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Collana	Lecture Notes in Bioinformatics, , 2366-6331 ; ; 14848
Disciplina	572.80285
Soggetti	Bioinformatics
	Computer networks
	Engineering - Data processing
	Biomedical engineering
	Computational and Systems Biology
	Computer Communication Networks
	Data Engineering
	Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biomarker Identification -- Elucidating cancer subtypes by using epigenome and genome cross talk -- Refining Gene Selection and Outlier Detection in Glioblastoma Based on a Consensus Approach for Regularized Survival Models -- GPACDA circRNAisease association prediction with generating polynomials -- Bioinformatics analysis provides insight into the identification of miRNAs as transcriptional regulators in respiratory syncytial virus infection -- Biomedical Engineering -- Risk Factors of Recurrence and Metastasis of Breast Cancer Sub types Based on Magnetic Resonance Imaging techniques -- Analysis of a Parallel and Distributed BPSO Algorithm for EEG Classification Impact on Energy Time and Accuracy -- Nave Bayes for Health Status Predictive Monitoring in COVID 19 Leveraging Drugs and Diagnoses -- Speech Analysis for Autism Spectrum Disorder Detection for Children -- SiMHOMer Siamese Models for Health Ontologies

Merging and validation through Large Language Models -- Lossless compression of nanopore sequencing raw signals -- Medical Equipment Real Time Locating System in Hospitals based on Bluetooth Low Energy -- Validation of WHO charts mobile applications for body length and weight assessment in healthy newborns -- Predicting Atherosclerotic Plaque Onset and Growth in Carotid Arteries A CFD Driven Approach -- Hemispherical directional reflectance as a screening tool to distinguish effervescent tablets stored under stress conditions from those stored in ambient conditions -- Enhanced ergonomics in laryngoscopic surgery Exploring innovative solutions -- Maximal deadlift strength and bone mass in a group of healthy elderly men -- Multilayer Networks a survey on models analysis of algorithms and database -- Bone mineral density in middle aged former sprinters and middle aged active men -- Biomedical Signal Analysis -- Spectrum Filtering to Extract Pulse Rate Variability from Signals Recorded by Wearable Devices -- Machine Learning Model for Anxiety Disorder Diagnosis based on Sensory Time Series Data -- Analysis of the Relationship between Electrodermal Activity and Blood Glucose Level in Diabetics -- EEG Based Detection of REM Sleep Behaviour Disorder Towards a Stage Agnostic Approach -- Neural network dynamic centers of EEG alpha rhythm for objective assessment of the state of consciousness in psychopathological conditions -- Electrocardiogram and Phonocardiogram signal data fusion using Deep Learning system -- eHealth -- Application of Artificial Intelligence in Healthcare Data Analytics -- Advancements in Artificial Intelligence for Health A Rapid Review of AI based Mental Health Technologies Used in the Age of Large Language Models -- Time series models for predicting the number of patients attending the emergency department in a local hospital.

Sommario/riassunto	This volume constitutes the proceedings of the 11th International Work-Conference on IWBBIO 2023, held in Gran Canaria, Spain, during July 15-17, 2022. The 54 full papers were carefully reviewed and selected from 148 submissions. They were organized in the following topical sections: Biomarker Identification, Biomedical Engineering, Biomedical Signal Analysis, E-Health. .