

Nor Badrul Anuar

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

8,159
citations

66234

42
h-index

49773

87
g-index

134
all docs

134
docs citations

134
times ranked

7991
citing authors

#	ARTICLE	IF	CITATIONS
1	ROOTECTOR: Robust Android Rooting Detection Framework Using Machine Learning Algorithms. Arabian Journal for Science and Engineering, 2023, 48, 1771-1791.	1.7	4
2	A new deep model for family and non-family photo identification. Multimedia Tools and Applications, 2022, 81, 1765-1785.	2.6	1
3	The rise of obfuscated Android malware and impacts on detection methods. PeerJ Computer Science, 2022, 8, e907.	2.7	9
4	Prioritized Shortest Path Computation Mechanism (PSPCM) for wireless sensor networks. PLoS ONE, 2022, 17, e0264683.	1.1	5
5	Understanding COVID-19 Halal Vaccination Discourse on Facebook and Twitter Using Aspect-Based Sentiment Analysis and Text Emotion Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 6269.	1.2	6
6	GRAIN: Granular multi-label encrypted traffic classification using classifier chain. Computer Networks, 2022, 213, 109084.	3.2	7
7	Grano-GT: A granular ground truth collection tool for encrypted browser-based Internet traffic. Computer Networks, 2021, 184, 107617.	3.2	2
8	Local Gradient Difference Features for Classification of 2D-3D Natural Scene Text Images. , 2021, , .		4
9	A survey on video content rating: taxonomy, challenges and open issues. Multimedia Tools and Applications, 2021, 80, 24121.	2.6	2
10	The rise of software vulnerability: Taxonomy of software vulnerabilities detection and machine learning approaches. Journal of Network and Computer Applications, 2021, 179, 103009.	5.8	48
11	TWO-STEP MODEL FOR EMOTION DETECTION ON TWITTER USERS: A COVID-19 CASE STUDY IN MALAYSIA. Malaysian Journal of Computer Science, 2021, 34, 374-388.	0.5	3
12	MapReduce scheduling algorithms: a review. Journal of Supercomputing, 2020, 76, 4915-4945.	2.4	24
13	Blending Big Data Analytics: Review on Challenges and a Recent Study. IEEE Access, 2020, 8, 3629-3645.	2.6	66
14	Applications and use Cases of Multilevel Granularity for Network Traffic Classification. , 2020, , .		1
15	Cyber parental control: A bibliometric study. Children and Youth Services Review, 2020, 116, 105134.	1.0	17
16	Examining what people tweet in relation to halal cosmetics-related topics. Cogent Arts and Humanities, 2020, 7, 1724593.	0.5	8
17	Sentiment analyses of multilingual tweets on halal tourism. Tourism Management Perspectives, 2020, 34, 100658.	3.2	56
18	The rise of traffic classification in IoT networks: A survey. Journal of Network and Computer Applications, 2020, 154, 102538.	5.8	139

