

Prana Ugiana Gio, S.Si., M.Si.

Dosen Program Studi S1 Matematika
Fakultas Matematika Dan Ilmu Pengetahuan Alam
Universitas Sumatera Utara

✉ prana@usu.ac.id

🏢 Fakultas Matematika dan Ilmu Pengetahuan Alam

🌐 fmipa.usu.ac.id/id/dosen/prana-ugiana-gio

Prana Ugiana Gio, S.Si., M.Si dilahirkan di Tanjung Pinang pada tanggal 01 Oktober 1989. Beliau merupakan seorang dosen Matematika di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya yakni S2 Matematika di Universitas Sumatera Utara pada tahun 2014.

Publications

2026

Jurnal internasional bereputasi

Traditional ecological knowledge as a bi-functional sustainability mechanism in Bali: Reducing agrochemicals and securing rice yields

PRANA UGIANA GIO , Robert Kurniawan , Anas Rulloh Budi Alamsyah , Budiaman , tri mulyaningsih , Mohamad Andrian Isnaeni , Agus Muslim

2026

Jurnal internasional bereputasi

Paving the Path to Poverty Alleviation: How Strategic Infrastructure Enhancement and Controlled Sprawl Can Reshape Urban Development

PRANA UGIANA GIO , Elfina Dea Rosalita , Robert Kurniawan , Ernawati Pasaribu , Hikmah , Sri Kuswantono Wongsonadi , Henny Herawaty Br. Dalimunthee

2026

Jurnal internasional bereputasi

Clustering vulnerable areas of improved drinking water sources in Indonesia: Fuzzy geographically weighted clustering approach

Arya Candra Kusuma , Sisean Baga , ROBERT KURNIAWAN , NARARIA HUTAMA PUTRA , SRI KUSWANTONO , HIKMAH , PRANA UGIANA GIO , RICKY YORDANI

2026

Jurnal internasional bereputasi

Clustering vulnerable areas of improved drinking water sources in Indonesia: Fuzzy geographically weighted clustering approach

PRANA UGIANA GIO , Sri Kuswantono Wongsonadi , Robert Kurniawan , Arya Candra Kusuma , Hikmah Hikmah , Nararia Hutama Putra , Sisean Baga , Ricky Yordani

2026

Jurnal internasional bereputasi

Remote sensing-based early warning for agricultural flood damage mitigation in recurrent flood-prone areas

ROBERT KURNIAWAN , PRANA UGIANA GIO , REZZY EKO CARAKA , SRI KUSWANTONO , Imam Sujono

2026

Jurnal internasional bereputasi

Remote sensing-based early warning for agricultural flood damage mitigation in recurrent flood-prone areas

PRANA UGIANA GIO , Imam Sujono , Robert Kurniawan , Rezzy Eko Caraka , Sri Kuswantono Wongsonadi

2026

Jurnal internasional bereputasi

Evaluating internet accessibility and equity in Indonesia using integrated

SUSENAS and OOKLA data

ROBERT KURNIAWAN , ANJAR DIMARA SAKTI , PRANA UGIANA GIO , REZZY EKO CARAKA , VIJAYA ISNANIAWARDANI , Khairunnisa Supardi , Puspita Anggraini Kaban , Esa Prakasa , Rumanintya Lisaria Putri , Amos Lukas , Dian Yudha Risdianto , Rung Ching Chen , Pujiyanto , Bens Pardamean

2026

Jurnal internasional bereputasi

Evaluating internet accessibility and equity in Indonesia using integrated SUSENAS and OOKLA data

PRANA UGIANA GIO , Rezzy Eko Caraka , Khairunnisa Supardi , Puspita Anggraini Kaban , Esa Prakasa , Vijaya Isnaniawardhani , Rumanintya Lisaria Putri , Amos Lukas , Dian Yudha Risdianto , Rung Ching Chen , Anjar Dimara Sakti , Pujiyanto , Robert Kurniawan , Bens Pardamean

2026

Jurnal internasional bereputasi

Does the entrepreneurship environment in higher education give entrepreneurial intent to start a Business? Evidence from universities in Indonesia

PRANA UGIANA GIO , Pahrudin Pahrudin , Li-Wei Liu , Rezzy Eko Caraka , Adin Gustina , Nur Anita Yunikawati

