

Nor Badrul Anuar

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.

115
papers

5,682
citations

35
h-index

74
g-index

134
ext. papers

7,038
ext. citations

4.4
avg, IF

6.1
L-index

#	Paper	IF	Citations
115	The rise of Big data on cloud computing: Review and open research issues. <i>Information Systems</i> , 2015 , 47, 98-115	2.7	1382
114	The role of big data in smart city. <i>International Journal of Information Management</i> , 2016 , 36, 748-758	16.4	576
113	Big data: From beginning to future. <i>International Journal of Information Management</i> , 2016 , 36, 1231-1246	6.4	209
112	Evaluation of machine learning classifiers for mobile malware detection. <i>Soft Computing</i> , 2016 , 20, 343-353	3.7	193
111	Adaptive neuro-fuzzy maximal power extraction of wind turbine with continuously variable transmission. <i>Energy</i> , 2014 , 64, 868-874	7.9	152
110	The Evolution of Android Malware and Android Analysis Techniques. <i>ACM Computing Surveys</i> , 2017 , 49, 1-41	13.4	146
109	A review on feature selection in mobile malware detection. <i>Digital Investigation</i> , 2015 , 13, 22-37	3.3	113
108	AndroDialysis: Analysis of Android Intent Effectiveness in Malware Detection. <i>Computers and Security</i> , 2017 , 65, 121-134	4.9	108
107	Cooperative game theoretic approach using fuzzy Q-learning for detecting and preventing intrusions in wireless sensor networks. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 32, 228-241	7.2	106
106	Support vector regression methodology for wind turbine reaction torque prediction with power-split hydrostatic continuous variable transmission. <i>Energy</i> , 2014 , 67, 623-630	7.9	92
105	Cloud service selection using multicriteria decision analysis. <i>Scientific World Journal</i> , 2014 , 2014, 459375	2.2	88
104	Malicious accounts: Dark of the social networks. <i>Journal of Network and Computer Applications</i> , 2017 , 79, 41-67	7.9	84
103	The landscape of research on smartphone medical apps: Coherent taxonomy, motivations, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , 2015 , 122, 393-408	6.9	84
102	D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 55, 212-226	4.6	82
101	An appraisal and design of a multi-agent system based cooperative wireless intrusion detection computational intelligence technique. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 2105-2127	7.2	80
100	Secure and dependable software defined networks. <i>Journal of Network and Computer Applications</i> , 2016 , 61, 199-221	7.9	73
99	Co-FAIS: Cooperative fuzzy artificial immune system for detecting intrusion in wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2014 , 42, 102-117	7.9	71

98	Botnet detection techniques: review, future trends, and issues. <i>Journal of Zhejiang University: Science C</i> , 2014 , 15, 943-983		71
97	Potential of radial basis function-based support vector regression for apple disease detection. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 55, 512-519	4.6	67
96	Routing protocol design for secure WSN: Review and open research issues. <i>Journal of Network and Computer Applications</i> , 2014 , 41, 517-530	7.9	62
95	Evaluation of traditional and consolidated rice farms in Guilan Province, Iran, using life cycle assessment and fuzzy modeling. <i>Science of the Total Environment</i> , 2014 , 481, 242-51	10.2	59
94	The rise of malware—Bibliometric analysis of malware study. <i>Journal of Network and Computer Applications</i> , 2016 , 75, 58-76	7.9	58
93	The rise of Blockchain—bibliometric analysis of blockchain study. <i>Scientometrics</i> , 2019 , 120, 1289-1331	3	58
92	The rise of traffic classification in IoT networks: A survey. <i>Journal of Network and Computer Applications</i> , 2020 , 154, 102538	7.9	54
91	Intrusion response systems: Foundations, design, and challenges. <i>Journal of Network and Computer Applications</i> , 2016 , 62, 53-74	7.9	53
90	Decreasing environmental impacts of cropping systems using life cycle assessment (LCA) and multi-objective genetic algorithm. <i>Journal of Cleaner Production</i> , 2015 , 86, 67-77	10.3	52
89	MapReduce: Review and open challenges. <i>Scientometrics</i> , 2016 , 109, 389-422	3	51
88	An appraisal of wind speed distribution prediction by soft computing methodologies: A comparative study. <i>Energy Conversion and Management</i> , 2014 , 84, 133-139	10.6	46
87	Ant-based vehicle congestion avoidance system using vehicular networks. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 36, 303-319	7.2	43
86	Development of a new type of passively adaptive compliant gripper. <i>Industrial Robot</i> , 2013 , 40, 610-623	1.4	42
85	Applications of link prediction in social networks: A review. <i>Journal of Network and Computer Applications</i> , 2020 , 166, 102716	7.9	42
84	Man-At-The-End attacks: Analysis, taxonomy, human aspects, motivation and future directions. <i>Journal of Network and Computer Applications</i> , 2015 , 48, 44-57	7.9	41
83	Identifying False Alarm for Network Intrusion Detection System Using Hybrid Data Mining and Decision Tree. <i>Malaysian Journal of Computer Science</i> , 2008 , 21, 101-115	1.2	40
82	A multi-objective evolutionary algorithm for energy management of agricultural systems—A case study in Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 44, 457-465	16.2	38
81	The rise of keyloggers on smartphones: A survey and insight into motion-based tap inference attacks. <i>Pervasive and Mobile Computing</i> , 2016 , 25, 1-25	3.5	33

