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Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 438
Disciplina	006.31
Soggetti	Computer networks Artificial intelligence Computer engineering Computer vision Computer Communication Networks Artificial Intelligence Computer Engineering and Networks Computer Vision Aprenentatge automàtic Intel·ligència artificial Xarxes d'ordinadors Simulació per ordinador Processament d'imatges Congressos Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Deep learning network for Frequency offset Cancellation in OFDM communication system -- Research on the Rising Phenomenons in the Bit Error Rate Performances of LT-Based UEP codes -- Ensemble Classification Technique for Cultural Heritage Image -- Power

Allocation for Sum Rate Maximization of Uplink Massive MIMO System with Maximum Ratio Combining -- Research on Indoor Passive Location Based on LoRa Fingerprint -- Application of Dijkstra algorithm in optimal route selection under the background of TPACK education model -- The Wave Filter Design of UFMC Vehicle Communication System -- Research on Image Binary Classification Based on Fast Style Transfer Data Enhancement -- 3DCNN Backed Conv-LSTM Auto Encoder for Micro Facial Expression Video Recognition -- Research on charge and discharge control strategy of supercapacitor -- Intelligent wheelchair based on medical health examination -- Research on Forest Fire Image Recognition System in Northeast Forest Region Based on Machine Vision -- Research on Face Image Restoration Method Based on Improved WGAN -- Research on text communication security based on deep learning model -- Elimination of Network Intrusion using Advance Data Mining Technology -- Automatic Detection and Classification of Anti-Islamic Web Text-Contents -- Deep Learning Technique for Dessert Plant Classification and Recognition -- Sparse Algorithm for OFDM Underwater Acoustic Channel Estimation -- Improvement of CLAlgorithm in MIMO-OFDM System -- SD-based low-complexity signal detection algorithm in massive MIMO -- Improved YOLOv4 infrared image pedestrian detection algorithm -- Research on ECG Classification Method Based on Convolutional Neural Network -- A Servey on Meta-learning Based Few-shotClassification -- Image Retrieval Algorithm Based on Fractal Coding -- Research on Fractal Image Coding Method Based on SNAM Segmentation Scheme -- Aircraft Detection In Aerial Remote Sensing Images Based On Contrast Self-supervised Learning -- Fast fractal image compression algorithm based on compression perception -- Color Image Fast Encryption Algorithm Based on JPEG encoding -- Review of Research on Speech Emotion Recognition -- Concentration Prediction Based on mRMRXGBoost Model -- An improved crowd counting method based on YOLOv3.

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#### Sommario/riassunto

This volume constitutes the refereed post-conference proceedings of the 6th International Conference on Machine Learning and Intelligent Communications, MLICOM 2021, held in November 2021. Due to COVID-19 pandemic the conference was held virtually. The 28 revised full papers were carefully selected from 58 submissions. The papers are organized thematically in tracks as follows: internet of vehicle communication system; applications of neural network and deep learning; intelligent massive MIMO communications; intelligent positioning and navigation systems; intelligent space and terrestrial integrated networks; machine learning algorithms and intelligent networks; image information processing.

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