

Andrew Lowe

List of Publications by Year in descending order

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13
papers

155
citations

1478505

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h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

143
citing authors

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