## International Journal of

## Image, Graphics and Signal Processing



IJIGSP Vol. 14
Http://www.mecs-press.org



## **International Journal of Image, Graphics and Signal Processing (IJIGSP)**

ISSN Print: 2074-9074, ISSN Online: 2074-9082

Volume 14, Number 5, October 2022

## **Contents**

REGULAR PAPERS	
Self-Supervised Model Based on Masked Autoencoders Advance CT Scans Classification Jiashu Xu, Sergii Stirenko	1
Transformation of Classical to Quantum Image, Representation, Processing and Noise Mitigation Shyam R. Sihare	10
FeatureGAN: Combining GAN and Autoencoder for Pavement Crack Image Data Augmentations Xinkai Zhang, Bo Peng, Zaid Al-Huda, Donghai Zhai	28
A Review on HEVC Video Forensic Investigation under Compressed Domain Neetu Singla, Sushama Nagpal, Jyotsna Singh	44
MLSMBQS: Design of a Machine Learning Based Split & Merge Blockchain Model for QoS-Aware Secure IoT Deployments Shital Agrawal, Shailesh Kumar	58
Sliding Window Based High Utility Item-Sets Mining over Data Stream Using Extended Global Utility Item-Sets Tree  P. Amaranatha Reddy, MHM Krishna Prasad	72
Covid-19 Automatic Detection from CT Images through Transfer Learning B. Premamayudu, Chavala Bhuvaneswari	84