

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70 papers	485 citations	10 h-index	19 g-index
124 ext. papers	712 ext. citations	2.9 avg, IF	4.51 L-index

#	Paper	IF	Citations
70	Critical review of a global campus sustainability ranking: GreenMetric. <i>Journal of Cleaner Production</i> , 2015 , 108, 852-863	10.3	75
69	Evaluating UI GreenMetric as a tool to support green universities development: assessment of the year 2011 ranking. <i>Journal of Cleaner Production</i> , 2013 , 61, 46-53	10.3	75
68	Optimization of Random Access Channel in NB-IoT. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 391-402	10.7	54
67	Intrusion Detection in IoT Networks Using Deep Learning Algorithm. <i>Information (Switzerland)</i> , 2020 , 11, 279	2.6	33
66	Analysis of group paging with pre-backoff. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	16
65	Evaluation of Proof of Work (POW) Blockchains Security Network on Selfish Mining 2018 ,		13
64	Security and performance enhancement of AODV routing protocol. <i>International Journal of Communication Systems</i> , 2015 , 28, 2003-2019	1.7	11
63	Evolutionary multi-objective based approach for wireless sensor network deployment 2014 ,		11
62	Performance evaluation of the manhattan mobility model in vehicular ad-hoc networks for high mobility vehicle 2013 ,		10
61	Consecutive group paging for LTE networks supporting machine-type communications services 2013 ,		10
60	Performance comparison of GPSR and ZRP routing protocols in VANET environment 2016 ,		9
59	Green house monitoring and controlling using Android mobile application 2013 ,		9
58	Color transformation for color blind compensation on augmented reality system 2011 ,		9
57	Mobile LoRa Gateway for Smart Livestock Monitoring System 2018 ,		8
56	Blockchain-Based Implementation of Building Information Modeling Information Using Hyperledger Composer. <i>Sustainability</i> , 2021 , 13, 321	3.6	7
55	Performance evaluation of PUMA routing protocol for Manhattan mobility model on vehicular ad-hoc network 2015 ,		6
54	Performance comparison of modified AODV in reference point group mobility and random waypoint mobility models 2013 ,		6

53	Path Selection using Fuzzy Weight Aggregated Sum Product Assessment. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	6
52	Performance comparison of IEEE 1609.4/802.11p and 802.11e with EDCA implementation in MAC sublayer 2013 ,		5
51	Timebase dynamic weight for Dijkstra Algorithm implementation in route planning software 2014 ,		5
50	Energy Consumption at the Node in Underwater Wireless Sensor Network (UWSNs) 2012 ,		5
49	Performance evaluation of RSS fingerprinting method to track ZigBee devices location using artificial neural networks 2017 ,		4
48	Improving Fairness of H-index: RA-index. <i>DESIDOC Journal of Library and Information Technology</i> , 2018 , 38, 378	1.4	4
47	Energy harvesting aware protocol for 802.11-based Internet of Things network 2016 ,		4
46	Secure multi-protocol gateway for Internet of Things 2018 ,		4
45	Performance evaluation of corrupted signal caused by random way point and Gauss Markov mobility model on IEEE 1609.4 standards 2015 ,		3
44	Performance analysis of optimized trust AODV using ant algorithm 2014 ,		3
43	Performance analysis of evolutionary multi-objective based approach for deployment of wireless sensor network with the presence of fixed obstacles 2014 ,		3
42	Improving resource allocation performance in mobile ad hoc grid with mobility prediction 2014 ,		3
41	An analytical model of A-MSDU scheme with enhanced Block ACK for IEEE 802.11n networks 2012 ,		3
40	Adding gateway mode for R-AODV routing protocol in hybrid ad hoc network 2011 ,		3
39	Color recognition system with augmented reality concept and finger interaction: Case study for color blind aid system 2012 ,		3
38	Integrating Web Server Applications With LDAP Authentication: Case Study on Human Resources Information System of UI 2006 ,		3
37	Implementation of Web Ontology and Semantic Application for Electronic Journal Citation System. <i>Journal of Emerging Technologies in Web Intelligence</i> , 2010 , 2,		3
36	Fair Configuration Scheme for Random Access in NB-IoT with Multiple Coverage Enhancement Levels. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 1408-1419	4.6	3

