnya dicapai dengan memperoleh gelar doktor (S3) dalam bidang Pengelolaan Sumber Daya Alam dan Lingkungan di Universitas Sumatera Utara pada tahun 2010.*

*Sebagai seorang dosen di Universitas Sumatera Utara, Dr. Nurzainah telah berperan aktif dalam mengembangkan pemahaman dan keterampilan mahasiswa di bidang peternakan. Keahliannya dalam produksi ternak tidak hanya tercermin dalam pengajaran, tetapi juga dalam penelitian yang aktif. Dr. Nurzainah telah berhasil membimbing mahasiswa dan menghasilkan penelitian yang memberikan kontribusi positif terhadap perkembangan ilmu peternakan.*

## Publications

2024

Jurnal nasional terakreditasi

### **Optimization of Fiber Digestibility and Methane Reduction with Gambier Leaf Extract from Pangkalan for Sustainable Ruminant Farming**

RONI PAZLA , ASMUDDIN NATSIR , RAHMAT HIDAYAT , NURZAINAH GINTING

2024

Jurnal nasional

### **Antibacterial Test of Dadih Against Pathogenic Bacteria and Its Effects on Native Chicken Immunity Organs**

YUNILAS , NURZAINAH GINTING

2026

Jurnal nasional

### **Eat Behavior Muara Goat (*Capra aegagrus hircus*) in the village of Batubinumbun, Muara, North Tapanuli Regency**

NURZAINAH GINTING

2018

Tulisan ilmiah

### **Analisa Ekonomi Pemanfaatan Sluri Gas Bio Imbangan Kotoran Kambing dan Ampas Tebu terhadap Produktifitas Pastura Campuran**

NURZAINAH GINTING

2021

Prosiding seminar internasional

### **Dilution of Biogas Bioactivator to enhance microbial growth**

HASNUDI , YUNILAS , NURZAINAH GINTING

2023

Jurnal internasional bereputasi

# Detection Identification and Evaluation of Cellulase Enzyme Activity of Cellulolytic Fungi from Pliek U as Cellulose Hydrolysis Agent in Feed

NURZAINAH GINTING , YUNILAS

2026

Jurnal nasional

## PERBAIKAN KUALITAS DADIH SUSU KERBAU MURRAH MENGGUNAKAN BAHAN KEMASAN: Improvement of Murrah Buffalo Milk Curd Quality Made by Material Packaging

NURZAINAH GINTING

2025

Jurnal nasional

## The Effect of Addition of Andaliman Fruit (*Zanthoxylum acanthopodium* dc) on Physical Quality and Organoleptic Testing of Buffalo Meat Sausage

NURZAINAH GINTING , TOMY FIGTER KARO KARO , FUAD HASAN

2025

Prosiding seminar internasional

## Effects of Breed, Body Condition Score (BCS) and Lactation on Milk Yield in Malaysian Dairy Buffaloes

NURZAINAH GINTING , D A S C Roi , N S Ibrahim

2022

Jurnal nasional

## Nutrition Content of Murrah Buffalo's Milk Curd By Using Lime Juice (*Citrus aurantifolia*)

NURZAINAH GINTING

2021

Prosiding seminar internasional

## Study on the General Regional Energy Planning of North Sumatra Province, Indonesia in terms of Biogas for Household Energy Demand

AHMAD PERWIRA MULIA TARIGAN , NURZAINAH GINTING

2020

Jurnal nasional

## Quality of Local Rams Meat Given Fermented Cassava Peel-Based Feed Using Local Microorganisms

NURZAINAH GINTING

2025

Jurnal nasional

## Nutritional Quality and Total Bacterial Colonies in Goat Milk Yoghurt-Based Ice Cream with the Addition of Salak Pondoh Puree (*Salacca Edulis* Reinw)

NURZAINAH GINTING , ACHMAD SADELI

2024

Jurnal nasional

## Anthelmintic Activity Test of Young Areca Nut (*Areca catechu* L.) Extract Against *Fasciola* sp. Worm Eggs in Goat Feces In Vivo