2026

Jurnal internasional bereputasi

FUZZY LOGIC APPROACH TO FOREST FIRE RISK ASSESSMENT IN TANJUNG PUTTING NATIONAL PARK

MUHAMMAD ROMI SYAHPUTRA , ESTHER SORTA MAULI NABABAN , PRANA UGIANA GIO

2026

Jurnal internasional bereputasi

FUZZY LOGIC APPROACH TO FOREST FIRE RISK ASSESSMENT IN TANJUNG PUTTING NATIONAL PARK

ESTHER SORTA MAULI NABABAN , PRANA UGIANA GIO , ZAHEDI , MUHAMMAD ROMI SYAHPUTRA , RANI NATALIA PURBA

2026

Jurnal internasional bereputasi

Remote sensing-based analysis of land use/land cover dynamics and blue carbon assessment in Mahakam River Delta, Indonesia

PRANA UGIANA GIO , ROBERT KURNIAWAN , SUHENDRA WIDI PRAYOGA

2026

Jurnal internasional bereputasi

Integrating spatial data science and bayesian INLA modeling for waste generation assessment in Bali

PRANA UGIANA GIO , Vijaya Isnaniawardhani , Rezzy Eko Caraka , Iman Hernaman , Eulis Tanti Marlina , Dudi Dudi , Cecep Firmansyah , Aisjah Sundawati , Bens Pardamean

2025

Jurnal internasional bereputasi

Understanding financial trends through LPS publications using big data topic modeling: a Shariah and conventional finance perspective

PRANA UGIANA GIO , Rezzy Eko Caraka , Muhammad Yunus Hendrawan , Bens Pardamean

2025

Jurnal internasional bereputasi

Understanding financial trends through LPS publications using big data topic modeling: a Shariah and conventional finance perspective

REZZY EKO CARAKA , PRANA UGIANA GIO , Muhammad Yunus Hendrawan , BENS PARDAMEAN

2025

Jurnal internasional bereputasi

Bayesian Network analysis of spatial disparities in child nutrition status and health determinants across Indonesia

NOOR ELL GOLDAMEIR , REZZY EKO CARAKA , PRANA UGIANA GIO , VIJAYA ISNANIAWARDANI , BENS PARDAMEAN , Khairunnisa Supardi , Bektı Djatmiko , Rumanintya Lisaria Putri , Amos Lukas , Rung Ching Chen

2025

Jurnal internasional bereputasi

Bayesian Network analysis of spatial disparities in child nutrition status and

health determinants across Indonesia

PRANA UGIANA GIO , Rezzy Eko Caraka , Khairunnisa Supardi , Noor Ell Goldameir , Vijaya Isnaniawardhani , Bekti Djatmiko , Rumanintya Lisaria Putri , Amos Lukas , Rung Ching Chen , Bens Pardamean

2025

Jurnal internasional bereputasi

Artificial Intelligence in Cancer Oncology Through Comprehensive Bibliometric Mapping of Global Trends Impact and Conceptual Structures

Rezzy Eko Caraka , Khairunnisa Supardi , Soehartati A Gondhowiardjo , Vijaya Isnaniawardhani , Rung Ching Chen , Bens Pardamean , PRANA UGIANA GIO

2025

Jurnal internasional bereputasi

Using Kolmogorov-Arnold network and ResNet for marine protein mapping in support of the Prabowo-Gibran MBG program

Rezzy Eko Caraka , Khairunnisa Supardi , Vijaya Isnaniawardhani , Bekti Djatmiko , Rumanintya Lisaria Putri , Amos Lukas , Rung Ching Chen , Bens Pardamean , PRANA UGIANA GIO

2025

Jurnal internasional bereputasi

Revisiting connections of social, economic, and environmental factors on PM2.5 and NO2 concentrations regarding tuberculosis cases using Gaussian Bayesian network

PRANA UGIANA GIO , Syahrizal Kautsar , Rezzy Eko Caraka , Robert Kurniawan , Khairunnisa Supardi , Maria A. Hasiholan Siallagan , Sri Kuswantono Wongsonadi , Bens Pardamean

2025

Jurnal internasional bereputasi

Big Data Analytics for Uncovering Voxel Connectivity Patterns in Attention Deficit Hyperactivity Disorder

Rezzy Eko Caraka , Khairunnisa Supardi , Vijaya Isnaniawardhani , Rung Ching Chen , Bekti Djatmiko , Bens Pardamean , PRANA UGIANA GIO

2025

Jurnal internasional bereputasi

Exploring the Digital Pulse of Sentiment Analysis on Online Gambling in Indonesia using χ^2 Feature Selection

