

Bassam Al-Naami

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

188
citations

1307366

7
h-index

1125617

13
g-index

23
all docs

23
docs citations

23
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	An effective image processing method for detection of diabetic retinopathy diseases from retinal fundus images. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 206.	0.6	43
2	An effective image processing method for detection of diabetic retinopathy diseases from retinal fundus images. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 206.	0.6	28
3	Solar Radiation Forecasting by Pearson Correlation Using LSTM Neural Network and ANFIS Method: Application in the West-Central Jordan. Future Internet, 2022, 14, 79.	2.4	19
4	An effective method for skin blood flow measurement using local heat combined with electrical stimulation. Journal of Medical Engineering and Technology, 2009, 33, 663-669.	0.8	17
5	Statistical Approach for Brain Cancer Classification Using a Region Growing Threshold. Journal of Medical Systems, 2011, 35, 463-471.	2.2	14
6	A Framework Classification of Heart Sound Signals in PhysioNet Challenge 2016 Using High Order Statistics and Adaptive Neuro-Fuzzy Inference System. IEEE Access, 2020, 8, 224852-224859.	2.6	13
7	Utilizing wavelet transform and support vector machine for detection of the paradoxical splitting in the second heart sound. Medical and Biological Engineering and Computing, 2010, 48, 177-184.	1.6	12
8	Hierarchical steganography using novel optimum quantization technique. Signal, Image and Video Processing, 2013, 7, 1029-1040.	1.7	6
9	Identification of aortic stenosis disease using discrete wavelet packet analysis. , 2005, , .		5
10	A New Prototype of Smart Wearable Monitoring System Solution for Alzheimer's™s Patients. Medical Devices: Evidence and Research, 2021, Volume 14, 423-433.	0.4	5
11	Automated Detection of Left Bundle Branch Block from ECG Signal Utilizing the Maximal Overlap Discrete Wavelet Transform with ANFIS. Computers, 2022, 11, 93.	2.1	5
12	Optic nerve head slope-based quantitative parameters for identifying open-angle glaucoma on SPECTRALIS OCT images. International Ophthalmology, 2017, 37, 979-988.	0.6	4
13	Collaboration between interactive three-dimensional visualization and computer aided detection of pulmonary embolism on computed tomography pulmonary angiography views. Radiological Physics and Technology, 2018, 11, 61-72.	1.0	4
14	Assessment of Dual-Tree Complex Wavelet Transform to Improve SNR in Collaboration with Neuro-Fuzzy System for Heart-Sound Identification. Electronics (Switzerland), 2022, 11, 938.	1.8	3
15	A Prototype of an Electronic Pegboard Test to Measure Hand-Time Dexterity with Impaired Hand Functionality. Applied System Innovation, 2022, 5, 2.	2.7	3
16	Image Steganography Optimization Technique. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 205-209.	0.2	2
17	AUTOMATED INTELLIGENT DIAGNOSTIC OF ALZHEIMER DISEASE BASED ON NEURO-FUZZY SYSTEM AND DISCRETE WAVELET TRANSFORM. Biomedical Engineering - Applications, Basis and Communications, 2014, 26, 1450035.	0.3	2
18	Validation of earlobe site as an alternative blood glucose testing approach. Technology and Health Care, 2022, 30, 1535-1541.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Quantitative analysis signal-based approach using the dual tree complex wavelet transform for studying heart sound conditions. , 2020, , .		1
20	A multi-bundle concentric coil wirelessly transferring power to <i>in vivo</i> implantable devices. Journal of Medical Engineering and Technology, 2011, 35, 47-53.	0.8	0
21	Design and implementation of interfacing two FPGAs. , 2012, , .		0
22	Toward Incorporating the Infant Weight Into Incubator's Automatic Temperature Control. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.4	0