80	Ant colony optimisation for vehicle traffic systems: applications and challenges. <i>International Journal of Bio-Inspired Computation</i> , 2014 , 6, 32	2.9	31
79	DyHAP: Dynamic Hybrid ANFIS-PSO Approach for Predicting Mobile Malware. <i>PLoS ONE</i> , 2016 , 11, e0162627	3.7	31
78	Blending Big Data Analytics: Review on Challenges and a Recent Study. <i>IEEE Access</i> , 2020 , 8, 3629-3645	3.5	31
77	Root Exploit Detection and Features Optimization: Mobile Device and Blockchain Based Medical Data Management. <i>Journal of Medical Systems</i> , 2018 , 42, 112	5.1	30
76	Survey of secure multipath routing protocols for WSNs. <i>Journal of Network and Computer Applications</i> , 2015 , 55, 123-153	7.9	30
75	An appraisal of wind turbine wake models by adaptive neuro-fuzzy methodology. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 63, 618-624	5.1	29
74	Sentiment analyses of multilingual tweets on halal tourism. <i>Tourism Management Perspectives</i> , 2020 , 34, 100658	5.8	28
73	Discovering optimal features using static analysis and a genetic search based method for Android malware detection. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2018 , 19, 712-736	2.2	28
72	Sensorless estimation of wind speed by adaptive neuro-fuzzy methodology. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 62, 490-495	5.1	28
71	Bots and botnets: An overview of characteristics, detection and challenges 2012 ,		28
70	Halal Products on Twitter: Data Extraction and Sentiment Analysis Using Stack of Deep Learning Algorithms. <i>IEEE Access</i> , 2019 , 7, 83354-83362	3.5	27
69	A multi-objective software defined network traffic measurement. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 95, 317-327	4.6	27
68	Adaptive neuro-fuzzy optimization of wind farm project net profit. <i>Energy Conversion and Management</i> , 2014 , 80, 229-237	10.6	26
67	MoBots: A new generation of botnets on mobile devices and networks 2012 ,		25
66	Adaptive neuro-fuzzy estimation of optimal lens system parameters. <i>Optics and Lasers in Engineering</i> , 2014 , 55, 84-93	4.6	23
65	A cooperative expert based support vector regression (Co-ESVR) system to determine collar dimensions around bridge pier. <i>Neurocomputing</i> , 2014 , 140, 172-184	5.4	23
64	Bio-inspired for Features Optimization and Malware Detection. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 6963-6979	2.5	22
63	Towards dynamic remote data auditing in computational clouds. <i>Scientific World Journal, The</i> , 2014 , 2014, 269357	2.2	21

