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	Nota di contenuto	Security and Privacy -- Software and application security -- Non-intrusive and privacy preserving activity recognition system for infants exploiting smart toys -- Human-centered Computing - Ubiquitous and mobile computing -- Co-design the acceptability of Wearables in the Healthcare field -- Evaluations on Pending Regulation on Ethical Review Measures for Biomedical Research Involving Human Subjects and Artificial Intelligence -- Integration of Wearable, Persuasive, and Multimedia Design Principles in Enhancing Depression Awareness: A Conceptual Mode -- Information Systems – Information retrieval -- A Comparative Study of Data Mining Techniques applied to Renal-Cell Carcinomas -- Predicting Diabetes Disease in the Female Adult

Population, using Data Mining -- Not Just A Matter of Accuracy: A fNIRS Pilot Study into Discrepancy between Sleep Data and Subjective Sleep Experience in Quantified-Self Sleep Tracking -- Detection of Diabetic Retinopathy Using CNN -- Pulp Stone Detection Using Deep Learning Techniques -- Identification of Drug-Drug Interactions Using OCR -- Applied computing - Physical sciences and engineering -- Patients behaviour monitoring inside a hospital garden: comparison between RADAR and GPS solutions -- IoT-Enabled Analysis of Subjective Sound Quality Perception Based on Out-of-Lab Physiological Measurements -- CS-Based Decomposition of Acoustic Stimuli-Driven GSR Peaks Sensed by an IoT-Enabled Wearable GAIToe: Gait Analysis Utilizing an IMU for Toe Walking Detection and Intervention -- Applied computing – Life and Medical sciences 16 Prediction of Conversion to Alzheimer's Disease using 3D-DWT and PCA -- DIY Wrist-Worn Device for Physiological Monitoring: Metrological Evaluation at Different Band Tightening Levels.

Sommario/riassunto	This proceedings constitutes the refereed proceedings of the 8th International Conference on IoT Technologies for Healthcare, HealthyIoT 2021, held in November 2021. Due to COVID-19 pandemic the conference was held virtually. The 17 full papers presented were carefully selected from 40 submissions. The papers are organized in topical sections on security and privacy - software and application security; human-centered computing - ubiquitous and mobile computing; information systems – information retrieval; applied computing - physical sciences and engineering; applied computing – life and medical sciences.