Aldri Luiz Dos Santos

List of Publications by Year
in descending order

105 papers	1,278 citations	759055 12 h-index	610775 24 g-index
106 all docs	106 docs citations	106 times ranked	1291 citing authors

#	Article	IF	Citations
1	Dissemination control in dynamic data clustering for dense IIoT against false data injection attack. International Journal of Network Management, 2022, 32, .	1.4	3
2	Analyzing cooperative monitoring and dissemination of critical mobile events by VANETs. Wireless Networks, 2021, 27, 1981-1997.	2.0	3
3	Quality Assessment of VANETs-Supported Video Dissemination of Critical Urban Events. , 2021, , .		1
4	Smart Human Identification System Based on PPG and ECG Signals in Wearable Devices. , 2021, , .		2
5	Proactive radio- and QoS-aware UAV as BS deployment to improve cellular operations. Computer Networks, 2021, 200, 108486.	3.2	3
6	A Low-Cost Electronic System for Human-Body Communication. Electronics (Switzerland), 2020, 9, 1928.	1.8	3
7	Double Authentication Model based on PPG and ECG Signals. , 2020, , .		8
8	Managing Consensus-Based Cooperative Task Allocation for IIoT Networks. , 2020, , .		2
9	Traffic Model Based on Autoregression for PPG Signals in Wearable Networks. IEEE Networking Letters, 2020, 2, 49-53.	1.5	3
10	Cooperative monitoring and dissemination of urban events supported by dynamic clustering of vehicles. Pervasive and Mobile Computing, 2020, 67, 101244.	2.1	5
11	Detecting FDI Attack on Dense IoT Network with Distributed Filtering Collaboration and Consensus. , 2020, , .		0
12	GROWN: Local Data Compression in Real-Time To Support Energy Efficiency in WBAN. , 2020, , .		1
13	Clustering and reliability-driven mitigation of routing attacks in massive IoT systems. Journal of Internet Services and Applications, 2019, 10, .	1.6	14
14	SLEDS: A DSL for Data-Centric Storage on Wireless Sensor Networks. Communications in Computer and Information Science, 2019, , 74-89.	0.4	0
15	A Method for Identifying eHealth Applications Using Side-Channel Information. , 2019, , .		3
16	Clustering Users for the Deployment of UAV as Base Station to Improve the Quality of the Data. , 2019, , .		7
17	Filtering Parameters Selection Method and Peaks Extraction for ECG and PPG Signals. , 2019, , .		2
18	A Continuous User Authentication System Based on Galvanic Coupling Communication for s-Health. Wireless Communications and Mobile Computing, 2019, 2019, 1-11.	0.8	6

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19	Assessing Data Traffic Classification to Priority Access for Wireless Healthcare Application. , 2019, , .		2
20	Performance Analysis of OpenFlow in a Multi-Interface WMN Testbed. , 2018, , .		2
21	A Self-Adaptable System for DDoS Attack Prediction Based on the Metastability Theory. , 2018, , .		11
22	Performance Issues in a Low Cost Multi-Channel Multi-Interface Wireless Mesh Network. , 2018, , .		1
23	Redundant Packet Scheduling by Uncorrelated Paths in Heterogeneous Wireless Networks. , 2018, , .		13
24	Confidentiality-Aware Decision on Handoffs under Uncertainty on Heterogeneous Wireless Networks. , 2018, , .		0
25	ECG-Based User Authentication and Identification Method on VANETs. , 2018, , .		14
26	ManIoT: A 2‐tier management platform for heterogeneous IoT devices and applications. International Journal of Network Management, 2018, 28, e2034.	1.4	9
27	Satisfactory video dissemination on FANETs based on an enhanced UAV relay placement service. Annales Des Telecommunications/Annals of Telecommunications, 2018, 73, 601-612.	1.6	14
28	Decreasing the Management Burden in Multi-tier Systems Through Partial Correlation-Based Monitoring. Journal of Network and Systems Management, 2017, 25, 612-642.	3.3	1
29	SPARTA: A survival performance degradation framework for identity federations. Computer Networks, 2017, 121, 37-52.	3.2	1
30	A Reusable Component-Based Model for WSN Storage Simulation. , 2017, , .		2
31	CD-ASM: A new queuing paradigm to overcome bufferbloat effects in HetNets. , 2017, , .		2
32	Avoiding Collisions by Time Slot Reduction Supporting Voice and Video in 802.11 Networks. , 2016, , .		5
33	Self-Organized SDN Controller Cluster Conformations against DDoS Attacks Effects. , 2016, , .		25
34	Evaluation of Sybil attack detection approaches in the Internet of Things content dissemination. , 2016, , .		15
35	Virtual and unified address assignment for continuous communication in mobile networks. , 2016, , .		0
36	QoE-driven dissemination of real-time videos over vehicular networks. Computer Communications, 2016, 91-92, 133-147.	3.1	28

