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Prevention and Treatment of Occupational Stress"

"Augmented Reality Cube Game for Cognitive Training: An Interaction Study"
"Mobile Display of Information About Aggregated Antibiotic Resistance in the Hospital Setting Supported by Near Field Communication"; "Wearable and Implantable Devices and Systems"; "Reflection/Transmission Study of Two Fabrics with Microwave Properties"; "Human Activity Classification with Inertial Sensors"; "Transcutaneous Assessment of Glomerular Filtration Rate"; "Inter-BAN Interference Mitigation: A Correlated Equilibrium Perspective"
"A Mobile System for the Collection of Clinical Data and EEG Signals by Using the Sana Platform"
"A Vital Signs Telemonitoring System - Interoperability Supported by a Personal Health Record System and a Cloud Service"; "Security, Privacy, Safety, Trust and Ethics"; "Trust Information and Privacy Policies - Enablers for pHHealth and Ubiquitous Health"; "End-to-End Encryption for Personal Telehealth Systems"; "Towards Assisted Moderation in Online Healthcare Social Networks: Improving Trust in YouTube Searches"; "Posters"
"Applying Open Source Data Visualization Tools to Standard Based Medical Data"
"Evaluation Study for a Multi-User Oriented Medical Data Visualization Method"; "Embedded Sensor Systems for Health - Providing the Tools in Future Healthcare"; "The ELF@Home Project: Elderly sELF-Care Based on sELF-Check of Health Conditions and sELF-Fitness at Home"; "Design and Implementation of a Personal Health Record System for Diabetes Mellitus Type 2 Monitoring"; "The Impact of Computerized Decision Aid on Mode of Delivery - A Study Protocol"
"Accuracy in Pedometers: Dependent on the Technology for Measurement?"

Sommario/riassunto

Microsystems, smart textiles, telemedicine, mobile computing, smart implants, sensor-controlled medical devices, and innovative sensor and actuator principles and techniques have become important enablers, not only for monitoring, diagnosis and treatment in both inpatient and outpatient care, but also for personalized, preventive, predictive participative systems medicine. This book contains the proceedings of pHHealth 2014, the 11th in a series of successful international conferences on wearable or implantable micro and nano technologies for personalized medicine, held in Vienna, Austria, in J