NURZAINAH GINTING

2021

Jurnal nasional

## Effect of Eco Enzymes Dilution on the Growth of Turi Plant (*Sesbania grandiflora*)

NURZAINAH GINTING

2026

Jurnal nasional

## PENGGUNAAN BUNGKIL INTI SAWIT YANG DIBERI HEMICELL DALAM RANSUM TERHADAP ENERGI METABOLISME RANSUM ITIK RAJA: Utilization of palm kernel cake which is mixed with hemicell in Ransum Duck Raja

NURZAINAH GINTING

2025

Jurnal internasional bereputasi

## **The role of dosage and regional origin of Gambir (*Uncaria gambir*) leaf extract in enhancing rumen fermentation and suppressing methane emissions**

NURZAINAH GINTING , RONI PAZLA , ASMUDDIN NATSIR , NOVIRMAN JAMARUN , RAHMAT HIDAYAT , MARDIATI ZAIN , URIP ROSANI , Antonius

2026

Jurnal nasional

## **PEMANFAATAN GAS BIO SEBAGAI SUMBER ENERGI PANAS DALAM PENETASAN TELUR AYAM KAMPUNG: Utilization of Bio Gas as a Source of Heat Energy for Kampung Chicken Hatching Eggs**

NURZAINAH GINTING

2025

Prosiding seminar internasional

## **Addition of *Weissella confusa* To Improve Dadih Quality as Probiotic Food**

NURZAINAH GINTING

2018

Prosiding seminar internasional

## **Sustainable brooder for supporting local chicken in North Sumatera Province, Indonesia**

NURZAINAH GINTING

2021

Prosiding seminar internasional

## **Study of the forming elements of utopia city in Medan to create a sustainable city (Case study of Medan Johor District)**

NURZAINAH GINTING

2026

Jurnal nasional

## **Utilization of Bio Slurry with Input of Buffalo Faeces and Water Hyacinth (*Eichornia crassipes*) With Various Doses of MOD (Microorganism Decomposer) on Productivity of**

NURZAINAH GINTING

2026

Jurnal nasional

## **PENGARUH CARA PENGOLAHAN TEPUNG IKAN DARI LIMBAH INDUSTRI PENGOLAHAN IKAN NILA TERHADAP ENERGI METABOLISME DAN RETENSI NITROGEN PADA AYAM: Influence Processing Of Tilapia Fish**

NURZAINAH GINTING

2026

Jurnal nasional

## **Analisis Usaha Pemanfaatan Tepung Ikan Pora-Pora (*Mystacoleucus padangensis*) Dalam Ransum Terhadap Itik Porsea**

NURZAINAH GINTING

2025

Jurnal internasional bereputasi

## **Enhancing Rumen Efficiency and Reducing Methane Emissions with South Sulawesi Seaweed as Feed Additives**

NURZAINAH GINTING , RONI PAZLA , ASMUDDIN NATSIR

2026

Jurnal nasional

## **Utilization of bio gas slurry and bio gas slurry enriched with goat urine fermented on plant height, leaf production and chemical compositions on *Indigofera zollingeriana***

NURZAINAH GINTING

2022

Jurnal nasional

# **Analysis of resource potential for cattle developing in Serdang Bedagai regency**

NURZAINAH GINTING

2025

Jurnal internasional bereputasi

## **Methane concentration, ruminal fermentation, digestibility, and microbial protein synthesis of beef cattle with the addition of various types of seaweed from West Java-Banten with different levels in the ration (in vitro)**

RAHMAT HIDAYAT , NURZAINAH GINTING , ASMUDDIN NATSIR , RONI PAZLA

2019

Jurnal internasional

## **Causing factors of declining trend on samosir panorusan goat population as endangered species in Samosir Island**

HASNUDI , NURZAINAH GINTING

2025

Jurnal internasional bereputasi

## **Enhancing Rumen Efficiency and Reducing Methane Emissions with South Sulawesi Seaweed as Feed Additives**

NURZAINAH GINTING , ASMUDDIN NATSIR , RONI PAZLA , RAHMAT HIDAYAT , ISMARTOYO , SYAKRIANI SYAHRIR

2021

Book chapter internasional

## **Managing Sustainable Universities During Covid-19 Pandemic**

NURZAINAH GINTING

2018

Prosiding seminar internasional

## **Integration of Kelor (Moringa oleifera) with Coffee Plantation to Fulfill Quality Forage for Livestock in Samosir Island**

