

Martin Bachler

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

273
citations

1162889

8
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

486
citing authors

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

#	ARTICLE	IF	CITATIONS
19	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