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37	A scheme for DDoS attacks mitigation in IdM systems through reorganizations. , 2016, , .		3
38	Cognitive radio based connectivity management for resilient end-to-end communications in VANETs. Computer Communications, 2016, 79, 1-8.	3.1	12
39	An autonomic in-network query processing for urban sensor networks. , 2015, , .		1
40	An Autonomic Spatial Query Processing Model for Urban Sensor Networks. , 2015, , .		1
41	Using Partial Correlation for Effective Metric Selection and Anomaly Detection in Multi-tier System. , 2015, , .		1
42	A Bio-Inspired Technique for Energy-Aware FPGAs on Body Area Networks. IEEE Latin America Transactions, 2015, 13, 3707-3713.	1.2	0
43	Guard Mounting. , 2015, , .		2
44	Beacon-less video streaming management for VANETs based on QoE and link-quality. , 2015, , .		11
45	Detection of sinkhole attacks for supporting secure routing on 6LoWPAN for Internet of Things. , 2015, , .		142
46	Aspirations, challenges, and open issues for software-based 5G networks in extremely dense and heterogeneous scenarios. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	11
47	Firefly-inspired and robust time synchronization for cognitive radio ad hoc networks. Computer Communications, 2015, 66, 36-44.	3.1	7
48	A QoE-Aware Mechanism to Improve the Dissemination of Live Videos over VANETs. , 2015, , .		4
49	Access Decision System for Seamless Connectivity in Heterogeneous Wireless Networks. , 2015, , .		1
50	Data similarity aware dynamic node clustering in wireless sensor networks. Ad Hoc Networks, 2015, 24, 29-45.	3.4	20
51	Routing management for performance and security tradeoff in wireless mesh networks. International Journal of Information Security, 2015, 14, 35-46.	2.3	0
52	Enhanced connectivity for robust multimedia transmission in UAV networks. , 2014, , .		4
53	A Multi-flow-Driven Mechanism to Support Live Video Streaming on VANETs. , 2014, , .		2
54	Experimental performance comparison of single-path and multipath routing in VANETs. , 2014, , .		5

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55	Optimizing FPGAs for supporting WBANs. , 2014, , .		0
56	Unwanted traffic characterization on IP networks by low interactive honeypot. , 2014, , .		0
57	Data similarity aware dynamic nodes clustering for supporting management operations. , 2014, , .		2
58	A Policy-based storage model for sensor networks. , 2014, , .		0
59	Mitigating Flooding Attacks on Mobility in Infrastructure-Based Vehicular Networks. IEEE Latin America Transactions, 2014, 12, 475-483.	1.2	3
60	Opportunistic routing for multi-flow video dissemination over Flying Ad-Hoc Networks. , 2014, , .		22
61	A beaconless Opportunistic Routing based on a cross-layer approach for efficient video dissemination in mobile multimedia IoT applications. Computer Communications, 2014, 45, 21-31.	3.1	57
62	A Comparative Analysis of Beaconless Opportunistic Routing Protocols for Video Dissemination over Flying Ad-Hoc Networks. Lecture Notes in Computer Science, 2014, , 253-265.	1.0	7
63	Assessment of a robust opportunistic routing for video transmission in dynamic topologies. , 2013, , .		4
64	A Security Management Architecture for Supporting Routing Services on WANETs. IEEE Transactions on Network and Service Management, 2012, 9, 156-168.	3.2	21
65	An efficient data acquisition model for urban sensor networks. , 2012, , .		13
66	A reliable and distributed time synchronization for Cognitive Radio Networks. , 2012, , .		3
67	A bio-inspired scheme on quorum systems for reliable services data management in MANETs. , 2012, , .		2
68	Mitigation of Hot Spots on Wireless Sensor Networks. , 2012, , 206-222.		0
69	Biologically inspired architecture for security management on wireless self-organized networks. , 2011, , .		0
70	Resilient approach for energy management on Hot Spots in WSNs. , 2011, , .		1
71	Project implementation and field experience with a transmission cable differential protection system using non-conventional current sensors. , 2011, , .		0
72	Survivable key management on WANETs. IEEE Wireless Communications, 2011, 18, 82-88.	6.6	19

