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*Prof. Dr. Ir. Juliza Hidayati, M.T. was born in Medan on July 23, 1968. Currently, she serves as a lecturer in Industrial Engineering at Universitas Sumatera Utara. She completed a Doctoral Program in Industrial Product Technology at IPB in 2016.*

## Publications

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2022

Jurnal internasional bereputasi

### **Transparent DIstribution System Design of Halal Beef Supply Chain**

JULIZA HIDAYATI , ENDRI , JIHAAD HAMMAMI , RINI VAMELIA

2019

Prosiding seminar nasional

### **Pemetaan Restoran Halal di Pulau Samosir Sumatera Utara**

JULIZA HIDAYATI

2016

Jurnal nasional terakreditasi

### **IDENTIFIKASI REVITALISASI PERKEBUNAN KELAPA SAWIT DI SUMATERA UTARA IDENTIFICATION OF FACTORS INCREASING PRODUCTIVITY FOR REVITALIZATION OF PALM OIL PLANTATION IN NORTH SUMATERA**

SUKARDI , JULIZA HIDAYATI

2021

Prosiding seminar internasional

### **Financial analysis of raw material supply chain for power plant using renewable palm biomass**

JULIZA HIDAYATI , SAWARNI HASIBUAN , HENDRA ADIYATNA

2018

Jurnal internasional bereputasi

### **Palm Oil Plantation Revitalization Model for The Agroindustry Development**

ANAS MIFTAH FAUZI , SUGIHARTO P , JULIZA HIDAYATI

2024

Prosiding seminar internasional

### **Extraction of essential oil from cinnamon (*Cinnamomum burmannii*) bark using microwave assisted extraction method**

MUHAMMAD IQBAL , RISMA FAZILLAH , VIQRY PRAMANANDA , M.FIKRI DIMAS PRATAMA PANJAITAN , JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2025

Jurnal internasional bereputasi

### **Characteristics of bio-briquettes from candlenut shells as a renewable energy: Selection of adhesive type, adhesive concentration, and biochar particle size**

ROSDANELLI HASIBUAN , JULIZA HIDAYATI , ERNI MISRAN , ROSMA NATALIA SAMOSIR , ANGGI JULIA SITOANG , VIQRY PRAMANANDA , RISMA FAZILLAH

2022

Jurnal nasional terakreditasi

## **Multiple linear regression analysis and lagrange polynomial on pyrolysis process of coconut shell waste producing solid biochar**

JULIZA HIDAYATI

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2018

Jurnal internasional

## **The Integration of Cleaner Production Innovation and Creativity for Supply Chain Sustainability of Bogor Batik SMEs**

JULIZA HIDAYATI

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2024

Buku referensi

## **Bussiness Intelligence dan Green Supply Chain Management (Studi Kasus Microsoft Power BI)**

RIZKHA RIDA , JULIZA HIDAYATI , SAWARNI HASIBUAN

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2024

Jurnal nasional terakreditasi

## **Lean Approach to Minimize Waste in Biscuit Production Process Using Value Stream Mapping Method at PT. XYZ**

JULIZA HIDAYATI , SUGIHARTO P , DINDA AGUSTINA LUBIS

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2020

Prosiding seminar internasional

## **Integration of Geographic Information System and Optimization Technologies for the Effective Control of Insert and Main Verification: a Case Study of Palm Oil Producer inÂ ...**

