Luca Cerina

List of Publications by Year
in descending order

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16 papers	160 citations	1937685 4 h-index	1872680 6 g-index
16 all docs	16 docs citations	16 times ranked	219 citing authors

#	Article	IF	Citations
1	Relationships between heart-rate variability and pulse-rate variability obtained from video-PPG signal using ZCA. Physiological Measurement, 2016, 37, 1934-1944.	2.1	56
2	A fog-computing architecture for preventive healthcare and assisted living in smart ambients. , 2017, , .		50
3	Monitoring breathing rate by fusing the physiological impact of respiration on video-photoplethysmogram with head movements. Physiological Measurement, 2019, 40, 094002.	2.1	11
4	Influence of acquisition frame-rate and video compression techniques on pulse-rate variability estimation from vPPG signal. Biomedizinische Technik, 2017, 64, 53-65.	0.8	9
5	Development of a Deep-Learning Pipeline to Recognize and Characterize Macrophages in Colo-Rectal Liver Metastasis. Cancers, 2021, 13, 3313.	3.7	8
6	Respiratory Rate Detection Using a Camera as Contactless Sensor. , 0, , .		5
7	A hardware acceleration for surface EMG non-negative matrix factorization. , 2017, , .		4
8	Assessment of instantaneous cardiovascular dynamics from video plethysmography. , 2017, 2017, 1776-1779.		4
9	Robustness of Surface EMG Classifiers with Fixed-Point Decomposition on Reconfigurable Architecture. , 2018, , .		3
10	Analysis of Instantaneous Linear, Nonlinear and Complex Cardiovascular Dynamics from Videophotoplethysmography. Methods of Information in Medicine, 2018, 57, 135-140.	1.2	3
11	Analysis of physiological and non-contact signals to evaluate the emotional component in consumer preferences. PLoS ONE, 2022, 17, e0267429.	2.5	3
12	Identification of Atrial Fibrillation Episodes Using a Camera as Contactless Sensor. , 0, , .		2
13	BIE-PInCS: Brain injury evaluation with pupillometer based on infrared camera system. , 2017, , .		1
14	Analysis of physiological and non-contact signals for the assessment of emotional components in consumer preference. , 2020, , .		1
15	Reconfigurable embedded systems applications for versatile biomedical measurements. , 2017, , .		0
16	HUGenomics: A support to personalized medicine research. , 2017, , .		0