Yahia Said

List of Publications by Year in descending order

43 papers	626 citations	758635 12 h-index	676716 22 g-index
46 all docs	46 docs citations	46 times ranked	274 citing authors

#	Article	IF	Citations
1	Desertification Detection in Makkah Region based on Aerial Images Classification. Computer Systems Science and Engineering, 2022, 40, 607-618.	1.9	1
2	Human Faces Detection and Tracking for Crowd Management in Hajj and Umrah. Computers, Materials and Continua, 2022, 71, 6275-6291.	1.5	4
3	An efficient object detection system for indoor assistance navigation using deep learning techniques. Multimedia Tools and Applications, 2022, 81, 16601-16618.	2.6	8
4	An evaluation of EfficientDet for object detection used for indoor robots assistance navigation. Journal of Real-Time Image Processing, 2022, 19, 651-661.	2.2	5
5	An edge implementation of a traffic sign detection system for Advanced driver Assistance Systems. International Journal of Intelligent Robotics and Applications, 2022, 6, 207-215.	1.6	8
6	A Convolutional Neural Network to Perform Object Detection and Identification in Visual Large-Scale Data. Big Data, 2021, 9, 41-52.	2.1	25
7	Countries flags detection based on local context network and color features. Multimedia Tools and Applications, 2021, 80, 14753-14765.	2.6	2
8	Real-Time Implementation of Traffic Signs Detection and Identification Application on Graphics Processing Units. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2150024.	0.7	12
9	Drivers Fatigue Detection Using EfficientDet In Advanced Driver Assistance Systems. , 2021, , .		17
10	Indoor sign Detection System for Indoor Assistance Navigation. , 2021, , .		1
11	Human emotion recognition based on facial expressions via deep learning on high-resolution images. Multimedia Tools and Applications, 2021, 80, 25241-25253.	2.6	32
12	Deep learning-based application for indoor wayfinding assistance navigation. Multimedia Tools and Applications, 2021, 80, 27115-27130.	2.6	8
13	A Transfer Learning Approach for Indoor Object Identification. SN Computer Science, 2021, 2, 1.	2.3	4
14	Optimizing Neural Networks for Efficient FPGA Implementation: A Survey. Archives of Computational Methods in Engineering, 2021, 28, 4537-4547.	6.0	8
15	Traffic Signs Detection for Real-World Application of an Advanced Driving Assisting System Using Deep Learning. Neural Processing Letters, 2020, 51, 837-851.	2.0	64
16	Pedestrian Detection Based on Light-Weighted Separable Convolution for Advanced Driver Assistance Systems. Neural Processing Letters, 2020, 52, 2655-2668.	2.0	26
17	pedestrian detection for advanced driving assisting system: a transfer learning approach. , 2020, , .		12
18	Recognizing signs and doors for Indoor Wayfinding for Blind and Visually Impaired Persons. , 2020, , .		10

#	Article	IF	Citations
19	Indoor objects detection and recognition for an ICT mobility assistance of visually impaired people. Multimedia Tools and Applications, 2020, 79, 31645-31662.	2.6	44
20	Computer vision algorithms acceleration using graphic processors NVIDIA CUDA. Cluster Computing, 2020, 23, 3335-3347.	3.5	12
21	Deep Learning Based Application for Indoor Scene Recognition. Neural Processing Letters, 2020, 51, 2827-2837.	2.0	41
22	An Evaluation of RetinaNet on Indoor Object Detection for Blind and Visually Impaired Persons Assistance Navigation. Neural Processing Letters, 2020, 51, 2265-2279.	2.0	71
23	Strided Convolution Instead of Max Pooling for Memory Efficiency of Convolutional Neural Networks. Smart Innovation, Systems and Technologies, 2020, , 234-243.	0.5	22
24	Indoor Image Recognition and Classification via Deep Convolutional Neural Network. Smart Innovation, Systems and Technologies, 2020, , 364-371.	0.5	14
25	Design of a Face Recognition System based on Convolutional Neural Network (CNN). Engineering, Technology & Applied Science Research, 2020, 10, 5608-5612.	0.8	30
26	Logo Recognition with the Use of Deep Convolutional Neural Networks. Engineering, Technology & Applied Science Research, 2020, 10, 6191-6194.	0.8	8
27	Traffic Sign Recognition Based On Scaled Convolutional Neural Network For Advanced Driver Assistance System. , 2020, , .		7
28	Pynq-YOLO-Net: An Embedded Quantized Convolutional Neural Network for Face Mask Detection in COVID-19 Pandemic Era. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	14
29	Indoor Object C1assification for Autonomous Navigation Assistance Based on Deep CNN Model. , 2019, , .		11
30	To Perform Road Signs Recognition for Autonomous Vehicles Using Cascaded Deep Learning Pipeline. Artificial Intelligence Advances, 2019, 1, 1-10.	0.2	14
31	A Novel Dataset For Intelligent Indoor Object Detection Systems. Artificial Intelligence Advances, 2019, 1, .	0.2	7
32	Design of Embedded Vision System based on FPGA-SoC. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	1
33	Efficient implementation of integrall image algorithm on NVIDIA CUDA. , 2018, , .		3
34	Efficient 2D Convolution Filters Implementations on Graphics Processing Unit Using NVIDIA CUDA. International Journal of Image Graphics and Signal Processing, 2018, 10, 1-8.	0.8	3
35	Efficient implementation of sobel filter based on GPUs cards. , 2016, , .		2
36	Efficient and highâ€performance pedestrian detector implementation for intelligent vehicles. IET Intelligent Transport Systems, 2016, 10, 438-444.	1.7	6

#	Article	IF	Citations
37	Cost/performance evaluation for a 3D symmetric NoC router. , 2014, , .		1
38	Efficient implementation of Sobel edge detection algorithm on CPU, GPU and FPGA. International Journal of Advanced Media and Communication, 2014, 5, 105.	0.2	10
39	Pedestrian detection using covariance features. , 2014, , .		1
40	High-level design for image processing on FPGA using Xilinx AccelDSP. , 2014, , .		2
41	Real time FPGA acceleration for discrete wavelet transform of the 5/3 filter for JPEG 2000. , 2012, , .		6
42	Real time hardware co-simulation of Edge Detection for video processing system. , 2012, , .		16
43	Human detection based on integral Histograms of Oriented Gradients and SVM. , 2011, , .		21