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19	Tweep: A System Development to Detect Depression in Twitter Posts. Lecture Notes in Electrical Engineering, 2020, , 543-552.	0.3	13
20	Applications of link prediction in social networks: A review. Journal of Network and Computer Applications, 2020, 166, 102716.	5.8	137
21	Quality of Service in Wireless Sensor Networks using Cellular Learning Automata. , 2020, , .		1
22	Performance and Security Challenges Digital Rights Management (DRM) Approaches Using Fog Computing for Data Provenance: A Survey. Journal of Medical Imaging and Health Informatics, 2020, 10, 2404-2420.	0.2	5
23	Evaluation of IoT-Based Computational Intelligence Tools for DNA Sequence Analysis in Bioinformatics. Advances in Intelligent Systems and Computing, 2019, , 339-350.	0.5	3
24	The rise of "blockchain" bibliometric analysis of blockchain study. Scientometrics, 2019, 120, 1289-1331.	1.6	113
25	Challenges and Recommended Solutions in Multi-Source and Multi-Domain Sentiment Analysis. IEEE Access, 2019, 7, 144957-144971.	2.6	9
26	Halal Products on Twitter: Data Extraction and Sentiment Analysis Using Stack of Deep Learning Algorithms. IEEE Access, 2019, 7, 83354-83362.	2.6	57
27	User Profiling in Anomaly Detection of Authorization Logs. Lecture Notes in Electrical Engineering, 2019, , 59-65.	0.3	5
28	"Less Give More" Evaluate and zoning Android applications. Measurement: Journal of the International Measurement Confederation, 2019, 133, 396-411.	2.5	11
29	SMSAD: a framework for spam message and spam account detection. Multimedia Tools and Applications, 2019, 78, 3925-3960.	2.6	25
30	Cost Effective Network Flow Measurement for Software Defined Networks: A Distributed Controller Scenario. IEEE Access, 2018, 6, 5182-5198.	2.6	29
31	Bio-inspired computational paradigm for feature investigation and malware detection: interactive analytics. Multimedia Tools and Applications, 2018, 77, 17519-17555.	2.6	26
32	Bio-inspired for Features Optimization and Malware Detection. Arabian Journal for Science and Engineering, 2018, 43, 6963-6979.	1.7	34
33	Internet of Things: Infrastructure, Architecture, Security and Privacy. , 2018, , .		25
34	Detecting opinion spams through supervised boosting approach. PLoS ONE, 2018, 13, e0198884.	1.1	20
35	Challenges of Internet of Things and Big Data Integration. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 47-55.	0.2	23
36	Root Exploit Detection and Features Optimization: Mobile Device and Blockchain Based Medical Data Management. Journal of Medical Systems, 2018, 42, 112.	2.2	45

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37	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.	1.5	52
38	Multi-objective scheduling of MapReduce jobs in big data processing. <i>Multimedia Tools and Applications</i> , 2018, 77, 9979-9994.	2.6	28
39	Evaluation of Network Traffic Analysis Using Fuzzy C-Means Clustering Algorithm in Mobile Malware Detection. <i>Advanced Science Letters</i> , 2018, 24, 929-932.	0.2	14
40	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.	0.2	9
41	The Evolution of Android Malware and Android Analysis Techniques. <i>ACM Computing Surveys</i> , 2017, 49, 1-41.	16.1	251
42	Blind source computer device identification from recorded VoIP calls for forensic investigation. <i>Forensic Science International</i> , 2017, 272, 111-126.	1.3	4
43	Cloud-Based Intrusion Detection and Response System: Open Research Issues, and Solutions. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 399-423.	1.7	23
44	Malicious accounts: Dark of the social networks. <i>Journal of Network and Computer Applications</i> , 2017, 79, 41-67.	5.8	122
45	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.	5.8	32
46	Source camera identification: a distributed computing approach using Hadoop. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2017, 6, .	2.1	7
47	A multi-objective software defined network traffic measurement. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 95, 317-327.	2.5	38
48	AndroDialysis: Analysis of Android Intent Effectiveness in Malware Detection. <i>Computers and Security</i> , 2017, 65, 121-134.	4.0	182
49	Performance evaluation of virtual desktop operating systems in virtual desktop infrastructure. , 2017, , .		10
50	Computational intelligence tools and databases in bioinformatics. , 2017, , .		5
51	An Overview of Audio Event Detection Methods from Feature Extraction to Classification. <i>Applied Artificial Intelligence</i> , 2017, 31, 661-714.	2.0	25
52	The Internet of Things adoption in healthcare applications. , 2017, , .		17
53	ABC: Android Botnet Classification Using Feature Selection and Classification Algorithms. <i>Advanced Science Letters</i> , 2017, 23, 4717-4720.	0.2	14
54	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.	0.5	3