62	Comparative study of k-means and mini batch k-means clustering algorithms in android malware detection using network traffic analysis 2014 ,		21
61	Cross-VM cache-based side channel attacks and proposed prevention mechanisms: A survey. <i>Journal of Network and Computer Applications</i> , 2017 , 93, 259-279	7.9	20
60	Cost Effective Network Flow Measurement for Software Defined Networks: A Distributed Controller Scenario. <i>IEEE Access</i> , 2018 , 6, 5182-5198	3.5	19
59	Adaptive neuro-fuzzy prediction of grasping object weight for passively compliant gripper. <i>Applied Soft Computing Journal</i> , 2014 , 22, 424-431	7.5	19
58	Multi-objective scheduling of MapReduce jobs in big data processing. <i>Multimedia Tools and Applications</i> , 2018 , 77, 9979-9994	2.5	19
57	Bio-inspired computational paradigm for feature investigation and malware detection: interactive analytics. <i>Multimedia Tools and Applications</i> , 2018 , 77, 17519-17555	2.5	18
56	Adaptive neuro-fuzzy generalization of wind turbine wake added turbulence models. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 36, 270-276	16.2	18
55	Cloud-Based Intrusion Detection and Response System: Open Research Issues, and Solutions. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 399-423	2.5	17
54	Adaptive neuro-fuzzy estimation of building augmentation of wind turbine power. <i>Computers and Fluids</i> , 2014 , 97, 188-194	2.8	17
53	Incident prioritisation using analytic hierarchy process (AHP): Risk Index Model (RIM). <i>Security and Communication Networks</i> , 2013 , 6, 1087-1116	1.9	17
52	SMSAD: a framework for spam message and spam account detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3925-3960	2.5	17
51	A Single Journal Study: Malaysian Journal of Computer Science. <i>Malaysian Journal of Computer Science</i> , 2009 , 22, 1-18	1.2	16
50	2018 ,		14
49	An Overview of Audio Event Detection Methods from Feature Extraction to Classification. <i>Applied Artificial Intelligence</i> , 2017 , 31, 661-714	2.3	13
48	Challenges of Internet of Things and Big Data Integration. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 47-55	0.2	12
47	Evaluation of Network Traffic Analysis Using Fuzzy C-Means Clustering Algorithm in Mobile Malware Detection. <i>Advanced Science Letters</i> , 2018 , 24, 929-932	0.1	12
46	MapReduce scheduling algorithms: a review. <i>Journal of Supercomputing</i> , 2020 , 76, 4915-4945	2.5	12
45	Detecting opinion spams through supervised boosting approach. <i>PLoS ONE</i> , 2018 , 13, e0198884	3.7	12

44	Service delivery models of cloud computing: security issues and open challenges. <i>Security and Communication Networks</i> , 2016 , 9, 4726-4750	1.9	11
43	The Internet of Things adoption in healthcare applications 2017 ,		10
42	An investigation and survey of response options for Intrusion Response Systems (IRSs) 2010 ,		10
41	ABC: Android Botnet Classification Using Feature Selection and Classification Algorithms. <i>Advanced Science Letters</i> , 2017 , 23, 4717-4720	0.1	10
40	Cyber parental control: A bibliometric study. <i>Children and Youth Services Review</i> , 2020 , 116, 105134	2	9
39	Mobile botnet detection: Proof of concept 2014 ,		9
38	Co-FQL: Anomaly detection using cooperative fuzzy Q-learning in network. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 28, 1345-1357	1.6	8
37	Blind source mobile device identification based on recorded call. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 36, 320-331	7.2	8
36	The rise of software vulnerability: Taxonomy of software vulnerabilities detection and machine learning approaches. <i>Journal of Network and Computer Applications</i> , 2021 , 179, 103009	7.9	8
35	Less Give More – Evaluate and zoning Android applications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 133, 396-411	4.6	8
34	Anomaly Detection Using Cooperative Fuzzy Logic Controller. <i>Communications in Computer and Information Science</i> , 2013 , 220-231	0.3	7
33	Performance Evaluation of Machine Learning Algorithms for Spam Profile Detection on Twitter Using WEKA and RapidMiner. <i>Advanced Science Letters</i> , 2018 , 24, 1043-1046	0.1	7
32	High-performance combination method of electric network frequency and phase for audio forgery detection in battery-powered devices. <i>Forensic Science International</i> , 2016 , 266, 427-439	2.6	7
31	An evolution of image source camera attribution approaches. <i>Forensic Science International</i> , 2016 , 262, 242-75	2.6	6
30	Calculation of optimal induction heater capacitance based on the smart bacterial foraging algorithm. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 61, 326-334	5.1	6
29	Tweep: A System Development to Detect Depression in Twitter Posts. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 543-552	0.2	6
28	Pixel value differencing steganography techniques: Analysis and open challenge 2015 ,		5
27	Examining what people tweet in relation to halal cosmetics-related topics. <i>Cogent Arts and Humanities</i> , 2020 , 7, 1724593	0.6	5

