

Luis Fernandez-Luque

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

2,026
citations

23
h-index

42
g-index

123
ext. papers

2,606
ext. citations

3.8
avg, IF

5.2
L-index

#	Paper	IF	Citations
92	Adherence to Growth Hormone Treatment Using a Connected Device in Latin America: Real-World Exploratory Descriptive Analysis Study.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e32626	5.5	0
91	Description of a Digital Health Platform for Emotional and Self-Management Support of Caregivers of Children Receiving Growth Hormone Treatment.. <i>Studies in Health Technology and Informatics</i> , 2022 , 289, 290-292	0.5	
90	Applying Collective Intelligence in Health Recommender Systems for Smoking Cessation: A Comparison Trial. <i>Electronics (Switzerland)</i> , 2022 , 11, 1219	2.6	1
89	The Pandemic, Infodemic, and People's Resilience in India: Viewpoint. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e31645	11.4	2
88	A User-Centered Chatbot (Wakamola) to Collect Linked Data in Population Networks to Support Studies of Overweight and Obesity Causes: Design and Pilot Study. <i>JMIR Medical Informatics</i> , 2021 , 9, e17503	3.6	3
87	Connected health for growth hormone treatment research and clinical practice: learnings from different sources of real-world evidence (RWE)-large electronically collected datasets, surveillance studies and individual patients' cases. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 136	3.6	1
86	Digital Health for Supporting Precision Medicine in Pediatric Endocrine Disorders: Opportunities for Improved Patient Care. <i>Frontiers in Pediatrics</i> , 2021 , 9, 715705	3.4	1
85	Accelerating the global response against the exponentially growing COVID-19 outbreak through decent data sharing. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 101, 115070	2.9	8
84	Comment on: Telemedicine in the management of rheumatoid arthritis: maintaining disease control with less health-care utilization. <i>Rheumatology Advances in Practice</i> , 2021 , 5, rkab032	1.1	0
83	Analysis of Diabetes Apps to Assess Privacy-Related Permissions: Systematic Search of Apps. <i>JMIR Diabetes</i> , 2021 , 6, e16146	2.7	2
82	An eHealth Framework for Managing Pediatric Growth Disorders and Growth Hormone Therapy. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27446	7.6	2
81	Digital technologies to improve the precision of paediatric growth disorder diagnosis and management. <i>Growth Hormone and IGF Research</i> , 2021 , 59, 101408	2	1
80	The future of sleep health: a data-driven revolution in sleep science and medicine. <i>Npj Digital Medicine</i> , 2020 , 3, 42	15.7	61
79	A Personalized Physical Activity Coaching App for Breast Cancer Survivors: Design Process and Early Prototype Testing. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e17552	5.5	2
78	Content Analysis of Apps for Growth Monitoring and Growth Hormone Treatment: Systematic Search in the Android App Store. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e16208	5.5	7
77	Connected Mental Health: Systematic Mapping Study. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19950	7.6	8
76	Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. <i>Methods of Information in Medicine</i> , 2020 , 59, 183-192	1.5	4

75	Personalization in Real-Time Physical Activity Coaching Using Mobile Applications: A Scoping Review. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 1738-1751	7.2	19
74	Artificial Intelligence (AI) based machine learning models predict glucose variability and hypoglycaemia risk in patients with type 2 diabetes on a multiple drug regimen who fast during ramadan (The PROFAST - IT Ramadan study). <i>Diabetes Research and Clinical Practice</i> , 2020 , 169, 108388	7.4	10
73	Benchmark on a large cohort for sleep-wake classification with machine learning techniques. <i>Npj Digital Medicine</i> , 2019 , 2, 50	15.7	21
72	A New Tool for Public Health Opinion to Give Insight Into Telemedicine: Twitter Poll Analysis. <i>JMIR Formative Research</i> , 2019 , 3, e13870	2.5	5
71	Orthopedic Surgeons' Perspectives on the Decision-Making Process for the Use of Bioprinter Cartilage Grafts: Web-Based Survey. <i>Interactive Journal of Medical Research</i> , 2019 , 8, e14028	2.1	2
70	An Evolutionary Bootstrapping Development Approach for a Mental Health Conversational Agent. <i>Studies in Health Technology and Informatics</i> , 2019 , 262, 228-231	0.5	4
69	Developing a Digital Mental Health Platform for the Arab World: From Research to Action. <i>Studies in Health Technology and Informatics</i> , 2019 , 262, 392-395	0.5	5
68	Perspectives of Orthopedic Surgeons on the Clinical Use of Bioprinted Cartilage: Qualitative Study. <i>JMIR Biomedical Engineering</i> , 2019 , 4, e12148	1.3	2
67	Health Lifestyle Data-Driven Applications Using Pervasive Computing. <i>Lecture Notes in Bioengineering</i> , 2019 , 115-126	0.8	5
66	Adversarial Unsupervised Representation Learning for Activity Time-Series. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 834-841	5	3
65	Humanitarian health computing using artificial intelligence and social media: A narrative literature review. <i>International Journal of Medical Informatics</i> , 2018 , 114, 136-142	5.3	32
64	Analyzing recommender systems for health promotion using a multidisciplinary taxonomy: A scoping review. <i>International Journal of Medical Informatics</i> , 2018 , 114, 143-155	5.3	31
63	Middle East and North African Health Informatics Association (MENAHA): Building Sustainable Collaboration. <i>Yearbook of Medical Informatics</i> , 2018 , 27, 286-291	4	8
62	Mobile and wearable technologies in healthcare for the ageing population. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 161, 233-237	6.9	53
61	Tailoring motivational health messages for smoking cessation using an mHealth recommender system integrated with an electronic health record: a study protocol. <i>BMC Public Health</i> , 2018 , 18, 698	4.1	18
60	Using the Social-Local-Mobile App for Smoking Cessation in the SmokeFreeBrain Project: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2018 , 7, e12464	2	6
59	Online Health Monitoring using Facebook Advertisement Audience Estimates in the United States: Evaluation Study. <i>JMIR Public Health and Surveillance</i> , 2018 , 4, e30	11.4	10
58	Activating Technology for Connected Health in Cancer: Protocol for a Research and Training Program. <i>JMIR Research Protocols</i> , 2018 , 7, e14	2	4

