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	Altri autori (Persone)	SinhaG. R. <1975->
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	Nota di contenuto	An Enhancement in K-means Algorithm for Automatic Ultrasound Image Segmentation -- Silent Speech Interface using Lip-Reading Methods -- Performance Analysis of Recent Algorithms for Compression of Various Medical Images Smart Gaming System for Hand Rehabilitation -- An Ample Review of Various Deep Learning Skills for Identifying the Stages of Sleep -- Deep Transfer Learning for Schizophrenia Detection using Brain MRI.-An Efficient Approach for Early Prediction of Sudden Cardiac Death using Two-Stage Feature Selection and Gradient Boosting Classification -- Malware Detection Framework based on Iterative Neighborhood Component Analysis for Internet of Medical Things -- An Artificial Intelligence Driven Deep

Learning Model for Chest X-ray Image Segmentation -- Deep Learning Approaches for Early Detection of Obstructive Sleep Apnea using Single-Channel ECG: A Systematic Literature Review -- Performance Evaluation of Vanilla, Residual, and Dense 2D U-Net Architectures for Skull Stripping of Augmented 3D T1weighted MRI Head Scans -- EEG Based Classification of Learning Disability in Children Using Pretrained Network and Support Vector Machine -- A Two-Level Classifier for Prediction of Healthy and Unhealthy Lung Sounds Using Machine Learning and Convolutional Neural Network -- Classification of Meditation Expertise from EEG Signals using Shallow Neural Networks -- Efficient Model for Prediction of Parkinson's Disease using Machine Learning Algorithms with Hybrid Feature Selection Methods -- Classification of EEG Signals for Epilepsy Detection using PCA Analysis -- White Blood Cell Classification using Deep Transfer Learning -- A Novel Feature Selection Algorithm for the Detection of Obstructive Sleep Apnea by using Heart rate Variability and ECG Derived Respiratory Analysis -- Early diagnosis of Parkinson's Disease based on Spiral and wave drawings using Convolutional Neural Networks and Machine Learning classifier -- Analysis of Quarantine Norms and their Health care Benefits for Covid-19 -- A Deep Learning-based Sentiment Classification Approach for Detecting -- Suicidal Ideation on Social Media Posts -- Bayesian Modeling for a Shape Parameter of Weibull-Lomax Distribution -- with an Application to Health Data -- Foot Strike Patterns, Anthropometric Parameters and Somatotypesin Optimizing Multi-Sprint Sports Performance -- Minimal Surface Based Hybrid Cellular Material Model for Use in Healthcare Engineering -- Apnea Controlled CPAP for Obstructive Sleep Patient FPGA Implementation of Biological Feature based Steganography Method.-Dual-Band THz Absorption Based Refractive Index Sensor for Bio-Sensing -- A Descriptive Analysis on various Depression Detection Models of Human Brain: A review article -- Implementing a Calibration System for Demand Pacemaker using a Web-based Approach -- Common Smart Stick for Blind and Elderly People to Detect Environmental Factors and Free Navigation -- Wearable health monitoring systems for Sweat analysis -- FPGA Implementation of DNA computing and Genetic Algorithm based Medical Image Encryption Technique.

| Sommario/riassunto | This CCIS post conference volume constitutes the proceedings of the Second International Conference, ICBEST 2023, in Raipur, India, in February 2023. The 32 full papers together in this volume were carefully reviewed and selected from 60 submissions. The conference's fundamental theme was "Computing in Biomedical Research". They were organized in three tracks as follows: Artificial Intelligence in Healthcare; Computational Mechanics in Healthcare and Health Informatics. |