NURZAINAH GINTING

2022

Jurnal nasional

## **Salmonella sp. and Escherichia coli Contamination on Beef from Slaughterhouse and Traditional Markets in Medan City**

NURZAINAH GINTING , USWATUN HASANAH

2022

Jurnal internasional

## **Dilution of Eco Enzyme and Antimicrobial Activity Against Staphylococcus aureus**

HASNUDI , YUNILAS , NURZAINAH GINTING

2026

Jurnal nasional

## **ANALISIS USAHA PEMANFAATAN KULIT DAGING BUAH KOPI FERMENTASI DENGAN MIKROORGANISME LOKAL DALAM PAKAN KERBAU MURRAH (Bubalus bubalis) JANTAN LEPAS SAPIH: The Economic Analysis**

NURZAINAH GINTING

2020

Prosiding seminar internasional

## **Biogas : Alternative energy on supporting environmentally coffee shop in Samosir Island**

NURZAINAH GINTING

2026

Jurnal nasional

## **PENGARUH RANTAI TATANIAGA TERHADAP EFISIENSI PEMASARAN DAGING SAPI DI KABUPATEN KARO (: The Influence of Chain Efficiency Marketing Beef Cattle in The Karo Regency**

NURZAINAH GINTING

2024

Prosiding seminar internasional

## **Probiotic ice cream from kefir culture with moringa leaves flour addition**

NURZAINAH GINTING , LIFIA SUCI JAYANA

2020

Prosiding seminar internasional

## **The use of cassava peel (Manihot utilissima) fermentation in the ration on the fat of local sheep**

NURZAINAH GINTING

2020

Prosiding seminar internasional

## **The Use of Fermented White Oyster Mushroom (Pleurotus ostreatus) Baglog Waste (BW) as Forage in Local Goat Feeding**

NURZAINAH GINTING , HAMDAN

2026

Prosiding seminar internasional

## **Training for Making a Portable Gas Container In Taduken Raga Biogas Group Sinembah Tanjung Muda Hilir Subdistrict Deli Serdang Regency**

NURZAINAH GINTING

2024

Prosiding seminar internasional

## **Isolation and characterization of chitosan from black soldier fly exuviae**

NURZAINAH GINTING

2018

Buku referensi

## **Pengelolaan Ternak Kambing dan Domba**

NURZAINAH GINTING

2026

Jurnal nasional

## **THE EFFECT OF USE DIFFERENT LEVEL BUFFALOS FERMENTED COMPOST ON THE PRODUCTIVITY AND QUALITY OF GRASS (PASPALUM CONJUGATUM, BRACHIARIA DECUMBENS, DIGITARIA MILANJIANA)**

NURZAINAH GINTING

2026

Jurnal nasional

## **PEMANFAATAN ENZIM PAPAIN KASAR DALAM UPAYA MENINGKATKAN KUALITAS DAGING KUDA TUA AFKIR DI KABUPATEN HUMBANG HASUNDUTAN: Utilization of Crude Papain Enzyme to Improve Quality**

NURZAINAH GINTING

2025

Jurnal nasional terakreditasi

## **Analysis of the Physicochemical Properties of Lanolin-Based Lipstick from Sheep Wool with Addition of Dragon Fruit Exocarp Extract (Hylocereus polyrhizus)**

NURZAINAH GINTING , RITA ROSMALA DEWI , APRIL MESRIANTI SUKATENDEL

2024

Jurnal nasional

## **Organoleptic Quality of Goat's Milk Ice Cream with the Addition of Moringa Leaf Flour (Moringa oleifera)**

NURZAINAH GINTING

2026

Jurnal nasional

## **EFEKTIVITAS KABISIDA EKSTRAK DAUN MIMBA (Azadirachta indica A. Juss) TERHADAPTUNGAU Sarcoptes scabiei INVITRO:**

## **In Vitro Study of Scabicide Effectiveness of Neem Leaves Extract**

NURZAINAH GINTING

2026

Jurnal nasional

## **ANALISIS USAHA PEMANFAATAN BIJI DURIAN SEBAGAI SUSTITUSI JAGUNG TERHADAP AYAM KAMPUNG DI KABUPATEN SERDANG BEDAGAI: Business Analysis Utilization of Durian Seed Flour as**

