

Frédéric Bousefsaf

List of Publications by Year in descending order

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17
papers

438
citations

1162889

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1199470

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all docs

17
docs citations

17
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	iPPG: Reconstructing contact from imaging photoplethysmographic signals using U-Net architectures. Computers in Biology and Medicine, 2021, 138, 104860.	3.9	9
4	LCOMS Lab's approach to the Vision For Vitals (V4V) Challenge. , 2021, , .		4
5	3D Convolutional Neural Networks for Remote Pulse Rate Measurement and Mapping from Facial Video. Applied Sciences (Switzerland), 2019, 9, 4364.	1.3	76
6	Imaging Photoplethysmography: Signal Waveform Analysis. , 2019, , .		9
7	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
8	Image completion using multispectral imaging. IET Image Processing, 2018, 12, 1164-1174.	1.4	2
9	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
10	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
11	Automatic Selection of Webcam Photoplethysmographic Pixels Based on Lightness Criteria. Journal of Medical and Biological Engineering, 2017, 37, 374-385.	1.0	23
12	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
13	AUTOMATIC HUMAN STRESS DETECTION BASED ON WEBCAM PHOTOPLETHYSMOGRAPHIC SIGNALS. Journal of Mechanics in Medicine and Biology, 2016, 16, 1650039.	0.3	21
14	Remote assessment of physiological parameters by non-contact technologies to quantify and detect mental stress states. , 2014, , .		6
15	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
16	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
17	Remote assessment of the Heart Rate Variability to detect mental stress. , 2013, , .		39