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*Bachelor from Universitas Brawijaya*

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## Publications

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2025

Jurnal internasional bereputasi

### **Real-Time Assessment of Compost Maturity Using a Low-Cost CO2 Sensor: A Comparative Evaluation of Microbial Starters**

DIAN TRIA FATMILA , ACHMAD SADELI , LUKMAN HAKIM , ADRIAN HILMAN

2024

Prosiding seminar internasional

### **Use of a combination of cherry leaves (*Muntingia calabura*) and soursop leaves (*Annona muricata* L.) extract as antioxidants on broiler performance**

DIAN TRIA FATMILA , ACHMAD SADELI , NEVY DIANA HANAFI

2025

Jurnal nasional terakreditasi

### **Display of fresh semen quality, frozen semen production, and field fertility of Bali bulls (*Bos sondaicus*) in different season**

FUAD HASAN , DIAN TRIA FATMILA

2025

Jurnal nasional terakreditasi

### **Training on making organic fertilizer (bokashi) as an effort to improve the quality of sustainable plant production in the Taman Seribu Bunga Agrotourism**

DIAN TRIA FATMILA , KENNIE CENDEKIA DESNAMRINA , ADE TRISNA

2026

Prosiding seminar internasional

### **Chemical analysis of wheat flour substitution with porang (*Amorphophallus muelleri*) flour in Beef Nuggets: A preliminary study toward a sustainable gluten-free product**

ACHMAD SADELI , DIAN TRIA FATMILA , RADEN RORO IRDHINA MIRZA SAHIRAH

2024

Jurnal internasional bereputasi

### **Sperm HSP70: may not be an age-dependent gene but is associated with field fertility in Bali bulls (*Bos sondaicus*)**

BAMBANG PURWANTARA , Badan Riset dan Inovasi Nasional , Syahrudin Said , BERLIN P PARDEDE , DIAN TRIA FATMILA , JUDI

2025

Book chapter internasional

### **Biosecurity Strategies for Controlling Zoonotic Pathogens in Meat Production and Processing**

2025

Jurnal nasional

## **Effect of Virgin Coconut Oil as a Natural Additive on the Quality of Murrah Buffalo (Bubalus Bubalis) Liquid Semen Using Tris-Egg Yolk Extender**

KELVIN JONATHAN SIMANJUNTAK , ADE TRISNA , DIAN TRIA FATMILA

## **Researches**

2025

## **Efektivitas Penyemprotan Jus Bawang Batang Sebagai Antimikroba Alami dalam Peningkatan Kualitas Fisikokimia dan Mikrobiologi Daging Sapi Segar**

USWATUN HASANAH , DIAN TRIA FATMILA , PENI PATRIANI , KENNIE CENDEKIA DESNAMRINA

2024

## **Kajian Penyusunan Roadmap Pengembangan Ternak Unggulan Kabupaten Batu Bara Tahun 2025-2029**

ADE TRISNA , DIAN TRIA FATMILA , MARUF TAFSIN , FUAD HASAN

2025

Penelitian Dosen Pemula

## **Potensi Ekstrak Bunga Krisan (Chrysanthemum morifolium R.) dalam Pengencer Susu Skim- Kuning Telur: Upaya Peningkatan Kualitas dan Reduksi Stres Oksidatif pada Semen Kriopreservasi Sapi Pejantan**

ACHMAD SADELI , NURJAMA YAH BR KETAREN , DIAN TRIA FATMILA , TATI VIDIANA SARI , NICOLAUS SATOLI RAHMAT DAELI , NANDA FISTIKA SARI , BOY SEVRYANO SIDAURUK , STEFHANI ARDIANTI BR BARUS

2026

Penelitian Dosen Pemula

## **Profilisasi protein spermatozoa kambing Peranakan Etawa dalam Upaya Pemuliaan Presisi Kambing Perah Indonesia**

DIAN TRIA FATMILA , RAHMAT , A. NI'MAHTUL CHURRIYA , Athhar Manabi Diansyah

## **Community Services**

2024

Ipteks Bagi Masyarakat

## **Pelatihan Pembuatan Pupuk Organik (Bokashi) Sebagai Upaya Peningkatan Kualitas Produksi Tanaman yang Berkelanjutan pada Agrowisata Taman Seribu Bunga Bumdes Aarih Ersada**

ADE TRISNA , DIAN TRIA FATMILA , KENNIE CENDEKIA DESNAMRINA , WILLY CHRISTOFEL MARBUN , GERRY JEREMIA SIHOMBING , M. RAFFI AKBAR

2025

Ipteks

## **Pemanfaatan Limbah Pertanian Dan Feses Untuk Media Hidup Maggot (Hermetia Illucens) Sebagai Pakan Sumber Protein Hewani di Peternakan Arjuna Farm**

ADE TRISNA , DIAN TRIA FATMILA , YUNILAS , MHD. ADANAN PURBA , RHEYMITA ZALFA AFYIAH , RAMA DIRGANTORO , MUHAMMAD BAGAS ARDIAN NASUTION

2025

Ipteks

## **Pemanfaatan Limbah Organik sebagai Pupuk dan Pestisida Organik di Desa Bagerpang, Kecamatan Bangun Purba, Kabupaten Deli Serdang**

WIDA AKASAH , DIAN TRIA FATMILA , ANGGRIA LESTAMI , DIAN PEBRIYANI