NURZAINAH GINTING

2020

Prosiding seminar internasional

## **Biogas: Alternative Energy on Supporting Environmentally Coffe Shop in Samosir island**

NURZAINAH GINTING

2024

Jurnal nasional terakreditasi

## **Antibacterial Activity of Eco Enzyme and Eco Enzyme with Acorus calamus Stem Against Contaminated Duck Eggs**

NURZAINAH GINTING , NUSAIBAH AZZAHIRAH

2024

Jurnal nasional

## **The Effectiveness of Eco Enzymes to Suppress the Development of Sarcoptes scabiei Mites In Vitro**

NURZAINAH GINTING

2021

Jurnal nasional

## **Effect of Fermentation Duration and Dosage of Eco Enzyme Use on Nutrient Content of Kepok Banana Stem (Musa Paradisiaca L.)**

NURZAINAH GINTING

2022

Jurnal nasional

## **Utilization of Fermented Golden Snail (Pomacea canaliculata) Flour with Eco Enzymes on Egg Production and Quail Egg Weight**

NURZAINAH GINTING

2020

Prosiding seminar internasional

## **Control of Escheichia coli with extract white onion (Allium sativum linn) and ginger (Zingiber officinale roscoe) on chicken carcass**

NURZAINAH GINTING , PENI PATRIANI

2026

Prosiding seminar internasional

## **Design of concrete waste basin in Integrated Temporarily Sanitary Landfill (ITSL) in Siosar, Karo Regency, Indonesia on supporting clean environment and sustainable fertilizers**

NURZAINAH GINTING

2026

Prosiding seminar internasional

## **Utilization of Bio Slurry with Input of Buffalo Faeces and Water Hyacinth (Eichornia crassipes) With Various Doses of MOD (Microorganism Decomposer) on Productivity of Kelor**

NURZAINAH GINTING

2023

Jurnal nasional

## **Analysis of Factors Influencing the Spread of Asian Swine Fever (ASF) Disease in Samosir District, North Sumatera Province**

NURZAINAH GINTING , ADE TRISNA

2024

Prosiding seminar internasional

## **The effect of papaya leaf meal on protein utilisation efficiency in broilers which affects the sustainability of poultry production**

RAVEN CHRISTONE , ADE TRISNA , ACHMAD SADELI , NURZAINAH GINTING , USWATUN HASANAH

2021

Jurnal nasional

## **Maggot Black Soldier Fly (*Hermetia illucens*) Nutritional Content Using Various Culture Media**

NURZAINAH GINTING

2014

Prosiding seminar internasional

## **Problem Solving on Rabbit Feed Cost and Cacao Plantation in North Sumatera Province By Utilizing Cacao Waste as a Substitution on Ricebran for Rabbit Ration**

NURZAINAH GINTING

2026

Jurnal nasional

## **Utilization of Bio Slurry with Input of Buffalo Faeces and Water Hyacinth (*Eichornia crassipes*) With Various Doses of MOD (Microorganism Decomposer) on Productivity of**

NURZAINAH GINTING

2018

Prosiding seminar internasional

## **Palatability test of fermented cassava waste biscuit; enriched with kelor leaf (*Moringa oliefera*) on dombos sheep**

NURZAINAH GINTING

2025

Prosiding seminar internasional

## **Regional Variation in Antinutrient Content of Gambir ( *Uncaria gambir*): Implications for Ruminant Feed Efficiency and Methane Reduction**

NURZAINAH GINTING , RONI PAZLA , ASMUDDIN NATSIR , RAHMAT HIDAYAT

2026

Tulisan ilmiah

## **Pemanfaatan Limbah pemotongan Hewan Yang Berkelanjutan**

NURZAINAH GINTING

2023

Jurnal nasional

## **Analysis of Factors Influencing Nematode Prevalence in Beef Cattle Faeces at Tanjung Morawa District**

NURZAINAH GINTING

2018

Prosiding seminar internasional

## **The use of cassava peel (*manihot utilissima*) fermentation in the ration on the fat of local sheep**

ISKANDAR SEMBIRING , NURZAINAH GINTING

2023

Prosiding seminar internasional

## **Dadih bamboo ampel (*bambusa vulgaris*) and bamboo gombong (*gigantochloa verticilata*) 2 and 3 days fermented : effect on salad dressing hedonic quality**

