

Muhammad A Hasan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

336
citations

933447

10
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and Processing Techniques of FECG Signal for Fetal Monitoring. Biological Procedures Online, 2009, 11, 263-95.	2.9	112
2	Relation between Beat-to-Beat QT Interval Variability and T-Wave Amplitude in Healthy Subjects. Annals of Noninvasive Electrocardiology, 2012, 17, 195-203.	1.1	32
3	Beat-to-Beat Vectorcardiographic Analysis of Ventricular Depolarization and Repolarization in Myocardial Infarction. PLoS ONE, 2012, 7, e49489.	2.5	26
4	Beat-to-beat QT interval variability and T-wave amplitude in patients with myocardial infarction. Physiological Measurement, 2013, 34, 1075-1083.	2.1	25
5	Autonomic modulation of repolarization instability in patients with heart failure prone to ventricular tachycardia. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1181-H1188.	3.2	20
6	An independent-BCI based on SSVEP using Figure-Ground Perception (FGP). Biomedical Signal Processing and Control, 2016, 26, 69-79.	5.7	18
7	Techniques of FECG signal analysis: detection and processing for fetal monitoring. WIT Transactions on Biomedicine and Health, 2007, , .	0.0	17
8	Hardware Prototyping of Neural Network based Fetal Electrocardiogram Extraction. Measurement Science Review, 2012, 12, .	1.0	16
9	A review of beat-to-beat vectorcardiographic (VCG) parameters for analyzing repolarization variability in ECG signals. Biomedizinische Technik, 2016, 61, 3-17.	0.8	14
10	Effect of Loss of Heart Rate Variability on T-Wave Heterogeneity and QT Variability in Heart Failure Patients: Implications in Ventricular Arrhythmogenesis. Cardiovascular Engineering and Technology, 2017, 8, 219-228.	1.6	12
11	Beat-to-beat T-wave alternans detection using the Ensemble Empirical Mode Decomposition method. Computers in Biology and Medicine, 2016, 77, 1-8.	7.0	10
12	VHDL modeling of FECG extraction from the composite abdominal ECG using Artificial Intelligence. , 2009, , .		8
13	Beat-to-beat spatial and temporal analysis for QRS-T morphology. , 2012, 2012, 4193-5.		5
14	Increased beat-to-beat T-wave variability in myocardial infarction patients. Biomedizinische Technik, 2018, 63, 123-130.	0.8	5
15	Design and Simulation of RF-CMOS Spiral Inductors for ISM Band RFID Reader Circuits. , 2009, , .		4
16	Improved ECG pre-processing for beat-to-beat QT interval variability measurement. , 2013, 2013, 2563-6.		4
17	An Emergency Medical Care Network System for Fetal ECG Monitoring. , 2011, , .		3
18	BPNN based MECC elimination from the abdominal signal to extract fetal signal for continuous fetal monitoring. Acta Scientiarum - Technology, 2013, 35, .	0.4	3

#	ARTICLE	IF	CITATIONS
19	On the issues of linearizing a sensor characteristic over a wider response range. , 2008, , .		1
20	The Advent of Industry Fit RFID Readers. , 2008, , .		1