26	Source camera identification: a distributed computing approach using Hadoop. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2017 , 6,	3.2	4
25	Performance evaluation of virtual desktop operating systems in virtual desktop infrastructure 2017 ,		4
24	Performance and Security Challenges Digital Rights Management (DRM) Approaches Using Fog Computing for Data Provenance: A Survey. <i>Journal of Medical Imaging and Health Informatics</i> , 2020 , 10, 2404-2420	1.2	4
23	Blind source computer device identification from recorded VoIP calls for forensic investigation. <i>Forensic Science International</i> , 2017 , 272, 111-126	2.6	3
22	Evaluation of IoT-Based Computational Intelligence Tools for DNA Sequence Analysis in Bioinformatics. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 339-350	0.4	3
21	Blind identification of source mobile devices using VoIP calls 2014 ,		3
20	The Feasibility of Employing IEEE802.11p in Electronic-Based Congestion Pricing Zone: A Comparative Study with RFID. <i>Malaysian Journal of Computer Science</i> , 2017 , 29, 247-261	1.2	3
19	User Profiling in Anomaly Detection of Authorization Logs. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 59-65	0.2	3
18	Challenges and Recommended Solutions in Multi-Source and Multi-Domain Sentiment Analysis. <i>IEEE Access</i> , 2019 , 7, 144957-144971	3.5	2
17	Modulation transfer function estimation of optical lens system by adaptive neuro-fuzzy methodology. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014 , 117, 121-131	0.7	2
16	Educating users to generate secure graphical password secrets: An initial study 2013 ,		2
15	Computational intelligence tools and databases in bioinformatics 2017 ,		2
14	Comparative Evaluation of Ensemble Learning and Supervised Learning in Android Malwares Using Network-Based Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 1025-1035	0.2	2
13	A Response Strategy Model for Intrusion Response Systems. <i>International Federation for Information Processing</i> , 2012 , 573-578		2
12	A response selection model for intrusion response systems: Response Strategy Model (RSM). <i>Security and Communication Networks</i> , 2014 , 7, 1831-1848	1.9	1
11	Blind Source Computer Device Identification from Recorded Calls. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 263-275	0.2	1
10	Inculcating ICT Skills through a Collaborative Digital Library Initiative for Educational Use. <i>Lecture Notes in Computer Science</i> , 2003 , 489-492	0.9	1
9	A survey on video content rating: taxonomy, challenges and open issues. <i>Multimedia Tools and Applications</i> , 2021 , 80, 24121	2.5	1

8	Grano-GT: A granular ground truth collection tool for encrypted browser-based Internet traffic. <i>Computer Networks</i> , 2021 , 184, 107617	5.4	1
7	Local Gradient Difference Features for Classification of 2D-3D Natural Scene Text Images 2021 ,		1
6	Understanding COVID-19 Halal Vaccination Discourse on Facebook and Twitter Using Aspect-Based Sentiment Analysis and Text Emotion Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6269	4.6	1
5	Building Online Historical Resources Collaboratively: Making the Most of a Digital Library to Reinforce ICT Skills in Malaysia. <i>Information Development</i> , 2004 , 20, 200-210	1.6	0
4	The rise of obfuscated Android malware and impacts on detection methods.. <i>PeerJ Computer Science</i> , 2022 , 8, e907	2.7	0
3	Prioritized Shortest Path Computation Mechanism (PSPCM) for wireless sensor networks.. <i>PLoS ONE</i> , 2022 , 17, e0264683	3.7	0
2	GRAIN: Granular multi-label encrypted traffic classification using classifier chain. <i>Computer Networks</i> , 2022 , 109084	5.4	0
1	A new deep model for family and non-family photo identification. <i>Multimedia Tools and Applications</i> , 1	2.5	