JULIZA HIDAYATI , HUMALA L NAPITUPULU

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2019

Prosiding seminar nasional

## **Peran Lokasi Perusahaan dalam Efektifitas Pendistribusian Produk**

JULIZA HIDAYATI

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2021

Prosiding seminar internasional

## **Development strategy of small and medium food industry in Tangerang City with SWOT and AHP methods**

JULIZA HIDAYATI

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2019

Jurnal internasional bereputasi

## **Characterization of delignified Oil Palm Decanter Cake (OPDC) for polymer composite development**

JULIZA HIDAYATI

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2022

Jurnal internasional bereputasi

## **Transparent Distribution System Design of Halal Beef Supply Chain**

JULIZA HIDAYATI

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2019

Prosiding seminar internasional

## **The improvement of technology utilization in the framework of the competitiveness and sustainability**

JULIZA HIDAYATI , SAWARNI HASIBUAN

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2019

Prosiding seminar nasional

## **Analisis Mitigasi Risiko Supply Chain dari Perkebunan Karet ke Perusahaan X di Sumatera Utara**

JULIZA HIDAYATI

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2021

Prosiding seminar internasional

# Redesign packaging on Aloe Vera bottle product based on Kansei Engineering

JULIZA HIDAYATI

2016

Jurnal nasional

## **Optimalitas Pengalokasian Tenaga Kerja Unit Galangan Kapal (UGK) dengan Human Factor Engineering di PT. Pelabuhan Indonesia I (PT. Pelindo I)**

JULIZA HIDAYATI

2024

Jurnal internasional bereputasi

## **Effect of Pyrolysis Temperature and Adhesive Type on the Quality of Biobriquette from Coffee Stem Biomass**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN , ERNI MISRAN , INTAN PERMATA SARI PURBA , FAUZAN ERLANGGA , VIQRY PRAMANANDA , FATIMAH FAHIRA SIREGAR

2018

Prosiding seminar internasional

## **Life Cycle Impact Assessment of Palm Biodiesel Production towards the Sustainability of Downstream Industry of Indonesia Palm Oil**

JULIZA HIDAYATI

2014

Jurnal internasional bereputasi

## **Analysis of Productivity Improvement in the Palm Oil Plantation Revitalization of North Sumatera using Analytic Network Process**

SUKARDI , JULIZA HIDAYATI

2025

Prosiding seminar internasional

## **Drying performance of temulawak using flat-bed dryer integrated with pyrolysis reactor**

RISMA FAZILLAH , ROSDANELLI HASIBUAN , JULIZA HIDAYATI , MUHAMMAD KHUWAILID , THIODORUS MARVIN TJANDRA , VIQRY PRAMANANDA

2019

Prosiding seminar nasional

## **Optimasi Pelayanan Sertifikasi pada Supply Chain Lembaga Sertifikasi Halal**

JULIZA HIDAYATI

2017

Jurnal nasional

## **PEMANFAATAN GAS FLARE DENGAN PENDEKATAN GREEN PRODUCTIVITY DI PT.XY**

A RAHIM MATONDANG , JULIZA HIDAYATI

2024

Prosiding seminar internasional

## **Effect of Pyrolysis Temperature and Adhesive Type on the Quality of Biobriquette from Coffee Stem Biomass**

ERNI MISRAN , INTAN PERMATA SARI PURBA , FAUZAN ERLANGGA , VIQRY PRAMANANDA , FATIMAH FAHIRA SIREGAR , JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2023

