Gustavo Lopez

List of Publications by Year
in descending order

28 papers	354 citations	1039880 9 h-index	839398 18 g-index
32 all docs	32 docs citations	32 times ranked	342 citing authors

#	Article	IF	Citations
1	Alexa vs. Siri vs. Cortana vs. Google Assistant: A Comparison of Speech-Based Natural User Interfaces. Advances in Intelligent Systems and Computing, 2018, , 241-250.	0.5	116
2	User Experience Comparison of Intelligent Personal Assistants: Alexa, Google Assistant, Siri and Cortana. Proceedings (mdpi), 2019, 31, .	0.2	45
3	Automatic recognition of the American sign language fingerspelling alphabet to assist people living with speech or hearing impairments. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 625-635.	3.3	43
4	What Makes Agile Software Development Agile?. IEEE Transactions on Software Engineering, 2022, 48, 3523-3539.	4.3	21
5	Creating TUIs Using RFID Sensors—A Case Study Based on the Literacy Process of Children with Down Syndrome. Sensors, 2015, 15, 14845-14863.	2.1	16
6	UX Evaluation with Standardized Questionnaires in Ubiquitous Computing and Ambient Intelligence: A Systematic Literature Review. Advances in Human-Computer Interaction, 2021, 2021, 1-22.	1.8	16
7	Human aspects of ubiquitous computing: a study addressing willingness to use it and privacy issues. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 497-511.	3.3	14
8	Prevalence, common causes and effects of technical debt: Results from a family of surveys with the IT industry. Journal of Systems and Software, 2022, 184, 111114.	3.3	11
9	Smartness and Technical Readiness of Latin American Cities: A Critical Assessment. IEEE Access, 2018, 6, 56839-56850.	2.6	10
10	A Mobile Application That Allows Children in the Early Childhood to Program Robots. Mobile Information Systems, 2016, 2016, 1-12.	0.4	9
11	Human–Objects Interaction: A Framework for Designing, Developing and Evaluating Augmented Objects. International Journal of Human-Computer Interaction, 2014, 30, 787-801.	3.3	8
12	Pitfalls and Solutions for Technical Debt Management in Agile Software Projects. IEEE Software, 2021, 38, 42-49.	2.1	5
13	Smart Device-Based Notifications to Promote Healthy Behavior Related to Childhood Obesity and Overweight. Sensors, 2018, 18, 271.	2.1	4
14	Ubiquitous Notification Mechanism to Provide User Awareness. Advances in Intelligent Systems and Computing, 2016, , 689-700.	0.5	4
15	Using Non-Traditional Interfaces to Support Physical Therapy for Knee Strengthening. Journal of Medical Systems, 2016, 40, 194.	2.2	3
16	User Experience Evaluation of Voice Interfaces: A Preliminary Study of Games for Seniors and the Elderly. Proceedings (mdpi), 2019, 31, .	0.2	3
17	A Gesture-Based Interaction Approach for Manipulating Augmented Objects Using Leap Motion. Lecture Notes in Computer Science, 2015, , 231-243.	1.0	3
18	Building a Personalized Cancer Treatment System. Journal of Medical Systems, 2017, 41, 28.	2.2	2

#	Article	IF	Citations
19	Development and Evaluation of Augmented Object Prototypes for Notifications in Collaborative Writing Environments. Advances in Intelligent Systems and Computing, 2017, , 301-312.	0.5	2
20	Improving Packaging Design Using Virtual Reality in the Market Research Process. Proceedings (mdpi), 2019, 31, .	0.2	2
21	A conceptual framework for smart device-based notifications. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	3.3	2
22	Technical and Nontechnical Prioritization Schema for Technical Debt: Voice of TD-Experienced Practitioners. IEEE Software, 2021, 38, 50-58.	2.1	2
23	An Augmented Object Prototype for Helping to Prevent the Sudden Infant Death Syndrome. Lecture Notes in Computer Science, 2013, , 132-135.	1.0	2
24	Towards Smart Notifications - An Adaptive Approach Using Smart Devices. Lecture Notes in Computer Science, 2016, , 372-384.	1.0	2
25	Supporting User Awareness Using Smart Device-Based Notifications. Lecture Notes in Computer Science, 2016, , 333-340.	1.0	1
26	Teaching Scrum Using Gamification. Proceedings (mdpi), 2019, 31, 7.	0.2	1
27	A Mobile Application for Improving the Delivery Process of Notifications. Advances in Intelligent Systems and Computing, 2021, , 361-371.	0.5	0
28	Generational Professional Career Evolution of Professionals in Computer Science in Costa Rica. CLEI Electronic Journal, 2019, 22, .	0.2	0