

CITATION REPORT

List of articles citing

Resting and Postexercise Heart Rate Detection From Fingertip and Facial Photoplethysmography Using a Smartphone Camera: A Validation Study

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JMIR MHealth and UHealth, 2017, 5, e33.

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#	Paper	IF	Citations
34	Contact-Free Screening of Atrial Fibrillation by a Smartphone Using Facial Pulsatile Photoplethysmographic Signals. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	55
33	Photoplethysmogram. 2018 , 159-192		3
32	Analysis of a Pulse Rate Variability Measurement Using a Smartphone Camera. <i>Journal of Healthcare Engineering</i> , 2018 , 2018, 4038034	3.7	29
31	Mobile Health Advances in Physical Activity, Fitness, and Atrial Fibrillation: Moving Hearts. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2691-2701	15.1	59
30	Cardiovascular assessment by imaging photoplethysmography - a review. <i>Biomedizinische Technik</i> , 2018 , 63, 617-634	1.3	47
29	Sensors of Smart Devices in the Internet of Everything (IoE) Era: Big Opportunities and Massive Doubts. <i>Journal of Sensors</i> , 2019 , 2019, 1-26	2	33
28	Detail-Preserving Signal Fitting for Pulse Wave Detection from Smartphone-Based Fingertip Videos. 2019 ,		
27	An open-source remote heart rate imaging method with practical apparatus and algorithms. <i>Behavior Research Methods</i> , 2019 , 51, 2106-2119	6.1	22
26	Current progress of photoplethysmography and SPO for health monitoring. <i>Biomedical Engineering Letters</i> , 2019 , 9, 21-36	3.6	62
25	Non-invasive real-time autonomic function characterization during surgery via continuous Poincaré quantification of heart rate variability. <i>Journal of Clinical Monitoring and Computing</i> , 2019 , 33, 627-635	2	7
24	Ambient assistance service for fall and heart problem detection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 1527-1546	3.7	19
23	. <i>IEEE Access</i> , 2020 , 8, 143479-143493	3.5	1
22	A Multidomain Approach to Assessing the Convergent and Concurrent Validity of a Mobile Application When Compared to Conventional Methods of Determining Body Composition. <i>Sensors</i> , 2020 , 20,	3.8	1
21	Screening for Atrial Fibrillation and the Role of Digital Health Technologies. 2020 ,		0
20	Smartphone App (2kmFIT-App) for Measuring Cardiorespiratory Fitness: Validity and Reliability Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e14864	5.5	2
19	ESC working group on e-cardiology position paper: use of commercially available wearable technology for heart rate and activity tracking in primary and secondary cardiovascular prevention in collaboration with the European Heart Rhythm Association, European Association of Preventive Cardiology, Association of Cardiovascular Nursing and Allied Professionals, Patient Forum, and the Digital Health Committee. <i>European Heart Journal Digital Health</i> , 2021 , 2, 49-59	2.3	6
18	A Blockchain-Enabled Framework for mHealth Systems. <i>Sensors</i> , 2021 , 21,	3.8	8

17	e-CoVig: A Novel mHealth System for Remote Monitoring of Symptoms in COVID-19. <i>Sensors</i> , 2021 , 21,	3.8	7
16	Smartphone Movement Sensors for Remote Monitoring of Respiratory Rate: Observational Study (Preprint).		
15	Effectiveness of consumer-grade contactless vital signs monitors: a systematic review and meta-analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2021 , 1	2	0
14	Enhancing Healthcare Access-Smartphone Apps in Arrhythmia Screening: Viewpoint. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e23425	5.5	0
13	Contact-free sensor signals as a new digital biomarker for cardiovascular disease: chances and challenges. <i>European Heart Journal Digital Health</i> , 2020 , 1, 30-39	2.3	1
12	Effects of exercise on heart rate variability by time-domain, frequency-domain and non-linear analyses in equine athletes. <i>F1000Research</i> , 8, 147	3.6	1
11	Detail-preserving pulse wave extraction from facial videos using consumer-level camera. <i>Biomedical Optics Express</i> , 2020 , 11, 1876-1891	3.5	9
10	Auralife Instant Blood Pressure App in Measuring Resting Heart Rate: Validation Study. <i>JMIR Biomedical Engineering</i> , 2018 , 3, e11057	1.3	1
9	The Current State of Mobile Phone Apps for Monitoring Heart Rate, Heart Rate Variability, and Atrial Fibrillation: Narrative Review. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e11606	5.5	65
8	The Current State of Mobile Phone Apps for Monitoring Heart Rate, Heart Rate Variability, and Atrial Fibrillation: Narrative Review (Preprint).		1
7	Smartphone App (2kmFIT-App) for Measuring Cardiorespiratory Fitness: Validity and Reliability Study (Preprint).		
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5	Validation study of the use of the HRVCAM software for the evaluation of heart rate and heart rate variability at rest. <i>European Heart Journal Digital Health</i> ,	2.3	
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3	Smartphone Movement Sensors for Remote Monitoring of Respiratory Rate: Observational Study.		
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1	Clinical significance, challenges and limitations in using artificial intelligence for electrocardiography-based diagnosis. 2022 , 23,		1