

Jose Luis Muñoz Tapia

List of Publications by Year in descending order

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65
papers

560
citations

758635

12
h-index

752256

20
g-index

69
all docs

69
docs citations

69
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	A game theoretic trust model for on-line distributed evolution of cooperation in MANETs. Journal of Network and Computer Applications, 2011, 34, 39-51.	5.8	58
2	A review of trust modeling in ad hoc networks. Internet Research, 2009, 19, 88-104.	2.7	36
3	Certificate revocation system implementation based on the Merkle hash tree. International Journal of Information Security, 2004, 2, 110-124.	2.3	28
4	EPA: An efficient and privacy-aware revocation mechanism for vehicular ad hoc networks. Pervasive and Mobile Computing, 2015, 21, 75-91.	2.1	27
5	PPREM: Privacy Preserving REvocation Mechanism for Vehicular Ad Hoc Networks. Computer Standards and Interfaces, 2014, 36, 513-523.	3.8	25
6	Secure brokerage mechanisms for mobile electronic commerce. Computer Communications, 2006, 29, 2308-2321.	3.1	23
7	Host Revocation Authority: A Way of Protecting Mobile Agents from Malicious Hosts. Lecture Notes in Computer Science, 2003, , 289-292.	1.0	20
8	Certificate status validation in mobile ad hoc networks. IEEE Wireless Communications, 2009, 16, 55-62.	6.6	20
9	COACH: COllaborative certificate stAtus CHEcking mechanism for VANETs. Journal of Network and Computer Applications, 2013, 36, 1337-1351.	5.8	20
10	Mobile Agent Watermarking and Fingerprinting: Tracing Malicious Hosts. Lecture Notes in Computer Science, 2003, , 927-936.	1.0	18
11	RDSR-V. Reliable Dynamic Source Routing for video-streaming over mobile ad hoc networks. Computer Networks, 2010, 54, 79-96.	3.2	18
12	Optimal tag suppression for privacy protection in the semantic Web. Data and Knowledge Engineering, 2012, 81-82, 46-66.	2.1	18
13	DECADE: Distributed Emergent Cooperation through ADaptive Evolution in mobile ad hoc networks. Ad Hoc Networks, 2012, 10, 1379-1398.	3.4	13
14	XPLIT: A cross-layer architecture for TCP services over DVB-S2/ETSI QoS BSM. Computer Networks, 2012, 56, 412-434.	3.2	12
15	A protocol for detecting malicious hosts based on limiting the execution time of mobile agents. , 0, , .		11
16	Toward Revocation Data Handling Efficiency in VANETs. Lecture Notes in Computer Science, 2012, , 80-90.	1.0	11
17	Performance evaluation of selected Transmission Control Protocol variants over a digital video broadcasting second generation broadband satellite multimedia system with QoS. International Journal of Communication Systems, 2013, 26, 1579-1598.	1.6	10
18	Evaluation of certificate revocation policies: OCSP vs. Overissued-CRL. , 0, , .		9

#	ARTICLE	IF	CITATIONS
19	Adaptive Packet Scheduling for the Support of QoS over DVB-S2 Satellite Systems. Lecture Notes in Computer Science, 2011, , 15-26.	1.0	9
20	Cross-layer packet scheduler for QoS support over Digital Video Broadcasting Second Generation broadband satellite systems. International Journal of Communication Systems, 2014, 27, 2063-2082.	1.6	9
21	An infrastructure for detecting and punishing malicious hosts using mobile agent watermarking. Wireless Communications and Mobile Computing, 2011, 11, 1446-1462.	0.8	8
22	A Modeling of Certificate Revocation and Its Application to Synthesis of Revocation Traces. IEEE Transactions on Information Forensics and Security, 2012, 7, 1673-1686.	4.5	8
23	Analysis of Inter-RSU Beaconing Interference in VANETs. Lecture Notes in Computer Science, 2012, , 49-59.	1.0	8
24	Efficient Certificate Revocation System Implementation: Huffman Merkle Hash Tree (HuffMHT). Lecture Notes in Computer Science, 2005, , 119-127.	1.0	8
25	Cross-layer architecture for TCP splitting in the return channel over satellite networks. , 2009, , .		6
26	PREON: An efficient cascade revocation mechanism for delegation paths. Computers and Security, 2010, 29, 697-711.	4.0	6
27	A Simple Closed-Form Approximation for the Packet Loss Rate of a TCP Connection Over Wireless Links. IEEE Communications Letters, 2014, 18, 1595-1598.	2.5	6
28	Twisted Edwards Elliptic Curves for Zero-Knowledge Circuits. Mathematics, 2021, 9, 3022.	1.1	6
29	Detecting and Proving Manipulation Attacks in Mobile Agent Systems. Lecture Notes in Computer Science, 2004, , 224-233.	1.0	5
30	OCSP: A protocol to reduce the processing burden in online certificate status validation. Electronic Commerce Research, 2008, 8, 255-273.	3.0	5
31	RAR: Risk Aware Revocation Mechanism for Vehicular Networks. , 2012, , .		5
32	VSPLIT: A Cross-Layer Architecture for V2I TCP Services Over 802.11. Mobile Networks and Applications, 2013, 18, 831-843.	2.2	5
33	New Privacy Practices for Blockchain Software. IEEE Software, 2022, 39, 43-49.	2.1	5
34	Implementation and Performance Evaluation of a Protocol for Detecting Suspicious Hosts. Lecture Notes in Computer Science, 2003, , 286-295.	1.0	5
35	PKIX Certificate Status in Hybrid MANETs. Lecture Notes in Computer Science, 2009, , 153-166.	1.0	5
36	Implementation of an efficient authenticated dictionary for certificate revocation. , 0, , .		4

