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*Era Yusraini, S.T.P., M.Si., was born in Medan on January 23, 1976. She is a Food Technology lecturer at Universitas Sumatera Utara. She completed her last education at the master's level in Food Science at Bogor Agricultural University (IPB) in 2007.*

## Publications

2018

Jurnal nasional

**Uji Aktivitas Antioksidan pada Perbandingan Ekstrak Buncis (*Phaseolus vulgaris* L.) Ekstrak dan Daun Pandan Wangi (*Pandanus amaryllifolius* Roxb.) menggunakan metode frap (ferric reducing antioxidant power) (Analysis of Antidiabetic Activity in of Ratio of Bean (*Phaseolus vulgaris* L.) and Pandan Leaf (*Pandanus amaryllifolius* Roxb.) Extract Using FRAP (Ferric Reducing Antioxidant Power) Method)**

ERA YUSRAINI , HERLA RUSMARILIN

2018

Jurnal internasional

**Mannan extract from palm kernel cake to control *Salmonella thymipurium* in broiler chickens.**

MARUF TAFSIN , NEVY DIANA HANAFI , ERA YUSRAINI

2019

Jurnal nasional

**Pengujian Efek Hipokolesterolemia Minuman Rebusan Daun Salam yang Mengandung Ekstrak Kayu Manis secara In-vivo pada Tikus Percobaan (Testing The Hypocholesterol Effects of Drink of Boiled Bay Leaf Stew Containing Cinnamon Extract In-Vivo in Experimentals Rats)**

ERA YUSRAINI , ELISA JULIANTI

2020

Prosiding seminar internasional

**Molting mud crab (*Scylla serrata*) in the mangrove ecosystem service**

ERA YUSRAINI , MOHAMMAD BASYUNI , LOLLIE AGUSTINA P , INDRA LESMANA. S.PI M.SI

2024

Jurnal nasional terakreditasi

**The Effect of Manalagi Apple Peel Addition on the Quality of Celery Herbal Tea**

PUTRI AMINAH HARUM SARI SIREGAR , CHAROLYNE ANTONIA NAIBAHO , ERA YUSRAINI , HOTNIDA SINAGA

2013

Jurnal nasional

**Buah Terung Belanda dengan Kemasan Aktif Menggunakan Bahan Penjerap Oksigen, Karbondioksida, Uap Air dan Etilen**

ERA YUSRAINI , ELISA JULIANTI

2015

Jurnal nasional

**The Characteristic of Egg Replacer from Soy Protein Isolate, Whey Protein Isolate, Corn Starch, Potato Starch, Guar Gum, and Xanthan Gum (Karakteristik egg replacer dari isolat protein kedelai, isolat protein susu, pati jagung, pati kentang, guar gum, dan xanthan gum)**

ERA YUSRINI , ELISA JULIANTI

2007

Jurnal nasional

**Karakterisasi Proses Produksi Maltodekstrin dari Pati Pisang (Musa sp) Secara Enzimatis dengan alpha-amilase**

ERA YUSRINI

2013

Jurnal internasional bereputasi

**Preparation and partial characterization of low dextrose equivalent (DE) maltodextrin from banana starch produced by enzymatic hydrolysis**

ERA YUSRINI

2016

Jurnal nasional

**The effect of ratio of pineapple juice with katuk leaf juice and carrageenan concentration on the quality of jelly candy (Pengaruh perbandingan sari nenas dengan sari daun katuk dan konsentrasi karagenan terhadap mutu permen jelly)**

ERA YUSRINI , RONA JOHARMI NAINGGOLAN

2015

Jurnal nasional

**Preparation of Corn Milk Enriched with Germinated Mung Beans and Addition of CMC as Stabilizer (Pembuatan susu jagung dengan pengayaan kacang hijau bergerminasi dan penambahan CMC sebagai penstabil)**

