Engineering and Technological Sciences

Journal of Engineering

597

Journal of

Sciences

Other Journal published by ITB Journal Publishe

Apparatus for Infiltration Study with a Two-Way Orientation Approach 615 Reza Adhi Fajar, Gunawan Handavani, Lilik Eko Widodo, Sudarto Notosiswovo & Tri Chandra Pamungkas Comparative Study of Building Envelope Cooling Loads in Al-Amarah City, Iraq 632 Qudama Al-Yasiri, Mushtaq A. Al-Furaiji & Ahmed K. Alshara Design of Elastomeric Bridge Bearing Pad Compound Formula Based on Hydrogenated Natural Rubber 649 Santi Puspitasari & Adi Cifriadi An Evaluation of Pile-Raft Interaction in Cohesive Soils using 3D **Finite Element Method** 662 Endra Susila, Muhammad Yoke Syahputra, Andhika Sahadewa & Karina Meilawati Eka Putri Viscosity Measurement of Blended Patchouli Oil at Atmospheric **Pressure and Room Temperature** 683 Elin Yusibani, Peter Lloyd Woodfield, Lena Ardiah, Muhammad Syukri Surbakti & Rahmi Kinetics on Organic Removal by Aerobic Granular Sludge in Bubbled **Airlift Continuous Reactor** 693 Andik Yulianto, Nida Maisa Zakiyya, Prayatni Soewondo, Marisa Handajani & Herto Dwi Ariesyady **Drought Event Analysis and Projection of Future Precipitation** Scenario in Abava Chamo Sub-Basin, Ethiopia 707 Ayele Elias Gebeyehu, Zhao Chunju, Zhou Yihong & Negash Wagasho **Underwater Acoustic Power Around Submerged Body in Shallow** Water Using Boundary Element Method 729 M. Fatkhurrozi & Irsan S. Brodjonegoro

Journal of Engineering and Technological Sciences

Vol. 51, No. 5, October 2019

CONTENTS

Power Quality Investigation of Single Phase Grid-Connected Inverter

Khaled M. Alawasa & Abdullah I. Al-Odienat

Physical Model of Vertical Water Movement Inside a Soil-column

of Photovoltaic System







October