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Disciplina	610.285
Soggetti	Medical informatics Artificial intelligence Image processing - Digital techniques Computer vision Application software Information storage and retrieval systems Health Informatics Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Computer and Information Systems Applications Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Biomedical data processing and model application. -- VSDQ: A Comprehensive Vaccine Stance Detection Quadruple Dataset for Analyzing Vaccine Discussions on Social Media. -- Predicting Patients' Physician Selection Behavior Based on Multimodal Data: A Comparison of Feature Engineering and End-to-End Approaches. -- Automatic Pancreatitis CT Image Segmentation Model Based on UNet and SE Module. -- Utilizing Retrieval-Augmented Generation for Open-Domain Question Answering in Healthcare. -- Self-supervised learning driven doctor recommendation model: combining communication

ability and professional competence. -- Prompt-Aware Large Language Model for Sleep Stages Classification. -- Research on Classification Methods for Public Health Question Based on Model Ensemble and Voting Mechanisms. -- A 3D MRI brain image segmentation and reconstruction system based on Augmented Reality Technology. -- Analysis of Hospitalization Data before, during and after the COVID19 Epidemic using Short Time Series Clustering. -- Look, Imitate and Refine: A Hierarchical Multimodal Retrieval Augmented Vision-Language Model for Radiology Report Generation. -- CTGLM: A Vision-Language Model for Automated Chinese Chest CT Report Generation. -- Pattern matching of positive and negative DNA sequences with general gaps and One-off constraints. -- Mental health and disease prediction. -- Survey of Suicidal Tendency Recognition Based on Social Media. -- Global trends in the application of extended reality technology to autism research: Based on the Web of Bibliometric Analysis of Science (1999.1.1-2023.3.4). -- A Review of Machine Learning-based Assessment of Depression. -- Research Progress on Psychological Health Assessment of College Students Based on Eye Movement, EEG, and Facial Expression Recognition.

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### Sommario/riassunto

This two-volume set CCIS 2432-2433 constitutes the refereed proceedings of the 10th China Health Information Processing Conference, CHIP 2024, held in Fuzhou, China, during November 15–17, 2024. The 32 full papers included in this set were carefully reviewed and selected from 65 submissions. They are organized in topical sections as follows: biomedical data processing and model application; mental health and disease prediction; and drug prediction and knowledge map.

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