

Jaafar M Alghazo

List of Publications by Year in descending order

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44
papers

618
citations

623734

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21
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44
all docs

44
docs citations

44
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Classification of Brain Tumor from MR Images “ State of the Art Review from 2017 to 2021. Current Medical Imaging, 2022, 18, 903-918.	0.8	5
2	Glioma Tumors™ Classification Using Deep-Neural-Network-Based Features with SVM Classifier. Diagnostics, 2022, 12, 1018.	2.6	44
3	POID: a passive all-optical inter-rack interconnect for data-centers. Wireless Networks, 2021, 27, 781-793.	3.0	2
4	Brain MR Image Classification for Glioma Tumor detection using Deep Convolutional Neural Network Features. Current Medical Imaging, 2021, 17, 56-63.	0.8	11
5	Maritime Ship Detection using Convolutional Neural Networks from Satellite Images. , 2021, , .		9
6	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
7	Recent Advancements in Fuzzy C-means Based Techniques for Brain MRI Segmentation. Current Medical Imaging, 2021, 17, 917-930.	0.8	9
8	Lung Opacity Pneumonia Detection with Improved Residual Networks. Journal of Medical and Biological Engineering, 2021, 41, 581.	1.8	8
9	COVID-19 Pneumonia Detection Using Optimized Deep Learning Techniques. Diagnostics, 2021, 11, 1972.	2.6	25
10	IoT Cloud Based Rx Healthcare Expert System. Signals and Communication Technology, 2021, , 251-265.	0.5	2
11	I-CARES: advancing health diagnosis and medication through IoT. Wireless Networks, 2020, 26, 2375-2389.	3.0	21
12	Ultrasound Image Despeckling and detection of Breast Cancer using Deep CNN. , 2020, , .		16
13	EEG-ECG Signals Classification for Arrhythmia Detection using Decision Trees. , 2020, , .		11
14	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
15	Availability Equivalence Analysis for the Simulation of Repairable Bridge Network System. Complexity, 2020, 2020, 1-8.	1.6	3
16	Scheduling and resources allocation in network traffic using multiobjective, multiuser joint traffic engineering. Wireless Networks, 2020, 26, 5951-5963.	3.0	6
17	Automatic Fruits Calories Estimation through Convolutional Neural Networks. , 2020, , .		13
18	ArASL: Arabic Alphabets Sign Language Dataset. Data in Brief, 2019, 23, 103777.	1.0	55

#	ARTICLE	IF	CITATIONS
19	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
20	Autonomous Traffic Sign (ATSR) Detection and Recognition using Deep CNN. Procedia Computer Science, 2019, 163, 266-274.	2.0	49
21	Multi-channel Convolutions Neural Network Based Diabetic Retinopathy Detection from Fundus Images. Procedia Computer Science, 2019, 163, 283-291.	2.0	35
22	Affordable and Portable Realtime Saudi License Plate Recognition using SoC. , 2019, , .		7
23	Enhanced MR Image Classification Using Hybrid Statistical and Wavelets Features. IEEE Access, 2019, 7, 9634-9644.	4.2	33
24	Intelligent Security and Privacy of Electronic Health Records Using Biometric Images. Current Medical Imaging, 2019, 15, 386-394.	0.8	6
25	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
26	E-waste environmental and information security threat: GCC countries vulnerabilities. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	23
27	A Case Study of Sustainable Construction Waste Management in Saudi Arabia. Waste and Biomass Valorization, 2018, 9, 2541-2555.	3.4	33
28	Multiclass Brain Tumor Classification using Region Growing based Tumor Segmentation and Ensemble Wavelet Features. , 2018, , .		9
29	Deep Convolutional Neural Network for Recognition of Unified Multi-Language Handwritten Numerals. , 2018, , .		28
30	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
31	Segmentation of Melanoma Skin Lesions Using Anisotropic Diffusion and Adaptive Thresholding. , 2018, , .		5
32	Improving Brain MR Image Classification for Tumor Segmentation using Phase Congruency. Current Medical Imaging, 2018, 14, 914-922.	0.8	14
33	Optimized FPGA Implementation of the Thyroid Hormone Secretion Mechanism Using CAD Tools. Journal of Medical Systems, 2017, 41, 35.	3.6	0
34	Cyber security analysis of internet banking in emerging countries: User and bank perspectives. , 2017, , .		19
35	Feature Reduction Method for Speaker Identification Systems Using Particle Swarm Optimization. International Journal of Engineering and Technology, 2017, 9, 1714-1723.	0.1	1
36	Organic embedded architecture for sustainable FPGA soft-core processors. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	Enhancing Computer Accessibility for Disabled Users: A Kinect-Based Approach for Users with Motor Skills Disorder. , 2013, , .		1
38	HUMAN BIO FUNCTIONS AS FPGAs CHIP DESIGN - AN INSULIN PERSPECTIVE. , 2013, , 288-300.		0
39	Modelling, Synthesis and Realization of Hgh Mechanism Using Vhdl and Fpgas. International Journal of Modelling and Simulation, 2005, 25, 285-290.	3.3	0
40	Synthesis of the growth hormone secretion mechanism using nonlinear analysis and CAD tools. , 2005, , .		1
41	Modelling, Synthesis and Realization of HGH Mechanism Using VHDL and FPGAS. International Journal of Modelling and Simulation, 2005, 25, .	3.3	0
42	SF-LRU cache replacement algorithm. , 2004, , .		33
43	Tag skipping technique using WTS buffer for optimal low power cache design. , 2004, , .		0
44	Modeling and synthesis of human growth hormone secretion mechanism using CAD tools. , 0, , .		1