

# Shamsul Huda

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,515  
citations

304743

22  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1653  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Advanced Boundary Protection Control for the Smart Water Network Using Semisupervised and Deep Learning Approaches. IEEE Internet of Things Journal, 2022, 9, 7298-7310.	8.7	8
2	Prostate cancer classification from ultrasound and MRI images using deep learning based Explainable Artificial Intelligence. Future Generation Computer Systems, 2022, 127, 462-472.	7.5	49
3	Early detection of cardiovascular autonomic neuropathy: A multi-class classification model based on feature selection and deep learning feature fusion. Information Fusion, 2022, 77, 70-80.	19.1	35
4	An Edge Tier Task Offloading to Identify Sources of Variance Shifts in Smart Grid Using a Hybrid of Wrapper and Filter Approaches. IEEE Transactions on Green Communications and Networking, 2022, 6, 329-340.	5.5	3
5	A Weighted Minimum Redundancy Maximum Relevance Technique for Ransomware Early Detection in Industrial IoT. Sustainability, 2022, 14, 1231.	3.2	20
6	Improving malicious PDF classifier with feature engineering: A data-driven approach. Future Generation Computer Systems, 2021, 115, 314-326.	7.5	14
7	A Robust Deep-Learning-Enabled Trust-Boundary Protection for Adversarial Industrial IoT Environment. IEEE Internet of Things Journal, 2021, 8, 9611-9621.	8.7	34
8	A predictive intelligence approach to classify brain-computer interface based eye state for smart living. Applied Soft Computing Journal, 2021, 108, 107453.	7.2	9
9	Lightweight Authenticated Encryption for Cloud-assisted IoT Applications. Lecture Notes in Electrical Engineering, 2021, , 295-299.	0.4	0
10	A robust cyberattack detection approach using optimal features of SCADA power systems in smart grids. Applied Soft Computing Journal, 2020, 96, 106658.	7.2	40
11	A system call refinement-based enhanced Minimum Redundancy Maximum Relevance method for ransomware early detection. Journal of Network and Computer Applications, 2020, 167, 102753.	9.1	58
12	Increasing the Trustworthiness in the Industrial IoT Networks Through a Reliable Cyberattack Detection Model. IEEE Transactions on Industrial Informatics, 2020, 16, 6154-6162.	11.3	89
13	Avoiding Future Digital Extortion Through Robust Protection Against Ransomware Threats Using Deep Learning Based Adaptive Approaches. IEEE Access, 2020, 8, 24522-24534.	4.2	32
14	An adaptive framework against android privilege escalation threats using deep learning and semi-supervised approaches. Applied Soft Computing Journal, 2020, 89, 106089.	7.2	25
15	Automatic extraction and integration of behavioural indicators of malware for protection of cyber-physical networks. Future Generation Computer Systems, 2019, 101, 1247-1258.	7.5	18
16	Human emotion recognition using deep belief network architecture. Information Fusion, 2019, 51, 10-18.	19.1	212
17	Human Activity Recognition from Body Sensor Data using Deep Learning. Journal of Medical Systems, 2018, 42, 99.	3.6	77
18	A hybrid-multi filter-wrapper framework to identify run-time behaviour for fast malware detection. Future Generation Computer Systems, 2018, 83, 193-207.	7.5	36

#	ARTICLE	IF	CITATIONS
19	A Framework for Software Defect Prediction and Metric Selection. IEEE Access, 2018, 6, 2844-2858.	4.2	56
20	An Ensemble Oversampling Model for Class Imbalance Problem in Software Defect Prediction. IEEE Access, 2018, 6, 24184-24195.	4.2	83
21	Multistage fusion approaches based on a generative model and multivariate exponentially weighted moving average for diagnosis of cardiovascular autonomic nerve dysfunction. Information Fusion, 2018, 41, 105-118.	19.1	28
22	Securing the operations in SCADA-IoT platform based industrial control system using ensemble of deep belief networks. Applied Soft Computing Journal, 2018, 71, 66-77.	7.2	74
23	Identifying cyber threats to mobile-IoT applications in edge computing paradigm. Future Generation Computer Systems, 2018, 89, 525-538.	7.5	38
24	A malicious threat detection model for cloud assisted internet of things (CoT) based industrial control system (ICS) networks using deep belief network. Journal of Parallel and Distributed Computing, 2018, 120, 23-31.	4.1	47
25	Fault Diagnostic of Variance Shifts in Clinical Monitoring Using an Artificial Neural Network Input Gain Measurement Approximation (ANNIGMA). Advances in Intelligent Systems and Computing, 2018, , 295-300.	0.6	1
26	Exponentially weighted control charts to monitor multivariate process variability for high dimensions. International Journal of Production Research, 2017, 55, 4948-4962.	7.5	16
27	A parallel framework for software defect detection and metric selection on cloud computing. Cluster Computing, 2017, 20, 2267-2281.	5.0	20
28	Defending unknown attacks on cyber-physical systems by semi-supervised approach and available unlabeled data. Information Sciences, 2017, 379, 211-228.	6.9	77
29	A Hybrid Feature Selection With Ensemble Classification for Imbalanced Healthcare Data: A Case Study for Brain Tumor Diagnosis. IEEE Access, 2016, 4, 9145-9154.	4.2	114
30	Hybrids of support vector machine wrapper and filter based framework for malware detection. Future Generation Computer Systems, 2016, 55, 376-390.	7.5	94
31	A hybrid wrapper-filter approach to detect the source(s) of out-of-control signals in multivariate manufacturing process. European Journal of Operational Research, 2014, 237, 857-870.	5.7	25
32	An approach for Ewing test selection to support the clinical assessment of cardiac autonomic neuropathy. Artificial Intelligence in Medicine, 2013, 58, 185-193.	6.5	56
33	A stochastic version of Expectation Maximization algorithm for better estimation of Hidden Markov Model. Pattern Recognition Letters, 2009, 30, 1301-1309.	4.2	13
34	A Constraint-Based Evolutionary Learning Approach to the Expectation Maximization for Optimal Estimation of the Hidden Markov Model for Speech Signal Modeling. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 182-197.	5.0	14