Naveed Islam

List of Publications by Year
in descending order

41 papers	1,640 citations	430442 18 h-index	377514 34 g-index
42 all docs	42 docs citations	42 times ranked	1530 citing authors

#	Article	IF	Citations
1	A novel deep learning based framework for the detection and classification of breast cancer using transfer learning. Pattern Recognition Letters, 2019, 125, 1-6.	2.6	516
2	An Energy Efficient and Secure IoT-Based WSN Framework: An Application to Smart Agriculture. Sensors, 2020, 20, 2081.	2.1	156
3	Intrusion Prevention Framework for Secure Routing in WSN-Based Mobile Internet of Things. IEEE Access, 2019, 7, 185496-185505.	2.6	103
4	A blockchain-based fog computing framework for activity recognition as an application to e-Healthcare services. Future Generation Computer Systems, 2019, 100, 569-578.	4.9	100
5	Secret Sharing-Based Energy-Aware and Multi-Hop Routing Protocol for IoT Based WSNs. IEEE Access, 2019, 7, 79980-79988.	2.6	80
6	An Energy-Efficient and Secure Routing Protocol for Intrusion Avoidance in IoT-Based WSN. Energies, 2019, 12, 4174.	1.6	68
7	Privacy and Security Issues in Online Social Networks. Future Internet, 2018, 10, 114.	2.4	61
8	Cloud‐based decision support system for the detection and classification of malignant cells in breast cancer using breast cytology images. Microscopy Research and Technique, 2019, 82, 775-785.	1.2	53
9	LSDAR: A light-weight structure based data aggregation routing protocol with secure internet of things integrated next-generation sensor networks. Sustainable Cities and Society, 2020, 54, 101995.	5.1	53
10	SASC: Secure and Authentication-Based Sensor Cloud Architecture for Intelligent Internet of Things. Sensors, 2020, 20, 2468.	2.1	50
11	An e-Health care services framework for the detection and classification of breast cancer in breast cytology images as an IoMT application. Future Generation Computer Systems, 2019, 98, 286-296.	4.9	48
12	An ensemble classification of exudates in color fundus images using an evolutionary algorithm based optimal features selection. Microscopy Research and Technique, 2019, 82, 361-372.	1.2	42
13	RTS: A Robust and Trusted Scheme for IoT-Based Mobile Wireless Mesh Networks. IEEE Access, 2020, 8, 68379-68390.	2.6	31
14	WETRP: Weight Based Energy & Temperature Aware Routing Protocol for Wireless Body Sensor Networks. IEEE Access, 2019, 7, 87987-87995.	2.6	26
15	Application of homomorphism to secure image sharing. Optics Communications, 2011, 284, 4412-4429.	1.0	22
16	A framework for topological based map building: A solution to autonomous robot navigation in smart cities. Future Generation Computer Systems, 2020, 111, 644-653.	4.9	21
17	RCER: Reliable Cluster-based Energy-aware Routing protocol for heterogeneous Wireless Sensor Networks. PLoS ONE, 2019, 14, e0222009.	1.1	20
18	A Homomorphic Method for Sharing Secret Images. Lecture Notes in Computer Science, 2009, , 121-135.	1.0	19

#	Article	IF	Citations
19	LLTP-QoS: Low Latency Traffic Prioritization and QoS-Aware Routing in Wireless Body Sensor Networks. IEEE Access, 2019, 7, 152777-152787.	2.6	18
20	Movie Tags Prediction and Segmentation Using Deep Learning. IEEE Access, 2020, 8, 6071-6086.	2.6	16
21	A machine learning-based approach for the segmentation and classification of malignant cells in breast cytology images using gray level co-occurrence matrix (GLCM) and support vector machine (SVM). Neural Computing and Applications, 2022, 34, 8365-8372.	3.2	16
22	A Lightweight Secure and Energy-Efficient Fog-Based Routing Protocol for Constraint Sensors Network. Energies, 2021, 14, 89.	1.6	14
23	Denoising and error correction in noisy AES-encrypted images using statistical measures. Signal Processing: Image Communication, 2016, 41, 15-27.	1.8	11
24	Real-Time Pashto Handwritten Character Recognition Using Salient Geometric and Spectral Features. IEEE Access, 2021, 9, 160238-160248.	2.6	11
25	Secure and Sustainable Predictive Framework for IoT-Based Multimedia Services Using Machine Learning. Sustainability, 2021, 13, 13128.	1.6	11
26	Vehicle navigation in GPS denied environment for smart cities using vision sensors. Computers, Environment and Urban Systems, 2019, 77, 101281.	3.3	10
27	A comparative study of graphic symbol recognition methods. Multimedia Tools and Applications, 2020, 79, 8695-8725.	2.6	9
28	SGKMP: A scalable group key management protocol. Sustainable Cities and Society, 2018, 39, 37-42.	5.1	8
29	A Structure based Approach for Accurate Prediction of Protein Interactions Networks. , 2016, , .		7
30	Incremental clustering of sonar images using self-organizing maps combined with fuzzy adaptive resonance theory. Ocean Engineering, 2017, 142, 133-144.	1.9	6
31	A framework for secure and privacy protected collaborative contents sharing using public OSN. Cluster Computing, 2019, 22, 7275-7286.	3.5	6
32	An automated nuclei segmentation of leukocytes from microscopic digital images. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 2123-2138.	0.2	6
33	Optic disc segmentation and classification in color fundus images: a resource-aware healthcare service in smart cities. Journal of Ambient Intelligence and Humanized Computing, 2018, , 1.	3.3	5
34	Seamless Heterogeneous 3D Tessellation via DWT Domain Smoothing and Mosaicking. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	3
35	Analysis of homomorphic properties of RSA-based cryptosystem for image sharing. , 2010, , .		2
36	Decryption of noisy encrypted images by statistical analysis. , 2011, , .		2

#	Article	IF	Citations
37	Automated Counting of Cells in Breast Cytology Images Using Level Set Method. , 2018, , .		2
38	Motion detection and action recognition using elastic registration. , 2016, , .		1
39	Analysis of Filters in Performance Assessment of Principal Component Analysis (PCA) based Face Recognition System. , 2019, , .		1
40	Novel Robust Digital Watermarking in Mid-Rank Co-efficient Based on DWT and RT Transform. Advances in Intelligent Systems and Computing, 2019, , 295-302.	0.5	0
41	Identification of Yeastâ€™s Interactome Using Neural Networks. IEEE Access, 2019, 7, 179634-179645.	2.6	0