

Juan Bautista Hernández Serrano

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

373
citations

840776

11
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	DEFSâ€”Data Exchange with Free Sample Protocol. Electronics (Switzerland), 2021, 10, 1455.	3.1	1
2	Simplicial degree in complex networks. Applications of topological data analysis to network science. Chaos, Solitons and Fractals, 2020, 137, 109839.	5.1	19
3	Privacy risk analysis in the IoT domain. , 2018, , .		1
4	On the Road to Secure and Privacy-Preserving IoT Ecosystems. Lecture Notes in Computer Science, 2017, , 107-122.	1.3	4
5	Providing k-anonymity and revocation in ubiquitous VANETs. Ad Hoc Networks, 2016, 36, 482-494.	5.5	31
6	A Cognitive-Radio-Based Method for Improving Availability in Body Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-13.	2.2	3
7	Reconciling privacy and efficient utility management in smart cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 94-108.	3.9	18
8	DocCloud: A document recommender system on cloud computing with plausible deniability. Information Sciences, 2014, 258, 387-402.	6.9	19
9	Cooperative Detection of PUE Attacks in CRNs. Signals and Communication Technology, 2014, , 287-316.	0.5	1
10	Energyâ€”efficient physical layer packet authenticator for machineâ€”toâ€”machine networks. Transactions on Emerging Telecommunications Technologies, 2013, 24, 401-412.	3.9	4
11	COACH: COllaborative certificate stAtus CHecking mechanism for VANETs. Journal of Network and Computer Applications, 2013, 36, 1337-1351.	9.1	20
12	Low-cost group rekeying for unattended wireless sensor networks. Wireless Networks, 2013, 19, 47-67.	3.0	4
13	WiMAX-based robust localization in the presence of misbehaving and/or malicious base stations. Computers and Electrical Engineering, 2013, 39, 2318-2329.	4.8	3
14	The TAMESIS Project: Enabling Technologies for the Health Status Monitoring and Secure Exchange of Clinical Record. , 2013, , .		2
15	A Modeling of Certificate Revocation and Its Application to Synthesis of Revocation Traces. IEEE Transactions on Information Forensics and Security, 2012, 7, 1673-1686.	6.9	8
16	Cooperative detection of primary user emulation attacks in CRNs. Computer Networks, 2012, 56, 3374-3384.	5.1	25
17	Design of a P2P content recommendation system using affinity networks. Computer Communications, 2012, 36, 90-104.	5.1	9
18	Modeling the Lion Attack in Cognitive Radio Networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	23

#	ARTICLE	IF	CITATIONS
19	Low-Power Low-Rate Goes Long-Range: The Case for Secure and Cooperative Machine-to-Machine Communications. Lecture Notes in Computer Science, 2011, , 219-230.	1.3	29
20	Secure Lossless Aggregation Over Fading and Shadowing Channels for Smart Grid M2M Networks. IEEE Transactions on Smart Grid, 2011, 2, 844-864.	9.0	37
21	Towards a Cooperative Intrusion Detection System for Cognitive Radio Networks. Lecture Notes in Computer Science, 2011, , 231-242.	1.3	6
22	Securing cognitive radio networks. International Journal of Communication Systems, 2010, 23, 633-652.	2.5	45
23	A new cross-layer attack to TCP in cognitive radio networks. , 2009, , .		25
24	Building a virtual hierarchy to simplify certification path discovery in mobile ad-hoc networks. Computer Communications, 2007, 30, 1498-1512.	5.1	20
25	Supporting Mobility in GKM over Ad-Hoc Network Using a Decentralized and Spontaneous Algorithm. , 2007, , 526-539.		0
26	Decentralized and Scalable Group Key Management Algorithm for Large Ad-Hoc Groups. , 2006, , .		0
27	Building Hierarchical Public Key Infrastructures in Mobile Ad-Hoc Networks. Lecture Notes in Computer Science, 2006, , 485-496.	1.3	0
28	Multimedia Copyright Protection Platform Demonstrator. Lecture Notes in Computer Science, 2005, , 411-414.	1.3	3
29	Improved LKH for batch rekeying in multicast groups. , 2003, , .		11
30	Distributed Group Security for Wireless Sensor Networks. , 0, , 310-333.		1