Ammar ALmomani

List of Publications by Year
in descending order

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48 papers	1,342 citations	430754 18 h-index	360920 35 g-index
48 all docs	48 docs citations	48 times ranked	1194 citing authors

#	Article	IF	Citations
1	IoT transaction processing through cooperative concurrency control on fogâ€“cloud computing environment. Soft Computing, 2020, 24, 5695-5711.	2.1	203
2	A Survey of Phishing Email Filtering Techniques. IEEE Communications Surveys and Tutorials, 2013, 15, 2070-2090.	24.8	170
3	Secure and imperceptible digital image steganographic algorithm based on diamond encoding in DWT domain. Multimedia Tools and Applications, 2017, 76, 18451-18472.	2.6	112
4	A survey of botnet detection based on DNS. Neural Computing and Applications, 2017, 28, 1541-1558.	3.2	83
5	The monarch butterfly optimization algorithm for solving feature selection problems. Neural Computing and Applications, 2022, 34, 11267-11281.	3.2	76
6	Phishing Website Detection With Semantic Features Based on Machine Learning Classifiers. International Journal on Semantic Web and Information Systems, 2022, 18, 1-24.	2.2	66
7	Economic load dispatch problems with valve-point loading using natural updated harmony search. Neural Computing and Applications, 2018, 29, 767-781.	3.2	64
8	DNS rule-based schema to botnet detection. Enterprise Information Systems, 2021, 15, 545-564.	3.3	49
9	Phishing Dynamic Evolving Neural Fuzzy Framework for Online Detection â€œZero-dayâ€•Phishing Email. Indian Journal of Science and Technology, 2013, 6, 1-5.	0.5	42
10	Steganography in digital images: Common approaches and tools. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	39
11	Information Management and IoT Technology for Safety and Security of Smart Home and Farm Systems. Journal of Global Information Management, 2021, 29, 1-23.	1.4	31
12	Evolving Fuzzy Neural Network for Phishing Emails Detection. Journal of Computer Science, 2012, 8, 1099-1107.	0.5	29
13	Enhancing the Security of Exchanging and Storing DICOM Medical Images on the Cloud. International Journal of Cloud Applications and Computing, 2018, 8, 154-172.	1.1	29
14	Fast-flux hunter: a system for filtering online fast-flux botnet. Neural Computing and Applications, 2018, 29, 483-493.	3.2	27
15	Evaluation and Comparative Analysis of Semantic Web-Based Strategies for Enhancing Educational System Development. International Journal on Semantic Web and Information Systems, 2022, 18, 1-14.	2.2	27
16	A Variable Service Broker Routing Policy for data center selection in cloud analyst. Journal of King Saud University - Computer and Information Sciences, 2017, 29, 365-377.	2.7	24
17	Feature Selection Using a Machine Learning to Classify a Malware. , 2020, , 889-904.		23
18	Improved water cycle algorithm with probabilistic neural network to solve classification problems. Cluster Computing, 2020, 23, 2703-2718.	3.5	21

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19	An Online Model on Evolving Phishing E-mail Detection and Classification Method. Journal of Applied Sciences, 2011, 11, 3301-3307.	0.1	20
20	$$eta$$-Hill climbing algorithm with probabilistic neural network for classification problems. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3405-3416.	3.3	19
21	An Online Intrusion Detection System to Cloud Computing Based on Neucube Algorithms. International Journal of Cloud Applications and Computing, 2018, 8, 96-112.	1.1	16
22	A comparative study on spiking neural network encoding schema: implemented with cloud computing. Cluster Computing, 2019, 22, 419-433.	3.5	15
23	Mobile game approach to prevent childhood obesity using persuasive technology. , 2014, , .		14
24	Application of Adaptive Neuro-Fuzzy Inference System for Information Secuirty. Journal of Computer Science, 2012, 8, 983-986.	0.5	12
25	Machine Learning for Phishing Detection and Mitigation. , 2019, , 48-74.		12
26	Detection Mechanisms of DDoS Attack in Cloud Computing Environment: A Survey. Communications in Computer and Information Science, 2020, , 138-152.	0.4	12
27	Firefly photinus search algorithm. Journal of King Saud University - Computer and Information Sciences, 2020, 32, 599-607.	2.7	11
28	A Survey of Fast Flux Botnet Detection With Fast Flux Cloud Computing. International Journal of Cloud Applications and Computing, 2020, 10, 17-53.	1.1	11
29	User acceptance model of open source software: an integrated model of OSS characteristics and UTAUT. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3315-3327.	3.3	10
30	Spam E-mail Filtering using ECOS Algorithms. Indian Journal of Science and Technology, 2015, 8, 260.	0.5	8
31	An Online Intrusion Detection System to Cloud Computing Based on Neucube Algorithms. , 2020, , 1042-1059.		8
32	Real time network anomaly detection using relative entropy. , 2011, , .		7
33	Fast flux botnet detection framework using adaptive dynamic evolving spiking neural network algorithm. , 2018, , .		7
34	Fully automatic grayscale image segmentation based fuzzy C-means with firefly mate algorithm. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4519-4541.	3.3	7
35	An Automated Approach to Generate Test Cases From Use Case Description Model. CMES - Computer Modeling in Engineering and Sciences, 2019, 119, 409-425.	0.8	7
36	A survey of Learning Based Techniques of Phishing Email Filtering. International Journal of Digital Content Technology and Its Applications, 2012, 6, 119-129.	0.1	7

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37	Spatial information of fuzzy clustering based mean best artificial bee colony algorithm for phantom brain image segmentation. International Journal of Electrical and Computer Engineering, 2021, 11, 4050.	0.5	4
38	A dual stack IPv4/IPv6 testbed for malware detection in IPv6 networks. , 2011, , .		3
39	Botnets Detecting Attack Based on DNS Features. , 2018, , .		3
40	Botnet and Internet of Things (IoTs). Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 304-316.	0.4	3
41	Behaviour Based Worm Detection and Signature Automation. Journal of Computer Science, 2011, 7, 1724-1728.	0.5	2
42	RESEARCH PROPOSAL: AN INTRUSION DETECTION SYSTEM ALERT REDUCTION AND ASSESSMENT FRAMEWORK BASED ON DATA MINING. Journal of Computer Science, 2013, 9, 421-426.	0.5	2
43	Encryption and Decryption Cloud Computing Data Based on XOR and Genetic Algorithm. International Journal of Cloud Applications and Computing, 2022, 12, 1-10.	1.1	2
44	A Rule-based Approach to Detect Botnets based on DNS. , 2018, , .		1
45	Proposed Method for Automatic Segmentation of Medical Images. , 2018, , .		1
46	Botnet and Internet of Things (IoTs). , 2021, , 138-150.		1
47	Botnet detection used fast-flux technique, based on adaptive dynamic evolving spiking neural network algorithm. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 36, 50.	0.3	1
48	Network-Based Detection of Mirai Botnet Using Machine Learning and Feature Selection Methods. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 308-318.	0.4	1