57	A biopsy of Breast Cancer mobile applications: state of the practice review. <i>International Journal of Medical Informatics</i> , 2018 , 110, 1-9	5.3	54
56	A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 618	2.8	9
55	Exergames versus self-regulated exercises with instruction leaflets to improve adherence during geriatric rehabilitation: a randomized controlled trial. <i>BMC Geriatrics</i> , 2017 , 17, 77	4.1	29
54	The Science of Sweet Dreams: Predicting Sleep Efficiency from Wearable Device Data. <i>Computer</i> , 2017 , 50, 30-38	1.6	17
53	Controversial Ebola vaccine trials in Ghana: a thematic analysis of critiques and rebuttals in digital news. <i>BMC Public Health</i> , 2017 , 17, 642	4.1	21
52	Quality of Information About Physical Activity in Breast Cancer Facebook Pages: A Preliminary Content Review 2017 ,		1
51	Knowledge and perceptions about Zika virus in a Middle East country. <i>BMC Infectious Diseases</i> , 2017 , 17, 524	4	24
50	HealthRecSys: A semantic content-based recommender system to complement health videos. <i>BMC Medical Informatics and Decision Making</i> , 2017 , 17, 63	3.6	32
49	Implementing 360° Quantified Self for childhood obesity: feasibility study and experiences from a weight loss camp in Qatar. <i>BMC Medical Informatics and Decision Making</i> , 2017 , 17, 37	3.6	11
48	The Design of a Mobile App for Promotion of Physical Activity and Self-Management in Prostate Cancer Survivors: Personas, Feature Ideation and Low-Fidelity Prototyping 2017 ,		2
47	Visualization of Wearable Data and Biometrics for Analysis and Recommendations in Childhood Obesity 2017 ,		3
46	Sleep Quality Prediction From Wearable Data Using Deep Learning. <i>JMIR MHealth and UHealth</i> , 2016 , 4, e125	5.5	81
45	All that Glitters Is not Gold: Consumer Health Informatics and Education in the Era of Social Media and Health Apps. Findings from the Yearbook 2016 Section on Consumer Health Informatics. <i>Yearbook of Medical Informatics</i> , 2016 , 25, 188-193	4	14
44	Lessons learnt from a MOOC about social media for digital health literacy. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 5636-5639	0.9	7
43	Robust Automated Human Activity Recognition and Its Application to Sleep Research 2016 ,		9
42	What's in the Store? A Review of Arabic Medical and Health Apps in the App Store 2016 ,		2
41	Analysis of Intrapartum Fetal Heart Rate According to Umbilical Arterial pH and Age of Mother. <i>IFMBE Proceedings</i> , 2016 , 1216-1221	0.2	1
40	GameUp: Exergames for Mobility A Project to Keep Elderly Active. <i>IFMBE Proceedings</i> , 2016 , 1225-1230	0.2	8

