Muhammad A Hasan

List of Publications by Year
in descending order

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	Increased beat-to-beat T-wave variability in myocardial infarction patients. Biomedizinische Technik, 2018, 63, 123-130.	0.8	5
2	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
3	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
4	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
5	An independent-BCI based on SSVEP using Figure-Ground Perception (FGP). Biomedical Signal Processing and Control, 2016, 26, 69-79.	5.7	18
6	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
7	Beat-to-beat QT interval variability and T-wave amplitude in patients with myocardial infarction. Physiological Measurement, 2013, 34, 1075-1083.	2.1	25
8	Improved ECG pre-processing for beat-to-beat QT interval variability measurement. , 2013, 2013, 2563-6.		4
9	BPNN based MECG elimination from the abdominal signal to extract fetal signal for continuous fetal monitoring. Acta Scientiarum - Technology, 2013, 35, .	0.4	3
10	Beat-to-Beat Vectorcardiographic Analysis of Ventricular Depolarization and Repolarization in Myocardial Infarction. PLoS ONE, 2012, 7, e49489.	2.5	26
11	Hardware Prototyping of Neural Network based Fetal Electrocardiogram Extraction. Measurement Science Review, 2012, 12, .	1.0	16
12	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
13	Beat-to-beat spatial and temporal analysis for QRS-T morphology. , 2012, 2012, 4193-5.		5
14	An Emergency Medical Care Network System for Fetal ECG Monitoring. , 2011, , .		3
15	Detection and Processing Techniques of FECG Signal for Fetal Monitoring. Biological Procedures Online, 2009, 11, 263-95.	2.9	112
16	VHDL modeling of FECG extraction from the composite abdominal ECG using Atificial Intelligence. , 2009, , .		8
17	Design and Simulation of RF-CMOS Spiral Inductors for ISM Band RFID Reader Circuits. , 2009, , .		4
18	On the issues of linearizing a sensor characteristic over a wider response range. , 2008, , .		1

#	Article	IF	Citations
19	The Advent of Industry Fit RFID Readers. , 2008, , .		1
20	Techniques of FECG signal analysis: detection and processing for fetal monitoring. WIT Transactions on Biomedicine and Health, 2007, , .	0.0	17