NOOR ELL GOLDAMEIR , REZZY EKO CARAKA , PRANA UGIANA GIO , BENS PARDAMEAN , SALWA SHAUMMA NURHALIZA , ATIKA RAIHANAH ARATO , Rumanintya Lisaria Putri , Amos Lukas

2025

Jurnal internasional bereputasi

Media Narrative Analysis on Joko Widodo's Leadership Media Narrative Analysis on Joko Widodo's Leader

NOOR ELL GOLDAMEIR , REZZY EKO CARAKA , PRANA UGIANA GIO , BENS PARDAMEAN , Rumanintya Lisaria Putri , Amos Lukas

2025

Buku referensi

Aplikasi PLS SEM Bidang Keuangan dengan SmartPLS

CAHYANI TUNGGAL SARI , PRANA UGIANA GIO

2025

Jurnal internasional bereputasi

Environmental Knowledge Influences Pro-Environmental Behavior to Mitigating Air Pollution Toward Sustainable Development in Indonesia: A Logistic Multilevel Analysis

BAGUS SUMARGO , AGUNG PURWANTO , KRISMANTI TRI WAHYUNI , ROBERT KURNIAWAN , PRANA UGIANA GIO , Anas Rulloh Budi Alamsyah

2025

Jurnal internasional bereputasi

Examining the Influence of Congestion, Industry, and Green Open Space on Air Quality Vulnerability in Towards Green Development in Jakarta

BAGUS SUMARGO , AGUNG PURWANTO , SRI KUSWANTONO , ROBERT KURNIAWAN , PRANA UGIANA GIO , Rafif Hasabi

2025

Jurnal internasional bereputasi

Examining the Influence of Congestion, Industry, and Green Open Space on Air Quality Vulnerability in Towards Green Development in Jakarta

PRANA UGIANA GIO , Robert Kurniawan , Raffif Hasabi , Sri Kuswantono Wongsonadi , Agung Purwanto , Bagus Sumargo

2025

Jurnal internasional bereputasi

Environmental Knowledge Influences Pro-Environmental Behavior to Mitigating Air Pollution Toward Sustainable Development in Indonesia: A Logistic Multilevel Analysis

PRANA UGIANA GIO , Robert Kurniawan , Agung Purwanto , Bagus Sumargo , Anas Rulloh Budi Alamsyah , Krismanti Tri Wahyuni

2025

Jurnal internasional bereputasi

Relation of energy use to price inflation for sustainable development policy: does fossilflation occur in Indonesia?

PRANA UGIANA GIO , Robert Kurniawan , Arya Candra Kusuma , Sri Kuswantono Wongsonadi , Henny Herawaty Br. Dalimunthe , Anan Sutisna

2025

Jurnal internasional bereputasi

Relation of energy use to price inflation for sustainable development policy: does fossilflation occur in Indonesia

ROBERT KURNIAWAN , HENNY HERAWATY BR DALIMUNTHE , SRI KUSWANTONO , ANAN SUTISNA , PRANA UGIANA GIO , Arya Candra Kusuma

2025

Jurnal internasional bereputasi

Assessing economic and social determinants of carbon emissions towards sustainable development in West Java, Indonesia

PRANA UGIANA GIO

2025

Jurnal internasional

Assessing economic and social determinants of carbon emissions towards sustainable development in West Java, Indonesia

ROBERT KURNIAWAN , SRI KUSWANTONO , MOHAMAD ZUBAIDI , PRANA UGIANA GIO , FITRI ANDAYANI , RIBUT NURUL TRI WAHYUNI , Syahrizal Kautsar

2025

Jurnal internasional bereputasi

Exploring Features and Products in E-Commerce on Consumers Behavior using Cognitive Affective

PRANA UGIANA GIO , Rezzy Eko Caraka , Pahrudin Pahrudin , Li-Wei Liu , Nur Anita Yunikawati , Bens Pardamean

2025

Jurnal internasional bereputasi

Improved LSTM hyperparameters alongside sentiment walk-forward validation for time series prediction

ROBERT KURNIAWAN , PRANA UGIANA GIO , EKO PUTRA WAHYUDDIN , Rezzy Eko Caraka

2025

Jurnal internasional bereputasi

Detection of flood-affected areas using multitemporal remote sensing data: a machine learning approach

ROBERT KURNIAWAN , PRANA UGIANA GIO , Imam Sujono , Wahyu Caesarendra , Bahrul Ilmi Nasution

