

Best Paper Award

Paper ID	Paper Title	Authors
1093	A Comparative Study of NLP Transformer-Based and CNN-GloVe Models with Flask Application for Research Article Classification	Joann Galopo Perez, Melvin Ballera
1159	The Application of Code Plagiarism Detection Function in a C Programming University Course	Xiqin Lu, Khaing Hsu Wai
1090	Disparity recovery in stereo matching based on a conditional deep convolutional generative adversarial network	Hui-Yu Huang, Zhe-Yu Hsu
1095	Long Time-series Data Augmentation via Time-series Generative Adversarial Network	Lo-Chu Lin, Ming-Chang Yu, Chen-Kuo Chiang
1188	Workpiece Recognition under Poor Lighting Conditions Using a Two-Stage Mask R-CNN Approach	Hung-Jen Wang, Ting-Wei Ling
1198	A Lightweight Vision Transformer with Competitive Blocks for Finger Vein Recognition	Chi-An Chen, Tzu-Hung Chien, Liang-Ying Ke, Chih-Hsien Hsia
1238	Enabling Real-Time Vision-Language Intelligence on the Edge with Low-Complexity Attention	Ghufron Wahyu Kurniawan, Jun-Wei Hsieh, Chuan-Wang Chang, Chi-Chia Sung
1057	Using Large Language Models to Detect Smishing Messages in Telecom Networks	Chien-Cheng Chen, Hong-Pong Chen, Yung-Sheng Ku, Chi-Feng Lai, Pin-Jui Chen, Ming-Hui Chen
1033	Design and Simulation of Galvanically Isolated Quasi-Z-Source DC-DC Converter with a Novel ZVS Technique	Bancha Hiransing, Anuwat Jangwanitlert
1034	Photovoltaic System-Fed Full-Bridge Inverter with an Ozone Generator for Household Water Disinfection and Slag Reduction	Bancha Hiransing, Boonthong Wasuri, Sanya Kuankid, Wisawa Suesuwan, Bopit Chainok

Paper ID	Paper Title	Authors
1078	Establishing Wireless Sensor Network Target Tracking Strategy and Data Fusion Based on Blockchain Technology Integration	Sung-Jung Hsiao, Chih-Hao Pan, Tzu-Chieh Cheng, Zong-Ting Chen, Hsin-Hsiang Tsai
1022	Prediction of Green Purchase Intention using Machine Learning Techniques: The Case of Green Apparel and Clothing among Filipino Generation Z	Alexander A. Hernandez, Jay-Ar P. Lalata, Erlito M. Albina, Muhammad Syukur, Joferson L. Bombasi
1014	Enhancing Taiwanese Sign Language Recognition By Using Data Augmentation and Deep Learning	Yi-You Wang, Qi-Qian Lu, Ben-Yi Liao
1066	Blockchain-Based Adaptive Historical Averaging for Client Dropout Resilience in Federated Learning	Bo-Sian Liao, Jung-Shian Li, I-Hsien Liu, Chuan-Kang Liu
1086	Smart Care System with Dual-Model Cooperative Triggering for Anomaly Detection	Feng-Yu Xu, Yu-Jen Pan, Jen-Chun Lee, Rung-Shiang Cheng
1082	Enhancing Urban Resilience in Smart Cities through Edge AI, Point of Interest Analysis, and Multi-Criteria Decision-Making	Chih-Kun Ke, Mei-Yu Wu
1059	Harnessing Large Language Models for Materials and Manufacturing: Frameworks, Application & Innovations	Ayush Pratap, Nidhi Sharma, Neha Sardana, Pao-Ann Husing
1083	Enhancing Micro-Expression Recognition through Optimized Apex Frame Spotting: A Pair-wise Difference Maximization Approach	I-Fang Su, Chieh-Ling Huang, Yu-Chi Chung
1047	A Combined Lightweight Mango Detection using Efficient Multi-Scale Attention Module for Precision Agriculture	Wen-Tsai Sung, Indra Griha Tofik Isa, Sung-Jung Hsiao
1222	Simulation Study of Black Start Using Grid-Forming Battery Energy Storage System	Yu-Jen Liu, Te-Ching Huang