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Publications

2026
Buku referensi
Blockchain: Teori dan Aplikasinya
FAKHRUDDIN RIZAL BATUBARA

2023
Prosiding seminar internasional
Blockchain: A Background for the Sake of Understanding
FAKHRUDDIN RIZAL BATUBARA , MAHYUDDIN

2023
Prosiding seminar internasional
Blockchain-based e-Government: Exploring Stakeholders Perspectives and Expectations
FAKHRUDDIN RIZAL BATUBARA

2019
Prosiding seminar internasional
Unraveling transparency and accountability in blockchain
FAKHRUDDIN RIZAL BATUBARA

2018
Prosiding seminar internasional
Challenges of blockchain technology adoption for e-government: A systematic literature review
FAKHRUDDIN RIZAL BATUBARA

2015
Prosiding seminar internasional
Balancing functionality, risk, and cost in smart service networks
FAKHRUDDIN RIZAL BATUBARA

2014
Prosiding seminar internasional
Image based water gauge reading developed with ANN Kohonen
FAKHRUDDIN RIZAL BATUBARA , FAHMI

Researches

2022

Penelitian Disertasi Doktor

Meningkatkan Transparansi dan Akuntabilitas: Arsitektur Referensi untuk Sistem e-Government Berbasis Blockchain di Negara Berkembang

FAKHRUDDIN RIZAL BATUBARA , SYAHRIL EFENDI , MAHYUDDIN , POLTAK SIHOMBING

2021
Penelitian Dana Lokal Perguruan Tinggi

Arsitektur Aplikasi Berbasis Blockchain Untuk Perguruan Tinggi Indonesia

FAKHRUDDIN RIZAL BATUBARA , SOEHARWINTO

2013
Penelitian Hibah Bersaing

Metode Penggabungan MAC-Physical Layer untuk Jaringan Wireless Downlink OFDM Pad

FAKHRUDDIN RIZAL BATUBARA , SOEHARWINTO , NAEMAH MUBARAKAH

Community Services

2026

Rancang Bangun Steamer Ecoprint untuk Mengoptimalkan Proses Pewarnaan Kain Pada Lembah Hijau Handmade Ecoprint

FAKHRUDDIN RIZAL BATUBARA , QOTHRUN NADA MA'RUF BATUBARA , HALIMUL BAHRI , LAILA TAMARA , KANIA SALSABILAH DAULAY

2024

Sistem Pemantauan Kualitas Udara Dari Dampak Erupsi Gunung Sinabung Pada Desa Lingga Kabupaten Karo

FAKHRUDDIN RIZAL BATUBARA , SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , IPAN SUTIOSO , MIKAEL KEVINTAN NAIBAHO , EKRON NAULI SIMANUNGKALIT