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73	Modeling multiple hop wireless networks with varying transmission power and data rate. Computer Communications, 2011, 34, 1213-1221.	3.1	1
74	Fuzzy-based load self-configuration in mobile P2P services. Computer Networks, 2011, 55, 1834-1848.	3.2	12
75	Detecting misbehaving units on computational grids. Concurrency Computation Practice and Experience, 2010, 22, 329-342.	1.4	1
76	Transmission power and data rate aware routing on wireless networks. Computer Networks, 2010, 54, 2979-2990.	3.2	6
77	Line differential protection systems based on low power stand alone current sensors. , 2010, , .		2
78	A Cross-Layer and Adaptive Scheme for Balancing Performance and Security on WMN Data Routing. , 2010, , .		6
79	Cable differential protection systems based on non-conventional current sensors. , 2010, , .		1
80	A framework for self-configuration on WMNs aware of performance and security issues. , 2010, , .		1
81	A distributed information repository for autonomic context-aware MANETs. IEEE Transactions on Network and Service Management, 2009, 6, 45-55.	3.2	21
82	Survivable keying for wireless ad hoc networks. , 2009, , .		1
83	A survey of survivability in mobile ad hoc networks. IEEE Communications Surveys and Tutorials, 2009, 11, 66-77.	24.8	94
84	Analyzing the Effectiveness of the Self-organized Public-Key Management System on MANETs under the Lack of Cooperation and the Impersonation Attacks. Communications in Computer and Information Science, 2009, , 166-179.	0.4	1
85	RFID tags: Positioning principles and localization techniques. , 2008, , .		260
86	Identity-based key management in mobile ad hoc networks: techniques and applications. IEEE Wireless Communications, 2008, 15, 46-52.	6.6	70
87	Requirements for survivable routing in MANETs. , 2008, , .		8
88	An Architecture for Survivable Mesh Networking. , 2008, , .		6
89	MANKOP: A Knowledge Plane for wireless ad hoc networks. , 2008, , .		6
90	Survival multipath routing for MANETs. , 2008, , .		12

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91	Impact of double circuit lines operated in parallel on distance protection. , 2008, , .		0
92	A survey of secure mobile Ad Hoc routing protocols. IEEE Communications Surveys and Tutorials, 2008, 10, 78-93.	24.8	9
93	Optimizing wireless ad hoc communication resources with a knowledge plane. , 2007, , .		4
94	Transmission power control techniques for wireless sensor networks. Computer Networks, 2007, 51, 4765-4779.	3.2	119
95	Detecting Malicious Manipulation in Grid Environments. Proceedings Symposium on Computer Architecture and High Performance Computing, 2006, , .	0.0	3
96	A rule-based adaptive routing protocol for continuous data dissemination in WSNs. Journal of Parallel and Distributed Computing, 2006, 66, 542-555.	2.7	9
97	Evaluating Fault Tolerance Aspects in Routing Protocols for Wireless Sensor Networks. International Federation for Information Processing, 2006, , 285-294.	0.4	5
98	Policy-Based Adaptive Routing in Autonomous WSNs. Lecture Notes in Computer Science, 2005, , 206-219.	1.0	4
99	Reliable Distributed Network Management by Replication. Journal of Network and Systems Management, 2004, 12, 191-213.	3.3	5
100	Network fault management based on SNMP agent groups. , 2001, , .		12
101	Semi-active replication of SNMP objects in agent groups applied for fault management. , 0, , .		5
102	Zero Trust Access Control with Context-Aware and Behavior-Based Continuous Authentication for Smart Homes. , 0, , .		2
103	Compressão de Dados Local em Tempo Real Energeticamente Eficiente para Redes WBAN. , 0, , .		0
104	Atribuições Cooperativas de Tarefas de Sensoriamento Baseada em Consenso Relacional para Redes IIoT. , 0, , .		0
105	Coordenação de Múltiplos Eventos Críticos de Saúde Por Redes Dinâmicas de Interesses Sociais. , 0, , .		0