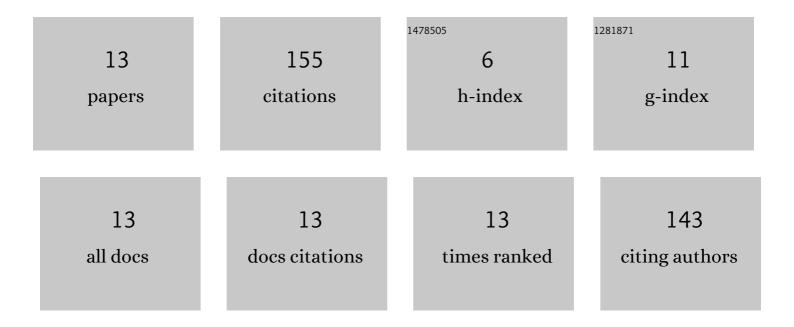
Andrew Lowe

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2687751/publications.pdf Version: 2024-02-01



ANDREWLOWE

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Towards Estimating Arterial Diameter Using Bioimpedance Spectroscopy: A Computational Simulation and Tissue Phantom Analysis. Sensors, 2022, 22, 4736. | 3.8 | 7 |
| 2 | Bioimpedance analysis as a tool for hemodynamic monitoring: overview, methods and challenges. Physiological Measurement, 2021, 42, 03TR01. | 2.1 | 39 |
| 3 | 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 |
| 4 | Investigating Electrical Impedance Spectroscopy for Estimating Blood Flow-Induced Variations in Human Forearm. Sensors, 2020, 20, 5333. | 3.8 | 10 |
| 5 | 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 |
| 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. International Journal of Cardiology, 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. Materials Science and Engineering C, 2019, 96, 496-508. | 7.3 | 18 |
| 10 | Simulation of impedance measurements at human forearm within 1 kHz to 2 MHz. Journal of Electrical Bioimpedance, 2019, 7, 20-27. | 0.9 | 18 |
| 11 | Estimating Systolic Blood Pressure Using Convolutional Neural Networks. Studies in Health Technology and Informatics, 2019, 261, 143-149. | 0.3 | 2 |
| 12 | 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 |
| 13 | Coaxial sensor design for measuring dielectric properties of Cole-type liquids at frequencies between 1 kHz and 2 MHz. Measurement Science and Technology, 2018, 29, 085101. | 2.6 | 2 |