Jesus Fontecha

List of Publications by Year
in descending order

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		759233	642732
45	589	12	23
papers	citations	h-index	g-index

46	46	46	831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Telehealth Secure Solution to Provide Childhood Obesity Monitoring. Sensors, 2022, 22, 1213.	3.8	1
2	Use and Trends of Diabetes Self-Management Technologies: A Correlation-Based Study. Journal of Diabetes Research, 2022, 2022, 1-15.	2.3	2
3	Characterisation of mobile-device tasks by their associated cognitive load through EEG data processing. Future Generation Computer Systems, 2020, 113, 380-390.	7.5	15
4	An Affective and Cognitive Toy to Support Mood Disorders. Informatics, 2020, 7, 48.	3.9	3
5	A usability study of a mHealth system for diabetes self-management based on framework analysis and usability problem taxonomy methods. Journal of Ambient Intelligence and Humanized Computing, 2019, , 1.	4.9	8
6	Using Conversational Assistants and Connected Devices to Promote a Responsible Energy Consumption at Home. Proceedings (mdpi), 2019, 31, .	0.2	1
7	An Internet of Things infrastructure for gait characterization in assisted living environments and its application in the discovery of associations between frailty and cognition. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988354.	2.2	3
8	Relationship between stride interval variability and aging: use of linear and non-linear estimators for gait variability assessment in assisted living environments. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2095-2109.	4.9	6
9	A multi-site study on walkability, data sharing and privacy perception using mobile sensing data gathered from the mk-sense platform. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2199-2211.	4.9	4
10	Analysis of Cognitive Load Using EEG when Interacting with Mobile Devices. Proceedings (mdpi), 2019, 31, .	0.2	13
11	Associations between Commonly Used Characteristics in Frailty Assessment and Mental State in Frail Elderly People. Proceedings (mdpi), 2018, 2, .	0.2	3
12	m-Health: Lessons Learned by m-Experiences. Sensors, 2018, 18, 1569.	3.8	26
13	Smart Device-Based Notifications to Promote Healthy Behavior Related to Childhood Obesity and Overweight. Sensors, 2018, 18, 271.	3.8	4
14	Usability and Acceptance of a Mobile and Cloud-Based Platform for Supporting Diabetes Self-management. Lecture Notes in Computer Science, 2017, , 227-239.	1.3	1
15	Comparison between passive vision-based system and a wearable inertial-based system for estimating temporal gait parameters related to the GAITRite electronic walkway. Journal of Biomedical Informatics, 2016, 62, 210-223.	4.3	35
16	A Proposal for Long-Term Gait Monitoring in Assisted Living Environments Based on an Inertial Sensor Infrastructure. Lecture Notes in Computer Science, 2016, , 300-305.	1.3	1
17	Estimation of Temporal Gait Events from a Single Accelerometer Through the Scale-Space Filtering Idea. Journal of Medical Systems, 2016, 40, 251.	3.6	14
18	An Ambulatory System for Gait Monitoring Based on Wireless Sensorized Insoles. Sensors, 2015, 15, 16589-16613.	3.8	83

#	Article	IF	Citations
19	A Sensorized and Health Aspect-Based Framework to Improve the Continuous Monitoring on Diseases Using Smartphones and Smart Devices. Lecture Notes in Computer Science, 2015, , 68-73.	1.3	1
20	Can Videogames Improve Executive Functioning? A Research Based on Computational Neurosciences. Lecture Notes in Computer Science, 2015, , 201-212.	1.3	0
21	Towards Context-Aware and User-Centered Analysis in Assistive Environments:. Journal of Medical Systems, 2015, 39, 291.	3.6	5
22	Mobile Monitoring Framework to Design Parameterized and Personalized m-Health Applications According to the Patientâ€™s Diseases. Journal of Medical Systems, 2015, 39, 132.	3.6	8
23	NFC as a Childhood Obesity Treatment Tool. Journal of Medical Systems, 2015, 39, 96.	3.6	6
24	Mobile Services Infrastructure for Frailty Diagnosis Support based on Gowerâ€™s Similarity Coefficient and Treemaps. Mobile Information Systems, 2014, 10, 127-146.	0.6	6
25	Mobile and ubiquitous architecture for the medical control of chronic diseases through the use of intelligent devices: Using the architecture for patients with diabetes. Future Generation Computer Systems, 2014, 34, 161-175.	7.5	33
26	An Assistive Navigation System Based on Augmented Reality and Context Awareness for People With Mild Cognitive Impairments. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 368-374.	6.3	55
27	A High-Level Model for a Healthy Smart City. Lecture Notes in Computer Science, 2014, , 386-389.	1.3	3
28	A Framework to Design Parameterized and Personalized m-health Applications according to the Patientâ€™s Diseases. Lecture Notes in Computer Science, 2014, , 417-420.	1.3	0
29	Elderly frailty detection by using accelerometer-enabled smartphones and clinical information records. Personal and Ubiquitous Computing, 2013, 17, 1073-1083.	2.8	61
30	Mobile Monitoring and Reasoning Methods to Prevent Cardiovascular Diseases. Sensors, 2013, 13, 6524-6541.	3.8	35
31	An Integral Medicine Taking Solution for Mild and Moderate Alzheimer Patients. Lecture Notes in Computer Science, 2013, , 104-111.	1.3	5
32	A Mobile and Ubiquitous Approach for Supporting Frailty Assessment in Elderly People. Journal of Medical Internet Research, 2013, 15, e197.	4.3	40
33	A Friendly Navigation-System Based on Points of Interest, Augmented Reality and Context-Awareness. Lecture Notes in Computer Science, 2012, , 137-144.	1.3	8
34	RFID and NFC in Hospital Environments: Reaching a Sustainable Approach. Lecture Notes in Computer Science, 2012, , 125-128.	1.3	3
35	A Model to Develop Frailty Diagnosis Tools through Mobile Devices and a Service-Oriented Approach. Lecture Notes in Computer Science, 2012, , 375-382.	1.3	1
36	A mobile proposal for frailty monitoring by rehabilitation and physical daily activity. , 2011, , .		7

#	Article	IF	Citations
37	An NFC Approach for Nursing Care Training. , 2011, , .		14
38	Awareness marks: adaptive services through user interactions with augmented objects. Personal and Ubiquitous Computing, 2011, 15, 409-418.	2.8	26
39	Using and Applying MobiPattern to Design MoMo Framework Modules. Lecture Notes in Computer Science, 2011, , 25-32.	1.3	0
40	Meta-context: Putting Context-Awareness into Context. Lecture Notes in Computer Science, 2011, , 296-305.	1.3	0
41	Mobile Prescription: An NFC-Based Proposal for AAL. , 2010, , .		23
42	Touch-Based Servicesâ€™ Catalogs for AAL. Lecture Notes in Computer Science, 2010, , 459-462.	1.3	4
43	A Proposal for Mobile Diabetes Self-control: Towards a Patient Monitoring Framework. Lecture Notes in Computer Science, 2009, , 870-877.	1.3	19
44	From Implicit to Touching Interaction by Identification Technologies: Towards Tagging Context. Lecture Notes in Computer Science, 2009, , 417-425.	1.3	2
45	Exploring Context Semantics for Proactive Cooperative Visualization. Lecture Notes in Computer Science, 2009, , 52-55.	1.3	1