

Hammad Afzal

List of Publications by Year in Descending Order

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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.

61
papers

517
citations

12
h-index

19
g-index

69
ext. papers

747
ext. citations

4
avg, IF

4.38
L-index

#	Paper	IF	Citations
61	Blockchain Based Solutions to Mitigate Distributed Denial of Service (DDoS) Attacks in the Internet of Things (IoT): A Survey.. <i>Sensors</i> , 2022 , 22,	3.8	5
60	Carving of the OOXML document from volatile memory using unsupervised learning techniques. <i>Journal of Information Security and Applications</i> , 2022 , 65, 103096	3.5	0
59	Enriching Conventional Ensemble Learner with Deep Contextual Semantics to Detect Fake News in Urdu. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2022 , 21, 1-19	1.1	
58	A deep learning assisted personalized deception system for countering web application attacks. <i>Journal of Information Security and Applications</i> , 2022 , 67, 103169	3.5	
57	An enhanced deep learning based framework for web attacks detection, mitigation and attacker profiling. <i>Journal of Network and Computer Applications</i> , 2021 , 198, 103270	7.9	4
56	NT-FDS-A Noise Tolerant Fall Detection System Using Deep Learning on Wearable Devices. <i>Sensors</i> , 2021 , 21,	3.8	11
55	AdS: An adaptive spectrum sensing technique for survivability under jamming attack in Cognitive Radio Networks. <i>Computer Communications</i> , 2021 , 172, 25-34	5.1	1
54	Application Threats to Exploit Northbound Interface Vulnerabilities in Software Defined Networks. <i>ACM Computing Surveys</i> , 2021 , 54, 1-36	13.4	1
53	Protocols for Transferring Bulk Data Over Internet: Current Solutions and Future Challenges. <i>IEEE Access</i> , 2021 , 9, 95228-95249	3.5	
52	Pharmacovigilance with Transformers: A Framework to Detect Adverse Drug Reactions Using BERT Fine-Tuned with FARM. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 5589829	2.8	0
51	Routing Protocols for Mobile Internet of Things (IoT): A Survey on Challenges and Solutions. <i>Electronics (Switzerland)</i> , 2021 , 10, 2320	2.6	3
50	DST-HRS: A topic driven hybrid recommender system based on deep semantics. <i>Computer Communications</i> , 2020 , 156, 183-191	5.1	9
49	. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 1337-1371	37.1	11
48	. <i>IEEE Systems Journal</i> , 2020 , 14, 4489-4499	4.3	
47	No-reference image quality assessment using bag-of-features with feature selection. <i>Multimedia Tools and Applications</i> , 2020 , 79, 7811-7836	2.5	8
46	Exploring nested ensemble learners using overproduction and choose approach for churn prediction in telecom industry. <i>Neural Computing and Applications</i> , 2020 , 32, 3237-3251	4.8	8
45	Enriching Non-negative Matrix Factorization with Contextual Embeddings for Recommender Systems. <i>Neurocomputing</i> , 2020 , 380, 246-258	5.4	14

44	AdDroid: Rule-Based Machine Learning Framework for Android Malware Analysis. <i>Mobile Networks and Applications</i> , 2020 , 25, 180-192	2.9	17
43	Auto-MeDiSine: an auto-tunable medical decision support engine using an automated class outlier detection method and AutoMLP. <i>Neural Computing and Applications</i> , 2020 , 32, 2621-2633	4.8	4
42	ARCA-IoT: An Attack-Resilient Cloud-Assisted IoT System. <i>IEEE Access</i> , 2019 , 7, 19616-19630	3.5	6
41	Fog computing in internet of things: Practical applications and future directions. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 1236-1262	3.1	13
40	Forensic Analysis of Tor Browser: A Case Study for Privacy and Anonymity on the Web. <i>Forensic Science International</i> , 2019 , 299, 59-73	2.6	11
39	Semantically Enhanced Concept Search of the Holy Quran: Qurānic English WordNet. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 3953-3966	2.5	3
38	A hybrid-adaptive neuro-fuzzy inference system for multi-objective regression test suites optimization. <i>Neural Computing and Applications</i> , 2019 , 31, 7287-7301	4.8	9
37	Defence against PUE attacks in ad hoc cognitive radio networks: a mean field game approach. <i>Telecommunication Systems</i> , 2019 , 70, 123-140	2.3	6
36	Using Trust in Collaborative Filtering for Recommendations 2019 ,		1
35	CATSWoTS: Context Aware Trustworthy Social Web of Things System. <i>Sensors</i> , 2019 , 19,	3.8	7
34	Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint. <i>Journal of Medical Systems</i> , 2019 , 43, 271	5.1	5
33	A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques. <i>IEEE Access</i> , 2019 , 7, 2643-2652	3.5	28
32	AndroKit: A toolkit for forensics analysis of web browsers on android platform. <i>Future Generation Computer Systems</i> , 2019 , 94, 781-794	7.5	2
31	Forensic investigation to detect forgeries in ASF files of contemporary IP cameras. <i>Journal of Supercomputing</i> , 2018 , 74, 5060-5081	2.5	
30	Impact of Feature Selection Algorithms on Blind Image Quality Assessment. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 4057-4070	2.5	6
29	New feature selection algorithms for no-reference image quality assessment. <i>Applied Intelligence</i> , 2018 , 48, 3482-3501	4.9	13
28	Dynamic Mode Decomposition Based Epileptic Seizure Detection from Scalp EEG. <i>IEEE Access</i> , 2018 , 6, 38683-38692	3.5	42
27	Improved Dark Channel Prior for Image Defogging Using RGB and YCbCr Color Space. <i>IEEE Access</i> , 2018 , 6, 32576-32587	3.5	30