ERA YUSRINI , HERLA RUSMARILIN

2015

Jurnal nasional

**Physicochemical and Functional Characteristics of Banana and Potato Starches With Heat Moisture Treatment (HMT) and Its Effect to The Change of Physical and Sensory Characteristics of Instant Potato Starch Bihoon (Karakteristik fisikokimia dan fungsional pati pisang dan pati kentang hasil heat moisture treatment (hmt) dan pengaruhnya terhadap sifat fisik dan sensori bihun instan pati kentang)**

ERA YUSRINI , HERLA RUSMARILIN

2018

Prosiding seminar internasional

**Nutrition quality of extraction mannan residue from palm kernel cake on brolier chicken**

NEVY DIANA HANAFI , ERA YUSRINI , MARUF TAFSIN

2025

Jurnal internasional bereputasi

**Roles of ohmic heating to achieve sustainable development goals in the food industry: From reduced energy consumption and resource optimization to innovative production pathways with reduced carbon footprint**

ERA YUSRINI

2021

Prosiding seminar internasional

**Utilization of purple sweet potato as a partial substitute glutinous rice flour in the ombus-ombus cake from North Tapanuli traditional food**

ERA YUSRINI , HOTNIDA SINAGA

2021

Prosiding seminar internasional

## **Effect of gelatine addition and storage time on the quality of semur seasoning pasta**

ERA YUSRINI , SENTOSA GINTING

2017

Jurnal internasional

## **Nutrition quality of extraction mannan residue from palm kernel cake on brolier chicken**

EMMY KEJORA , MARUF TAFSIN , NEVY DIANA HANAFI , ERA YUSRINI

2016

Jurnal nasional

## **Study on the Making of Fermented Taro Crackers (Studi pembuatan kerupuk tape umbi talas)**

ZULKIFLI LUBIS , ERA YUSRINI

2019

Jurnal nasional terakreditasi

## **The Effect of Addition of Pridot Leaf Extract and Juice of Red Watermelon Albedo on Carbonated Coconut Drink of Blood Glucose Levels of Mice**

ERA YUSRINI , ELISA JULIANTI

2020

Prosiding seminar internasional

## **Financial analysis of pidada syrup (Sonneratia caseolaris)**

ERA YUSRINI , MOHAMMAD BASYUNI , INDRA LESMANA. S.PI M.SI , LOLLIE AGUSTINA P

2016

Jurnal nasional

## **The Effect of Concentration of Sugar and pH on the Quality of Nata de Yammy from Yam Starch Waste Liquid (Pengaruh konsentrasi gula dan ph terhadap mutu nata de yammy dari limbah cair pati bengkuang)**

ERA YUSRINI , HERLA RUSMARILIN

2018

Jurnal nasional

## **Pengaruh Jenis dan Konsentrasi Bahan Pencegah Pencokelatan terhadap Karakteristik Fisikokimia dan Fungsional Tepung Ubi Jalar Ungu**

ERA YUSRINI , ELISA JULIANTI

2017

Jurnal nasional

## **Pengaruh Perbandingan Bubur Mentimun dengan Bubur Brokoli dan Persentase Gum Arab terhadap Mutu Vegetable Leather (The Effect of Ratio of Cucumber Porridge With Broccoli Porridge and Percentage of Arabic Gum on The Quality of Vegetable Leather)**

ERA YUSRINI , SENTOSA GINTING

2022

Prosiding seminar internasional

## **Sensory attributes and in vitro digestibility of dessert (cendol) made from potato and banana starch with addition of carrageenan as texture builder**

SENTOSA GINTING , ERA YUSRINI

2014

Jurnal nasional

## **Pengaruh Konsentrasi Pektin dan Karagenan terhadap Mutu Permen Jely Jahe (The Effect of Concentration of Pectin and Carrageenan on The Quality of Ginger Jelly Candy)**

HERLA RUSMARILIN , ERA YUSRINI

2017

Jurnal nasional

## **Pengaruh Perbandingan Bubur Buah Nanas dengan Bubur Sayur Sawi Hijau dan Persentase Gum Arab terhadap Mutu Selai Nasa (The Effect of Ratio of**

