

Andrew M Carek

List of Publications by Year in descending order

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papers

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15
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times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Ballistocardiogram as Proximal Timing Reference for Pulse Transit Time Measurement: Potential for Cuffless Blood Pressure Monitoring. IEEE Transactions on Biomedical Engineering, 2015, 62, 2657-2664.	4.2	114
2	Weighing Scale-Based Pulse Transit Time is a Superior Marker of Blood Pressure than Conventional Pulse Arrival Time. Scientific Reports, 2016, 6, 39273.	3.3	105
3	Ballistocardiogram-Based Approach to Cuffless Blood Pressure Monitoring: Proof of Concept and Potential Challenges. IEEE Transactions on Biomedical Engineering, 2018, 65, 2384-2391.	4.2	70
4	SeismoWatch. , 2017, 1, 1-16.		63
5	Wearable Cuff-Less Blood Pressure Estimation at Home via Pulse Transit Time. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1926-1937.	6.3	53
6	Conventional pulse transit times as markers of blood pressure changes in humans. Scientific Reports, 2020, 10, 16373.	3.3	49
7	A Wearable, Multimodal Sensing System to Monitor Knee Joint Health. IEEE Sensors Journal, 2020, 20, 10323-10334.	4.7	47
8	Non-Invasive Wearable Patch Utilizing Seismocardiography for Peri-Operative Use in Surgical Patients. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1572-1582.	6.3	17
9	Robust Sensing of Distal Pulse Waveforms on a Modified Weighing Scale for Ubiquitous Pulse Transit Time Measurement. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 765-772.	4.0	15
10	Comparison of autonomic stress reactivity in young healthy versus aging subjects with heart disease. PLoS ONE, 2019, 14, e0216278.	2.5	13
11	A Reflective Photoplethysmogram Array and Channel Selection Algorithm for Weighing Scale Based Blood Pressure Measurement. IEEE Sensors Journal, 2020, 20, 3849-3858.	4.7	9
12	Enabling Wearable Pulse Transit Time-Based Blood Pressure Estimation for Medically Underserved Areas and Health Equity: Comprehensive Evaluation Study. JMIR MHealth and UHealth, 2021, 9, e27466.	3.7	9
13	Sternal vibrations during head-out immersion: A preliminary demonstration of underwater wearable ballistocardiography. Journal of the Acoustical Society of America, 2015, 138, EL342-EL346.	1.1	2