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List of Publications by Year
in descending order

15 papers	381 citations	1307366 7 h-index	1125617 13 g-index
15 all docs	15 docs citations	15 times ranked	322 citing authors

#	Article	IF	Citations
1	Design guidelines and usability for cognitive stimulation through technology in Mexican older adults. Informatics for Health and Social Care, 2022, 47, 103-119.	1.4	9
2	A machine learning approach for semi-automatic assessment of IADL dependence in older adults with wearable sensors. International Journal of Medical Informatics, 2022, 157, 104625.	1.6	12
3	Design of an Adaptable mHealth System Supporting a Psycho-educational Program for Pregnant Women with SGA Foetuses. Lecture Notes in Computer Science, 2021, , 125-135.	1.0	2
4	Reducing Response Time in Motor Imagery Using A Headband and Deep Learning. Sensors, 2020, 20, 6730.	2.1	13
5	A CNN-LSTM Deep Learning Classifier for Motor Imagery EEG Detection Using a Low-invasive and Low-Cost BCI Headband. , 2020, , .		25
6	A Microservices e-Health System for Ecological Frailty Assessment Using Wearables. Sensors, 2020, 20, 3427.	2.1	27
7	Design guide and usability questionnaire to develop and assess VIRTRAEL, a web-based cognitive training tool for the elderly. Behaviour and Information Technology, 2020, , 1-20.	2.5	2
8	Designing a Smart Mobile Health System for Ecological Frailty Assessment in Elderly. Proceedings (mdpi), 2019, 31, .	0.2	4
9	Supporting Active Ageing Interventions with Web and Mobile/Wearable Technologies and Using Microservice Oriented Architectures. Communications in Computer and Information Science, 2019, , 114-123.	0.4	0
10	Visual Working Memory Training of the Elderly in VIRTRAEL Personalized Assistant. Intelligent Systems Reference Library, 2018, , 57-76.	1.0	2
11	SIGUEME: Technology-based intervention for low-functioning autism to train skills to work with visual signifiers and concepts. Research in Developmental Disabilities, 2017, 64, 25-36.	1.2	12
12	Training Working Memory in Elderly People with a Computer-Based Tool. Lecture Notes in Computer Science, 2016, , 530-536.	1.0	3
13	Challenges in software applications for the cognitive evaluation and stimulation of the elderly. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 88.	2.4	15
14	Mobile learning technology based on iOS devices to support students with special education needs. Computers and Education, 2013, 61, 77-90.	5.1	251
15	Applying model-driven engineering to a method for systematic treatment of NFRs in AmI systems. Journal of Ambient Intelligence and Smart Environments, 2013, 5, 287-310.	0.8	4