1. Record Nr.   UNINA9910999670303321

Titolo   IoT and Big Data Technologies for Health Care : 4th IoT Technologies for Health Care, IotCare 2023, Leicester, UK, November 17–18, 2023, Proceedings / / edited by Zheng Zhang, Shuihua Wang

Pubbl/distr/stampa Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025

ISBN   3-031-90084-7

Edizione   [1st ed. 2025.]

Descrizione fisica 1 online resource (XIII, 463 p. 152 illus., 48 illus. in color.)

Collana   Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 521

Disciplina   610.73

Soggetti   Medical care
                   Health Care

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Nota di contenuto -- Healthcare Technologies and Innovations. -- AI and IoT for CT-based COVID-19 diagnosis. -- Real Time Monitoring Method of Running Human Heart Rate Based on Wearable Interactive Device. -- Research on Intelligent Mental Health Diagnosis and Treatment Big Data Anomaly Early Warning Algorithm. -- Research on Nursing Service Quality Evaluation Model Based on Internet of Things and Big Data Technology. -- Research on Artificial Intelligence Medical Rapid Diagnosis Method Based on Sports Injury Data. -- Research on Hierarchical Sharing Method of Athletes' Physical Health Data under the Background of Mobile Medicine. -- Medical and Health Information Retrieval Method Based on Natural Language Processing. -- Secure Storage Method of Students' Mental Health Privacy Data Based on Machine Learning. -- Educational Technologies and Teaching Resources. -- Design of Teaching Resource Sharing Model of Traditional Chinese Medicine Pharmacy Course Based on Machine Learning. -- Research on the Method of Integrating Teaching Resources of Traditional Chinese Medicine Pharmacology Based on Deep Learning Algorithm. -- Research on Patients' Choice Behavior in Online Health Community Based on Multi source Data Analysis. -- Data Processing Method of Ideological and Political Teaching Materials for Pharmacy Specialty Based on Machine Learning Model. -- Multi

Perspective Recommendation Method Based on Clustering Algorithm for Pharmaceutical Specialty Integration of Ideological and Political Teaching Materials. -- Internet of Things (IoT) Applications and Systems. -- Intelligent Evaluation Method of Students' Mental Health Based on Internet of Things Technology. -- Monitoring and Warning Method of Students' Mental Health Data Based on Internet of Things. -- Design of Low Delay Communication System for Emergency Medical Rescue Vehicle Based on Narrowband Internet of Things. -- Research on Intelligent Monitoring Method of Medical Financial Information Privacy Based on Internet of Things. -- A Method of Classifying and Querying Student Mental Health Data Based on Internet of Things Technology. -- Research on Online Early Warning of Athletes' Heart Rate Abnormal Data Considering Individual Differences. -- Intelligent Capturing Method of Sports Training Track Data Based on Wearable Sensor. -- Intelligent Capture Method of Athletes' Training Track Data Under Wearable Sensors. -- Remote Monitoring of Human Pulse of Long-distance Runners Considering Mobile Wearable Sensors. -- Exploring IoT based on Graph Neural Networks. -- IoT and Automation Systems. -- Physical Health Monitoring System of Table Tennis Players Based on Internet of Things Sensor. -- Research on Ankle Rehabilitation System of Table Tennis Players Based on Virtual Reality and Medical Internet of Things. -- A Survey on Low-dose CT Image Denoising Algorithms in IoT. -- Medical Research and Analysis. -- Financial Performance Evaluation Method of Medical Device Enterprises Based on Improved Decision Tree Algorithm. -- Metaheuristic Optimization Methods and Techniques for Multiple Sclerosis Detection. -- Use Tabu Search Particle Swarm Optimization algorithm to detect COVID-19.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 4th IoT Technologies for Health Care on IoT and Big Data Technologies for Health Care, IotCare 2023, held in Leicester, UK, during November 17–18, 2023. The 29 full papers included in this book were carefully reviewed and selected from 93 submissions. They were organized in topical sections as follows: Healthcare Technologies and Innovations; Educational Technologies and Teaching Resources; Internet of Things (IoT) Applications and Systems; IoT and Automation Systems; Medical Research and Analysis. |