Jose Luis MuÃ±oz Tapia

List of Publications by Year
in descending order

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	New Privacy Practices for Blockchain Software. IEEE Software, 2022, 39, 43-49.	2.1	5
2	DEFSâ€"Data Exchange with Free Sample Protocol. Electronics (Switzerland), 2021, 10, 1455.	1.8	1
3	Decentralized Factoring for Self-Sovereign Identities. Electronics (Switzerland), 2021, 10, 1467.	1.8	1
4	Invoice Factoring Registration Based on a Public Blockchain. IEEE Access, 2021, 9, 24221-24233.	2.6	4
5	Twisted Edwards Elliptic Curves for Zero-Knowledge Circuits. Mathematics, 2021, 9, 3022.	1.1	6
6	An Architecture for Easy Onboarding and Key Life-Cycle Management in Blockchain Applications. IEEE Access, 2020, 8, 115005-115016.	2.6	4
7	Privacy risk analysis in the IoT domain. , 2018, , .		1
8	On the Road to Secure and Privacy-Preserving IoT Ecosystems. Lecture Notes in Computer Science, 2017, , 107-122.	1.0	4
9	EPA: An efficient and privacy-aware revocation mechanism for vehicular ad hoc networks. Pervasive and Mobile Computing, 2015, 21, 75-91.	2.1	27
10	A model for revocation forecasting in public-key infrastructures. Knowledge and Information Systems, 2015, 43, 311-331.	2.1	2
11	Vespa: Emulating Infotainment Applications in Vehicular Networks. IEEE Pervasive Computing, 2014, 13, 58-66.	1.1	4
12	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
13	Crossâ€layer packet scheduler for QoS support over Digital Video Broadcastingâ€Second Generation broadband satellite systems. International Journal of Communication Systems, 2014, 27, 2063-2082.	1.6	9
14	Certificate Revocation List Distribution System for the KAD Network. Computer Journal, 2014, 57, 273-280.	1.5	2
15	PPREM: Privacy Preserving REvocation Mechanism for Vehicular Ad Hoc Networks. Computer Standards and Interfaces, 2014, 36, 513-523.	3.8	25
16	RIAPPA: a Robust Identity Assignment Protocol for P2P overlays. Security and Communication Networks, 2014, 7, 2743-2760.	1.0	2
17	MHT-Based Mechanism for Certificate Revocation in VANETs. Lecture Notes in Computer Science, 2014, , 282-300.	1.0	0
18	MHT-Based Mechanism for Certificate Revocation in VANETs. Lecture Notes in Computer Science, 2014, , 282-300.	1.0	0

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19	Performance evaluation of selected Transmission Control Protocol variants over a digital video broadcastingâ€¢second generation broadband satellite multimedia system with QoS. International Journal of Communication Systems, 2013, 26, 1579-1598.	1.6	10
20	COACH: COllaborative certificate stAtus CHecking mechanism for VANETs. Journal of Network and Computer Applications, 2013, 36, 1337-1351.	5.8	20
21	VSPLIT: A Cross-Layer Architecture for V2I TCP Services Over 802.11. Mobile Networks and Applications, 2013, 18, 831-843.	2.2	5
22	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
23	BECSI: Bandwidth Efficient Certificate Status Information Distribution Mechanism for VANETs. Mobile Information Systems, 2013, 9, 347-370.	0.4	1
24	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
25	RAR: Risk Aware Revocation Mechanism for Vehicular Networks. , 2012, , .		5
26	DECADE: Distributed Emergent Cooperation through ADaptive Evolution in mobile ad hoc networks. Ad Hoc Networks, 2012, 10, 1379-1398.	3.4	13
27	Optimal tag suppression for privacy protection in the semantic Web. Data and Knowledge Engineering, 2012, 81-82, 46-66.	2.1	18
28	Impact of the Revocation Service in PKI Prices. Lecture Notes in Computer Science, 2012, , 22-32.	1.0	1
29	QoSatAr: 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
30	XPLIT: A cross-layer architecture for TCP services over DVB-S2/ETSI QoS BSM. Computer Networks, 2012, 56, 412-434.	3.2	12
31	Analysis of Inter-RSU Beaconing Interference in VANETs. Lecture Notes in Computer Science, 2012, , 49-59.	1.0	8
32	Toward Revocation Data Handling Efficiency in VANETs. Lecture Notes in Computer Science, 2012, , 80-90.	1.0	11
33	An infrastructure for detecting and punishing malicious hosts using mobile agent watermarking. Wireless Communications and Mobile Computing, 2011, 11, 1446-1462.	0.8	8
34	A game theoretic trust model for on-line distributed evolution of cooperation inMANETs. Journal of Network and Computer Applications, 2011, 34, 39-51.	5.8	58
35	Analysis of TCP variants over a QoS DVB-S2 system. , 2011, , .		1
36	Adaptive Packet Scheduling for the Support of QoS over DVB-S2 Satellite Systems. Lecture Notes in Computer Science, 2011, , 15-26.	1.0	9

