

Martin Bachler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3603734/publications.pdf>

Version: 2024-02-01

19
papers

273
citations

1162367

8
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of entropy-measure parameters for knowledge discovery in heart rate variability data. BMC Bioinformatics, 2014, 15, S2.	1.2	70
2	Long-term monitoring of cardiorespiratory patterns in drug-resistant epilepsy. Epilepsia, 2017, 58, 77-84.	2.6	43
3	On Entropy-Based Data Mining. Lecture Notes in Computer Science, 2014, , 209-226.	1.0	28
4	Implementation and verification of an enhanced algorithm for the automatic computation of RR-interval series derived from 24-h 12-lead ECGs. Physiological Measurement, 2017, 38, 1-14.	1.2	24
5	Non-invasive wave reflection quantification in patients with reduced ejection fraction. Physiological Measurement, 2015, 36, 179-190.	1.2	23
6	Determinants and covariates of central pressures and wave reflections in systolic heart failure. International Journal of Cardiology, 2015, 190, 308-314.	0.8	18
7	The Effect of Threshold Values and Weighting Factors on the Association between Entropy Measures and Mortality after Myocardial Infarction in the Cardiac Arrhythmia Suppression Trial (CAST). Entropy, 2016, 18, 129.	1.1	18
8	Online and Offline Determination of QT and PR Interval and QRS Duration in Electrocardiography. Lecture Notes in Computer Science, 2013, , 1-15.	1.0	13
9	Feasibility of oscillometric aortic pressure and stiffness assessment using the VaSera VS-1500. Blood Pressure Monitoring, 2015, 20, 273-279.	0.4	8
10	Associations of Novel and Traditional Vascular Biomarkers of Arterial Stiffness: Results of the SAPALDIA 3 Cohort Study. PLoS ONE, 2016, 11, e0163844.	1.1	8
11	Non-invasive quantification of the effect of device-guided slow breathing with direct feedback to the patient to reduce blood pressure. Physiological Measurement, 2020, 41, 104002.	1.2	8
12	Measuring Arterial Stiffness in a Head-Down Tilt Bed Rest Study: A Multisensor Approach. , 2020, 2020, 2715-2718.		3
13	Challenging Recently Published Parameter Sets for Entropy Measures in Risk Prediction for End-Stage Renal Disease Patients. Entropy, 2017, 19, 582.	1.1	2
14	Nonlinear Methods in Heart Rate Variability: Can they Distinguish between Nonpathological and Pathological Subjects?. SNE Simulation Notes Europe, 2015, 25, .	0.2	2
15	A comparison between left ventricular ejection time measurement methods during physiological changes induced by simulated microgravity. Experimental Physiology, 2021, , .	0.9	2
16	Attractor Reconstruction for Quantifying the Arterial Pulse Wave Morphology During Device-Guided Slow Breathing. Cardiovascular Engineering and Technology, 2022, 13, 939-949.	0.7	2
17	Simulation of Physiologic Ectopic Beats in Heartbeat Intervals to Validate Algorithms. IFAC-PapersOnLine, 2015, 48, 123-128.	0.5	1
18	Entropy-Based Data Mining on the Example of Cardiac Arrhythmia Suppression. Lecture Notes in Computer Science, 2014, , 574-585.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Pulse wave intensity and ECG: A multisensor approach for the risk assessment in systolic heart failure. , 2015, , .		0