

Laith Alzubaidi

List of Publications by Year in descending order

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34
papers

3,135
citations

623188

14
h-index

552369

26
g-index

37
all docs

37
docs citations

37
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust application of new deep learning tools: an experimental study in medical imaging. Multimedia Tools and Applications, 2022, 81, 13289-13317.	2.6	24
2	Automated masks generation for coffee and apple leaf infected with single or multiple diseases-based color analysis approaches. Informatics in Medicine Unlocked, 2022, 28, 100837.	1.9	8
3	Face Recognition Based on Deep Learning and FPGA for Ethnicity Identification. Applied Sciences (Switzerland), 2022, 12, 2605.	1.3	15
4	Diagnosing Coronavirus (COVID-19) Using Various Deep Learning Models: A Comparative Study. Advances in Intelligent Systems and Computing, 2021, , 1188-1197.	0.5	0
5	Amended Convolutional Neural Network with Global Average Pooling for Image Classification. Advances in Intelligent Systems and Computing, 2021, , 171-180.	0.5	7
6	Employment of Pre-trained Deep Learning Models for Date Classification: A Comparative Study. Advances in Intelligent Systems and Computing, 2021, , 181-189.	0.5	1
7	Robust Spectrum Sensing Detector Based on MIMO Cognitive Radios with Non-Perfect Channel Gain. Electronics (Switzerland), 2021, 10, 529.	1.8	4
8	Review of deep learning: concepts, CNN architectures, challenges, applications, future directions. Journal of Big Data, 2021, 8, 53.	6.9	2,200
9	Novel Transfer Learning Approach for Medical Imaging with Limited Labeled Data. Cancers, 2021, 13, 1590.	1.7	127
10	Deepening into the suitability of using pre-trained models of ImageNet against a lightweight convolutional neural network in medical imaging: an experimental study. PeerJ Computer Science, 2021, 7, e715.	2.7	23
11	Deep Reinforcement Learning Methods for Energy-Efficient Underwater Wireless Networking. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 212-223.	0.3	0
12	Solving Lorenz ODE System Based Hardware Booster. Advances in Intelligent Systems and Computing, 2021, , 245-254.	0.5	0
13	IoT and Cloud Computing in Health-Care: A New Wearable Device and Cloud-Based Deep Learning Algorithm for Monitoring of Diabetes. Electronics (Switzerland), 2021, 10, 2719.	1.8	33
14	Energy Efficiency for Green Internet of Things (IoT) Networks: A Survey. Network, 2021, 1, 279-314.	1.5	18
15	Digital Color Documents Authentication Using QR Code Based on Digital Watermarking. Advances in Intelligent Systems and Computing, 2020, , 1093-1101.	0.5	6
16	Boosting Convolutional Neural Networks Performance Based on FPGA Accelerator. Advances in Intelligent Systems and Computing, 2020, , 509-517.	0.5	18
17	Classification of Red Blood Cells in Sickle Cell Anemia Using Deep Convolutional Neural Network. Advances in Intelligent Systems and Computing, 2020, , 550-559.	0.5	28
18	DFU_QUTNet: diabetic foot ulcer classification using novel deep convolutional neural network. Multimedia Tools and Applications, 2020, 79, 15655-15677.	2.6	102

#	ARTICLE	IF	CITATIONS
19	Real-Time PCG Diagnosis Using FPGA. Advances in Intelligent Systems and Computing, 2020, , 518-529.	0.5	13
20	Review of the State of the Art of Deep Learning for Plant Diseases: A Broad Analysis and Discussion. Plants, 2020, 9, 1302.	1.6	97
21	Optimizing the Performance of Breast Cancer Classification by Employing the Same Domain Transfer Learning from Hybrid Deep Convolutional Neural Network Model. Electronics (Switzerland), 2020, 9, 445.	1.8	96
22	Towards a Better Understanding of Transfer Learning for Medical Imaging: A Case Study. Applied Sciences (Switzerland), 2020, 10, 4523.	1.3	133
23	Deep Learning Models for Classification of Red Blood Cells in Microscopy Images to Aid in Sickle Cell Anemia Diagnosis. Electronics (Switzerland), 2020, 9, 427.	1.8	91
24	Robust and Efficient Approach to Diagnose Sickle Cell Anemia in Blood. Advances in Intelligent Systems and Computing, 2020, , 560-570.	0.5	6
25	Real-Time Sickle Cell Anemia Diagnosis Based Hardware Accelerator. Communications in Computer and Information Science, 2020, , 189-199.	0.4	3
26	Statistical accuracy analysis of different detecting algorithms for surveillance system in smart city. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 979.	0.7	4
27	Toward Interference Aware IoT Framework: Energy and Geo-Location-Based-Modeling. IEEE Access, 2019, 7, 56617-56630.	2.6	26
28	Human emotion classification based on respiration signal. , 2019, , .		10
29	Employment of Multi-classifier and Multi-domain Features for PCG Recognition. , 2019, , .		5
30	Multi-class Breast Cancer Classification by a Novel Two-Branch Deep Convolutional Neural Network Architecture. , 2019, , .		3
31	Enhancing Apple Maturation Recognition Performance Based on Field Programmable Gate Array Implementation. Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University, 2019, 54, .	0.1	1
32	An efficient data packet scheduling scheme for Internet of Things networks. , 2018, , .		18
33	Developing semiautonomous system for robust performance of centrifugal pumping system. , 2017, , .		1
34	Fast and Accurate Real Time Pedestrian Detection Using Convolutional Neural Network. , 2017, , .		3