Enrique Costa-Montenegro

List of Publications by Year
in descending order

62 papers	**971** citations	840119 **11** h-index	476904 **29** g-index
63 all docs	**63** docs citations	**63** times ranked	**975** citing authors

#	Article	IF	Citations
1	Automatic detection of cognitive impairment in elderly people using an entertainment chatbot with Natural Language Processing capabilities. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 16283-16298.	3.3	11
2	KubCG: A dynamic Kubernetes scheduler for heterogeneous clusters. Software - Practice and Experience, 2021, 51, 213-234.	2.5	12
3	Reliable Link Level Routing Algorithm in Pipeline Monitoring Using Implicit Acknowledgements. Sensors, 2021, 21, 968.	2.1	6
4	Evaluation of Abstraction Capabilities and Detection of Discomfort with a Newscaster Chatbot for Entertaining Elderly Users. Sensors, 2021, 21, 5515.	2.1	5
5	Evaluation of online emoji description resources for sentiment analysis purposes. Expert Systems With Applications, 2021, 184, 115279.	4.4	10
6	A System for Automatic English Text Expansion. IEEE Access, 2019, 7, 123320-123333.	2.6	4
7	Differentiating users by language and location estimation in sentiment analisys of informal text during major public events. Expert Systems With Applications, 2019, 117, 15-28.	4.4	6
8	A library for automatic natural language generation of spanish texts. Expert Systems With Applications, 2019, 120, 372-386.	4.4	10
9	Creating emoji lexica from unsupervised sentiment analysis of their descriptions. Expert Systems With Applications, 2018, 103, 74-91.	4.4	69
10	From Genre Classification to Aspect Extraction: New Annotation Schemas for Book Reviews. , 2018, , .		2
11	Automatic Natural Language Generation Applied to Alternative and Augmentative Communication for Online Video Content Services using SimpleNLG for Spanish. , 2018, , .		7
12	A Proposal for Book Oriented Aspect Based Sentiment Analysis: Comparison over Domains. Lecture Notes in Computer Science, 2018, , 3-14.	1.0	5
13	In‑memory distributed software solution to improve the performance of recommender systems. Software - Practice and Experience, 2017, 47, 867-889.	2.5	4
14	ANT: Agent Stigmergy-Based IoT-Network for Enhanced Tourist Mobility. Mobile Information Systems, 2017, 2017, 1-15.	0.4	4
15	Lexicon for Natural Language Generation in Spanish Adapted to Alternative and Augmentative Communication. , 2017, , .		2
16	System-on-Chip Evaluation for the Implementation of Video Processing Servers. Advances in Intelligent Systems and Computing, 2017, , 267-274.	0.5	1
17	Language independent big-data system for the prediction of user location on Twitter. , 2016, , .		7
18	Automatic allocation of identifiers in linear wireless sensor networks using link-level processes. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Unsupervised method for sentiment analysis in online texts. Expert Systems With Applications, 2016, 58, 57-75.	4.4	126
20	A Study for Self-adapting Urban Traffic Control. Lecture Notes in Computer Science, 2016, , 63-74.	1.0	2
21	SubTitleMe, subtitles in cinemas in mobile devices. Universal Access in the Information Society, 2016, 15, 461-472.	2.1	4
22	GTI at SemEval-2016 Task 4: Training a Naive Bayes Classifier using Features of an Unsupervised System. , 2016, , .		4
23	GTI at SemEval-2016 Task 5: SVM and CRF for Aspect Detection and Unsupervised Aspect-Based Sentiment Analysis. , 2016, , .		16
24	Providing IoT Services in Smart Cities through Dynamic Augmented Reality Markers. Sensors, 2015, 15, 16083-16104.	2.1	23
25	Developing a recommender system in a consumer electronic device. Expert Systems With Applications, 2015, 42, 4216-4228.	4.4	20
26	On the Dissemination of IEEE 802.11p Warning Messages in Distributed Vehicular Urban Networks. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2013, , 234-252.	0.5	0
27	Adding Personalization and Social Features to a Context-Aware Application for Mobile Tourism. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2013, , 253-265.	0.5	2
28	Analysis of the BitTorrent Protocol Modified with Multicast. , 2012, , .		0
29	Analysis of the BitTorrent Protocol Modified with Fountain Code. , 2012, , .		0
30	Vehicular Entertainment Systems: Mobile Application Enhancement in Networked Infrastructures. IEEE Vehicular Technology Magazine, 2012, 7, 73-79.	2.8	15
31	Which App? A recommender system of applications in markets: Implementation of the service for monitoring usersâ€™ interaction. Expert Systems With Applications, 2012, 39, 9367-9375.	4.4	71
32	A Dynamic Programming Approach for Ambient Intelligence Platforms in Running Sports Based on Markov Decision Processes. Advances in Intelligent and Soft Computing, 2012, , 165-181.	0.2	4
33	QR-Maps: An efficient tool for indoor user location based on QR-Codes and Google maps. , 2011, , .		10
34	Experiences inside the Ubiquitous Oulu Smart City. Computer, 2011, 44, 48-55.	1.2	59
35	On the difficulty of achieving anonymity for Vehicle-2-X communication. Computer Networks, 2011, 55, 3199-3210.	3.2	17
36	Adapting derivative free optimization methods to engineering models with discrete variables. Optimization and Engineering, 2011, 13, 579.	1.3	2