2025

Jurnal internasional bereputasi

Bibliometric analysis of model vehicle routing problem in logistics delivery

PRANA UGIANA GIO , Muhammad Khahfi Zuhanda , Hartono , Samsul Abdul Rahman Sidik Hasibuan , Dahlan Abdullah , Rezzy Eko Caraka

2024

Jurnal internasional bereputasi

Improved LSTM hyperparameters alongside sentiment walk-forward validation for time series prediction

2024

Jurnal internasional bereputasi

Detection of flood-affected areas using multitemporal remote sensing data: a machine learning approach

PRANA UGIANA GIO , Robert Kurniawan , Imam Sujono , Wahyu Caesarendra , Bahrul Ilmi Nasution

2024

Jurnal internasional bereputasi

Geographically weighted regression analysis of electricity consumption in Indonesian households: aligning with SDG 7

PRANA UGIANA GIO , Tommy Novianto , Rezzy Eko Caraka , Rumanintya Lisaria Putri , Agung Sutoto , Rung Ching Chen , Maengseok Noh , Bens Pardamean

2024

Jurnal internasional bereputasi

Evaluation of foot analysis in the presence of dental malocclusion: A systematic review

ERVINA SOFYANTI , ENDAH MARDIATI , ANANTO ALI ALHASYIMI , CENDRAWASIH ANDUSYANA FARMASYA , MARIA PURBIATI , IDA BAGUS NARMADA , PRANA UGIANA GIO , Anand Marya

2024

Jurnal internasional bereputasi

Exploiting the leading potential of Indonesia through strategic alliances with the G20 and SDG-aligned policy making

BENS PARDAMEAN , REZZY EKO CARAKA , PRANA UGIANA GIO , Rung Ching Chen

2024

Prosiding seminar internasional

LSTM-Driven Forecasting of Surface Temperature Trends in Indonesia as Insights Into Climate Change

Rezzy Eko Caraka , Valerie Vincent Yang , Fadhlan Adam Firdaus , Rahma Ariza Riantika , Ginta Yufendi Laura , Aufa Fikriya , Gungum Darmawan , Resa Septiani Pontoh , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

Exploiting the leading potential of Indonesia through strategic alliances with the G20 and SDG-aligned policy making

Rezzy Eko Caraka , Jalil Mujib Tan Ismail , Rung Ching Chen , Bens Pardamean , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

Exploiting the leading potential of Indonesia through strategic alliances with the G20 and SDG-aligned policy making

PRANA UGIANA GIO , BENS PARDAMEAN , Rung Ching Chen , REZZY EKO CARAKA

2024

Jurnal internasional bereputasi

Evaluation of foot analysis in the presence of dental malocclusion: A systematic review

ERVINA SOFYANTI , PRANA UGIANA GIO , MARIA PURBIATI , IDA BAGUS NARMADA , CENDRAWASIH ANDUSYANA FARMASYA , ANANTO ALI ALHASYIMI , ENDAH MARDIATI , haryono utomo drg , Prof. Anand Marya

2024

Monograf

Belajar Olah Data Dengan Software Statistika Gratis

DINA NAZRANI , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

INDCOMP: A Shiny App for Open Data Repository of the Performance of an Indonesian Company Listed at the Indonesia Stock Exchange

PRANA UGIANA GIO , HERMAN MAWENGGANG , MUHAMMAD ZARLIS , SAIB SUWILO

2024

Jurnal internasional bereputasi

Unlocking insights from Ministry of Marine Affairs and Fisheries annual reports using LDA: a deep dive into SDG 14

Bens Pardamean , Ahmad Marzuqi , Rezzy Eko Caraka , Rung Ching Chen , Maengseok Noh , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

Green Infrastructure Vulnerability and Regional Poverty Reduction: New Sustainable Development Recommendations Based on a Spatial Clustering Approach

PRANA UGIANA GIO , Robert Kurniawan , Aldi Firmansyah , Bagaskoro Cahyo Laksono , Mukhtar Yusuf , Bahrul Ilmi Nasution , VITA CITA EMIA TARIGAN , Bagus Sumargo , Mohamad Andrian Isnaeni

2024

Buku referensi

Partial least squares structural equation modeling (PLS-SEM) dengan Software SmartPLS contoh kasus artikel di jurnal nasional & internasional

PRANA UGIANA GIO

2024

Buku referensi

APLIKASI METODE STATISTIKA KORELASI PEARSON & SPEARMAN Di Artikel Jurnal Nasional Bidang Psikologi Dengan SPSS

