

Table of Contents

Real-world ADL Recognition with Deep Learning and Smartwatches: A Pilot Study <i>Mustafa Elhadi Ahmed, Hongnian Yu, Michael Vassallo, and Pelagia Koufaki</i>	1
Challenges and Strategies of Inter-Disciplinary Research and Development: Lessons from a Telehealth Project <i>Wei Zhou, Andy Li, Rashina Hoda, Chris Bain, Sam Georgy, Teresa O'Brien, Mahima Kalla, Olivia Metcalf, Wendy Chapman, and Peter Poon</i>	8
Hip Fracture Patient Pathways and Agent-based Modelling <i>Alison N. O'Connor, Stephen E. Ryan, Gauri Vaidya, Paul Harford, and Meghana Kshirsagar</i>	11
User and Developer Perspectives of Technology Enabled Care <i>Derek Ross, Ann-Marie Morrissey, Ita Richardson, Deepa Narasimha, Gobe Leinaeng Mphusu, Kevin Moore, and Katie Crowley</i>	17
Qawqaa: Aural Rehabilitation System for Children with Cochlear Implant Using Virtual Reality (VR) <i>Leenah AlMashari, Sadeem AlSudais, and Meriam Kefi</i>	23
Fundamental Skills for Learning Strategies Based on Multiple Intelligences-Based on 192 Cases of Problematic Behavior in Vocational Training <i>Norikatsu Fujita and Sho Aoki</i>	26
Mobile App Use among Chronic Pain Patients - A Gamified Approach <i>Anabela Marques and Duarte Duque</i>	32
Transforming Healthcare: The Role of AI and Informatics in Modern Medical Support <i>Amit Srivastava</i>	37
Social Engagement Embeddings of Parkinson's Disease through Autoencoders <i>Ting Xiao, Poulomi Guha, and Ali Shah Tajuddin</i>	43
Does Complexity Pay Off? Applying Advanced Algorithms to Depression Detection on the GLOBEM Dataset <i>Sebastian Cavada, Alvaro Berobide, and Yevheniia Kryklyvets</i>	48
AI-based Estimation of Lower Limb Joint Moments in Stance Phase Using a Single Wearable Inertial Sensor <i>Kyoko Shibata and Kohei Watanabe</i>	53