

Mb Malarvili

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

417
citations

11
h-index

20
g-index

61
ext. papers

526
ext. citations

1.7
avg, IF

3.84
L-index

#	Paper	IF	Citations
43	Nutrient intake, growth performance and nutrient digestibility of pre- and post-weaning Dorper lambs fed varying crude protein level. <i>Tropical Animal Health and Production</i> , 2021 , 53, 515	1.7	
42	Effect of short-term ketogenic diet on end-tidal carbon dioxide. <i>Clinical Nutrition ESPEN</i> , 2021 , 42, 124-133		
41	Investigation of Multiparameter Trends and Anthropometric Measurements for Cardiorespiratory Fitness Assessment Among UTM Staff. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 884, 012002	0.4	
40	Design of Device to Monitor Asthma Severity Using Mainstream Technology while Administering Medication. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 884, 012010	0.4	0
39	Stress Response Index for Traumatic Childhood Experience Based on the Fusion of Hypothalamus Pituitary Adrenocortical and Autonomic Nervous System Biomarkers. <i>Advances in Science, Technology and Engineering Systems</i> , 2020 , 5, 317-324	0.3	
38	Virtual Instrument Based Real Time ECG Monitoring Device. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 884, 012011	0.4	1
37	Effect of Temperature, Pressure and Humidity on Carbon Dioxide Concentration Simulation Study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 884, 012007	0.4	
36	Fusion of heart rate variability and salivary cortisol for stress response identification based on adverse childhood experience. <i>Medical and Biological Engineering and Computing</i> , 2019 , 57, 1229-1245	3.1	11
35	Real-time human respiration carbon dioxide measurement device for cardiorespiratory assessment. <i>Journal of Breath Research</i> , 2018 , 12, 026003	3.1	23
34	Assessment of newly developed real-time human respiration carbon dioxide measurement device for management of asthma outside of hospital. <i>Technology and Health Care</i> , 2018 , 26, 785-794	1.1	3
33	Paroxysmal atrial fibrillation prediction based on HRV analysis and non-dominated sorting genetic algorithm III. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 153, 171-184	6.9	29
32	2018 ,		1
31	Combination of EMG Features and Stability Index for Finger Movements Recognition. <i>Procedia Computer Science</i> , 2018 , 133, 92-98	1.6	5
30	Automatic Quantitative Analysis of Human Respired Carbon Dioxide Waveform for Asthma and Non-Asthma Classification Using Support Vector Machine. <i>IEEE Access</i> , 2018 , 6, 55245-55256	3.5	12
29	Fetal heart rate monitoring device using condenser microphone sensor: Validation and comparison to standard devices. <i>Technology and Health Care</i> , 2018 , 26, 573-579	1.1	2
28	Correlation between different DNA period-3 signals: An analytical study for exons prediction 2017 ,		3
27	Improved Gender Recognition during Stepping Activity for Rehab Application Using the Combinatorial Fusion Approach of EMG and HRV. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 348	2.6	5

26	Assessment on Stationarity of EMG Signals with Different Windows Size During Isotonic Contractions. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1050	2.6	17
25	Comparison of tibialis anterior and gastrocnemius muscles activation on balance training devices and hoverboard. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2017 , 13, 495-500	2.1	3
24	Paroxysmal atrial fibrillation prediction method with shorter HRV sequences. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 134, 187-96	6.9	36
23	The Gender Effects of Heart Rate Variability Response during Short-Term Exercise using Stair Stepper from Statistical Analysis. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2016 , 2, 359	1.6	2
22	Development of Spectral Delayed Luminescence System for Whole Saliva Analysis: A Prototype Study. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 67,	1.2	2
21	Saliva-based biosensors: noninvasive monitoring tool for clinical diagnostics. <i>BioMed Research International</i> , 2014 , 2014, 962903	3	106
20	Designing a respiratory CO2 measurement device for home monitoring of asthma severity 2014 ,		3
19	A Multi-Channel Fusion Based Newborn Seizure Detection. <i>Journal of Biomedical Science and Engineering</i> , 2014 , 07, 533-545	0.7	3
18	A Web based Employee Medical History Management and Monitoring System 2012 ,		1
17	Automatic seizure detection based on the combination of newborn multi-channel EEG and HRV information. <i>Eurasip Journal on Advances in Signal Processing</i> , 2012 , 2012,	1.9	3
16	Investigation of capnogram signal characteristics using statistical methods 2012 ,		1
15	Analysis of Capnogram Using Linear Predictive Coding (LPC) to Differentiate Asthmatic Conditions. <i>Journal of Tissue Science & Engineering</i> , 2012 , 02,		5
14	2011 ,		1
13	Feature Extraction of Capnogram for Asthmatic Patient 2010 ,		7
12	Analysis of capnography for asthmatic patient 2009 ,		1
11	Newborn seizure detection based on heart rate variability. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 2594-603	5	45
10	Heart Rate Variability Time-Frequency Analysis for Newborn Seizure Detection 2009 , 95-121		1
9	Combining newborn EEG and HRV information for automatic seizure detection. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 4756-9	0.9	11

8	Time- frequency based renyi entropy of heart rate variability for newborn seizure detection 2007 ,		3
7	Renyi entropy of quadratic time-frequency distributions: effects of signal parameters 2007 ,		4
6	HRV feature selection based on discriminant and redundancy analysis for neonatal seizure detection 2007 ,		8
5	Time-Frequency Analysis of Heart Rate Variability for Neonatal Seizure Detection. <i>Eurasip Journal on Advances in Signal Processing</i> , 2007 , 2007,	1.9	18
4	HRV Feature Selection for Neonatal Seizure Detection: A Wrapper Approach 2007 ,		5
3	Heart Rate Variability Characterization Using a Time-Frequency Based Instantaneous Frequency Estimation Technique. <i>IFMBE Proceedings</i> , 2007 , 455-459	0.2	2
2	Heart sound segmentation algorithm based on instantaneous energy of electrocardiogram 2003 ,		28
1	A HISTOGRAM-BASED ELECTROENCEPHALOGRAM SPIKE DETECTION		5