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37	RDSR-V. Reliable Dynamic Source Routing for video-streaming over mobile ad hoc networks. Computer Networks, 2010, 54, 79-96.	3.2	18
38	PREON: An efficient cascade revocation mechanism for delegation paths. Computers and Security, 2010, 29, 697-711.	4.0	6
39	A review of trust modeling inad hocnetworks. Internet Research, 2009, 19, 88-104.	2.7	36
40	Design and implementation of a lightweight online certificate validation service. Telecommunication Systems, 2009, 41, 229-241.	1.6	0
41	Cross-layer architecture for TCP splitting in the return channel over satellite networks. , 2009, , .		6
42	Certificate status validation in mobile ad hoc networks. IEEE Wireless Communications, 2009, 16, 55-62.	6.6	20
43	PKIX Certificate Status in Hybrid MANETs. Lecture Notes in Computer Science, 2009, , 153-166.	1.0	5
44	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
45	â„‹-OCSP: A protocol to reduce the processing burden in online certificate status validation. Electronic Commerce Research, 2008, 8, 255-273.	3.0	5
46	Surework. , 2008, , .		4
47	Secure brokerage mechanisms for mobile electronic commerce. Computer Communications, 2006, 29, 2308-2321.	3.1	23
48	Punishing malicious hosts with the cryptographic traces approach. New Generation Computing, 2006, 24, 351-376.	2.5	3
49	Efficient Certificate Revocation System Implementation: Huffman Merkle Hash Tree (HuffMHT). Lecture Notes in Computer Science, 2005, , 119-127.	1.0	8
50	Detecting and Proving Manipulation Attacks in Mobile Agent Systems. Lecture Notes in Computer Science, 2004, , 224-233.	1.0	5
51	Certificate revocation system implementation based on the Merkle hash tree. International Journal of Information Security, 2004, 2, 110-124.	2.3	28
52	CERVANTES â€“ A Certificate Validation Test-Bed. Lecture Notes in Computer Science, 2004, , 28-42.	1.0	4
53	Security Issues in Virtual Grid Environments. Lecture Notes in Computer Science, 2004, , 174-178.	1.0	0
54	E-MHT. An Efficient Protocol for Certificate Status Checking. Lecture Notes in Computer Science, 2004, , 410-424.	1.0	0

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55	Design of a certificate revocation platform. , 2003, , .		3
56	Evaluation of revocation systems with a Java test-bed. , 2003, , .		0
57	Host Revocation Authority: A Way of Protecting Mobile Agents from Malicious Hosts. Lecture Notes in Computer Science, 2003, , 289-292.	1.0	20
58	Protocols for Malicious Host Revocation. Lecture Notes in Computer Science, 2003, , 191-201.	1.0	1
59	Mobile Agent Watermarking and Fingerprinting: Tracing Malicious Hosts. Lecture Notes in Computer Science, 2003, , 927-936.	1.0	18
60	Implementation and Performance Evaluation of a Protocol for Detecting Suspicious Hosts. Lecture Notes in Computer Science, 2003, , 286-295.	1.0	5
61	A Certificate Status Checking Protocol for the Authenticated Dictionary. Lecture Notes in Computer Science, 2003, , 255-266.	1.0	4
62	Efficient Offline Certificate Revocation. Lecture Notes in Computer Science, 2003, , 319-330.	1.0	0
63	Evaluation of certificate revocation policies: OCSP vs. Overissued-CRL. , 0, , .		9
64	A protocol for detecting malicious hosts based on limiting the execution time of mobile agents. , 0, , .		11
65	Implementation of an efficient authenticated dictionary for certificate revocation. , 0, , .		4