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	Soggetti	Biomedical engineering Age distribution (Demography) User interfaces (Computer systems) Human-computer interaction Application software Medical and Health Technologies Aging Population User Interfaces and Human Computer Interaction Computer and Information Systems Applications
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Contigo: Monitoring People's Activity App for Anomalies Detection -- SAMoA: A Self-Adaptive Mobility Monitoring Framework for MCI Elderly People and their Caregivers -- Blockchain-supported health registry: the claim for a Personal Health Trajectory traceability and how it can be achieved -- A graph-based healthcare system for quantum simulation of medication administration in the aging people -- Distributed Sustainable IoT Architecture for Detecting Loneliness in Isolated Rural Areas -- Software Product Lines for Industrial Robots: A Pilot Case with Arduino -- Accessible and Personalised Environments for the Care of Older People in the Home Environment -- Acceptance of digital tools for healthy aging. New challenges for Nursing -- Satisfaction: a concept based on Functionality and Quality of life to be integrated in a Nursing

Care Performance System -- Age-friendly primary health care: A scoping review.

| Sommario/riassunto | This book gathers peer-review contributions to the 4th International Workshop on Gerontechnology, IWoG 2021, held on November 23-24, 2021, in Évora, Portugal. They report on cutting-edge technologies and optimized workflows for promoting active aging and assisting elderly people at home, as well as in healthcare centers. They discuss the main challenges in the development, use and delivery of health care services and technologies. Not only they propose solutions for improving in practice the monitoring and management of health parameters and age-related diseases, yet they also describe improved approaches for helping seniors in their daily tasks and facilitating their communication and integration with assistive technologies, thus improving their quality of life, as well as their social integration. All in all, this book provides health professionals, researchers, and service providers with extensive information on the latest trends in the development and practical applicationof gerontechnology, with a special emphasis on improving quality of life of the elderly. |