39	Social Media as Catalyzer for Connected Health: Hype or Hope? Perspectives from IMIA Working Groups. <i>Studies in Health Technology and Informatics</i> , 2016 , 225, 602-4	0.5	3
38	Panel: Big Data & Social Media for Empowering Patients with Diabetes. <i>Studies in Health Technology and Informatics</i> , 2016 , 225, 607-9	0.5	1
37	High-Throughput Screening of Inhibitory Compounds on Growth and Ethanol Production of <i>Saccharomyces cerevisiae</i> . <i>Bioenergy Research</i> , 2015 , 8, 423-430	3.1	14
36	Randomized trial of a novel game-based appointment system for a university hospital venereology unit: study protocol. <i>BMC Medical Informatics and Decision Making</i> , 2015 , 15, 23	3.6	
35	Social media for empowering people with diabetes: Current status and future trends. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 2135-8	0.9	7
34	Are exergames promoting mobility an attractive alternative to conventional self-regulated exercises for elderly people in a rehabilitation setting? Study protocol of a randomized controlled trial. <i>BMC Geriatrics</i> , 2015 , 15, 108	4.1	18
33	Health and social media: perfect storm of information. <i>Healthcare Informatics Research</i> , 2015 , 21, 67-73	3	88
32	Health Social Media and Patient-Centered Care: Buzz or Evidence? Findings from the Section "Education and Consumer Health Informatics" of the 2015 Edition of the IMIA Yearbook. <i>Yearbook of Medical Informatics</i> , 2015 , 10, 160-3	4	5
31	Analysis of health professional security behaviors in a real clinical setting: an empirical study. <i>International Journal of Medical Informatics</i> , 2015 , 84, 454-67	5.3	25
30	Retrieval of trustworthy health videos from YouTube 2014 ,		2
29	Information is in the eye of the beholder: Seeking information on the MMR vaccine through an Internet search engine 2014 , 2014, 1238-47	0.7	6
28	Free Web-based personal health records: an analysis of functionality. <i>Journal of Medical Systems</i> , 2013 , 37, 9990	5.1	39
27	A health information recommender system: Enriching YouTube health videos with Medline Plus information by the use of SnomedCT terms 2013 ,		10
26	Inferring community structure in healthcare forums. An empirical study. <i>Methods of Information in Medicine</i> , 2013 , 52, 160-7	1.5	16
25	The role of taxonomies in social media and the semantic web for health education. A study of SNOMED CT terms in YouTube health video tags. <i>Methods of Information in Medicine</i> , 2013 , 52, 168-79	1.5	23
24	Identifying Measures Used for Assessing Quality of YouTube Videos with Patient Health Information: A Review of Current Literature. <i>Interactive Journal of Medical Research</i> , 2013 , 2, e6	2.1	84
23	Misleading health-related information promoted through video-based social media: anorexia on YouTube. <i>Journal of Medical Internet Research</i> , 2013 , 15, e30	7.6	181
22	Gamification strategy on prevention of STDs for youth. <i>Studies in Health Technology and Informatics</i> , 2013 , 192, 1066	0.5	14

21	Social media in health--what are the safety concerns for health consumers?. <i>Health Information Management Journal</i> , 2012 , 41, 30-5	2.6	48
20	HealthTrust: a social network approach for retrieving online health videos. <i>Journal of Medical Internet Research</i> , 2012 , 14, e22	7.6	33
19	Pro-anorexia and pro-recovery photo sharing: a tale of two warring tribes. <i>Journal of Medical Internet Research</i> , 2012 , 14, e151	7.6	54
18	ePatients on YouTube: analysis of four experiences from the patientsRperspective. <i>Medicine 2 0</i> , 2012 , 1, e1		18
17	ePatients on YouTube: Analysis of Four Experiences From the PatientsRPerspective. <i>Medicine 2 0</i> , 2012 , 1, e1		6
16	Features of mobile diabetes applications: review of the literature and analysis of current applications compared against evidence-based guidelines. <i>Journal of Medical Internet Research</i> , 2011 , 13, e65	7.6	322
15	Review of wireless sensors networks in health applications. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 1789-93	0.9	24
14	Facebook use leads to health-care reform in Taiwan. <i>Lancet, The</i> , 2011 , 377, 2083-4	4.0	23
13	The Role of Social Media for Patients and Consumer Health. <i>Yearbook of Medical Informatics</i> , 2011 , 20, 131-138	4	8
12	Healthy Gaming - Video Game Design to promote Health. <i>Applied Clinical Informatics</i> , 2011 , 2, 128-42	3.1	72
11	Exergames For Elderly: Social exergames to persuade seniors to increase physical activity 2011 ,		68
10	Standards and Implementation of Pervasive Computing Applications 2011 , 135-158		2
9	HealthTrust 2011 ,		5
8	Review of extracting information from the Social Web for health personalization. <i>Journal of Medical Internet Research</i> , 2011 , 13, e15	7.6	36
7	Personalized health applications in the Web 2.0: the emergence of a new approach. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 1053-6	0.9	6
6	Virtual worlds to enhance Ambient-Assisted Living. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 212-5	0.9	3
5	Open Source Virtual Worlds and Low Cost Sensors for Physical Rehab of Patients with Chronic Diseases. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2010 , 76-79	0.2	1
4	The MyHealthService approach for chronic disease management based on free open source software and low cost components. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 1231-7	0.9	8

3	An analysis of personal medical information disclosed in YouTube videos created by patients with multiple sclerosis. <i>Studies in Health Technology and Informatics</i> , 2009 , 150, 292-6	0.5	33
2	Challenges and opportunities of using recommender systems for personalized health education. <i>Studies in Health Technology and Informatics</i> , 2009 , 150, 903-7	0.5	11
1	An Interdisciplinary 4th Level Education Model:Connected Health		2