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55	MapReduce: Review and open challenges. <i>Scientometrics</i> , 2016, 109, 389-422.	1.6	74
56	Service delivery models of cloud computing: security issues and open challenges. <i>Security and Communication Networks</i> , 2016, 9, 4726-4750.	1.0	18
57	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.	1.3	10
58	The rise of "malware": Bibliometric analysis of malware study. <i>Journal of Network and Computer Applications</i> , 2016, 75, 58-76.	5.8	82
59	Big data: From beginning to future. <i>International Journal of Information Management</i> , 2016, 36, 1231-1247.	10.5	282
60	The role of big data in smart city. <i>International Journal of Information Management</i> , 2016, 36, 748-758.	10.5	763
61	Evaluation of machine learning classifiers for mobile malware detection. <i>Soft Computing</i> , 2016, 20, 343-357.	2.1	284
62	Secure and dependable software defined networks. <i>Journal of Network and Computer Applications</i> , 2016, 61, 199-221.	5.8	89
63	An evolution of image source camera attribution approaches. <i>Forensic Science International</i> , 2016, 262, 242-275.	1.3	9
64	Intrusion response systems: Foundations, design, and challenges. <i>Journal of Network and Computer Applications</i> , 2016, 62, 53-74.	5.8	85
65	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.	2.1	59
66	DyHAP: Dynamic Hybrid ANFIS-PSO Approach for Predicting Mobile Malware. <i>PLoS ONE</i> , 2016, 11, e0162627.	1.1	38
67	Survey of secure multipath routing protocols for WSNs. <i>Journal of Network and Computer Applications</i> , 2015, 55, 123-153.	5.8	35
68	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.	8.2	49
69	Co-FQL: Anomaly detection using cooperative fuzzy Q-learning in network. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 28, 1345-1357.	0.8	13
70	A review on feature selection in mobile malware detection. <i>Digital Investigation</i> , 2015, 13, 22-37.	3.2	162
71	Pixel value differencing steganography techniques: Analysis and open challenge. , 2015, , .		8
72	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.	2.6	114

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73	Man-At-The-End attacks: Analysis, taxonomy, human aspects, motivation and future directions. Journal of Network and Computer Applications, 2015, 48, 44-57.	5.8	59
74	Decreasing environmental impacts of cropping systems using life cycle assessment (LCA) and multi-objective genetic algorithm. Journal of Cleaner Production, 2015, 86, 67-77.	4.6	66
75	The rise of "big data" on cloud computing: Review and open research issues. Information Systems, 2015, 47, 98-115.	2.4	1,853
76	Blind Source Computer Device Identification from Recorded Calls. Lecture Notes in Electrical Engineering, 2015, , 263-275.	0.3	1
77	Cloud Service Selection Using Multicriteria Decision Analysis. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	121
78	Towards Dynamic Remote Data Auditing in Computational Clouds. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	30
79	A response selection model for intrusion response systems: Response Strategy Model (RSM). Security and Communication Networks, 2014, 7, 1831-1848.	1.0	2
80	Comparative study of k-means and mini batch k-means clustering algorithms in android malware detection using network traffic analysis. , 2014, , .		46
81	Botnet detection techniques: review, future trends, and issues. Journal of Zhejiang University: Science C, 2014, 15, 943-983.	0.7	98
82	Blind identification of source mobile devices using VoIP calls. , 2014, , .		3
83	Adaptive neuro-fuzzy prediction of grasping object weight for passively compliant gripper. Applied Soft Computing Journal, 2014, 22, 424-431.	4.1	27
84	Cooperative game theoretic approach using fuzzy Q-learning for detecting and preventing intrusions in wireless sensor networks. Engineering Applications of Artificial Intelligence, 2014, 32, 228-241.	4.3	139
85	Calculation of optimal induction heater capacitance based on the smart bacterial foraging algorithm. International Journal of Electrical Power and Energy Systems, 2014, 61, 326-334.	3.3	6
86	Adaptive neuro-fuzzy estimation of optimal lens system parameters. Optics and Lasers in Engineering, 2014, 55, 84-93.	2.0	33
87	Adaptive neuro-fuzzy estimation of building augmentation of wind turbine power. Computers and Fluids, 2014, 97, 188-194.	1.3	25
88	Evaluation of traditional and consolidated rice farms in Guilan Province, Iran, using life cycle assessment and fuzzy modeling. Science of the Total Environment, 2014, 481, 242-251.	3.9	76
89	Routing protocol design for secure WSN: Review and open research issues. Journal of Network and Computer Applications, 2014, 41, 517-530.	5.8	82
90	Adaptive neuro-fuzzy generalization of wind turbine wake added turbulence models. Renewable and Sustainable Energy Reviews, 2014, 36, 270-276.	8.2	24

