

Mohammad H Alshayeji

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

186
citations

1307366

7
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer-aided detection of breast cancer on the Wisconsin dataset: An artificial neural networks approach. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103141.	3.5	40
2	FPGA Modeling and Optimization of a SIMON Lightweight Block Cipher. <i>Sensors</i> , 2019, 19, 913.	2.1	29
3	Optic disc detection in retinal fundus images using gravitational law-based edge detection. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 935-948.	1.6	28
4	Distributed Whale Optimization Algorithm based on MapReduce. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4872.	1.4	18
5	Diacritics Effect on Arabic Speech Recognition. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 9043-9056.	1.7	16
6	Enhanced brain tumor classification using an optimized multi-layered convolutional neural network architecture. <i>Multimedia Tools and Applications</i> , 2021, 80, 28897-28917.	2.6	14
7	An efficient multiple sclerosis segmentation and detection system using neural networks. <i>Computers and Electrical Engineering</i> , 2018, 71, 191-205.	3.0	13
8	CAD systems for COVID-19 diagnosis and disease stage classification by segmentation of infected regions from CT images. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	8
9	Efficient hand vein recognition using local keypoint descriptors and directional gradients. <i>Multimedia Tools and Applications</i> , 2022, 81, 15687-15705.	2.6	5
10	Performance evaluation of the SM4 cipher based on field-programmable gate array implementation. <i>IET Circuits, Devices and Systems</i> , 2021, 15, 121-135.	0.9	4
11	Run-Time Monitoring and Validation Using Reverse Function (RMVRF) for Hardware Trojans Detection. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021, 18, 2689-2704.	3.7	3
12	Spark-based parallel processing whale optimization algorithm. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e6607.	1.4	3
13	A high-capacity and secure least significant bit embedding approach based on word and letter frequencies. <i>Security and Communication Networks</i> , 2016, 9, 5764-5788.	1.0	2
14	Network Intrusion Detection With Auto-Encoder and One-Class Support Vector Machine. <i>International Journal of Information Security and Privacy</i> , 2022, 16, 1-18.	0.6	2
15	Hardware Trojan detection for lightweight ciphers implemented on field-programmable gate arrays using the replay algorithm. <i>International Journal of Circuit Theory and Applications</i> , 2021, 49, 3607.	1.3	1