

Jesus Fontecha

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

589
citations

759233

12
h-index

642732

23
g-index

46
all docs

46
docs citations

46
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ambulatory System for Gait Monitoring Based on Wireless Sensorized Insoles. <i>Sensors</i> , 2015, 15, 16589-16613.	3.8	83
2	Elderly frailty detection by using accelerometer-enabled smartphones and clinical information records. <i>Personal and Ubiquitous Computing</i> , 2013, 17, 1073-1083.	2.8	61
3	An Assistive Navigation System Based on Augmented Reality and Context Awareness for People With Mild Cognitive Impairments. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 368-374.	6.3	55
4	A Mobile and Ubiquitous Approach for Supporting Frailty Assessment in Elderly People. <i>Journal of Medical Internet Research</i> , 2013, 15, e197.	4.3	40
5	Mobile Monitoring and Reasoning Methods to Prevent Cardiovascular Diseases. <i>Sensors</i> , 2013, 13, 6524-6541.	3.8	35
6	Comparison between passive vision-based system and a wearable inertial-based system for estimating temporal gait parameters related to the GAITRite electronic walkway. <i>Journal of Biomedical Informatics</i> , 2016, 62, 210-223.	4.3	35
7	Mobile and ubiquitous architecture for the medical control of chronic diseases through the use of intelligent devices: Using the architecture for patients with diabetes. <i>Future Generation Computer Systems</i> , 2014, 34, 161-175.	7.5	33
8	Awareness marks: adaptive services through user interactions with augmented objects. <i>Personal and Ubiquitous Computing</i> , 2011, 15, 409-418.	2.8	26
9	m-Health: Lessons Learned by m-Experiences. <i>Sensors</i> , 2018, 18, 1569.	3.8	26
10	Mobile Prescription: An NFC-Based Proposal for AAL. , 2010, , .		23
11	A Proposal for Mobile Diabetes Self-control: Towards a Patient Monitoring Framework. <i>Lecture Notes in Computer Science</i> , 2009, , 870-877.	1.3	19
12	Characterisation of mobile-device tasks by their associated cognitive load through EEG data processing. <i>Future Generation Computer Systems</i> , 2020, 113, 380-390.	7.5	15
13	An NFC Approach for Nursing Care Training. , 2011, , .		14
14	Estimation of Temporal Gait Events from a Single Accelerometer Through the Scale-Space Filtering Idea. <i>Journal of Medical Systems</i> , 2016, 40, 251.	3.6	14
15	Analysis of Cognitive Load Using EEG when Interacting with Mobile Devices. <i>Proceedings (mdpi)</i> , 2019, 31, .	0.2	13
16	A Friendly Navigation-System Based on Points of Interest, Augmented Reality and Context-Awareness. <i>Lecture Notes in Computer Science</i> , 2012, , 137-144.	1.3	8
17	Mobile Monitoring Framework to Design Parameterized and Personalized m-Health Applications According to the Patient's Diseases. <i>Journal of Medical Systems</i> , 2015, 39, 132.	3.6	8
18	A usability study of a mHealth system for diabetes self-management based on framework analysis and usability problem taxonomy methods. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, , 1.	4.9	8

#	ARTICLE	IF	CITATIONS
19	A mobile proposal for frailty monitoring by rehabilitation and physical daily activity. , 2011, , .		7
20	Mobile Services Infrastructure for Frailty Diagnosis Support based on Gower's Similarity Coefficient and Treemaps. Mobile Information Systems, 2014, 10, 127-146.	0.6	6
21	NFC as a Childhood Obesity Treatment Tool. Journal of Medical Systems, 2015, 39, 96.	3.6	6
22	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
23	Towards Context-Aware and User-Centered Analysis in Assistive Environments:. Journal of Medical Systems, 2015, 39, 291.	3.6	5
24	An Integral Medicine Taking Solution for Mild and Moderate Alzheimer Patients. Lecture Notes in Computer Science, 2013, , 104-111.	1.3	5
25	Smart Device-Based Notifications to Promote Healthy Behavior Related to Childhood Obesity and Overweight. Sensors, 2018, 18, 271.	3.8	4
26	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
27	Touch-Based Services' Catalogs for AAL. Lecture Notes in Computer Science, 2010, , 459-462.	1.3	4
28	Associations between Commonly Used Characteristics in Frailty Assessment and Mental State in Frail Elderly People. Proceedings (mdpi), 2018, 2, .	0.2	3
29	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
30	An Affective and Cognitive Toy to Support Mood Disorders. Informatics, 2020, 7, 48.	3.9	3
31	A High-Level Model for a Healthy Smart City. Lecture Notes in Computer Science, 2014, , 386-389.	1.3	3
32	RFID and NFC in Hospital Environments: Reaching a Sustainable Approach. Lecture Notes in Computer Science, 2012, , 125-128.	1.3	3
33	From Implicit to Touching Interaction by Identification Technologies: Towards Tagging Context. Lecture Notes in Computer Science, 2009, , 417-425.	1.3	2
34	Use and Trends of Diabetes Self-Management Technologies: A Correlation-Based Study. Journal of Diabetes Research, 2022, 2022, 1-15.	2.3	2
35	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
36	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

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37	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
38	Using Conversational Assistants and Connected Devices to Promote a Responsible Energy Consumption at Home. Proceedings (mdpi), 2019, 31, .	0.2	1
39	Exploring Context Semantics for Proactive Cooperative Visualization. Lecture Notes in Computer Science, 2009, , 52-55.	1.3	1
40	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
41	Telehealth Secure Solution to Provide Childhood Obesity Monitoring. Sensors, 2022, 22, 1213.	3.8	1
42	Can Videogames Improve Executive Functioning? A Research Based on Computational Neurosciences. Lecture Notes in Computer Science, 2015, , 201-212.	1.3	0
43	Using and Applying MobiPattern to Design MoMo Framework Modules. Lecture Notes in Computer Science, 2011, , 25-32.	1.3	0
44	Meta-context: Putting Context-Awareness into Context. Lecture Notes in Computer Science, 2011, , 296-305.	1.3	0
45	A Framework to Design Parameterized and Personalized m-health Applications according to the Patient's Diseases. Lecture Notes in Computer Science, 2014, , 417-420.	1.3	0