

Dr. Ir. Nurzainah Ginting, M.Sc.

Lecturer of Undergraduate Program in Animal Science Study Program
Faculty of Agriculture
Universitas Sumatera Utara

✉ nurzainah@usu.ac.id

🌐 fp.usu.ac.id/en/lecturer/nurzainah-ginting

Dr. Ir. Nurzainah Ginting, M.Sc., born on February 12, 1963 in Medan, is an academician and expert in the field of Animal Husbandry. With her dedication to the development of science and research in the field of livestock production, Dr. Nurzainah has brought valuable contributions as a lecturer at the Universitas Sumatera Utara (USU).

Her higher education journey began with a bachelor's degree (S1) in Animal Science from Bogor Agricultural University (IPB). Subsequently, Dr. Nurzainah pursued a master's degree at Murdoch University, adding an international dimension to her educational background. The culmination of her formal education was achieved by obtaining her doctorate (S3) in Natural Resources and Environmental Management at the Universitas Sumatera Utara in 2010.

As a lecturer at the Universitas Sumatera Utara, Dr. Nurzainah has played an active role in developing students' understanding and skills in animal husbandry. Her expertise in livestock production is not only reflected in teaching, but also in active research. Dr. Nurzainah has successfully mentored students and produced research that has positively contributed to the development of animal science.

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 Batubumbuhun, 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 Pliak 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 FIGHTER 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

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 Weissela 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's 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 Suistanable 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

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 a Substitute for Corn;

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 Substition 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

NURZAINAH GINTING

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 ruziziensis)

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 Coenzymes 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 …

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 …

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 platyrhynchos 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 …

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 2010–2020

NURZAINAH GINTING

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

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

2021

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

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

2020

Prosiding seminar internasional

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

NURZAINAH GINTING

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

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

2022

Prosiding seminar internasional

Biomethanization technology application on slaughterhouse in Indonesia

NURZAINAH GINTING

2022

Jurnal nasional

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

NURZAINAH GINTING

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 KHAIROL 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 “sustainable” 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

Future of reproductive biotechnologies in water buffalo in Southeast Asian countries

NURZAINAH GINTING

2017

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

NURZAINAH GINTING

2024

Prosiding seminar internasional

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

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

2023

Jurnal nasional

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

NURZAINAH GINTING , USWATUN HASANAH , ACHMAD SADELI

2020

Jurnal nasional

Coffe Coffee Seed Waste silage technology as goat feed in Tigapanah Sub-district, Karo regency

2026

Jurnal internasional

Benefits of using biogas technology in agricultural area in supporting organic fertilizer for local farmers in Karo district, North Sumatera Province, Indonesia

NURZAINAH GINTING

2019

Prosiding seminar internasional

Synergism of Cellulotic Bacteria in Consortium as Starter Culture Agent "MOIYL" for Fiber Feed

YUNILAS , TRIWAHYUNI , NURZAINAH GINTING

2018

Jurnal nasional

Effect of Fermentation Time and Starbio Bioactivator Type and Local Microorganism (MOL) "Ginta" on the Nutritional Quality of Cassava Tuber Skin (Manhot Utilisimai)

HASNUDI , NURZAINAH GINTING

2016

Prosiding seminar internasional

Biogas Productivity, Financial Analysis, Livestock Mix Pasture Influenced by Biogas Input and Slurry

NURZAINAH GINTING

2026

Jurnal nasional

The Utilization of Fermented Vegetable Waste on Dry Matter and Organic Matter Digestibility on Local Sheep Feed

NURZAINAH GINTING

2018

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 for farmers

NURZAINAH GINTING , AHMAD PERWIRA MULIA TARIGAN

Researches

2018

DAYA KECAMBAH, PRODUKTIFITAS DAN KAPASITAS TAMPUNG TANAMAN TURI (*Sesbania grandiflora*) MELALUI PEMANFAATAN SLURI GAS BIO DARI FESES KERBAU DAN ECENG GONDOK (*Eichhornia crassipes*) DI KABUPATEN SAMOSIR

