Ismail Fauzi Isnin

List of Publications by Year
in descending order

		1307594	1281871
24 papers	859 citations	7 h-index	11 g-index
24 all docs	24 docs citations	24 times ranked	740 citing authors

#	Article	IF	Citations
1	A Reliable Merging Link Scheme Using Weighted Markov Chain Model in Vehicular Ad Hoc Networks. Sensors, 2022, 22, 4861.	3.8	0
2	Road-Based Multi-Metric Forwarder Evaluation for Multipath Video Streaming in Urban Vehicular Communication. Electronics (Switzerland), 2020, 9, 1663.	3.1	2
3	Optimized backoff scheme for prioritized data in wireless sensor networks: A class of service approach. PLoS ONE, 2020, 15, e0237154.	2.5	20
4	Control Messages Overhead Impact on Destination Oriented Directed Acyclic Graph—A Wireless Sensor Networks Objective Functions Performance Comparison. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1227-1235.	0.4	11
5	A Development of Headwater Phenomenon Warning and Monitoring System. , 2020, , .		0
6	Performance Evaluation for ContikiMAC, XMAC, CXMAC and NullMAC Protocols for Energy Efficient Wireless Sensor Networks. , 2019, , .		4
7	Image encryption using a synchronous permutation-diffusion technique. Optics and Lasers in Engineering, 2017, 90, 146-154.	3.8	193
8	To Share or Not to Share: <i>Tabayyun</i> Made Possible with MyVeri5. Advanced Science Letters, 2017, 23, 4542-4545.	0.2	0
9	T-MQM: Testbed based Multi-metric Quality Measurement of Sensor Deployment for Precision Agriculture-A Case Study. IEEE Sensors Journal, 2016, , 1-1.	4.7	23
10	A PERFORMANCE IMPROVED CERTIFICATELESS KEY AGREEMENT SCHEME OVER ELLIPTIC CURVE BASED ALGEBRAIC GROUPS. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
11	A novel chaotic based image encryption using a hybrid model of deoxyribonucleic acid and cellular automata. Optics and Lasers in Engineering, 2015, 71, 33-41.	3.8	127
12	A Novel Secure Two-Party Identity-Based Authenticated Key Agreement Protocol Without Bilinear Pairings. Advances in Intelligent Systems and Computing, 2015, , 287-294.	0.6	4
13	An Efficient Pairing-Free Certificateless Authenticated Two-Party Key Agreement Protocol Over Elliptic Curves. Advances in Intelligent Systems and Computing, 2015, , 295-302.	0.6	3
14	Secure and Authenticated Key Agreement protocol with minimal complexity of operations in the context of identity-based cryptosystems. , 2015, , .		1
15	New secure identity-based and certificateless authenticated Key Agreement protocols without pairings. , 2014, , .		6
16	Bio-Mimic Optimization Strategies in Wireless Sensor Networks: A Survey. Sensors, 2014, 14, 299-345.	3.8	90
17	Seluge++: A Secure Over-the-Air Programming Scheme in Wireless Sensor Networks. Sensors, 2014, 14, 5004-5040.	3.8	8
18	Rushing attack against routing protocols in Mobile Ad-Hoc Networks. , 2014, , .		11

#	Article	IF	Citations
19	Security evaluation over lightweight cryptographic protocols. , 2014, , .		0
20	Chaos-based image encryption using a hybrid genetic algorithm and a DNA sequence. Optics and Lasers in Engineering, 2014, 56, 83-93.	3.8	337
21	Security and privacy enhancement in VANETs using mobility pattern. , 2013, , .		15
22	Path loss measurements and comparisons of 433 MHz, 869 MHz and 1249 MHz within multi-floored buildings. Proceedings of SPIE, 2010, , .	0.8	0
23	1.25 GHz path loss prediction models for multifloored buildings. , 2009, , .		2
24	Secure Lightweight Pairing-Based Key-Agreement Cryptosystems: Issues and Challenges. International Journal of Engineering and Technology, 0, , 320-324.	0.2	2