Malek Jihene

List of Publications by Year
in descending order

30 papers	408 citations	759233 12 h-index	940533 16 g-index
30 all docs	30 docs citations	30 times ranked	311 citing authors

#	ARTICLE	IF	CITATIONS
1	A fast and robust OSRAD filter for telemedicine applications. International Journal of Computers and Applications, 2021, 43, 70-79.	1.3	1
2	Deep Residual Network in Network. Computational Intelligence and Neuroscience, 2021, 2021, 1-9.	1.7	17
3	FPGA Implementation of Improved Security Approach for Medical Image Encryption and Decryption. Scientific Programming, 2021, 2021, 1-20.	0.7	23
4	Deep network in network. Neural Computing and Applications, 2021, 33, 1453-1465.	5.6	17
5	High Securing Cryptography System for Digital Image Transmission. Smart Innovation, Systems and Technologies, 2020, , 311-322.	0.6	13
6	Improved Chaos-Based Cryptosystem for Medical Image Encryption and Decryption. Scientific Programming, 2020, 2020, 1-22.	0.7	33
7	A New security Approach to Support the operations of ECC and AES Algorithms on FPGA. , 2019, , .		6
8	From FPGA to Support Cloud to Cloud of FPGA: State of the Art. International Journal of Reconfigurable Computing, 2019, 2019, 1-17.	0.2	18
9	Design and Implementation of a Pipelined Median Filter Architecture. , 2019, , .		2
10	A Pipelined Energy-efficient Hardware Accelaration for Deep Convolutional Neural Networks. , 2019, , .		1
11	Noise-estimation-based anisotropic diffusion approach for retinal blood vessel segmentation. Neural Computing and Applications, 2018, 29, 159-180.	5.6	17
12	An Efficient FPGA Implementation of Anisotropic Diffusion Function for Medical Images. , 2018, , .		1
13	GPU-based anisotropic diffusion algorithm for video image denoising. Microprocessors and Microsystems, 2017, 53, 190-201.	2.8	8
14	Image encryption/decryption design using NIOSII soft core processor. , 2017, , .		1
15	A computational flow model of oxygen transport in the retinal network. International Journal of Modelling, Identification and Control, 2016, 26, 361.	0.2	9
16	3D surface reconstruction of retinal vascular structures. International Journal of Modelling, Identification and Control, 2016, 26, 303.	0.2	9
17	Fast oriented Anisotropic Diffusion filter. , 2016, , .		6
18	Real time ultrasound image denoising using NVIDIA CUDA. , 2016, , .		6

#	Article	IF	Citations
19	Fundus image denoising using FPGA hardware architecture. International Journal of Computer Applications in Technology, 2016, 54, 1.	0.5	18
20	Adaptive noise-reducing anisotropic diffusion filter. Neural Computing and Applications, 2016, 27, 1273-1300.	5.6	33
21	Automatic Extraction of Blood Vessels in the Retinal Vascular Tree Using Multiscale Medialness. International Journal of Biomedical Imaging, 2015, 2015, 1-16.	3.9	21
22	Computational analysis of blood flow in the retinal arteries and veins using fundus image. Computers and Mathematics With Applications, 2015, 69, 101-116.	2.7	35
23	Impact of retinal vascular tortuosity on retinal circulation. Neural Computing and Applications, 2015, 26, 25-40.	5.6	22
24	Blood vessels extraction and classification into arteries and veins in retinal images. , 2013, , .		12
25	Inertia-based vessel centerline extraction in retinal image. , 2013, , .		7
26	Automatic estimation of the noise model in fundus images. , 2013, , .		6
27	Automated optic disc detection in retinal images by applying region-based active aontour model in a variational level set formulation. , 2012, , .		8
28	Restoration of retinal images using anisotropic diffusion like algorithms. , 2012, , .		3
29	An automated vessel segmentation of retinal images using multiscale vesselness. , 2011, , .		13
30	Automated Breast Cancer Diagnosis Based on GVF-Snake Segmentation, Wavelet Features Extraction and Fuzzy Classification. Journal of Signal Processing Systems, 2009, 55, 49-66.	2.1	42