NURZAINAH GINTING

2023

Prosiding seminar internasional

## **The Study of Sustainable Biodesinfectants for Pig Farms in Samosir Island, Indonesia**

2024

Jurnal internasional bereputasi

## **Future of reproductive biotechnologies in water buffalo in Southeast Asian countries**

NURZAINAH GINTING

2021

Jurnal nasional

## **Eco-enzyme Disinfection in Pig Housing as an Effort to Suppress Esherechia coli Population**

HASNUDI , NURZAINAH GINTING , YUNILAS

2021

Jurnal nasional

## **The Effect of Sheep Feces Compost with Different Fertilization Doses and Intervals on the Productivity of Mixed Pastures (Clitoria ternatea and Brachiaria ruzizensis)**

NURZAINAH GINTING , YUNILAS

2022

Jurnal nasional

## **Nutrition Content of Murrah Buffalo's Milk Curd By Using Lime Juice (Citrus aurantifolia)**

NURZAINAH GINTING

2025

Jurnal nasional

## **Effect of Gelugur (Garcinia atroviridis) Acid Juices on pH and Organoleptic Test of Quail (Coturnix coturnix japonica) Meat**

NURZAINAH GINTING , USMAN BUDI

2026

Jurnal nasional terakreditasi

## **Organoleptic and Total Plate Count (TPC) Tests of Lanolin Lipstick Made from Sheep Wool with the Addition of Red Dragon Fruit (Hylocereus polyrhizus) Peel Extract**

NURZAINAH GINTING , RITA ROSMALA DEWI , DESSE MARTHA PARDOSI

2023

Prosiding seminar internasional

## **Bio-Disinfectant: A Sustainable Prevention on One Health Concepts in Indonesia**

NURZAINAH GINTING

2021

Jurnal nasional

## **Eco-enzyme Disinfection in Pig Housing as an Effort to Suppress Esherechia coli Population**

NURZAINAH GINTING

2020

Jurnal nasional

## **The Effect of Lemon (Citrus limon) as a Coagulant on Fresh Cheese Chemical Composition And Storage**

NURZAINAH GINTING

2023

Prosiding seminar internasional

## **Effect of incubation time of sago (Metroxylon sago) waste by local microorganism "Ginta" on pH, crude protein, and crude fiber content**

NURZAINAH GINTING

2020

Jurnal nasional

## **Papaya Leaf Flour and Turmeric Flour on the Broiler Carcasses**

NURZAINAH GINTING

2026

Jurnal nasional

### **Response of Fertilization with Goat Urine Fermentation Against the Growth of Leguminosa Indigofera (Indigofera zollingeriana) and Turi (Sesbania grandiflora) as animal feed**

NURZAINAH GINTING

2022

Jurnal nasional

### **Effect Of Fermented Rice Straw With Ecoenzymes On Digestibility of Dry Matter and Organic Matter In Local Sheep**

NURZAINAH GINTING

2021

Prosiding seminar internasional

### **Strategy formulation for increasing customer satisfaction based on service quality gap: a case study of branding coffee shop in Yogyakarta**

NURZAINAH GINTING

2026

Jurnal nasional

### **Utilization of Bio Slurry with Input of Buffalo Faeces and Water Hyacinth (Eichornia crassipes) With Various Doses of MOD (Microorganism Decomposer) on Productivity of Daun**

NURZAINAH GINTING

2023

Prosiding seminar internasional

### **The Use of Fermented White Oyster Mushroom (Pleurotus ostreatus) Baglog Waste (BW) as Forage in Local Goat Feeding.**

NURZAINAH GINTING

2026

Jurnal nasional

### **PEMANFAATAN JERAMI PADI FERMENTASI DENGAN PROBIOTIK STARBIO TERHADAP PERTUMBUHAN DOMBA JANTAN LOKAL: Utilization of Rice Straw Fermented by Probiotics Starbio on The Growth of**