IRNA TRIANNUR LUBIS , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

The role of renewable energy and foreign direct investment toward environmental degradation convergence to achieve sustainability: evidence from ASEAN countries

Robert Kurniawan , PRANA UGIANA GIO , Bagus Sumargo , Arya Candra Kusuma , Sri Kuswantono Wongsonadi , Karta Sasmita

2024

Jurnal internasional bereputasi

Understanding Pediatric Health Trends in Papua: Insights From SUSENAS, RISKESDAS, Remote Sensing, and Its Relevance to Prabowo and Gibran's Free Lunch and Milk Program

Syihabuddin Ahmad Mufti , Puspita Anggraini Kaban , Yunho Kim , Robert Kurniawan , Rezzy Eko Caraka , Khairunnisa Supardi , PRANA UGIANA GIO , Avia Enggar Tyasti , Muhammad Khahfi Zuhanda , Rung-Ching Chen , Bens Pardamean , Noor Ell Goldameir

2024

Jurnal internasional bereputasi

Understanding Pediatric Health Trends in Papua: Insights from SUSENAS, RISKESDAS, Remote Sensing, and its Relevance to Prabowo and Gibran's Free Lunch and Milk Program

ROBERT KURNIAWAN , PRANA UGIANA GIO , NOOR ELL GOLDAMEIR , Rezzy Eko Caraka , Khairunnisa Supardi , Puspita Anggraini Kaban , Yunho Kim , Syihabuddin Ahmad Mufti , Rung-Ching Chen , Muhammad Khahfi Zuhanda , Avia Enggar Tyasti , Bens Pardamean

2024

Prosiding seminar internasional

The Direction of the City Gas as Clean Energy in Indonesia with the Work Force as the Moderator

ASTRI RINANTI , WIWIK DAHANI , ANDRY PRIMA , HAVIDH PRAMADIKA , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

Empowering deaf communication: a novel LSTM model for recognizing Indonesian sign language

PRANA UGIANA GIO , Yunho Kim , Budi Yuniarto , Faiq Zakki Mubarak , Bens Pardamean , Robert Kurniawan , Rezzy Eko Caraka , Khairunnisa Supardi

2024

Jurnal internasional bereputasi

Fine-Tuning of Predictive Models CNN-LSTM and CONV-LSTM for Nowcasting PM2.5 Level

Tafia Hasna Putri , Rezzy Eko Caraka , Toni Toharudin , Yunho Kim , Rung-Ching Chen , Resa Septiani Pontoh , Indah Reski

2024

Jurnal internasional bereputasi

Fine-Tuning of Predictive Models CNN-LSTM and CONV-LSTM for Nowcasting PM2.5 Level

RESA SEPTIANI PONTOH , REZZY EKO CARAKA , TONI TOHARUDIN , PRANA UGIANA GIO , ANJAR DIMARA SAKTI , GUMGUM DARMAWAN , DEFI YUSTI FAIDAH , BENS PARDAMEAN , Indah Reski Pratiwi , Tafia Hasna Putri , Farid Azhar Lutfi Nugraha , Thalita Safa Azzahra , Jessica Jesslyn Cerelia , Rung Ching Chen , Yunho Kim

2024

Jurnal internasional bereputasi

Business Predictive Analytics of Smallholder Indonesian Maize using Vector Error Correction

REZZY EKO CARAKA , ANITA RIZKY LUBIS , SRI FAJAR AYU , SP, MM, DBA , PRANA UGIANA GIO , BENS PARDAMEAN , NELVA MEYRIANI BR GINTING , Yunho Kim

2024

Jurnal internasional bereputasi

Business Predictive Analytics of Smallholder Indonesian Maize using Vector Error Correction

Yunho Kim , Anita Rizky Lubis , Bens Pardamean , Rezzy Eko Caraka , Nelva Meyriani Br Ginting , SRI FAJAR AYU , SP, MM, DBA , PRANA UGIANA GIO

2024

Jurnal internasional bereputasi

Investigating Adolescent Vulnerability in Indonesia: A Socio-Remote Sensing Big Data Analytics Study Using Night Light Data

PRANA UGIANA GIO , Toni Toharudin , Robert Kurniawan , Yunho Kim , Puspita Anggraini Kaban , Anjar Dimara Sakti , Rung Ching Chen , Khairunnisa Supardi , Rezzy Eko Caraka , Syihabuddin Ahmad Mufti