26	HRS-CE: A hybrid framework to integrate content embeddings in recommender systems for cold start items. <i>Journal of Computational Science</i> , 2018 , 29, 9-18	3.4	27
25	A Multi-Classifer Framework for Open Source Malware Forensics 2018 ,		1
24	Efficient feature selection for Blind Image Quality Assessment based on natural scene statistics 2017 ,		5
23	Improving handwriting based gender classification using ensemble classifiers. <i>Expert Systems With Applications</i> , 2017 , 85, 158-168	7.8	47
22	A Survey of Evolution in Predictive Models and Impacting Factors in Customer Churn. <i>Advances in Data Science and Adaptive Analysis</i> , 2017 , 09, 1750007	0.1	7
21	MCS: Multiple classifier system to predict the churners in the telecom industry 2017 ,		3
20	Extension of Semantic Based Urdu Linguistic Resources Using Natural Language Processing 2017 ,		3
19	An expert system for diabetes prediction using auto tuned multi-layer perceptron 2017 ,		34
18	A computationally low cost vision based tracking algorithm for human following robot 2016 ,		2
17	Spam filtering of bi-lingual tweets using machine learning 2016 ,		2
16	Reputation Management System for Fostering Trust in Collaborative and Cohesive Disaster Management. <i>International Journal of Advanced Computer Science and Applications</i> , 2016 , 7,	1.7	2
15	Evaluation of Navigational Aspects of Moodle. <i>International Journal of Advanced Computer Science and Applications</i> , 2016 , 7,	1.7	5
14	Pashto Sentiment Analysis Using Lexical Features 2016 ,		1
13	Using Crowd-Source Based Features from Social Media and Conventional Features to Predict the Movies Popularity 2015 ,		8
12	IM session identification by outlier detection in cross-correlation functions 2015 ,		2
11	Contributions to the study of bi-lingual Roman Urdu SMS spam filtering 2015 ,		4
10	An Approach for Secure Semantic Data Integration at Data as a Service (DaaS) Layer. <i>International Journal of Information and Education Technology</i> , 2015 , 5, 124-130	0.5	7
9	2014 ,		1

8	Breaching IM session privacy using causality 2014 ,		2
7	Towards Creation of Linguistic Resources for Bilingual Sentiment Analysis of Twitter Data. <i>Lecture Notes in Computer Science</i> , 2014 , 232-236	0.9	9
6	Creation of Bi-lingual Social Network Dataset Using Classifiers. <i>Lecture Notes in Computer Science</i> , 2014 , 523-533	0.9	5
5	The 3rd DBCLS BioHackathon: improving life science data integration with Semantic Web technologies. <i>Journal of Biomedical Semantics</i> , 2013 , 4, 6	2.2	22
4	A hybrid routing protocol for wireless sensor networks with mobile sinks 2012 ,		27
3	Vocabulary of Quranic Concepts: A semi-automatically created terminology of Holy Quran 2012 ,		3
2	Mining semantic networks of bioinformatics e-resources from the literature. <i>Journal of Biomedical Semantics</i> , 2011 , 2 Suppl 1, S4	2.2	4
1	Mining Semantic Descriptions of Bioinformatics Web Resources from the Literature. <i>Lecture Notes in Computer Science</i> , 2009 , 535-549	0.9	4