

Carlos Garcia-Rubio

List of Publications by Year in descending order

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papers

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39
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy-Based Anomaly Detection in Household Electricity Consumption. <i>Energies</i> , 2022, 15, 1837.	1.6	2
2	Performance evaluation of CoAP and MQTT with security support for IoT environments. <i>Computer Networks</i> , 2021, 197, 108338.	3.2	27
3	INRISCO: Incident monitoRING in Smart COmmunities. <i>IEEE Access</i> , 2020, 8, 72435-72460.	2.6	8
4	A hybrid analysis of LBSN data to early detect anomalies in crowd dynamics. <i>Future Generation Computer Systems</i> , 2020, 109, 83-94.	4.9	7
5	Performance Evaluation of the CoAP Protocol with Security Support for IoT Environments. , 2020, , .		2
6	Performance Evaluation of CoAP and MQTT_SN in an IoT Environment. <i>Proceedings (mdpi)</i> , 2019, 31, .	0.2	18
7	Using Entropy of Social Media Location Data for the Detection of Crowd Dynamics Anomalies. <i>Electronics (Switzerland)</i> , 2018, 7, 380.	1.8	10
8	Detecting and Reducing Biases in Cellular-Based Mobility Data Sets. <i>Entropy</i> , 2018, 20, 736.	1.1	5
9	A Bandwidth-Efficient Dissemination Scheme of Non-Safety Information in Urban VANETs. <i>Sensors</i> , 2016, 16, 988.	2.1	2
10	Entropy-Based Privacy against Profiling of User Mobility. <i>Entropy</i> , 2015, 17, 3913-3946.	1.1	13
11	Analysis of a fast LZ-based entropy estimator for mobility data. , 2015, , .		3
12	Adapting a Bandwidth-Efficient Information Dissemination Scheme for Urban VANETs. <i>Lecture Notes in Computer Science</i> , 2015, , 72-83.	1.0	0
13	Service architecting and dynamic composition in pervasive smart ecosystems for the internet of things based on sensor network technology. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2014, 6, 331-333.	0.8	3
14	Bandwidth-efficient techniques for information dissemination in urban vehicular networks. , 2014, , .		1
15	Impact of location history collection schemes on observed human mobility features. , 2014, , .		7
16	A Bandwidth-Efficient Service for Local Information Dissemination in Sparse to Dense Roadways. <i>Sensors</i> , 2013, 13, 8612-8639.	2.1	9
17	Characterizing Mobile Telephony Signals in Indoor Environments for Their Use in Fingerprinting-Based User Location. <i>Lecture Notes in Computer Science</i> , 2013, , 223-230.	1.0	0
18	Study of LZ-Based Location Prediction and Its Application to Transportation Recommender Systems. <i>Sensors</i> , 2012, 12, 7496-7517.	2.1	20

#	ARTICLE	IF	CITATIONS
19	Bandwidth efficient broadcasting in VANETs. , 2012, , .		2
20	Building service-oriented Smart Infrastructures over Wireless Ad Hoc Sensor Networks: A middleware perspective. Computer Networks, 2012, 56, 1303-1328.	3.2	24
21	Recommendations on the Move. Intelligent Systems Reference Library, 2012, , 179-193.	1.0	0
22	MOFETA: A Network Architecture Based on MOBILE FEMTOCELLS TO ENHANCE CELLULAR CONNECTIVITY ON TRAINS. Lecture Notes in Computer Science, 2012, , 174-185.	1.0	4
23	An Efficient, Eco-Friendly Approach for Push-Advertising of Services in VANETs. Lecture Notes in Computer Science, 2012, , 50-57.	1.0	1
24	Trust management for multimedia P2P applications in autonomic networking. Ad Hoc Networks, 2011, 9, 687-697.	3.4	27
25	Selection and publication of network interface cards in multihomed pervasive computing devices. , 2011, , .		0
26	Performance Evaluation of LZ-Based Location Prediction Algorithms in Cellular Networks. IEEE Communications Letters, 2010, 14, 707-709.	2.5	20
27	Performance Evaluation of J2ME and Symbian Applications in Smart Camera Phones. Advances in Soft Computing, 2009, , 48-56.	0.4	0
28	Decoupling path failure detection from congestion control to improve SCTP failovers. IEEE Communications Letters, 2008, 12, 858-860.	2.5	4
29	Building an Open Toolkit of Digital Certificate Validation for Mobile Web Services. , 2008, , .		2
30	A Trust-based Middleware for Providing Security to Ad-Hoc Peer-to-Peer Applications. , 2008, , .		5
31	Trust Negotiation Protocol Support for Secure Mobile Network Service Deployment. International Federation for Information Processing, 2008, , 271-282.	0.4	1
32	Performance Evaluation of J2ME And Symbian Applications in Smart Camera Phones. , 2007, , .		0
33	Smart card-based agents for fair non-repudiation. Computer Networks, 2007, 51, 2288-2298.	3.2	1
34	Context awareness in network selection for dynamic environments. Telecommunication Systems, 2007, 36, 49-60.	1.6	5
35	PDP: A lightweight discovery protocol for local-scope interactions in wireless ad hoc networks. Computer Networks, 2006, 50, 3264-3283.	3.2	30
36	Context Awareness in Network Selection for Dynamic Environments. Lecture Notes in Computer Science, 2006, , 216-227.	1.0	2

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37	DNS-Based Service Discovery in Ad Hoc Networks: Evaluation and Improvements. Lecture Notes in Computer Science, 2006, , 111-122.	1.0	3
38	A new model for service and application convergence in B3g/4G networks. IEEE Wireless Communications, 2004, 11, 6-12.	6.6	74
39	PDP and GSDL: A New Service Discovery Middleware to Support Spontaneous Interactions in Pervasive Systems. , 0, , .		30