

Table of Contents

Volume 11 Number 3

August 2023

Python SystemVerilog (Python SV)

S. N. Nag.....409

Utilizing Dynamic Data to Quickly Evaluate Advantageous Channels and Applications

J. G. Liu, R. Zhang, Z. Lv, M. N. Wang, G. H. Zhang.....417

Reconnaissance Geophysical Study on the Southeastern Part of Al-Qashah Aera, KSA

A. Y. Al-Bakri, M. Sazid.....424

An Empirical Study on the Impact of Different Structural Systems on Carbon Emissions of Prefabricated Buildings Based on SimaPro

C. S. Luo, X. R. Yao, Y. B. Zhang, H. Y. Zhou.....434

Historical Review of Hydrogen Energy Storage Technology

W. F. Ekpotu, J. Akintola, M. C. Obialor, U. Philemon.....454

Gamma Photon Column Scanning of Prototype and Industrial Distillation Columns

W. Chirume, J. S. Dongo, C. Dzingai, R. T. Mashingaidze, S. Mudono, R. Alami, P. Baricholo.....476

Numerical Simulation Study of Support Pressure around the Fully Mechanized Caving Face

P. H. Li, L. C. Zhang, P. Chi, J. H. Gao.....493

Technical Analysis of PCIe to PCIe 6: A Next-Generation Interface Evolution

S. N. Nag.....504

The Impact of Different Mining and Releasing Ratios on the Over-Support Pressure of Header Working Face

H. J. Zhang.....526

Experimentation of a Forced Convection Solar Dryer for Drying Sweet Potatoes at the Higher Institute of Technology of Mamou-Guinea

A. Sakouvogui, T. A. Barry, A. M. Sakho, M. Keita.....536

Research on Obstacle Avoidance Method of Intelligent Car Based on Optimized Fuzzy Control Algorithm

S. J. Guan, Z. W. Deng, C. X. Xi, Z. S. Liu, A. R. Liu.....549

**Experimental Study on the Mechanical Parameters Relating to the Impact Tendency
of Coal Sample**

D. Cisse, H. Wang, M. Y. Wen, Z. H. Liu.....569

Adaptive Seat Cover for Motorsports and Daily Driving Situations

H. Z. Yang, W. Li.....586

Green Drug Supply Chain Investigation by Time-Market Balance and Risk

M. Entezami, H. Havaeji.....611

**Evolution of the “OS Wheel” Model of Operations Strategy in Continuous
Manufacturing Industry**

R. Jayarama.....632