

# Juan C Quiroz

## 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.

34  
papers

450  
citations

12  
h-index

20  
g-index

47  
ext. papers

769  
ext. citations

4.8  
avg. IF

4.02  
L-index

#	Paper	IF	Citations
34	Extract, transform, load framework for the conversion of health databases to OMOP.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266911	3.7	0
33	Severity Assessment and Progression Prediction of COVID-19 Patients Based on the LesionEncoder Framework and Chest CT. <i>Information (Switzerland)</i> , <b>2021</b> , 12, 471	2.6	3
32	Empirical analysis of Zipf's law, power law, and lognormal distributions in medical discharge reports. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 145, 104324	5.3	1
31	Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and metaregression. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 422-432	10.3	41
30	Development and Validation of a Machine Learning Approach for Automated Severity Assessment of COVID-19 Based on Clinical and Imaging Data: Retrospective Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e24572	3.6	19
29	Personalized mobile technologies for lifestyle behavior change: A systematic review, meta-analysis, and meta-regression. <i>Preventive Medicine</i> , <b>2021</b> , 148, 106532	4.3	10
28	Symbolic and Statistical Learning Approaches to Speech Summarization: A Scoping Review. <i>Computer Speech and Language</i> , <b>2021</b> , 72, 101305	2.8	1
27	Conversational Agents for Health and Wellbeing <b>2020</b> ,		6
26	Alexa depression and anxiety self-tests <b>2020</b> ,		4
25	Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e15823	7.6	21
24	A Mobile Social Networking App for Weight Management and Physical Activity Promotion: Results From an Experimental Mixed Methods Study. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e19991	7.6	3
23	Identifying relevant information in medical conversations to summarize a clinician-patient encounter. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 2906-2914	3	2
22	Envisioning an artificial intelligence documentation assistant for future primary care consultations: A co-design study with general practitioners. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 1695-1704	8.6	9
21	A network model of activities in primary care consultations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 1074-1082	8.6	8
20	Efficacy of a Mobile Social Networking Intervention in Promoting Physical Activity: Quasi-Experimental Study. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e12181	5.5	11
19	The Personalization of Conversational Agents in Health Care: Systematic Review. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e15360	7.6	60
18	Challenges of developing a digital scribe to reduce clinical documentation burden. <i>Npj Digital Medicine</i> , <b>2019</b> , 2, 114	15.7	20

17	Fault detection of broken rotor bar in LS-PMSM using random forests. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 116, 273-280	4.6	64
16	Emotion Recognition Using Smart Watch Sensor Data: Mixed-Design Study. <i>JMIR Mental Health</i> , <b>2018</b> , 5, e10153	6	32
15	Emotion-recognition using smart watch accelerometer data <b>2017</b> ,		12
14	Feature Selection for Activity Recognition from Smartphone Accelerometer Data. <i>Intelligent Automation and Soft Computing</i> , <b>2017</b> , 1-9	2.6	11
13	Collaborative Evolution of 3D Models <b>2015</b> , 493-510		
12	A Computational Model of Collaborative Creativity <b>2013</b> , 132-152		
11	A Computational Model of Collaborative Creativity. <i>International Journal of Knowledge and Systems Science</i> , <b>2011</b> , 2, 68-87	1.3	2
10	Towards creative design using collaborative interactive genetic algorithms <b>2009</b> ,		14
9	Document Design with Interactive Evolution. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 309-319	0.8	5
8	A Model of Creative Design Using Collaborative Interactive Genetic Algorithms <b>2008</b> , 397-416		15
7	Interactive Genetic Algorithms for User Interface Design <b>2007</b> ,		21
6	A TRAINING SIMULATION SYSTEM WITH REALISTIC AUTONOMOUS SHIP CONTROL. <i>Computational Intelligence</i> , <b>2007</b> , 23, 497-516	2.5	7
5	Interactive evolution of XUL user interfaces <b>2007</b> ,		15
4	Human guided evolution of XUL user interfaces <b>2007</b> ,		5
3	Co-Evolving Influence Map Tree Based Strategy Game Players <b>2007</b> ,		25
2	Sycophant: An API for Research in Context-Aware User Interfaces <b>2007</b> ,		1
1	Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures (Preprint)		2