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91	D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. Measurement: Journal of the International Measurement Confederation, 2014, 55, 212-226.	2.5	94
92	Adaptive neuro-fuzzy maximal power extraction of wind turbine with a continuously variable transmission. Energy, 2014, 64, 868-874.	4.5	190
93	Modulation transfer function estimation of optical lens system by adaptive neuro-fuzzy methodology. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 121-131.	0.2	5
94	An appraisal of wind turbine wake models by adaptive neuro-fuzzy methodology. International Journal of Electrical Power and Energy Systems, 2014, 63, 618-624.	3.3	37
95	Ant-based vehicle congestion avoidance system using vehicular networks. Engineering Applications of Artificial Intelligence, 2014, 36, 303-319.	4.3	55
96	Blind source mobile device identification based on recorded call. Engineering Applications of Artificial Intelligence, 2014, 36, 320-331.	4.3	11
97	Mobile botnet detection: Proof of concept. , 2014, , .		14
98	Co-FAIS: Cooperative fuzzy artificial immune system for detecting intrusion in wireless sensor networks. Journal of Network and Computer Applications, 2014, 42, 102-117.	5.8	88
99	Support vector regression methodology for wind turbine reaction torque prediction with power-split hydrostatic continuous variable transmission. Energy, 2014, 67, 623-630.	4.5	113
100	An appraisal of wind speed distribution prediction by soft computing methodologies: A comparative study. Energy Conversion and Management, 2014, 84, 133-139.	4.4	60
101	Adaptive neuro-fuzzy optimization of wind farm project net profit. Energy Conversion and Management, 2014, 80, 229-237.	4.4	30
102	Sensorless estimation of wind speed by adaptive neuro-fuzzy methodology. International Journal of Electrical Power and Energy Systems, 2014, 62, 490-495.	3.3	34
103	Potential of radial basis function-based support vector regression for apple disease detection. Measurement: Journal of the International Measurement Confederation, 2014, 55, 512-519.	2.5	100
104	A cooperative expert based support vector regression (Co-ESVR) system to determine collar dimensions around bridge pier. Neurocomputing, 2014, 140, 172-184.	3.5	25
105	Ant colony optimisation for vehicle traffic systems: applications and challenges. International Journal of Bio-Inspired Computation, 2014, 6, 32.	0.6	44
106	An appraisal and design of a multi-agent system based cooperative wireless intrusion detection computational intelligence technique. Engineering Applications of Artificial Intelligence, 2013, 26, 2105-2127.	4.3	109
107	Educating users to generate secure graphical password secrets: An initial study. , 2013, , .		2
108	Development of a new type of passively adaptive compliant gripper. Industrial Robot, 2013, 40, 610-623.	1.2	58

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109	Anomaly Detection Using Cooperative Fuzzy Logic Controller. Communications in Computer and Information Science, 2013, , 220-231.	0.4	12
110	Incident prioritisation using analytic hierarchy process (AHP): Risk Index Model (RIM). Security and Communication Networks, 2013, 6, 1087-1116.	1.0	19
111	MoBots: A new generation of botnets on mobile devices and networks. , 2012, , .		34
112	Bots and botnets: An overview of characteristics, detection and challenges. , 2012, , .		46
113	A Response Strategy Model for Intrusion Response Systems. International Federation for Information Processing, 2012, , 573-578.	0.4	4
114	An investigation and survey of response options for Intrusion Response Systems (IRSs). , 2010, , .		19
115	A Single Journal Study: Malaysian Journal of Computer Science. Malaysian Journal of Computer Science, 2009, 22, 1-18.	0.5	19
116	Identifying False Alarm for Network Intrusion Detection System Using Hybrid Data Mining and Decision Tree. Malaysian Journal of Computer Science, 2008, 21, 101-115.	0.5	54
117	Building Online Historical Resources Collaboratively: Making the Most of a Digital Library to Reinforce ICT Skills in Malaysia. Information Development, 2004, 20, 200-210.	1.4	2
118	Inculcating ICT Skills through a Collaborative Digital Library Initiative for Educational Use. Lecture Notes in Computer Science, 2003, , 489-492.	1.0	1