

Institut Taknalani Randuna

About the Journal



Journal of Engineering and Technological Sciences welcomes full research articles in the area of Engineering Sciences from the following subject areas: Aerospace Engineering, Biotechnology, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Physics, Environmental Engineering, Industrial Engineering, Information Engineering, Mechanical Engineering, Material Science and Engineering, Manufacturing Processes, Microelectronics, Mining Engineering, Petroleum Engineering, and other application of physical, biological, chemical and mathematical sciences in engineering. Authors are invited to submit articles that have not been published previously and are not under consideration elsewhere.

Starting from Vol. 35, No. 1, 2003, full articles published are available online at https://journal.itb.ac.id, and indexed by Scopus (2020:Q3), Index Copernicus, Google Scholar, DOAJ, The Elektronische Zeitschriftenbibliothek EZB by University Library of Regensburg, EBSCO Open Science Directory, Ei Compendex, Chemical Abstract Service (CAS), Zurich Open Repository and Archive Journal Database, Emerging Sources Citation Index and Indonesian Publication Index.

The journal has been also accredited for five years based on The Decree of Directorate General of Research and Development Strengthening, Ministry of Research, Technology and Higher Education of the Republic of Indonesia No. 30/E/KPT/2018, for Volume 50 No.1, 2018 until Volume 54 No. 6, 2022.

ISSN: 2337-5779 E-ISSN: 2338-5502

Published by the Institute for Research and Community Services, Institut Teknologi Bandung, in collaboration with <u>Indonesian Engineering Association</u> (*Persatuan Insinyur Indonesia-PII*).

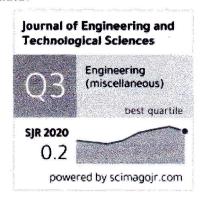
Publication History

Formerly known as:

- ITB Journal of Engineering Science (2007 2012)
- Proceedings ITB on Engineering Science (2003 2007)
- Proceedings ITB (1961 2002)

Back issues can be read online at: http://journal.itb.ac.id

Scimago Journal Ranking



View My Stats



This work is licensed under a <u>Creative Commons Attribution-NoDerivatives 4.0 International License</u>.

Current Issue

Vol. 53 No. 3 (2021)

Published: 2021-05-31

Articles

Hydrogenated Palm Fatty Acid Distillate as Raw Materials for Magnesium Stearate Alternatives

Abdu Ravi Zakaria, Dwi Rokhmat Setiawan, Shelly Shelly, Melia Laniwati, Dianika Lestari 210303

D PDF

Preparation of Graphene Oxide from Expanded Graphite at Different Microwave Heating Times

Ahmed A Moosa, Zainab H. Mahdi, Mohammed A. Mutar 210305

PDF

Optimization and Modeling of Ammonia Removal from Aqueous Solutions by Using Adsorption on Singlewalled Carbon Nanotubes

Ghasem Hassani, Arsalan Jamshidi, Soheila Rezaei, Roohullah Jahanpour, Hossein Mari Oryad 210309

PDF

Numerical Simulation of Damage in Sandwich Composite Panels Due to Hydrodynamic Impact

Satrio Wicaksono, Nur Ridhwan Muharram, Hermawan Judawisastra, Tatacipta Dirgantara

2	103	04	
	囚	PDI	=

The Effect of Temperature on the Electrical Characteristics of Nanofluids Based on Palm Oil

Pichai Muangpratoom

210312

PDF

Seismic Behavior of Concrete-Filled Steel Tube (CFST) Column and Reinforced Concrete (RC) Beam Connections under Reversed Cyclic Loading

Ahmed Najm Abdullah, Bambang Budiono, Herlien Dwiarti Setio, Erwin Lim 210301

△ PDF

Data Driven Building Electricity Consumption Model Using Support Vector Regression

FX Nugroho Soelami, Putu Handre Kertha Utama, Irsyad Nashirul Haq, Justin Pradipta, Edi Leksono, Meditya Wasesa 210313

PDF

The Method of Lines Analysis of TE Mode Propagation in Silica based Optical Directional Couplers

Ary - Syahriar, Putri Wulandari, Ahmad Husin Lubis, Retno Wigajatri, Danny M. Gandana, Anwar Mujadin 210302

□ PDF

The Effect of Thermal Ageing on the Mechanical Properties of Natural Rubber-based Compounds Used for Rubber Bearings

Manuel Alberto Guzmán, Diego Hernán Giraldo-Vásquez, Ricardo Moreno 210310

PDF

Airflow Characteristics Investigation of a Diesel Engine for Different Helical Port Openings and Engine Speeds

Willyanto Anggono, Mitsuhisa Ichiyanagi, Reina Saito, Gabriel J. Gotama, Chris Cornelius, Ryera Kreshna, Takashi Suzuki 210306

PDF

Identification of Micro-plastic Contamination in Drinking Water Treatment Plants in Phnom Penh, Cambodia

Sandhya Babel, Hakk Dork 210307

PDF

Bayah Natural Zeolites to Upgrade the Quality of Bio Crude Oil from Empty Fruit Bunch Pyrolysis

Anton Irawan, Yazid Bindar, Teguh Kurniawan, Hafid Alwan, Rosid Rosid, Nisa Aina Fauziah 210308

☑ PDF

Comparison of Liquid Product Characteristics of PFAD Metal Soap Decarboxylation by Batch and Continuous Process

Godlief F. Neonufa, Lidya Elizabeth, Endar Puspawiningtiyas, Meiti Pratiwi, Astri Nur Istyami, Ronny Purwadi, Tatang H. Soerawidjaja

210311

PDF

View All Issues >

Current Issue

ATOM 1.0	
RSS 2.0	
RSS 1.0	

Information

For Readers

For Authors

For Librarians

Platform & workflow by OJS / PKP