2024

Jurnal internasional bereputasi

Decoding the Narrative: Patterns and Dynamics in Monkeypox Scholarly Publications

PRANA UGIANA GIO , Anil Hakim Syofra , Andre Hasudungan Lubis , Habib Satria , Rahmad Syah , Muhammad Khahfi Zuhanda , Desniarti

2024

Jurnal internasional bereputasi

Green Infrastructure Vulnerability and Regional Poverty Reduction: New Sustainable Development Recommendations Based on a Spatial Clustering Approach

ROBERT KURNIAWAN , BAGUS SUMARGO , PRANA UGIANA GIO , VITA CITA EMIA TARIGAN , ALDI FIRMANSYAH , Bagaskoro Cahyo Laksono , Mohamad Andrian Isnaeni , Bahrul Ilmi Nasution , Mukhtar Yusuf

2024

Jurnal internasional bereputasi

The role of renewable energy and foreign direct investment toward environmental degradation convergence to achieve sustainability: evidence from ASEAN countries

ROBERT KURNIAWAN , BAGUS SUMARGO , SRI KUSWANTONO , KARTA SASMITA , PRANA UGIANA GIO , Arya Candra Kusuma

2024

Jurnal internasional bereputasi

Empowering deaf communication: a novel LSTM model for recognizing Indonesian sign language

ROBERT KURNIAWAN , BUDI YUNIARTO , PRANA UGIANA GIO , Rezzy Eko Caraka , Khairunnisa Supardi , Yunho Kim , Bens Pardamean , Faiq Zakki Mubarak

2024

Jurnal internasional bereputasi

Investigating Adolescent Vulnerability in Indonesia: A Socio-Remote Sensing Big Data Analytics Study Using Night Light Data

ROBERT KURNIAWAN , TONI TOHARUDIN , PRANA UGIANA GIO , ANJAR DIMARA SAKTI , Rezzy Eko Caraka , Puspita Anggraini Kaban , Khairunnisa Supardi , Yunho Kim , Syihabuddin Ahmad Mufti , Rung-Ching Chen , Maengseok Noh , Bens Pardamean

2024

Jurnal internasional bereputasi

Decoding the Narrative: Patterns and Dynamics in Monkeypox Scholarly Publications

ANIL HAKIM SYOFRA , DESNIARTI , HABIB SATRIA , ANDRE HASUDUNGAN LUBIS , RAHMAD SYAH , M. KHAHFI ZUHANDA , PRANA UGIANA GIO

2023

Prosiding seminar internasional

Generalized Lambda Distribution: Application on Financial Performance Data in the Indonesia Stock Exchange

PRANA UGIANA GIO , Herman Mawengkang , Muhammad Zarlis , Saib Suwilo

2023

Jurnal internasional bereputasi

Strategic insights for MSMEs: navigating the new normal with big data and business analytics

PRANA UGIANA GIO , Rezzy Eko Caraka , Robert Kurniawan , Rung Ching Chen , Jamilatuzzahro , Bahrul Ilmi Nasution , Anjar Dimara Sakti , Muhammad Yunus Hendrawan , Bens Pardamean

2023

Jurnal internasional bereputasi

The ecological footprint of industrial value added and energy consumption in Indonesia

PRANA UGIANA GIO , Robert Kurniawan , Novan Adi Nugroho , Ahmad Fudholi , Agung Purwanto , Bagus Sumargo , Sri Kuswantono Wongsonadi

2023

Jurnal internasional bereputasi

Measuring the physical infrastructure development as poverty reduction program in Kalimantan, Indonesia

ROBERT KURNIAWAN , MULYONO , BAGUS SUMARGO , PRANA UGIANA GIO , Mohamad Andrian Isnaeni , Budhi Fatanza Wiratama

2023

Jurnal internasional bereputasi

Impacts of industrial production and air quality by remote sensing on nitrogen dioxide concentration and related effects: An econometric approach

ROBERT KURNIAWAN , AGUNG PURWANTO , BAGUS SUMARGO , PRANA UGIANA GIO , SRI KUSWANTONO , ANAS RULLOH BUDI ALAMSYAH , ALTON ENDARWANTO HADI SUSANTO , Ahmad Fudholi

2023

Jurnal internasional bereputasi

Hybrid Local Search Algorithm for Optimization Route of Travelling Salesman Problem