#	ARTICLE	IF	CITATIONS
37	Surework. , 2008, , .		4
38	Vespa: Emulating Infotainment Applications in Vehicular Networks. IEEE Pervasive Computing, 2014, 13, 58-66.	1.1	4
39	An Architecture for Easy Onboarding and Key Life-Cycle Management in Blockchain Applications. IEEE Access, 2020, 8, 115005-115016.	2.6	4
40	Invoice Factoring Registration Based on a Public Blockchain. IEEE Access, 2021, 9, 24221-24233.	2.6	4
41	On the Road to Secure and Privacy-Preserving IoT Ecosystems. Lecture Notes in Computer Science, 2017, , 107-122.	1.0	4
42	CERVANTES "A Certificate Validation Test-Bed. Lecture Notes in Computer Science, 2004, , 28-42.	1.0	4
43	A Certificate Status Checking Protocol for the Authenticated Dictionary. Lecture Notes in Computer Science, 2003, , 255-266.	1.0	4
44	Design of a certificate revocation platform. , 2003, , .		3
45	Punishing malicious hosts with the cryptographic traces approach. New Generation Computing, 2006, 24, 351-376.	2.5	3
46	Deploying Internet Protocol Security in satellite networks using Transmission Control Protocol Performance Enhancing Proxies. International Journal of Satellite Communications and Networking, 2013, 31, 51-76.	1.2	2
47	Certificate Revocation List Distribution System for the KAD Network. Computer Journal, 2014, 57, 273-280.	1.5	2
48	RIAPPA: a Robust Identity Assignment Protocol for P2P overlays. Security and Communication Networks, 2014, 7, 2743-2760.	1.0	2
49	A model for revocation forecasting in public-key infrastructures. Knowledge and Information Systems, 2015, 43, 311-331.	2.1	2
50	Protocols for Malicious Host Revocation. Lecture Notes in Computer Science, 2003, , 191-201.	1.0	1
51	Analysis of TCP variants over a QoS DVB-S2 system. , 2011, , .		1
52	Impact of the Revocation Service in PKI Prices. Lecture Notes in Computer Science, 2012, , 22-32.	1.0	1
53	BECSI: Bandwidth Efficient Certificate Status Information Distribution Mechanism for VANETs. Mobile Information Systems, 2013, 9, 347-370.	0.4	1
54	Privacy risk analysis in the IoT domain. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
55	DEFSâ€”Data Exchange with Free Sample Protocol. Electronics (Switzerland), 2021, 10, 1455.	1.8	1
56	Decentralized Factoring for Self-Sovereign Identities. Electronics (Switzerland), 2021, 10, 1467.	1.8	1
57	Evaluation of revocation systems with a Java test-bed. , 2003, , .		0
58	Design and implementation of a lightweight online certificate validation service. Telecommunication Systems, 2009, 41, 229-241.	1.6	0
59	QoSAr: a cross-layer architecture for E2E QoS provisioning over DVB-S2 broadband satellite systems. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	0
60	Efficient Offline Certificate Revocation. Lecture Notes in Computer Science, 2003, , 319-330.	1.0	0
61	Security Issues in Virtual Grid Environments. Lecture Notes in Computer Science, 2004, , 174-178.	1.0	0
62	E-MHT. An Efficient Protocol for Certificate Status Checking. Lecture Notes in Computer Science, 2004, , 410-424.	1.0	0
63	A Mechanism to Avoid Collusion Attacks Based on Code Passing in Mobile Agent Systems. Lecture Notes in Computer Science, 2009, , 12-27.	1.0	0
64	MHT-Based Mechanism for Certificate Revocation in VANETs. Lecture Notes in Computer Science, 2014, , 282-300.	1.0	0
65	MHT-Based Mechanism for Certificate Revocation in VANETs. Lecture Notes in Computer Science, 2014, , 282-300.	1.0	0