Andrew Lowe

List of Publications by Year
in descending order

13 papers	155 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	143 citing authors

#	Article	IF	Citations
1	Bioimpedance analysis as a tool for hemodynamic monitoring: overview, methods and challenges. Physiological Measurement, 2021, 42, 03TR01.	2.1	39
2	Non-invasive continuous blood pressure monitoring systems: current and proposed technology issues and challenges. Physical and Engineering Sciences in Medicine, 2020, 43, 11-28.	2.4	36
3	Tissue phantoms to mimic the dielectric properties of human forearm section for multi-frequency bioimpedance analysis at low frequencies. Materials Science and Engineering C, 2019, 96, 496-508.	7.3	18
4	Simulation of impedance measurements at human forearm within 1 kHz to 2 MHz. Journal of Electrical Bioimpedance, 2019, 7, 20-27.	0.9	18
5	Investigating Electrical Impedance Spectroscopy for Estimating Blood Flow-Induced Variations in Human Forearm. Sensors, 2020, 20, 5333.	3.8	10
6	Pulse rate variability predicts atrial fibrillation and cerebrovascular events in a large, population-based cohort. International Journal of Cardiology, 2019, 275, 83-88.	1.7	8
7	Towards Estimating Arterial Diameter Using Bioimpedance Spectroscopy: A Computational Simulation and Tissue Phantom Analysis. Sensors, 2022, 22, 4736.	3.8	7
8	Tissue phantom to mimic the dielectric properties of human muscle within 20 Hz and 100 kHz for biopotential sensing applications. , 2019, 2019, 6490-6493.		5
9	Diagnosis of atrial fibrillation based on arterial pulse wave foot point detection using artificial neural networks. Computer Methods and Programs in Biomedicine, 2020, 197, 105681.	4.7	5
10	Screening for Atrial Fibrillation During Automatic Blood Pressure Measurements. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-7.	3.7	4
11	Coaxial sensor design for measuring dielectric properties of Cole-type liquids at frequencies between 1â€‰kHz and 2 MHz. Measurement Science and Technology, 2018, 29, 085101.	2.6	2
12	Estimating Systolic Blood Pressure Using Convolutional Neural Networks. Studies in Health Technology and Informatics, 2019, 261, 143-149.	0.3	2
13	Assessing Support for Industry Standards in Reference Medical Software Architectures. , 2020, , .		1