NURZAINAH GINTING

2023

Jurnal nasional

### **Biogas Productivity Using Cow Feces Input and Palm Oil Empty Affluent Soaking Water**

NURZAINAH GINTING

2021

Jurnal internasional bereputasi

### **Effect of Various Doses of Local Microorganism Additives on Silage Physical Quality of Corn (Zea mays L.) Waste**

NURZAINAH GINTING

2019

Jurnal internasional

### **Biogas slurry application on Sesbania grandiflora: A microbial transportation to improve plant quality**

HASNUDI , NURZAINAH GINTING , YUNILAS

2025

Prosiding seminar internasional

### **Improving Ruminant Nutrition and Reducing Methane Emissions by adding Gambir Leaf Extract from Maek**

NURZAINAH GINTING , RONI PAZLA , ASMUDDIN NATSIR , RAHMAT HIDAYAT

2022

Jurnal nasional

## **Financial Analysis of the Utilization of Golden Snail Flour (*Pomacea canaliculata*) With Eco Enzyme Fermentation in Quail Ration**

NURZAINAH GINTING

2026

Jurnal nasional

## **PEMANFAATAN TEPUNG IKAN PORA-PORA (*Mystacoleucus Padangensis*) SEBAGAI SUBSTITUSI TEPUNG IKAN KOMERSIAL DALAM RANSUM TERHADAP PERFORMANS ITIK PORSEA: Utilization of Pora-Pora &#8230;**

NURZAINAH GINTING

2020

Jurnal nasional

## **Analysis of Factors Affecting Demand for Cattle Meat in the City of Padang Sidempuan**

NURZAINAH GINTING

2026

Jurnal nasional

## **ANALISIS FAKTOR-FAKTOR YANG BERPENGARUH TERHADAP KONSUMSI DAGING AYAM BROILER DI KABUPATEN PADANG LAWAS UTARA: DEMAND ANALYSIS FACTORS OF BROILER CHICKEN MEAT AT PADANG LAWAS &#8230;**

NURZAINAH GINTING

2025

Jurnal nasional

## **The Effect of Storage Duration and Soaking of Eggs Using Basil Leaf Solution (*Ocimum basilicum* L.) on Maintaining the Internal Quality of Duck Eggs (*Anas platyrhynchos domesticus*)**

NURZAINAH GINTING , YUNILAS , MUHAMMAD UMAR HAKIM , Syaheera N

2024

Jurnal nasional

## **Effect of *Moringa oleifera* L. Leaf Solution Concentration and Length of Storage on the Internal Quality of Duck Eggs (*Anas platyrhyncos domesticus*)**

NURZAINAH GINTING

2018

Prosiding seminar internasional

## **Non-Carcass Percentage of Local Sheep Fed Fermented Cassava Peel**

TRIWAHYUNI , ISKANDAR SEMBIRING , NURZAINAH GINTING

2026

Jurnal nasional

## **ESTIMATION OF GENETIC DISTANCE AND THE DISTINGUISHING FACTOR OF THE HORSES IN NORTH SUMATRA THROUGH MORFOMETRIC ANALYSIS**

NURZAINAH GINTING

2023

Prosiding seminar internasional

## **Comparison of isolate dadih with yeast dadih in improving nutrition quality of Cassava Waste (CW)**

NURZAINAH GINTING

2026

Jurnal nasional

## **PEMANFAATAN TEPUNG LIMBAH IKAN GABUS PASIR (*Butis amboinensis*) SEBAGAI PENGGANTI TEPUNG IKAN DALAM RANSUM TERHADAP KARKAS AYAM BROILER: The Utilization of Gabus Pasir Waste &#8230;**

NURZAINAH GINTING

2026

Prosiding seminar internasional

## **Benefits of using biogas technology in rural area: karo district on supporting local action plan for greenhouse gas emission reduction of north sumatera province 2010&#8211;2020**

NURZAINAH GINTING

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2025

Jurnal nasional

## **In Vitro Evaluation of Gambier Leaf Extract (Uncaria gambir Roxb.) from Pangkalan, West Sumatra, as a Natural Feed Additive to Improve Nutrient Digestibility in Ruminants**

NURZAINAH GINTING

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2026

Jurnal nasional

## **ANALISIS USAHA PEMANFAATAN TEPUNG IKAN PORA-PORA (Mystacoleucus padangensis) DALAM RANSUM TERHADAP ITIK PORSEA: Economic Analysis of Pora-Pora (Mystacoleucus padangensis) Fish**