35	Managing university landscape and infrastructure towards green and sustainable campus. <i>E3S Web of Conferences</i> , 2018 , 48, 02001	0.5	3
34	The Effect of Latency on Selfish-Miner Attack on Block Receive Time Bitcoin Network Using NS3 2018 ,		3
33	Load Estimation and Connection Request Barring for Random Access in Massive C-IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6539-6549	10.7	2
32	Implementation of Indonesian Electronic Citation System Based on Web Extraction Techniques 2010 ,		2
31	A Discrimination Index Based on Jain's Fairness Index to Differentiate Researchers with Identical H-index Values. <i>Journal of Data and Information Science</i> , 2020 , 5, 5-18	1.2	2
30	A Comprehensive Review on Network Protocol Design for Autonomic Internet of Things. <i>Information (Switzerland)</i> , 2021 , 12, 292	2.6	2
29	Intrusion Detection in Software Defined Network Using Deep Learning Approach 2021 ,		2
28	Simulation of Mobile LoRa Gateway for Smart Electricity Meter 2018 ,		2
27	Performance estimation of AODV variant with trust mechanism 2014 ,		1
26	Multicast routing performance analysis for different mobility models on the IEEE 1609.4 standard using random Dijkstra algorithm 2014 ,		1
25	Object-following robot using adaptive cruise control algorithm with IOIO 2014 ,		1
24	Task execution reliability of resource allocation with tasks replication in mobile ad hoc grid 2013 ,		1
23	Comparison of ECDSA and RSA signature scheme on NLSR performance 2017 ,		1
22	Measuring Quality of Services (QoS) of several forwarding strategies on Named Data Networking(NDN) using ndnSIM 2017 ,		1
21	A morphometries analysis method for craniofacial differences of ancient humans 2017 ,		1
20	Study on the correlation of web repository ranking to the green campus ranking of Indonesian Universities 2015 ,		1
19	Dual hop multicast ping method for node failure detection in ZigBee loop network 2014 ,		1
18	DCF and EDCA throughput improvement using Selective Anomalous Slot Avoidance (SASA) 2013 ,		1

17	Implementing text information display of detected color for partially color blinded person using .NET platform and EmguCV library 2011 ,		1
16	Performance evaluation of datagram congestion control protocol for SIP signalling using NS-2 simulation 2010 ,		1
15	Implementing Speech Feature for Embedded System to Support Color Blind People 2011 ,		1
14	Energy Balanced Threshold Using Game Theory Algorithm for Wireless Sensor Networks Optimization 2020 ,		1
13	An Empirical Comparison of BERT, RoBERTa, and Electra for Fact Verification 2021 ,		1
12	Lora Characteristics Analysis for IoT Application using NS3 Simulator 2019 ,		1
11	Performance Evaluation of Video Streaming Application via Named Data Network (NDN) 2019 ,		1
10	Evaluation of Hash Rate-based Double-Spending based on Proof-of-Work Blockchain 2019 ,		1
9	A DEEP LEARNING MODEL IMPLEMENTATION BASED ON RSSI FINGERPRINTING FOR LORA-BASED INDOOR LOCALIZATION. <i>EUREKA, Physics and Engineering</i> , 2021 , 40-59	0.4	1
8	The Level of Public Acceptance to the Development of a Coastal Flooding Early Warning System in Jakarta. <i>Sustainability</i> , 2021 , 13, 566	3.6	1
7	Performance Evaluation of CoAP Broker and Access Gateway Implementation on Wireless Sensor Network 2018 ,		1
6	A Review of Firefly Algorithms for Path Planning, Vehicle Routing and Traveling Salesman Problems 2018 ,		1
5	Performance Evaluation of Broadcast Domain on the Lightweight Multi-Fog Blockchain Platform for a LoRa-Based Internet of Things Network. <i>Energies</i> , 2021 , 14, 2265	3.1	0
4	RoBERTaEns: Deep Bidirectional Encoder Ensemble Model for Fact Verification. <i>Big Data and Cognitive Computing</i> , 2022 , 6, 33	3.5	0
3	Firefly-Inspired Algorithm for Data Similarity Aware Node Clustering in Low Rate Wireless Personal Area Network. <i>Advanced Science Letters</i> , 2015 , 21, 3463-3467	0.1	
2	Trust Model Based on N-Queen-Like for Mobile Ad Hoc Networks Using NS-3. <i>Advanced Science Letters</i> , 2015 , 21, 3541-3545	0.1	
1	Performance Analysis of Different Push Notification Services Implementation on Vehicle Sharing Application. <i>Advanced Science Letters</i> , 2017 , 23, 3644-3648	0.1	