Jurnal nasional terakreditasi

## **Application of Saving Matrix Approach for Minimize Distribution Cost and Route Optimization: A Literature Review**

JULIZA HIDAYATI , A RAHIM MATONDANG , RIZA NOVIWIYOCHA

2021

Prosiding seminar internasional

## **Optimization of automotive goods preparation pattern for export using algorithm genetics**

JULIZA HIDAYATI

2017

Jurnal nasional

# ANALISIS KESEIMBANGAN LINTASAN PRODUKSI DENGAN METODE THEORY OF CONSTRAINTS DI PT. AZ

IKHSAN SIREGAR , JULIZA HIDAYATI , WALI AZAN

2013

Jurnal internasional bereputasi

## **Optimization of business partners feasibility for oil palm revitalization using fuzzy approach**

JULIZA HIDAYATI

2019

Prosiding seminar nasional

## **Analisis Pendistribusian Panggilan Masuk ke Call Center Telkomsel Medan**

JULIZA HIDAYATI

2019

Prosiding seminar nasional

## **Tinjauan Permintaan Gas Global dan Distribusi LPG di Indonesia: Studi Pustaka**

JULIZA HIDAYATI

2020

Prosiding seminar nasional

## **Optimalisasi Moda Transportasi Dalam Rangka Mendistribusikan Produk PT. XYZ**

JULIZA HIDAYATI

2015

Jurnal internasional bereputasi

## **Optimization of Palm Oil Plantation Revitalization in North Sumatera Indonesia**

JULIZA HIDAYATI , SUKARDI

2019

Prosiding seminar nasional

## **Upaya Meningkatkan Keamanan Penyaluran Kredit Melalui Pembiayaan Rantai Pasok Terintegrasi (Journal Review)**

JULIZA HIDAYATI

2022

Prosiding seminar internasional

## **Analysis of Consumer Perceptions of Interest in Buying Halal Hand Soap Products**

ROSDANELLI HASIBUAN , JULIZA HIDAYATI

2024

Buku referensi

## **BUSSINESS INTELIGENCE DAN gREEN sUPPLY cHAIN MANAGEMENT**

SAWARNI HASIBUAN , JULIZA HIDAYATI , RIZKHA RIDA

2020

Artikel ilmiah

## **Optimalisasi moda transportasi dalam Rangka mendistribusikan produk Pt. Alam jaya wirasentosa**

JULIZA HIDAYATI

2017

Jurnal nasional

## **Pemanfaatan Gas Flare dengan Pendekatan Green Productivity di PT. XY**

JULIZA HIDAYATI

2018

Prosiding seminar internasional

## **Drying kinetics and characteristics of dried gambir leaves using solar heating and silica gel dessicant**

AJI WICAKSONO , JULIZA HIDAYATI

## Researches

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2017

### **Kajian Performansi Pengering Kombinasi Konveksi-Desikan Pada Pengeringan Daun gambir**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2021

### **Analisis Distribusi Produk Halal Sebagai Pendukung Kesehatan di Era Covid 19**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2019

### **Value Chain Analysis and Value Added Enhancement of Indonesia Crude Palm Oil Supply Chain**

JULIZA HIDAYATI

2017

### **Developing strategic planning of green supply chain in refinery CPO company**

JULIZA HIDAYATI

2017

### **Increased productivity through waste reduction effort in oil and gas company**

JULIZA HIDAYATI

2019

### **Identify The Operational Risk Of The Port By The Risk Breakdown Structure (RBS) Method**

JULIZA HIDAYATI

2023

### **Produksi Biobriket Berbasis Biomassa dengan Perikat Kombinasi Tapioka dan Molase**

ERNI MISRAN , JULIZA HIDAYATI

2017

### **PEMANFAATAN GAS FLARE DENGAN PENDEKATAN GREEN PRODUCTIVITY DI PT.XY**

JULIZA HIDAYATI

2017

### **Drying kinetics and characteristics of dried gambir leaves using solar heating and silica gel dessicant**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2022

### **Produksi Sabun Cair Pencuci Tangan Menggunakan Bahan Baku Turunan Minyak Kelapa Sawit dan Minyak Kelapa serta Bahan Aditif Ekstraksi Minyak Atsiri dari Kulit Kayu Manis (Cinnamomum Burmanni) dengan Metode Microwave Assisted Extraction**

JULIZA HIDAYATI , RONDANG TAMBUN , ROSDANELLI HASIBUAN

## Community Services

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2016

### **Pengolahan Terpadu Produk Berbasis Ikan untuk Meningkatkan Pendapatan Nelayan di P.Brandan**

2018

## **IbM Desa Telaga Jernih dalam Memanfaatkan Limbah Sapi sebagai Energi Alternatif Rumah Tangga**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2023