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37	Implementation and analysis of the BitTorrent protocol with a multi-agent model. Journal of Network and Computer Applications, 2011, 34, 368-383.	5.8	8
38	RunWithUs. , 2011, , .		16
39	Which App? A recommender system of applications in markets by monitoring users' interaction. , 2011, , .		4
40	Invitation model for a collaborative service enhancement in intelligent infrastructures. , 2011, , .		0
41	Exploiting Social Tagging in a Web 2.0 Recommender System. IEEE Internet Computing, 2010, 14, 23-30.	3.2	26
42	A hybrid content-based and item-based collaborative filtering approach to recommend TV programs enhanced with singular value decomposition. Information Sciences, 2010, 180, 4290-4311.	4.0	288
43	Web-oriented business intelligence solution based on Associative Query Logic. Software - Practice and Experience, 2010, 40, n/a-n/a.	2.5	1
44	Secure eTickets based on QR-Codes with user-encrypted content. , 2010, , .		14
45	Collaborative Service Enhancement in Intelligent Environments: Service Delivery from User Terminals to Infrastructure Devices. , 2010, , .		1
46	Integration of web 2.0 with automotive user interfaces via nomadic devices. , 2009, , .		3
47	Acoustic Sensor Planning for Gunshot Location in National Parks: A Pareto Front Approach. Sensors, 2009, 9, 9493-9512.	2.1	12
48	SinCity: A Pedagogical Testbed For Checking Multi-Agent Learning Techniques. , 2009, , .		1
49	Outdoor WLAN planning via non-monotone derivative-free optimization: algorithm adaptation and case study. Computational Optimization and Applications, 2008, 40, 405-419.	0.9	6
50	Emulating Access Grid features at Web endpoints: a developer's view. Software - Practice and Experience, 2008, 38, 1393-1410.	2.5	0
51	Performance analysis of IEEE 802.11p in urban environments using a multi-agent model. , 2008, , .		11
52	Multi-Agent System Model of a BitTorrent Network. , 2008, , .		1
53	Agent model of C2C communications in urban environments. , 2008, , .		0
54	Nonlinear Optimization of IEEE 802.11 Mesh Networks. Lecture Notes in Computer Science, 2007, , 466-473.	1.0	2

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55	Agent-Controlled Sharing of Distributed Resources in User Networks. Studies in Computational Intelligence, 2007, , 29-60.	0.7	2
56	A Multi-agent Approach to Resource Sharing Optimization in User Networks. Lecture Notes in Computer Science, 2006, , 815-822.	1.0	1
57	Agent-Controlled Distributed Resource Sharing to Improve P2P File Exchanges in User Networks. Lecture Notes in Computer Science, 2006, , 659-669.	1.0	0
58	Bluetooth-assisted context-awareness in educational data networks. Computers and Education, 2005, 45, 105-121.	5.1	14
59	Position-Aware IEEE 802.11b Mobile Video Services. Lecture Notes in Computer Science, 2004, , 505-508.	1.0	1
60	Condor grid computing from mobile handheld devices. Mobile Computing and Communications Review, 2003, 7, 117-126.	1.7	7
61	Pushing Web Pages into Personal Digital Assistants: Need, Tools and Solutions. Lecture Notes in Computer Science, 2002, , 276-280.	1.0	2
62	Adding Personalization and Social Features to a Context-Aware Application for Mobile Tourism. , 0, , 467-480.		5