

Malek Jihene

List of Publications by Year in descending order

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30
papers

408
citations

758635

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all docs

30
docs citations

30
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Breast Cancer Diagnosis Based on GVF-Snake Segmentation, Wavelet Features Extraction and Fuzzy Classification. Journal of Signal Processing Systems, 2009, 55, 49-66.	1.4	42
2	Computational analysis of blood flow in the retinal arteries and veins using fundus image. Computers and Mathematics With Applications, 2015, 69, 101-116.	1.4	35
3	Adaptive noise-reducing anisotropic diffusion filter. Neural Computing and Applications, 2016, 27, 1273-1300.	3.2	33
4	Improved Chaos-Based Cryptosystem for Medical Image Encryption and Decryption. Scientific Programming, 2020, 2020, 1-22.	0.5	33
5	FPGA Implementation of Improved Security Approach for Medical Image Encryption and Decryption. Scientific Programming, 2021, 2021, 1-20.	0.5	23
6	Impact of retinal vascular tortuosity on retinal circulation. Neural Computing and Applications, 2015, 26, 25-40.	3.2	22
7	Automatic Extraction of Blood Vessels in the Retinal Vascular Tree Using Multiscale Medialness. International Journal of Biomedical Imaging, 2015, 2015, 1-16.	3.0	21
8	Fundus image denoising using FPGA hardware architecture. International Journal of Computer Applications in Technology, 2016, 54, 1.	0.3	18
9	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
10	Noise-estimation-based anisotropic diffusion approach for retinal blood vessel segmentation. Neural Computing and Applications, 2018, 29, 159-180.	3.2	17
11	Deep Residual Network in Network. Computational Intelligence and Neuroscience, 2021, 2021, 1-9.	1.1	17
12	Deep network in network. Neural Computing and Applications, 2021, 33, 1453-1465.	3.2	17
13	An automated vessel segmentation of retinal images using multiscale vesselness. , 2011, , .		13
14	High Securing Cryptography System for Digital Image Transmission. Smart Innovation, Systems and Technologies, 2020, , 311-322.	0.5	13
15	Blood vessels extraction and classification into arteries and veins in retinal images. , 2013, , .		12
16	A computational flow model of oxygen transport in the retinal network. International Journal of Modelling, Identification and Control, 2016, 26, 361.	0.2	9
17	3D surface reconstruction of retinal vascular structures. International Journal of Modelling, Identification and Control, 2016, 26, 303.	0.2	9
18	Automated optic disc detection in retinal images by applying region-based active contour model in a variational level set formulation. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	GPU-based anisotropic diffusion algorithm for video image denoising. Microprocessors and Microsystems, 2017, 53, 190-201.	1.8	8
20	Inertia-based vessel centerline extraction in retinal image. , 2013, , .		7
21	Automatic estimation of the noise model in fundus images. , 2013, , .		6
22	Fast oriented Anisotropic Diffusion filter. , 2016, , .		6
23	Real time ultrasound image denoising using NVIDIA CUDA. , 2016, , .		6
24	A New security Approach to Support the operations of ECC and AES Algorithms on FPGA. , 2019, , .		6
25	Restoration of retinal images using anisotropic diffusion like algorithms. , 2012, , .		3
26	Design and Implementation of a Pipelined Median Filter Architecture. , 2019, , .		2
27	Image encryption/decryption design using NIOSII soft core processor. , 2017, , .		1
28	An Efficient FPGA Implementation of Anisotropic Diffusion Function for Medical Images. , 2018, , .		1
29	A Pipelined Energy-efficient Hardware Accelaration for Deep Convolutional Neural Networks. , 2019, , .		1
30	A fast and robust OSRAD filter for telemedicine applications. International Journal of Computers and Applications, 2021, 43, 70-79.	0.8	1