PRANA UGIANA GIO , Rezzy Eko Caraka , Muhammad Khahfi Zuhanda , Noriszura Ismail , Rahmad Syah

2023

Jurnal internasional bereputasi

Measuring the physical infrastructure development as poverty reduction program in Kalimantan, Indonesia

PRANA UGIANA GIO , Robert Kurniawan

2023

Jurnal internasional bereputasi

Measuring the physical infrastructure development as poverty reduction program in Kalimantan, Indonesia

PRANA UGIANA GIO , Robert Kurniawan , Budhi Fatanza Wiratama , Mulyanto , Mohamad Andrian Isnaeni , Bagus Sumargo

2023

Jurnal internasional bereputasi

Revisiting Fuel Subsidies in Indonesia using K-Means, PAM, and CLARA

PRANA UGIANA GIO , Rezzy Eko Caraka , Yunho Kim , Fajar Agung Prasetyo , Noor Ell Goldameir , Faisal Anggoro , Avia Enggar Tyasti , Sulistyowati , Muthia Ramadhani , Bens Pardamean

2023

Jurnal nasional terakreditasi

Earning per Shares Sebagai Pemediasi Pengaruh Kinerja Keuangan terhadap Harga Saham

ELLY ROSMAINI , ROBERT KURNIAWAN , IRNA TRIANNUR LUBIS , AN SUCI AZZAHRA , PRANA UGIANA GIO , YUNI SHARA , RIZKI SYAHPUTRA

2023

Jurnal internasional bereputasi

Impacts of industrial production and air quality by remote sensing on nitrogen dioxide concentration and related effects: An econometric approach

PRANA UGIANA GIO

2023

Buku referensi

Visualisasi data dengan r

PRANA UGIANA GIO , ELLY ROSMAINI

2023

Jurnal internasional bereputasi

Boosting Algorithm to handle Unbalanced Classification of PM2.5 Concentration Levels by Observing Meteorological Parameters in Jakarta-Indonesia using AdaBoost, XGBoost, CatBoost, and LightGBM

PRANA UGIANA GIO

2023

Jurnal internasional bereputasi

Connectivity, sport events, and tourism development of Mandalika's special economic zone: A perspective from big data cognitive analytics

PRANA UGIANA GIO

2023

Buku referensi

Pengenalan mengolah data menggunakan spss, eviews, rstudio, jasp, stata & jamovi

PRANA UGIANA GIO

2022

Buku referensi

Buku mengolah data menggunakan software SPSS untuk pemula

WIDA AKASAH , PRANA UGIANA GIO

2022

Buku referensi

Partial Least Squares Structural Equation Modeling (PLS-SEM) dengan software WarpPLS

PRANA UGIANA GIO , VITA CITA EMIA TARIGAN , WIDA AKASAH

2022

Jurnal nasional terakreditasi

The Undercurrent Indonesia's City Gas Sector with the Moderating Work Forces

PRANA UGIANA GIO

2022

Jurnal nasional terakreditasi

The Undercurrent Indonesia's City Gas Sector with the Moderating Work Forces

ARINDA RISTAWATI , HAVIDH PRAMADIKA , MUSTAMINA MAULANI , PRANA UGIANA GIO , ANDRY PRIMA , WIWIK DAHANI

2022

Buku referensi

Partial least squares structural equation modeling (pls-sem) dengan software smartpls

PRANA UGIANA GIO

2022

Jurnal internasional

Share Prices and Total Shares Before and After Covid-19 Announcement in Consumer Goods Industry

PRANA UGIANA GIO

2022

Jurnal internasional bereputasi

Albatross analytics a hands-on into practice: statistical and data science application

PRANA UGIANA GIO

2022

Jurnal internasional bereputasi

Big data ordination towards intensive care event count cases using fast computing GLLVMS

PRANA UGIANA GIO

2022

Jurnal internasional bereputasi

Revisiting Cluster Vulnerabilities towards Information and Communication Technologies in the Eastern Island of Indonesia Using Fuzzy C Means

PRANA UGIANA GIO

2022

Jurnal internasional bereputasi

The Impact of Social Media Influencers Raffi Ahmad and Nagita Slavina on Tourism Visit Intentions across Millennials and Zoomers Using a Hierarchical Likelihood Structural Equation Model

PRANA UGIANA GIO , MOHAMMAD BASYUNI

2021

Jurnal internasional bereputasi

Indonesian Islamic moral incentives in credit card debt repayment: A feature selection using various data mining

