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# Table of contents

Volume 207

2018

◀ Previous issue      Next issue ▶

## 1st International Conference on Food and Agriculture 2018 20–21 October 2018, Bali, Indonesia

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The effects of different concentration of sucrose and various auxin on in vitro shoot and microtuber formation of red potato (*Solanum tuberosum*, L. var Desiree)

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The impact of land use changes on carrying capacity of Sampenan watershed in Bondowoso Regency



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Characterization of Morphology from Orchid Vanda sp. as a Genetic Information Source for Preservation and Agribusiness of Orchids in Indonesia

K Kasutjianingati and R Firgiyanto

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Mathematical Model of the Water Quality in Kalibaru Watershed

B Hariono, R Wijaya, M F Kurnianto, Sugiyarto, M J Wibowo and S Anwar

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Effect of ultraviolet and ultrasonic on potential antidiabetic activity of in vitro shoot cultures of *Orthosiphon aristatus*

D. Hunaefi, N.D. Yuliana, I. Smetanska and N. Gruda

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Determination of Water Quality Status of Stored Method in Tlogo Ampel Watershed

Saiful Anwar, M Joko Wibowo, Sugiyarto, Budi Hariono and Rizza Wijaya

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Determination of Agro-Industry Area Based on Cassava Commodity in Bondowoso Regency

D. Hermanuadi, A. Brilliantina and E.K. Novitasari

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Quality Improvement of Vannamei Shrimp Production Process Using ISO 9001:2015

R Iskandar, W Dhamayanthi and I A A Pongoh

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H Rujito, M M D Utami, Rizal and H Y Riskiawan



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Development of Agroindustry Based on Region Superiority in The Efforts to Accelerate Economic Growth in Arjasa District

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Effect of supplement Maggot Black Soldier Fly live on the percentage of carcass and weight of carcass of male Alabio ducks

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Body dimensions of primiparous Bali cattle (*Bibos sondaicus*) supplemented with concentrate at their first three month of pregnancy

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Increasing antioxidant activity of quail (*cortunix-cortunix japonica*) eggs with the addition of sweet flag (*acorus calamus*) powder as a feed additive

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The effect of adding probiotic *Saccharomyces cerevisiae* on dietary antibiotic-free on production performance and intestinal lactic acid bacteria growth of broiler chicken

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Addition garlic extract in ration on fat deposition of broiler

M M D Utami, D Pantaya, N Nofida, N H D Larasati and A Agus

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Antimicrobial activity of essential oil from Indonesian medicinal plants against food-borne pathogens

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Increasing of fish quality using ice-sterofoam container for paseban fisherman at Jember Regency East Java, Indonesia

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The Potency of betacyanins extract from a peel of dragon fruits as a source of colourimetric indicator to develop intelligent packaging for fish freshness monitoring

Ardiyansyah, Mulia W Apriliyanti, A Wahyono, M Fatoni, B Poerwanto and W Suryaningsih

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Utilization of edamame soybean (*Glycine max (L) Merril*) as modified of enteral formula high calories

A. Widiyawati and Y. Susindra

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Full Trap Method in Handling Warehouse Pests in Ledokombo, Jember

I Erdiansyah, F Mayasari, S U Putri, V Kartikasari and Eliyatiningssih

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Performance of Resistance of Rice Varieties Recommendation of Jember Regency to Brown Planthopper Pest (*Nilaparvata lugens Stal.*)

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Exploring the potency of gathotan and gathot as diabetes functional food: resistant starch analysis

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Antioxidant Activity, Total Phenol, and Sensory Properties of Melinjo Peel Tea with Pre-Treatment

M W Apriliyanti, M Ardiyansyah and A M Handayani

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The effect of blanching and drying temperature upon proximate composition of okra flour

R Rindiani, H Warsito and N Maria Rosiana

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Surimi from Freshwater Fish with Cryoprotectant Sucrose, Sorbitol, and Sodium Tripolyphosphate

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Determination of Water Content Of Intact Sapodilla Using Near Infrared Spectroscopy

Kusumiyati, Yuda Hadiwijaya and Ine Elisa Putri

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Improvement of Sensory and Chemistry Quality of Fried Edamame by Freezing

B Hariono, MF Kurnianto, A Bakri, M Ardiansyah and R Wijaya

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Utilization of different nitrogen sources for the growth of microalgae isolated from mangrove leaves in Banda Aceh - Indonesia

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Preparation and characterization of biodegradable film based on skin and bone fish gelatin

N Arpi, Fahrizal, Martunis and E Hardianti

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L Suriati, I G P Mangku and I N Rudianta

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Physical properties and cellular structure of bread enriched with pumpkin flour

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Formulation of Artificial Rice Cereal by using Fermentation of *L Plantarum* POLIJE 15420 for Diabetes Mellitus Patients

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Improving Soil Fertilizer Through Application of Organic Fertilizer Humid Acid and Mikoriza in Supporting Growth and Production of Chilli Plants In Sand Land

M Z Sukri, V K Sari and R Firgiyanto

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M Iqbal and M R Permadi

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Development of Low Cost Toxic Gas Explosive Modeling System using Wireless Array Sensor Network

D P S Setyohadi, H Y Riskiawan, S Kautsar and P Destarianto

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The Precision Agriculture Based on Wireless Sensor Network with MQTT Protocol

Y Syafarinda, F Akhadin, Z E Fitri, Yogiswara, B Widiawan1 and E Rosdiana

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An investigation of dummy load energy in gunung sawur 1 microhydro power plant - Lumajang East Java

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Bioethanol Production from Sugarcane Molasses with Simultaneous Saccharification and Fermentation (SSF) Method using *Saccharomyces cerevisiae-Pichia stipitis* Consortium

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A novelty design of GHG Emission Reduction Cost for the Province of Nusa Tenggara Timur, Indonesia: A quantitativebased scientific view

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Implementation microcontroller-based bioethanol levels measurement tool on bioethanol purification equipment

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Studies on inhibition of *Morinda citrifolia* leaf extract (*Morinda citrifolia L*) against the growth of *Aeromonas hydrophilla* in vitro

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Ethyl Acetate Fraction Of Secang As Anti Cervical Cancer By Inducing p53 and Caspase 9

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The Influence of Sediment Loads on the Irrigation Discharge in The Upstream and Downstream of the Major River in Banyuwangi Regency

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