

Awad Al-Zaben

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

116
citations

1684188

5
h-index

1372567

10
g-index

30
all docs

30
docs citations

30
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of foetal ECG by combination of singular value decomposition and neuro-fuzzy inference system. <i>Physics in Medicine and Biology</i> , 2006, 51, 137-143.	3.0	43
2	ARMA Model Order Determination Using Edge Detection: A New Perspective. <i>Circuits, Systems, and Signal Processing</i> , 2005, 24, 723-732.	2.0	13
3	Effect of esophagus status and catheter configuration on multiple intraluminal impedance measurements. <i>Physiological Measurement</i> , 2005, 26, 229-238.	2.1	12
4	Computation of intraluminal impedance. <i>Physiological Measurement</i> , 2004, 25, 61-70.	2.1	7
5	Analysis of intraluminal impedance measurements. <i>Physiological Measurement</i> , 2003, 24, 837-845.	2.1	6
6	Heart Rate Variability While Listening to Quran Recitation. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 1129-1133.	1.1	5
7	Thresholding reflux episodes in impedance measurements using a neuro-fuzzy system. <i>Biomedical Sciences Instrumentation</i> , 2002, 38, 263-5.	0.2	4
8	Statistical performance evaluation of ECG transmission using wireless networks. <i>Journal of Medical Engineering and Technology</i> , 2013, 37, 348-354.	1.4	3
9	Detection of premature ventricular beats from arterial blood pressure signal. , 2018, , .		3
10	Detection of gastrointestinal tract events from multichannel intraluminal impedance measurements. <i>Biomedical Sciences Instrumentation</i> , 2001, 37, 55-61.	0.2	3
11	Spectral investigations of intraluminal impedance signals. <i>Journal of Medical Engineering and Technology</i> , 2009, 33, 622-627.	1.4	2
12	Space partitioning in piecewise metamodeling: a graphical approach. <i>Structural and Multidisciplinary Optimization</i> , 2010, 41, 441-452.	3.5	2
13	Iterative sequential Monte Carlo algorithm for motif discovery. <i>IET Signal Processing</i> , 2016, 10, 504-513.	1.5	2
14	Biomedical invasive pressure sensor coatings: calibration and waveform perspectives. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 203-209.	1.4	2
15	Simulation of intraluminal impedance. <i>Biomedical Sciences Instrumentation</i> , 2003, 39, 48-52.	0.2	2
16	Quantifying Severity of Unbalanced Conditions of Induction Motor Using Wavelet Entropy. <i>Electric Power Components and Systems</i> , 2006, 34, 1001-1013.	1.8	1
17	Enhanced segmentation of EOG signals. , 2011, , .		1
18	A MANOMETRY CATHETER BASED ON FIBER BRAGG GRATINGS " TEMPERATURE COMPENSATION PERSPECTIVES AND IN VITRO STUDY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2016, 28, 1650009.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Estimation and compensation of a biomedical sensor's response delay using extended Kalman filter. , 2016, , .		1
20	Bioreactor for biopharmaceutical production: Simple controlled environment design. , 2018, , .		1
21	TELE-MONITORING SYSTEM OF RISK IN RESPIRATORY PATIENTS. Biomedical Engineering - Applications, Basis and Communications, 2021, 33, .	0.6	1
22	Numerical investigations of intraluminal impedance. Biomedical Sciences Instrumentation, 2004, 40, 168-74.	0.2	1
23	Extraction of Arterial Blood Pressure Signal from Intraluminal Impedance Signals. , 2005, 2005, 6011-3.		0
24	Identification of Three Phase Transformer Abnormal Conditions Using Wavelet Entropy. , 2007, , .		0
25	An integrated FM detector. Analog Integrated Circuits and Signal Processing, 2010, 63, 47-51.	1.4	0
26	Telemetry Design of a Vital Sign Recording System. Journal of Medical Systems, 2012, 36, 1059-1063.	3.6	0
27	Interpretability and variability of metamodel validation statistics in engineering system design optimization: a practical study. International Journal for Simulation and Multidisciplinary Design Optimization, 2014, 5, A05.	1.1	0
28	ECG Abnormality Detection from PPG Signal. , 2019, , .		0
29	Utilizing Upper Arm Images in Determining Body Mass Index and Nutritional Status. Engineering, Technology & Applied Science Research, 2019, 9, 4392-4396.	1.9	0
30	FSI Model to Investigate Effects of Covering Material on Invasive Blood Pressure Sensor Performance. , 2021, , .		0