PRANA UGIANA GIO

2021

Jurnal internasional bereputasi

Micro, Small, and Medium Enterprises' Business Vulnerability Cluster in Indonesia: An Analysis Using Optimized Fuzzy Geodemographic Clustering

MOHAMMAD BASYUNI , PRANA UGIANA GIO

2021

Jurnal internasional bereputasi

Did Noise Pollution Really Improve during COVID-19? Evidence from Taiwan

PRANA UGIANA GIO , MOHAMMAD BASYUNI

2021

Jurnal internasional bereputasi

Connecting Climate and Communicable Disease to Penta Helix Using Hierarchical Likelihood Structural Equation Modelling

PRANA UGIANA GIO

2021

Prosiding seminar internasional

Latent Regression and Ordination Risk of Infectious Disease and Climate

PRANA UGIANA GIO

2021

Buku referensi

Visualisasi data dengan EAVIS

PRANA UGIANA GIO

2021

Buku referensi

Regresi logistik biner dengan STATCAL : disertai perbandingan hasil dengan SPSS, Stata, EViews & JASP

2020

Jurnal internasional bereputasi

Impact of COVID-19 large scale restriction on environment and economy in Indonesia

PRANA UGIANA GIO

Researches

2025

Penelitian Dosen Pemula

Pelaksanaan Penelitian Talenta Universitas Sumatera Utara Kelompok Perintis

ROBIANSYAH PUTRA , FIDELIS NOFERTINUS ZAI , PRANA UGIANA GIO

2024

Penelitian Dosen Pemula

Assessing economic and social determinants of carbon emissions towards sustainable development in West Java, Indonesia

MOHAMAD ZUBAIDI , FITRI ANDAYANI , SRI KUSWANTONO , PRANA UGIANA GIO , RIBUT NURUL TRI WAHYUNI

Community Services

2024

Ipteks Bagi Masyarakat

“Upaya Peningkatan Minat Belajar Siswa Madrasah Aliyah Melalui Peningkatan Fasilitas dan Keterampilan Para Guru Di Sekolah Bintang Rabbani Desa Rumah S Unggul Kecamatan STM Hulu

MUTHIA FERLIANI BALQIS , PRANA UGIANA GIO , MUHAMMAD ROMI SYAHPUTRA

2023

Ipteks Bagi Masyarakat

“Edukasi Pembelajaran Aktif Berbasis Proyek Di Sd Negeri 165718 Kecamatan Bajenis Kota Tebing Tinggi Dalam Menghadapi Kurikulum Merdeka Pada Jenjang Sekolah Dasar”

MUTHIA FERLIANI BALQIS , PRANA UGIANA GIO

2023

Ipteks Bagi Masyarakat

Edukasi Pembelajaran Aktif Berbasis Proyek di SD Negeri 165718 Kecamatan Bajenis Kota Tebing Tinggi Dalam Menghadapi Kurikulum Merdeka Pada Jenjang Sekolah Dasar

MUTHIA FERLIANI BALQIS , PRANA UGIANA GIO , MUHAMMAD ROMI SYAHPUTRA

Intellectual Property Rights

2023

Hak cipta nasional

INDCOMP-STATS

VICKY ROSALIA , PRANA UGIANA GIO

2023

Hak cipta nasional

INDCOMP-STATS

PRANA UGIANA GIO , IRNA TRIANNUR LUBIS , YUNI SHARA

2022

Hak cipta nasional

REGCAL (Program Komputer Software Berbasis Web)

DITO ADITIA DARMA NST , ANIL HAKIM SYOFRA , PRANA UGIANA GIO , AN SUCI AZZAHRA , RIZKI SYAHPUTRA , M. KHAHFI ZUHANDA , MIKA DEBORA BR BARUS , DINA NAZRANI , DEBBI CHYNTIA OVAMI , YUNI SHARA , WIDA AKASAH , MEIGIA NIDYA SARI , IRNA TRIANNUR LUBIS

2022

Hak cipta nasional

STATCAL

PRANA UGIANA GIO , WIDA AKASAH

2022

Hak cipta nasional

STATCAL

PRANA UGIANA GIO

2020

Paten nasional

An investigation of online food aggregator (OFA) service: Do online and offline service quality distinct?

REZZY EKO CARAKA , PRANA UGIANA GIO , YUSRA

2015

Hak cipta nasional

Riset Pemasaran bagi pemula dengan SPSS

PRANA UGIANA GIO , MUHAMMAD DHARMA TUAH PUTRA NA
