

# Joao Jorge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8963824/publications.pdf>

Version: 2024-02-01

18  
papers

653  
citations

932766

10  
h-index

1058022

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous non-contact vital sign monitoring in neonatal intensive care unit. Healthcare Technology Letters, 2014, 1, 87-91.	1.9	152
2	Non-contact measurement of oxygen saturation with an RGB camera. Biomedical Optics Express, 2015, 6, 3320.	1.5	125
3	Non-contact physiological monitoring of preterm infants in the Neonatal Intensive Care Unit. Npj Digital Medicine, 2019, 2, 128.	5.7	82
4	Multi-Task Convolutional Neural Network for Patient Detection and Skin Segmentation in Continuous Non-Contact Vital Sign Monitoring. , 2017, , .		48
5	Non-Contact Monitoring of Respiration in the Neonatal Intensive Care Unit. , 2017, , .		35
6	Cardio-respiratory signal extraction from video camera data for continuous non-contact vital sign monitoring using deep learning. Physiological Measurement, 2019, 40, 115001.	1.2	34
7	Pulse arrival time as a surrogate of blood pressure. Scientific Reports, 2021, 11, 22767.	1.6	34
8	Non-Contact Vital Sign Monitoring in the Clinic. , 2017, , .		25
9	Vital-sign circadian rhythms in patients prior to discharge from an ICU: a retrospective observational analysis of routinely recorded physiological data. Critical Care, 2020, 24, 181.	2.5	19
10	Non-contact physiological monitoring of post-operative patients in the intensive care unit. Npj Digital Medicine, 2022, 5, 4.	5.7	19
11	Non-contact vital-sign monitoring of patients undergoing haemodialysis treatment. Scientific Reports, 2020, 10, 18529.	1.6	18
12	Assessment of Signal Processing Methods for Measuring the Respiratory Rate in the Neonatal Intensive Care Unit. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2335-2346.	3.9	16
13	Day-to-day progression of vital-sign circadian rhythms in the intensive care unit. Critical Care, 2021, 25, 156.	2.5	12
14	Data fusion for improved camera-based detection of respiration in neonates. , 2018, , .		9
15	Non-Contact Assessment of Peripheral Artery Haemodynamics Using Infrared Video Thermography. IEEE Transactions on Biomedical Engineering, 2021, 68, 276-288.	2.5	8
16	New method to measure interbreath intervals in infants for the assessment of apnoea and respiration. BMJ Open Respiratory Research, 2021, 8, e001042.	1.2	6
17	Non-invasive stroke volume estimation by transthoracic electrical bioimpedance <i>versus</i> Doppler echocardiography in healthy volunteers. Journal of Medical Engineering and Technology, 2019, 43, 33-37.	0.8	5
18	Study protocol for an exploratory interventional study investigating the feasibility of video-based non-contact physiological monitoring in healthy volunteers by Mapping Of Lower Limb skin perfusion (MOLLIE). BMJ Open, 2020, 10, e036235.	0.8	3