## **Pinneapple Pulp with Green Grass Vegetables and Percentage of Arabic Gom on The Quality of "Nasa" Jam)**

ERA YUSRAINI , HERLA RUSMARILIN

2019

Jurnal nasional

### **Pengaruh Perbandingan Sari Buah Nanas dengan Sari Wortel selama Penyimpanan terhadap Mutu Fruit Tea (The Effect of Ratio of Pineapple Juice and Carrot Juice During Storage on Quality of Fruit Tea)**

HERLA RUSMARILIN , ERA YUSRAINI

2017

Jurnal nasional

### **PENGARUH PERBANDINGAN TEMPE TEPUNG KACANG HIJAU DENGAN TAPIOKA SERTA PERSENTASE GUM ARAB TERHADAP MUTU PATTY WORTEL (The Effect of Ratio of Mung Bean Flour Tempe With Tapioca and Percentage of Arabic Gumon The Quality of Carrot Patty)**

ERA YUSRAINI , HERLA RUSMARILIN

2016

Jurnal nasional

### **The Effect of Carboxy Methyl Cellulose Percentage and Sugar Percentage on the Quality of Corn Jam (Pengaruh persentase carboxy methyl cellulose dan persentase gula terhadap mutu selai jagung)**

ERA YUSRAINI , ZULKIFLI LUBIS

2025

Jurnal internasional bereputasi

### **Ohmic Heating for Sustainable Bakery Production: Advancing Quality and Efficiency by Raw Material Pretreatment, Dough Fermentation, and Baking**

ERA YUSRAINI

2021

Prosiding seminar internasional

### **Financial approach of jeruju (*Acanthus ilicifolius*) crackers**

ERA YUSRAINI , LOLLIE AGUSTINA P , INDRA LESMANA. S.PI M.SI , MOHAMMAD BASYUNI

2017

Jurnal nasional

### **The Effect of Ratio of Pora-pora Fish and Tapioca Flour on The Quality of Pora-pora Fish Crackers During The Length of Storage. (Pengaruh perbandingan jumlah daging ikan pora-pora dan tepung tapioka terhadap mutu kerupuk ikan pora-pora selama penyimpanan)**

ERA YUSRAINI , RONA JOHARMI NAINGGOLAN

2020

Prosiding seminar internasional

### **Case study of mangrove ecosystem services for tiger shrimp (*Penaeus monodon*) in the practical silvofishery**

MOHAMMAD BASYUNI , INDRA LESMANA. S.PI M.SI , ERA YUSRAINI , LOLLIE AGUSTINA P

2014

Jurnal nasional

### **Influence ratio of pineapple with papaya and Arabic gum concentration on the quality of fruit leather (Pengaruh perbandingan nenas dengan pepaya dan konsentrasi gum arab terhadap mutu fruit leather)**

ERA YUSRAINI , RONA JOHARMI NAINGGOLAN

## **Community Services**

2021

Penelitian Dana Lokal Perguruan Tinggi

## **Peningkatan Nilai Tambah Komoditi Bawang Putih melalui Pengolahan Menjadi Produk Pangan untuk Memenuhi Pasar Dalam Negeri dan Ekspor Dalam Upaya Mencapai Ketahanan Pangan dan Kesejahteraan Petani**

MIMI NURMINAH , HOTNIDA SINAGA , ERA YUSRINI

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2012

Ipteks Bagi Masyarakat

### **IbM Industri Kecil Keripik Pisang dan Petani Pisang Tradisional**

ERA YUSRINI , DR LISAWITA SP, MSI

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## **Intellectual Property Rights**

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2014

Paten nasional

### **Produk Makanan Kue Ombus-Ombus**

HOTNIDA SINAGA , ERA YUSRINI

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2014

Paten nasional

### **Proses Pembuatan Kue Kering Lidah Kucing Berbahan Campuran Tepung Mocaf (Manihot esculenta), Tepung Talas (Colocasia esculenta ), dan Tepung Ubi Jalar Kuning (Ipomoea Batatas)**

MIMI NURMINAH , ERA YUSRINI

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