Abed Ellatif Samhat

List of Publications by Year
in descending order

54 papers	1,116 citations	933447 10 h-index	580821 25 g-index
56 all docs	56 docs citations	56 times ranked	1179 citing authors

#	Article	IF	Citations
1	VANet security challenges and solutions: A survey. Vehicular Communications, 2017, 7, 7-20.	4.0	429
2	Internet of Mobile Things: Overview of LoRaWAN, DASH7, and NB-IoT in LPWANs Standards and Supported Mobility. IEEE Communications Surveys and Tutorials, 2019, 21, 1561-1581.	39.4	216
3	Verification of smart contracts: A survey. Pervasive and Mobile Computing, 2020, 67, 101227.	3.3	60
4	Trust model for secure group leader-based communications in VANET. Wireless Networks, 2019, 25, 4639-4661.	3.0	43
5	Fully Enhanced Homomorphic Encryption algorithm of MORE approach for real world applications. Journal of Information Security and Applications, 2017, 34, 233-242.	2.5	27
6	On Blockchain Integration with Supply Chain: Overview on Data Transparency. Logistics, 2021, 5, 46.	4.3	26
7	Misbehavior detection and efficient revocation within VANET. Journal of Information Security and Applications, 2019, 46, 193-209.	2.5	24
8	On BlockChain Technology: Overview of Bitcoin and Future Insights. , 2018, , .		23
9	Group-based authentication in V2V communications. , 2015, , .		19
10	Security Risk Analysis of a Trust Model for Secure Group Leader-Based Communication in VANET. Advances in Intelligent Systems and Computing, 2017, , 71-83.	0.6	19
11	On DGHV and BGV fully homomorphic encryption schemes. , 2017, , .		16
12	Towards IP over LPWANs technologies: LoRaWAN, DASH7, NB-IoT. , 2018, , .		15
13	Mobility Management With Session Continuity During Handover in LPWAN. IEEE Internet of Things Journal, 2020, 7, 6686-6703.	8.7	13
14	Semi-dynamic simulator for large-scale heterogeneous wireless networks. International Journal of Mobile Network Design and Innovation, 2006, 1, 269.	0.1	12
15	Security and AAA Architecture for WiFi-WiMAX Mesh Network. , 2007, , .		12
16	An efficient fully homomorphic symmetric encryption algorithm. Multimedia Tools and Applications, 2020, 79, 12139-12164.	3.9	11
17	A security solution for V2V communication within VANETs. , 2018, , .		10
18	Implementation of SCHC in NS-3 and Comparison with 6LoWPAN. , 2019, , .		10

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19	Towards an ultra lightweight block ciphers for Internet of Things. Journal of Information Security and Applications, 2021, 61, 102897.	2.5	9
20	A Layer 2 Scheme of Inter-RAT Handover between UMTS and WiMAX. , 2008, , .		8
21	Analytical framework for dimensioning hierarchical WiMax–WiFi networks. Computer Networks, 2009, 53, 299-309.	5.1	8
22	Overview and Measurement of Mobility in DASH7. , 2018, , .		8
23	Dimensioning Hierarchical WiMax-WiFi Networks. , 2008, , .		7
24	A layer 2 scheme for inter-RAT handover between UMTS and WiMAX in tight coupling architecture. , 2008, , .		7
25	Media independent solution for mobility management in heterogeneous LPWAN technologies. Computer Networks, 2020, 182, 107423.	5.1	7
26	Computing Resource Allocation Scheme for DAG-Based IOTA Nodes. Sensors, 2021, 21, 4703.	3.8	7
27	Fluid Model for Wireless Adhoc Networks. , 2007, , .		6
28	Hybrid decision algorithm for access selection in multi-operator networks. , 2014, , .		5
29	Best operator policy in a heterogeneous wireless network. , 2014, , .		4
30	Pricing strategies in multi-operator heterogeneous wireless networks. , 2015, , .		4
31	Design and realization of a new neural block cipher. , 2015, , .		4
32	An Efficient Solution Towards Secure Homomorphic Symmetric Encryption Algorithms. ITM Web of Conferences, 2019, 27, 05002.	0.5	4
33	Lebanon Solar Rooftop Potential Assessment Using Buildings Segmentation From Aerial Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4909-4918.	4.9	4
34	ABCDecision: A Simulation Platform for Access Selection Algorithms in Heterogeneous Wireless Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	3
35	Dynamic superframe size-based admission control in parent/child HR WPANs. , 2013, , .		3
36	Resource Allocation in High Data Rate Mesh WPAN: A Survey Paper. Wireless Personal Communications, 2014, 74, 909-932.	2.7	3

#	Article	IF	Citations
37	Resource Allocation for D2D Communications in Mobile Networks. , 2018, , .		3
38	Privacy preservation of genome data analysis using homomorphic encryption. Service Oriented Computing and Applications, 2021, 15, 273.	1.6	3
39	Tangle the Blockchain:Towards Connecting Blockchain and DAG. , 2021, , .		3
40	A Cross-Layer Scheme for Inter-RAT Handover from WiMAX to UMTS. , 2008, , .		2
41	Access selection and joint pricing in multi-operator wireless networks: A Stackelberg game. , 2015, , .		2
42	Radio Access Network Sharing in 5G: Strategies and Benefits. Wireless Personal Communications, 2017, 96, 2715-2740.	2.7	2
43	Smart Contract Based Solution for Secure Distributed SDN. , 2021, , .		2
44	IP versus AAL2 for transport in the UMTS radio access network. Computer Communications, 2005, 28, 477-484.	5.1	1
45	Cross-layer resource allocation in WiMAX multi-hop networks using smart antennas. , 2011, , .		1
46	Admission control and resource allocation strategies for IEEE 802.15.5. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	1
47	Comparison between access selection algorithms in multi-operator wireless networks. , 2015, , .		1
48	Resource allocation mechanism in IEEE 802.15.3 parent/child model. Wireless Networks, 2015, 21, 1863-1877.	3.0	1
49	Optimization Framework for Resource Allocation in IEEE 802.15.5 Hop-1. , 2018, , .		1
50	Admission control and resource allocation in IEEE 802.15.5 HDR WPAN. , 2014, , .		0
51	Resource allocation with differentiation between RT and NRT traffic in IEEE 802.15.5. , 2014, , .		0
52	Energy Efficient Resource Sharing in Multi-Operator Heterogeneous Cloud RAN. , 2018, , .		0
53	Hop-2 IEEE 802.15.5 Optimization framework for Resource Allocation with Service Differentiation. , 2019, , .		0
54	Fully Homomorphic Encryption Scheme Based On Complex Numbers. Advances in Science, Technology and Engineering Systems, 2019, 4, 30-38.	0.5	0