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Publications

2026
Jurnal internasional bereputasi

A COMPARATIVE STUDY OF PLA-ABS SANDWICH STRUCTURES: EFFECT OF PROCESS PARAMETERS ON MECHANICAL PERFORMANCES AND ENERGY CONSUMPTION

ANDRI NASUTION , HASAN MASTRISISWADI , ACHMAD PRATAMA RIFAI , HERIANTO , Sarah Iftin Atsani

2026
Jurnal internasional bereputasi

Flexural performance and interfacial bonding of PLA/ABS/HIPS composites in multi-nozzle 3D printing

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2025
Jurnal internasional

A Multi-Objective Double Row Layout Problem Considering Safety Distances and Geometrical Constraints

ANDRI NASUTION , ACHMAD PRATAMA RIFAI , RACHMADI NORCAHYO , Setyo Tri Windras Mara

2025
Jurnal internasional bereputasi

OPTIMIZATION OF PROCESS PARAMETERS OF FUSED DEPOSITION MODELLING AND METHODS: A REVIEW

HERIANTO , ANDRI NASUTION , ACHMAD PRATAMA RIFAI , HASAN MASTRISISWADI

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MUHAMMAD LUTHFI HAKIM , ANDRI NASUTION , ACHMAD PRATAMA RIFAI , HERIANTO

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Jurnal internasional bereputasi

Driver Focus Detection Based on Eye Tracking Images Using Convolutional Neural Networks: A Comparative Study of Transfer Learning and Custom

Architectures

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2025
Jurnal internasional bereputasi

Tensile performance of multi-material sandwich structures fabricated by multi-nozzle fused deposition modeling using PLA, ABS, and HIPS

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2025
Jurnal internasional bereputasi

High-sensitivity and durable MWCNT@CuNp/silicone rubber flexible strain sensor for human motion detection and composite structural monitoring

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HASAN MASTRISISWADI , MUHAMMAD LUTHFI HAKIM , MUHAMMAD AKHSIN MUFLIKHUN , HERIANTO , ARDI JATI NUGROHO PUTRO , ANDRI NASUTION , RELA ADI HIMAROSA

2023
Prosiding seminar internasional

Identification of factors causing defects in plywood products using minitab (case study at PT. PQR)

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2023
Jurnal internasional bereputasi

Effect of Shot Peening Parameters on PLA Parts Manufactured with Fused Deposition Modeling

HERIANTO , ANDRI NASUTION , HASAN MASTRISISWADI

2023
Prosiding seminar internasional

Identification of Factors Causing Defects in Plywood Products Using Minitab (Case Study at PT. PQR)

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2026
Prosiding seminar internasional

Penyeimbangan Stasiun Kerja dalam Produksi Ragum Dengan Menggunakan Metode Helgeson-Birnie

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Penerapan Just In Time (JIT) Pada Perakitan Raket Nyamuk Cas Mitsui Flash MRN 76

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Jurnal nasional terakreditasi

Rancangan Perbaikan Lingkungan Kerja Dengan Menggunakan Metode 5S Di Bengkel SMK TR Yayasan Pendidikan Sinar Husni

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2026

Jurnal nasional

ANALISIS LINGKUNGAN KERJA DENGAN METODE 5S DI LANTAI PRODUKSI DAN PENILAIAN RISIKO KERJA DENGAN METODE HIRARC DI BAGIAN MESIN PRESS PADA CV. XYZ

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2026
Jurnal nasional

Rancangan Sistem Pendukung Keputusan Terhadap Ketidakpastian Supply Chain Management Studi Kasus PT. Sinar Sosro Tanjung Morawa Medan

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2026
Poster seminar internasional

Penerapan Metode Just In Time Dalam Proses Perakitan Raket Nyamuk di PT. XYZ

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Prosiding seminar internasional

Penilaian Postur Kerja Dengan Rapid Upper Limb Assesment Dan Kuisioner Nordic Body Map Terhadap Pekerja Ukm Sepatu UD. DEF

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Prosiding seminar internasional

Analisis Penyebab Timbulnya Cacat Dan Solusi Perbaikan Pada Produk Jerry Can Menggunakan Fault Tree Analysis (Studi Kasus Di PT. ACI)

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Jurnal nasional

Penentuan Jumlah Tenaga Kerja pada Departemen Produksi di PT. XYZ dengan Metode Programa Dinamis untuk Meminimasi Biaya Tenaga Kerja

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Prosiding seminar internasional

Peramalan Penjualan Ragum di Kota Tangerang Menggunakan Metode Time Series dan Kausal

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Analisis Kelayakan dan Strategi Pengembangan Usaha Pupuk pada PT. XYZ

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Jurnal internasional

An Availability Analysis of Fresh Fruit Bunches (FFB) by the method of the Food Supply Chain Network (FSCN) PT. XYZ

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2026
Jurnal nasional terakreditasi

Analisis Kelayakan dan Strategi Pengembangan Usaha Pupuk pada PT. XYZ Feasibility Analysis and Strategy for Fertilizer Business Development in PT. XYZ

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Evaluation of the distribution model and mode of transportation of PT X

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Perbaikan Produk Helm dengan Menggunakan Metode Design for Manufacturing and Assembly (DFMA)

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Prosiding seminar internasional

Analysis delay factor distribution of ready–mix concrete PT. Kreasibeton Nusapersada

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Pembelian Bahan Baku Optimal Ready Mix Concrete dengan Metode Economic Order Quantity

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Prosiding seminar internasional

Pengendalian Kualitas pada Produk Lilin Spiral dengan Pendekatan Six Sigma PT. ABC

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Jurnal nasional terakreditasi

Analisis pengaruh benang wol dan limbah batang pisang dalam rancangan produk komposit peredam bunyi ruang akustik

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Jurnal nasional terakreditasi

Relayout dengan Menggunakan BLOCPLAN Tool Analysis

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Researches

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Ipteks

A Multi-Objective Double Row Layout Problem Considering Safety Distances and Geometrical Constraints

RACHMADI NORCAHYO , ANDRI NASUTION , ACHMAD PRATAMA RIFAI , Setyo Tri Windras Mara

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Ipteks

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2021
Penelitian Dana Lokal Perguruan Tinggi

EVALUASI BUDAYA KESELAMATAN DAN KESEHATAN KERJA (K3) TERHADAP KESIAPAN PEDAGANG PASAR TRADISIONAL DALAM UPAYA MENCEGAH RISIKO PENULARAN COVID-19

BUCHARI , ANDRI NASUTION