1. Record Nr. UNINA9910465192603321

Titolo	Handbook of ambient assisted living [[electronic resource]] : technology for healthcare, rehabilitation and well-being / / edited by Juan Carlos Augusto ... [et al.]
Pubbl/distr/stampa	Amsterdam ; ; Washington, D.C., : IOS Press, c2012
ISBN	6613433004 1-283-43300-1 9786613433008 1-60750-837-0
Descrizione fisica	1 online resource (884 p.)
Collana	Ambient intelligence and smart environments, , 1875-4163 ; ; v. 11
Altri autori (Persone)	AugustoJuan Carlos
Disciplina	004/.01/9
Soggetti	Computers and older people Human-computer interaction Assistive computer technology Congregate housing - Information services Older people - Long-term care - Information services Internet and older people Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Title Page; Foreword; Contents; Ambient Assisted Living in the Health Space; AAL in the Health Space - A Reflection; Electronic-Early Warning Scorecard: An Intelligent Context Aware Decision Making Approach for Patient Monitoring; Using Human Factors to Guide the Design and Implementation of Consumer Health Informatics Interventions; The National Health Service in England - Moving to Mainstream Use of Ambient Assisted Living Technology; Telehealthcare Development & Effectiveness in Taiwan; Study on Future Trend of the Elderly Care from the Aspect of Assistive Technology Rental System in Japan In-Home Monitoring Technologies: Perspectives and Priorities of Older AdultsDevices and Infrastructure to Facilitate Ambient Assisted Living; Devices and Infrastructure to Facilitate AAL; Biometrics in Healthcare -

A Research Overview; Face Recognition in Ambient Intelligence Applications; Biometric Monitoring of Behaviour; Medical Information Management with ECG Biometrics: A Secure and Effective Framework; Happy Healthy Home; Adaptive Neck Support for Wellbeing During Air Travel; Gait Profile - A Biometric that Defines Our Mobility; Ambient Assisted Living in Gerontology
Gerontological Perspectives on Ambient Assisted LivingMonitoring Patterns of Inactivity in the Home with Domotics Networks; The Role of Assistive Technology in Supporting Formal Carers; Ambient Assisted Living Technology to Support Older Adults with Dementia with Activities of Daily Living: Key Concepts and the State of the Art; Tracking Natural Human Movements Identifies Differences in Cognition and Health; AAL Markets - Knowing Them, Reaching Them. Evidence from European Research; Delivering Technology Enriched Health and Social Care: Policy Context for User Focused Research
Smart Homes as a Vehicle for Ambient Assisted LivingSmart Homes as a Vehicle for AAL; Designing Ambient and Personalised Displays to Encourage Healthier Lifestyles; Supporting Wellbeing Through Improving Interactions and Understanding in Self-Monitoring Systems; Sensor Selection to Support Practical Use of Health-Monitoring Smart Environments; Utilization of Cloud Infrastructures for Pervasive Healthcare Applications; Smart Living Environment: Ubiquitous Computing Approach Based on TRON Architecture; Applications of Ambient Assisted Living in Rehabilitation
Introduction to Section on AAL for RehabilitationICT Infrastructures for Telerehabilitation; AAL in Cardiac Rehabilitation; Smart Home Technologies for People with Cognitive Impairment: An Affordable, Rehabilitative Approach; AAL Technologies in Rehabilitation - Lessons Learned from a COPD Case Study; Assisted Ambient Living Applied to Remote Motor Rehabilitation; Home-Based Computer Vision Access Technologies for Individuals with Severe Motor Impairments; Ambient Assisted Living Initiatives; Preparation and Start-Up Phase of the European AAL Joint Programme
The universAAL Reference Model for AAL

Sommario/riassunto

The world's population is aging dramatically and in most countries the cost of care is rising rapidly. We need a system which helps to minimize the onset of chronic conditions which are costly to treat and diminish quality of life, rather than one primarily directed towards the care of the sick. Innovative use of new technologies may be the only way to provide care affordably in future and to scale that care to far greater numbers as our societies adapt to change. Ambient Assisted Living (AAL) can provide a solution. More integration between the health system and life at home and work will ben

2. Record Nr. UNINA9910557129303321

Autore	Drake Henrik
Titolo	Tracking the Deep Biosphere through Time
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (168 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Deep biosphere research is at the scientific frontier of bio- and geo-related sciences, yet it is largely underexplored. In terms of volume, deep subsurface settings represent some of the largest microbial habitats on the planet, and the combined biomass of the deep biosphere encompasses the largest living reservoir of carbon, excluding land plants. However, the paleo-record of the deep biosphere is still largely uncharted and neglected. The aim of this book is to highlight current research on deep life through time and bring together researchers with various perspectives. The book presents a collection of scientific contributions that provide a sample of forefront research in this field. The contributions involve a range of case studies of deep ancient life in continental and oceanic settings, of microbial diversity in sub-seafloor environments, and of the isolation of calcifying bacteria, as well as reviews on clay mineralization of fungal biofilms and on the carbon isotope records of the deep biosphere. Deciphering the fossil record of the deep biosphere is a challenging task but, when successful, will unlock doors to life's cryptic past.