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Nota di contenuto	Healthcare Natural Language Processing -- Corpus Construction for Named-Entity and Entity Relations for Electronic Medical Records of Cardiovascular Disease -- Hybrid Granularity-based medical event extraction in Chinese electronic medical records -- Infusing Dependency Syntax Information into a Transformer Model for Document-Level Relation Extraction from Biomedical Literature -- A Review of Biomedical Event Trigger Word Detection -- BG-INT: An Entity Alignment Interaction Model Based on BERT and GCN -- An

Semantic Similarity Matching Method for Chinese Medical Question Text -- A Biomedical Named Entity Recognition Framework with Multi-Granularity Prompt Tuning -- Healthcare Data Mining and Applications -- Automatic Extraction of Genomic Variants for Locating Precision Oncology Clinical Trials -- Identification of sepsis subphenotypes based on bi-directional long short-term memory Auto-Encoder using real-time laboratory data collected from intensive care units -- Machine Learning for Multimodal Electronic Health Records-based Research: Challenges and Perspectives -- An End-to-End Knowledge Graph Based Question Answering Approach for COVID-19 -- Discovering Combination Patterns of Traditional Chinese Medicine for the Treatment of Gouty Arthritis with Renal Dysfunction -- Automatic Classification of Nursing Adverse Events Using a Hybrid Neural Network Model -- Node research on the involvement of China's carbon tax policy in the context of COVID-19.

Sommario/riassunto	This book constitutes refereed proceedings of the 8th China Conference on China Health Information Processing Conference 2022 held in Hangzhou, China from August 26–28, 2022. The 14 full papers presented in this volume were carefully reviewed and selected from a total of 35 submissions. The papers in the volume are organised according to the following topical headings: healthcare natural language processing;healthcare data mining and applications.