NURZAINAH GINTING , YUNILAS

2017

PROBIOTIK PLIEK U SEBAGAI BIOAKTIVATOR PAKAN TERNAK BERBASIS LIMBAH SAWIT (SOLID)

NURZAINAH GINTING

2020

Pemanfaatan biodesinfektan sebagai sanitaiser untuk kandang babi

NURZAINAH GINTING , YUNILAS

2021

Eco-enzyme Disinfection in Pig Housingas an Effort to Suppress *Esherechia coli* Population

2023

Kerjasama Luar Negeri dan Publikasi Internasional

Pengaruh Penambahan Isolat Sinbiotik *Lactobacillus plantarum* dan Limbah Ubi Kayu terhadap Pertumbuhan, Organ Imun, Organ Pencernaan serta Total Mikroorganisme Pencernaan pada Ayam Broiler

NURZAINAH GINTING , YUNILAS

2018

Uji Nutrisi Dadih Susu Kerbau dan Susu Kambing dengan Menggunakan Bambu Ampel (*Bambusa vulgaris*) dan Bambu Gombong (*Gigantochloa verticillata*)

HASNUDI , NURZAINAH GINTING , ARMYN HAKIM DAULAY

2024

Pakan Suplemen Rumput Laut dan Gambir: Adaptasi dan Produktivitas Ternak

ASMUDDIN NATSIR , NURZAINAH GINTING , ISMARTOYO , SYAHRIANI , RONI PAZLA , RAHMAT HIDAYAT

2019

Efektifitas Penambahan Bioaktifator Asal Usus Ayam dan Limbah Buah terhadap Produksi dan Kecepatan Produksi Gas Bio

NURZAINAH GINTING , YUNILAS

Community Services

2013

Ipteks Bagi Inovasi Kreativitas Kampus

IbK COMPOST CENTRE UNIVERSITAS SUMATERA UTARA

2025

Ipteks Bagi Masyarakat

Penerapan Internet of Things (IoT) untuk Optimalisasi Pembuatan Pupuk Kompos dengan Metode Static Pile Composting pada Kelompok Usaha Bersama Tani Ternak Desa Tadukan Raga

NURZAINAH GINTING , EKO K SITEPU , RAHELIYA BR GINTING

2018

Pelatihan HMT Turi dan Kelor di Kampung Ternak Desa Bungo Tanjung, Kecamatan Barus Kab. Tapanuli Tengah

NURZAINAH GINTING , YUNILAS

Intellectual Property Rights

2018

Paten nasional

Metode Instalasi Biodigester Pada Daerah Dingin

NURZAINAH GINTING

2018

Hak cipta nasional

Inovasi Paket Biogas Portable

NURZAINAH GINTING

2018

Paten nasional

PROSES PEMBUATAN PROBIOTIK LOKAL YANG MENGANDUNG *Lactiplantibacillus plantarum* JCM 1149 MEMAKAI SUSU KAMBING DAN BAMBU GOMBONG (*Gigantochloa verticillata*)

NURZAINAH GINTING

2018

Paten nasional

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

NURZAINAH GINTING

2018

Hasil penelitian/pemikiran yang tidak dipublikasikan

Pemanfaatan Limbah pemotongan Hewan Yang Berkelanjutan

NURZAINAH GINTING

2018

Paten nasional

Proses Pembuatan Silase Jerami Jagung Untuk Pakan Kerbau Menggunakan Enzim Endogenous Yang Meningkatkan Kualitas Nutrisi Jerami Jagung

NURZAINAH GINTING

2018

Paten nasional

Proses Pembuatan Salep Penghambat Skabies Untuk Ternak Kambing

NURZAINAH GINTING

2018

Paten nasional

Metode Persemaian Biji Turi (*Sesbania grandiflora*) yang Mendukung Pertumbuhan Turi yang Berkelanjutan

NURZAINAH GINTING

2018

Paten nasional

METODE PENGAWETAN TELUR ITIK MENGGUNAKAN TANAMAN ALO ALO (AGAVE SISALANA)

NURZAINAH GINTING

2018

Hak cipta nasional

Optimalisasi Buah Jeruk Afkir Menjadi Produk Multiguna Di Desa Seribu Jandi

NURZAINAH GINTING
