

# Frédéric Bousefsaf

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5380083/publications.pdf>

Version: 2024-02-01

17  
papers

438  
citations

1162889

8  
h-index

1199470

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous wavelet filtering on webcam photoplethysmographic signals to remotely assess the instantaneous heart rate. Biomedical Signal Processing and Control, 2013, 8, 568-574.	3.5	144
2	3D Convolutional Neural Networks for Remote Pulse Rate Measurement and Mapping from Facial Video. Applied Sciences (Switzerland), 2019, 9, 4364.	1.3	76
3	Remote estimation of pulse wave features related to arterial stiffness and blood pressure using a camera. Biomedical Signal Processing and Control, 2021, 64, 102242.	3.5	40
4	Remote assessment of the Heart Rate Variability to detect mental stress. , 2013, , .		39
5	Remote detection of mental workload changes using cardiac parameters assessed with a low-cost webcam. Computers in Biology and Medicine, 2014, 53, 154-163.	3.9	35
6	Automatic Selection of Webcam Photoplethysmographic Pixels Based on Lightness Criteria. Journal of Medical and Biological Engineering, 2017, 37, 374-385.	1.0	23
7	Peripheral vasomotor activity assessment using a continuous wavelet analysis on webcam photoplethysmographic signals. Bio-Medical Materials and Engineering, 2016, 27, 527-538.	0.4	21
8	AUTOMATIC HUMAN STRESS DETECTION BASED ON WEBCAM PHOTOPLETHYSMOGRAPHIC SIGNALS. Journal of Mechanics in Medicine and Biology, 2016, 16, 1650039.	0.3	21
9	Imaging Photoplethysmography: Signal Waveform Analysis. , 2019, , .		9
10	iPPGâ€™s cPPG: Reconstructing contact from imaging photoplethysmographic signals using U-Net architectures. Computers in Biology and Medicine, 2021, 138, 104860.	3.9	9
11	Remote assessment of physiological parameters by non-contact technologies to quantify and detect mental stress states. , 2014, , .		6
12	Estimation of blood pressure waveform from facial video using a deep U-shaped network and the wavelet representation of imaging photoplethysmographic signals. Biomedical Signal Processing and Control, 2022, 78, 103895.	3.5	5
13	LCOMS Labâ€™s approach to the Vision For Vitals (V4V) Challenge. , 2021, , .		4
14	Remote sensing of vital signs and biomedical parameters: A review. Modelling, Measurement and Control C: Energetics, Chemistry, Earth, Environmental and Biomedical Problems, 2018, 79, 173-178.	0.1	3
15	Image completion using multispectral imaging. IET Image Processing, 2018, 12, 1164-1174.	1.4	2
16	An automatic natural feature selection system for indoor tracking - application to Alzheimer patient support. International Journal of Computational Vision and Robotics, 2018, 8, 201.	0.2	1
17	An automatic natural feature selection system for indoor tracking - application to Alzheimer patient support. International Journal of Computational Vision and Robotics, 2018, 8, 201.	0.2	0