NURZAINAH GINTING

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2021

Prosiding seminar internasional

## **Effect of Incubation Time of Sago (Metroxylon sago) Waste by Local Microorganism "Ginta" on ph, Crude Protein, and Crude Fiber Conten**

NURZAINAH GINTING

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2023

Prosiding seminar internasional

## **Activity Test of Binahong Leaf Extract (Anredera cordifolia (Ten.) Steenis) Against the Eggs of Ostertagia sp. In Peranakan Etawa Goats In Vivo**

NURZAINAH GINTING , USMAN BUDI

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2020

Prosiding seminar internasional

## **Biogas Technology on Supporting "Sustainable" Coffee Farmers in North Sumatera Province, Indonesia**

NURZAINAH GINTING

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2025

Jurnal nasional

## **Exploration of the Potential of Gambier Leaf Extract (Uncaria gambir Roxb.) from Sutera, Pesisir Selatan as a Feed Additive to Improve Fiber Digestibility and Suppress Methane Emissions of Ruminants**

NURZAINAH GINTING , RONI PAZLA , ASMUDDIN NATSIR , RAHMAT HIDAYAT , URIP ROSANI

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2026

Jurnal nasional

## **Effect of Fermentation Time and Starbio Bioactivator Type and Local Microorganism (MOL) on The Nutritional Quality of Cassava Tuber Skin (Manihot Utilisima)**

NURZAINAH GINTING

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2022

Prosiding seminar internasional

## **Biomethanization technology application on slaughterhouse in Indonesia**

NURZAINAH GINTING

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2022

Jurnal nasional

## **Salmonella sp. and Escherichia coli Contamination on Beef from Slaughterhouse and Traditional Markets in Medan City**

NURZAINAH GINTING

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2026

Jurnal nasional

# Pemanfaatan Sluri Gas Bio Campuran Kotoran Kambing dan Ampas Tebu Terhadap Pertumbuhan Pastura Campuran

NURZAINAH GINTING

2019

Prosiding seminar internasional

## Biogas slurry application on *Sesbania grandiflora*: A microbial transportation to improve plant quality

YUNILAS , NURZAINAH GINTING

2024

Jurnal nasional

## The Effect of Buffalo Milk Whey on Salmonella Populations in Chickens Infected with *Salmonella* sp.

NURZAINAH GINTING , MUHAMMAD KHAIRUL ARJUNA

2025

Jurnal internasional bereputasi

## Innovative Use of Endogenous Enzymes to Enhance Silage Chemical Quality of Corn Straw for Buffalo (*Bubalus bubalis*) Feed in Samosir Island

NURZAINAH GINTING

2022

Jurnal nasional

## Effect of Giving Fermented Gold Snail (*Pomacea canalicuta* L) Flour Using Eco Enzymes on Digestibility of Dry Matter and Organic Matter in Quail

NURZAINAH GINTING , ACHMAD SADELI

2026

Prosiding seminar internasional

## Biogas technology on supporting &#8220;sustainable&#8221; coffee farmers in North Sumatera Province, Indonesia

NURZAINAH GINTING

2023

Jurnal nasional

## Utilization of Biogas Slurry from Cow Faces and Palm Oil Empty Fruit Bunches Soaking Water on *Indigofera Zollingeriana* Productivity

NURZAINAH GINTING , ACHMAD SADELI , USWATUN HASANAH

2025

Jurnal internasional bereputasi

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## Utilization of Biogas Slurry from Cow Faces and Palm Oil Empty Fruit Bunches Soaking Water on *Indigofera Zollingeriana* Productivity

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Lactiplantibacillus plantarum JCM 1149 MEMAKAI SUSU KAMBING DAN  
BAMBU GOMBONG (*Gigantochloa verticillata*)**

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**METODE PEMBUATAN BIODESINFEKTAN UNTUK MENGENDALIKAN  
BAKTERI STAPHYLOCOCCUS AURA DI PERTERNAKAN KAMBING PERAH**

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Hasil penelitian/pemikiran yang tidak dipublikasikan

**Pemanfaatan Limbah pemotongan Hewan Yang Berkelanjutan**

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(*AGAVE SISALANA*)**

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