Jaafar M Alghazo

List of Publications by Year
in descending order

44 papers	618 citations	623734 14 h-index	713466 21 g-index
44 all docs	44 docs citations	44 times ranked	333 citing authors

#	Article	IF	Citations
1	ArASL: Arabic Alphabets Sign Language Dataset. Data in Brief, 2019, 23, 103777.	1.0	55
2	Autonomous Traffic Sign (ATSR) Detection and Recognition using Deep CNN. Procedia Computer Science, 2019, 163, 266-274.	2.0	49
3	Glioma Tumors' Classification Using Deep-Neural-Network-Based Features with SVM Classifier. Diagnostics, 2022, 12, 1018.	2.6	44
4	Multi-channel Convolutions Neural Network Based Diabetic Retinopathy Detection from Fundus Images. Procedia Computer Science, 2019, 163, 283-291.	2.0	35
5	SF-LRU cache replacement algorithm. , 2004, , .		33
6	A Case Study of Sustainable Construction Waste Management in Saudi Arabia. Waste and Biomass Valorization, 2018, 9, 2541-2555.	3.4	33
7	Enhanced MR Image Classification Using Hybrid Statistical and Wavelets Features. IEEE Access, 2019, 7, 9634-9644.	4.2	33
8	Deep Convolutional Neural Network for Recognition of Unified Multi-Language Handwritten Numerals. , 2018, , .		28
9	COVID-19 Pneumonia Detection Using Optimized Deep Learning Techniques. Diagnostics, 2021, 11, 1972.	2.6	25
10	E-waste environmental and information security threat: GCC countries vulnerabilities. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	23
11	I-CARES: advancing health diagnosis and medication through IoT. Wireless Networks, 2020, 26, 2375-2389.	3.0	21
12	Multi-Language Handwritten Digits Recognition based on Novel Structural Features. Journal of Imaging Science and Technology, 2019, 63, 020502-1-020502-10.	0.5	20
13	Cyber security analysis of internet banking in emerging countries: User and bank perspectives. , 2017, , .		19
14	Deep CNN based MR image denoising for tumor segmentation using watershed transform. International Journal of Engineering and Technology(UAE), 2018, 7, 37.	0.3	18
15	Potential of electronic waste recycling in Gulf Cooperation Council states: an environmental and economic analysis. Environmental Science and Pollution Research, 2019, 26, 35610-35619.	5.3	18
16	Ultrasound Image Despeckling and detection of Breast Cancer using Deep CNN. , 2020, , .		16
17	Deep learning based intelligence cognitive vision drone for automatic plant diseases identification and spraying. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8103-8114.	1.4	15
18	Improving Brain MR Image Classification for Tumor Segmentation using Phase Congruency. Current Medical Imaging, 2018, 14, 914-922.	0.8	14

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19	Automatic Fruits Calories Estimation through Convolutional Neural Networks. , 2020, , .		13
20	EEG-ECG Signals Classification for Arrhythmia Detection using Decision Trees. , 2020, , .		11
21	Brain MR Image Classification for Glioma Tumor detection using Deep Convolutional Neural Network Features. Current Medical Imaging, 2021, 17, 56-63.	0.8	11
22	Multiclass Brain Tumor Classification using Region Growing based Tumor Segmentation and Ensemble Wavelet Features. , 2018, , .		9
23	Maritime Ship Detection using Convolutional Neural Networks from Satellite Images. , 2021, , .		9
24	Communicating with the Deaf and Hard of Hearing through Automatic Arabic Sign Language Translator. Journal of Physics: Conference Series, 2021, 1962, 012055.	0.4	9
25	Recent Advancements in Fuzzy C-means Based Techniques for Brain MRI Segmentation. Current Medical Imaging, 2021, 17, 917-930.	0.8	9
26	Lung Opacity Pneumonia Detection with Improved Residual Networks. Journal of Medical and Biological Engineering, 2021, 41, 581.	1.8	8
27	Affordable and Portable Realtime Saudi License Plate Recognition using SoC. , 2019, , .		7
28	Scheduling and resources allocation in network traffic using multiobjective, multiuser joint traffic engineering. Wireless Networks, 2020, 26, 5951-5963.	3.0	6
29	Intelligent Security and Privacy of Electronic Health Records Using Biometric Images. Current Medical Imaging, 2019, 15, 386-394.	0.8	6
30	Segmentation of Melanoma Skin Lesions Using Anisotropic Diffusion and Adaptive Thresholding. , 2018, , .		5
31	Recent Advances in Classification of Brain Tumor from MR Images â€" State of the Art Review from 2017 to 2021. Current Medical Imaging, 2022, 18, 903-918.	0.8	5
32	Availability Equivalence Analysis for the Simulation of Repairable Bridge Network System. Complexity, 2020, 2020, 1-8.	1.6	3
33	POID: a passive all-optical inter-rack interconnect for data-centers. Wireless Networks, 2021, 27, 781-793.	3.0	2
34	IoT Cloud Based Rx Healthcare Expert System. Signals and Communication Technology, 2021, , 251-265.	0.5	2
35	Modeling and synthesis of human growth hormone secretion mechanism using CAD tools. , 0, , .		1
36	Synthesis of the growth hormone secretion mechanism using nonlinear analysis and CAD tools. , 2005, , .		1

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37	Enhancing Computer Accessibility for Disabled Users: A Kinect-Based Approach for Users with Motor Skills Disorder. , 2013, , .		1
38	Feature Reduction Method for Speaker Identification Systems Using Particle Swarm Optimization. International Journal of Engineering and Technology, 2017, 9, 1714-1723.	0.1	1
39	Tag skipping technique using WTS buffer for optimal low power cache design. , 2004, , .		0
40	Modelling, Synthesis and Realization of Hgh Mechanism Using Vhdl and Fpgas. International Journal of Modelling and Simulation, 2005, 25, 285-290.	3.3	0
41	Organic embedded architecture for sustainable FPGA soft-core processors. , 2015, , .		0
42	Optimized FPGA Implementation of the Thyroid Hormone Secretion Mechanism Using CAD Tools. Journal of Medical Systems, 2017, 41, 35.	3.6	0
43	Modelling, Synthesis and Realization of HGH Mechanism Using VHDL and FPGAS. International Journal of Modelling and Simulation, 2005, 25, .	3.3	0
44	HUMAN BIO FUNCTIONS AS FPGAs CHIP DESIGN - AN INSULIN PERSPECTIVE. , 2013, , 288-300.		0