

Journal of Advances in Information Technology

CONTENTS

Volume 13, Number 5, October 2022

Text to Speech Synthesis: A Systematic Review, Deep Learning Based Architecture and Future Research Direction	398
<i>Fahima Khanam, Farha Akhter Munmun, Nadia Afrin Ritu, Alope Kumar Saha, and Muhammad Firoz Mridha</i>	
Multi-view Deep CNN for Automated Target Recognition and Classification of Synthetic Aperture Radar Image	413
<i>Sudeshna Chakraborty, Amrita, Tanupriya Choudhury, Roohi Sille, Chiranjit Dutta, and Bhupesh Kumar Dewangan</i>	
Self-Adaptable Infrastructure Management for Analyzing the Efficiency of Big Data Stores	423
<i>Konstantinos Mavrogiorgos, Athanasios Kiourtis, Argyro Mavrogiorgou, and Dimosthenis Kyriazis</i>	
A Reversible Data Hiding through Encryption Scheme for Medical Image Transmission Using AES Encryption with Key Scrambling	433
<i>Kandala Sree Rama Murthy and V. M. Manikandan</i>	
Road Scene Data Annotation with Semi-Automated Active Learning Framework for Convolutional Neural Networks	441
<i>Mohd Hafiz Hilman Mohammad Sofian and Toshio Ito</i>	
A Predictive Model for Depression Risk in Thai Youth during COVID-19	450
<i>Wongpanya S. Nuankaew, Patchara Nasa-ngium, Prem Enkvetchakul, and Pratya Nuankaew</i>	
GAAINet: A Generative Adversarial Artificial Immune Network Model for Intrusion Detection in Industrial IoT Systems	456
<i>Siphesihle P. Sithungu and Elizabeth M. Ehlers</i>	
Proposal for Determining the Calibration Fixation Points for Achieving High-Precision Gaze Estimation with a Pupil Imaging Camera Installed at the Side of an Eye	462
<i>Atsumu Naito and Kiyoshi Hoshino</i>	
ExtraImpute: A Novel Machine Learning Method for Missing Data Imputation	470
<i>Mustafa Alabadla, Fatimah Sidi, Iskandar Ishak, Hamidah Ibrahim, Lilly Suriani Affendey, and Hazlina Hamdan</i>	
UAV Pilot Status Identification Algorithm Using Image Recognition and Biosignals	477
<i>Sedam Lee, Eunsung Go, and Yongjin Kwon</i>	
Effect of Features Extraction Techniques on Cyberstalking Detection Using Machine Learning Framework ...	486
<i>Arvind Kumar Gautam and Abhishek Bansal</i>	
An Integrated Crowdsourcing Application for Embedded Smartphone Sensor Data Acquisition and Mobility Analysis	503
<i>Kazi Taqi Tahmid, Khandaker Rezwan Ahmed, Moontaha Nishat Chowdhury, Koushik Mallik, Umme Habiba, and H. M. Zabir Haque</i>	

Parameter and Hyperparameter Optimisation of Deep Neural Network Model for Personalised Predictions of Asthma.....	512
<i>Radiyah Haque, Sin-Ban Ho, Ian Chai, and Adina Abdullah</i>	
Social Media Fake Profile Detection Using Data Mining Technique	518
<i>Nitika Kadam and Sanjeev Kumar Sharma</i>	
Statistic Approached Dynamically Detecting Security Threats and Updating a Signature-Based Intrusion Detection System's Database in NGN.....	524
<i>Gunay Abdiyeva-Aliyeva and Mehran Hematyar</i>	
COVID-19 Infection Prediction Using Efficient Machine Learning Techniques Based on Clinical Data.....	530
<i>Bilal Abdualgalil, Sajimon Abraham, and Waleed M. Ismael</i>	