## **TIM PUSAT UNGGULAN IPTEKS PARIWISATA BERKELANJUTAN TAHUN 2023**

NURLISA , JULIZA HIDAYATI

2021

## **PPUPIK Pusat Produksi Arang dan Bio Oil Laboratorium Proses Industri Kimia Universitas Sumatera Utara**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2024

## **TIM PUSAT UNGGULAN IPTEKS PARIWISATA BERKELANJUTAN TAHUN 2024**

NURLISA , JULIZA HIDAYATI

2017

Ipteks Bagi Inovasi Kreativitas Kampus

## **PPUPIK Pusat Produksi Sabun Cair Pencuci Piring Menggunakan Bahan Baku Turunan kelapa Sawit, Pewarna dan Pewangi Alami**

RENITA MANURUNG , JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2023

## **Audit/Pemeriksaan**

JULIZA HIDAYATI

2025

## **Audit Halal**

JULIZA HIDAYATI , RICKY ANDI SYAHPUTRA

2024

## **Audit Halal**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2025

## **asesmen dan wawancara**

JULIZA HIDAYATI

2022

## **Audit/Pemeriksaan**

RENITA MANURUNG , JULIZA HIDAYATI

2024

## **Kegiatan Program Pengelolaan Lingkungan Sehat, Bersih dan Nyaman dengan Penerapan Teknologi Proses Pengolahan Sampah Menjadi Produk Komersial Untuk Meningkatkan Pendapatan Masyarakat serta Penguatan Upaya Kesehatan Kerja Petani Pembibitan Tanaman Holtikultura di Desa Klambir Kecamatan Pantai Labu Kabupaten Deli Serdang**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2018

## **PPUPIK Pusat Produksi Sabun Cair Berbahan Baku Turunan Kelapa Sawit, Menggunakan Pewangi Alami, Tanpa Zat Warna dan Bersertifikat Halal**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2021

## **Pemberdayaan Kelompok Wanita Pesisir dalam Pengembangan Produk Olahan Hasil Tangkap Perikanan di Desa Perlis Kecamatan Brandan Barat Kabupaten Langkat**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2022

## **Audit/Pemeriksaan**

JULIZA HIDAYATI

2020

## **Sabun Cair Pencuci Tangan Menggunakan Bahan Baku Kombinasi Turunan Minyak Kelapa Sawit dan Minyak Kelapa serta Bahan Aditif Alami dalam Mencegah Virus pada Masa Pandemi Covid 19**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

2024

## **Audit Halal**

JULIZA HIDAYATI

2024

## **Audit Halal**

JULIZA HIDAYATI , ROSDANELLI HASIBUAN

# **Intellectual Property Rights**

2018

Paten nasional

## **Formula Sabun Cair Pencuci Tangan Menggunakan Bahan Tambahan Pewangi Dari Ekstrak Cinnamomum Burmanii**

RISMA FAZILLAH , ROSDANELLI HASIBUAN , JULIZA HIDAYATI , VIQRY PRAMANANDA

2018

Paten nasional

## **Formulasi Sabun Cair Pencuci Piring Menggunakan Bahan Tambahan Pewarna dari Ekstrak Daun Suji dan Pewangi dari Ekstrak Jeruk Nipis**

JULIZA HIDAYATI

2018

Hak cipta nasional

## **Rantai Nilai pada Agroindustri Kelapa Sawit**

JULIZA HIDAYATI

2018

Hak cipta nasional

## **Business Intelligence dan Green Supply Chain Management (Studi Kasus Microsoft Power BI)**

JULIZA HIDAYATI , RIZKHA RIDA , SAWARNI HASIBUAN

2018

Hak cipta nasional

## **BUSSINESS INTELLIGENCE (BI) DAN GREEN SUPPLY CHAIN MANAGEMENT (GSCM) (Studi Kasus Menggunakan Microsoft Power BI)**

RIZKHA RIDA , SAWARNI HASIBUAN , JULIZA HIDAYATI