Martin Bachler

List of Publications by Year
in descending order

19 papers	**273** citations	**8** h-index

1163117

940533

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. Cardiovascular Engineering and Technology, 2022, 13, 939-949.	1.6	2
2	A comparison between left ventricular ejection time measurement methods during physiological changes induced by simulated microgravity. Experimental Physiology, 2021, , .	2.0	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. Physiological Measurement, 2020, 41, 104002.	2.1	8
5	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.	2.1	24
6	Long‐term monitoring of cardiorespiratory patterns in drug‐resistant epilepsy. Epilepsia, 2017, 58, 77-84.	5.1	43
7	Challenging Recently Published Parameter Sets for Entropy Measures in Risk Prediction for End-Stage Renal Disease Patients. Entropy, 2017, 19, 582.	2.2	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). Entropy, 2016, 18, 129.	2.2	18
9	Associations of Novel and Traditional Vascular Biomarkers of Arterial Stiffness: Results of the SAPALDIA 3 Cohort Study. PLoS ONE, 2016, 11, e0163844.	2.5	8
10	Simulation of Physiologic Ectopic Beats in Heartbeat Intervals to Validate Algorithms. IFAC-PapersOnLine, 2015, 48, 123-128.	0.9	1
11	Feasibility of oscillometric aortic pressure and stiffness assessment using the VaSera VS-1500. Blood Pressure Monitoring, 2015, 20, 273-279.	0.8	8
12	Non-invasive wave reflection quantification in patients with reduced ejection fraction. Physiological Measurement, 2015, 36, 179-190.	2.1	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. International Journal of Cardiology, 2015, 190, 308-314.	1.7	18
15	Nonlinear Methods in Heart Rate Variability: Can they Distinguish between Nonpathological and Pathological Subjects?. SNE Simulation Notes Europe, 2015, 25, .	0.3	2
16	Entropy-Based Data Mining on the Example of Cardiac Arrhythmia Suppression. Lecture Notes in Computer Science, 2014, , 574-585.	1.3	0
17	Selection of entropy-measure parameters for knowledge discovery in heart rate variability data. BMC Bioinformatics, 2014, 15, S2.	2.6	70
18	On Entropy-Based Data Mining. Lecture Notes in Computer Science, 2014, , 209-226.	1.3	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.	1.3	13