

Juan C Quiroz

List of Publications by Citations

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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 | Fault detection of broken rotor bar in LS-PMSM using random forests. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 116, 273-280 | 4.6 | 64 |
| 33 | The Personalization of Conversational Agents in Health Care: Systematic Review. <i>Journal of Medical Internet Research</i> , 2019 , 21, e15360 | 7.6 | 60 |
| 32 | Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and metaregression. <i>British Journal of Sports Medicine</i> , 2021 , 55, 422-432 | 10.3 | 41 |
| 31 | Emotion Recognition Using Smart Watch Sensor Data: Mixed-Design Study. <i>JMIR Mental Health</i> , 2018 , 5, e10153 | 6 | 32 |
| 30 | Co-Evolving Influence Map Tree Based Strategy Game Players 2007 , | | 25 |
| 29 | Interactive Genetic Algorithms for User Interface Design 2007 , | | 21 |
| 28 | Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures. <i>Journal of Medical Internet Research</i> , 2020 , 22, e15823 | 7.6 | 21 |
| 27 | Challenges of developing a digital scribe to reduce clinical documentation burden. <i>Npj Digital Medicine</i> , 2019 , 2, 114 | 15.7 | 20 |
| 26 | 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> , 2021 , 9, e24572 | 3.6 | 19 |
| 25 | Interactive evolution of XUL user interfaces 2007 , | | 15 |
| 24 | A Model of Creative Design Using Collaborative Interactive Genetic Algorithms 2008 , 397-416 | | 15 |
| 23 | Towards creative design using collaborative interactive genetic algorithms 2009 , | | 14 |
| 22 | Emotion-recognition using smart watch accelerometer data 2017 , | | 12 |
| 21 | Feature Selection for Activity Recognition from Smartphone Accelerometer Data. <i>Intelligent Automation and Soft Computing</i> , 2017 , 1-9 | 2.6 | 11 |
| 20 | Efficacy of a Mobile Social Networking Intervention in Promoting Physical Activity: Quasi-Experimental Study. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e12181 | 5.5 | 11 |
| 19 | Personalized mobile technologies for lifestyle behavior change: A systematic review, meta-analysis, and meta-regression. <i>Preventive Medicine</i> , 2021 , 148, 106532 | 4.3 | 10 |
| 18 | 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> , 2020 , 27, 1695-1704 | 8.6 | 9 |

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| 17 | A network model of activities in primary care consultations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1074-1082 | 8.6 | 8 |
| 16 | A TRAINING SIMULATION SYSTEM WITH REALISTIC AUTONOMOUS SHIP CONTROL. <i>Computational Intelligence</i> , 2007 , 23, 497-516 | 2.5 | 7 |
| 15 | Conversational Agents for Health and Wellbeing 2020 , | | 6 |
| 14 | Human guided evolution of XUL user interfaces 2007 , | | 5 |
| 13 | Document Design with Interactive Evolution. <i>Studies in Computational Intelligence</i> , 2009 , 309-319 | 0.8 | 5 |
| 12 | Alexa depression and anxiety self-tests 2020 , | | 4 |
| 11 | Severity Assessment and Progression Prediction of COVID-19 Patients Based on the LesionEncoder Framework and Chest CT. <i>Information (Switzerland)</i> , 2021 , 12, 471 | 2.6 | 3 |
| 10 | 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> , 2020 , 22, e19991 | 7.6 | 3 |
| 9 | A Computational Model of Collaborative Creativity. <i>International Journal of Knowledge and Systems Science</i> , 2011 , 2, 68-87 | 1.3 | 2 |
| 8 | Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures (Preprint) | | 2 |
| 7 | Identifying relevant information in medical conversations to summarize a clinician-patient encounter. <i>Health Informatics Journal</i> , 2020 , 26, 2906-2914 | 3 | 2 |
| 6 | Sycophant: An API for Research in Context-Aware User Interfaces 2007 , | | 1 |
| 5 | Empirical analysis of Zipf's law, power law, and lognormal distributions in medical discharge reports. <i>International Journal of Medical Informatics</i> , 2021 , 145, 104324 | 5.3 | 1 |
| 4 | Symbolic and Statistical Learning Approaches to Speech Summarization: A Scoping Review. <i>Computer Speech and Language</i> , 2021 , 72, 101305 | 2.8 | 1 |
| 3 | Extract, transform, load framework for the conversion of health databases to OMOP.. <i>PLoS ONE</i> , 2022 , 17, e0266911 | 3.7 | 0 |
| 2 | Collaborative Evolution of 3D Models 2015 , 493-510 | | |
| 1 | A Computational Model of Collaborative Creativity 2013 , 132-152 | | |