Joao Jorge

List of Publications by Year
in descending order

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	Non-contact physiological monitoring of post-operative patients in the intensive care unit. Npj Digital Medicine, 2022, 5, 4.	5.7	19
2	Non-Contact Assessment of Peripheral Artery Haemodynamics Using Infrared Video Thermography. IEEE Transactions on Biomedical Engineering, 2021, 68, 276-288.	2.5	8
3	Day-to-day progression of vital-sign circadian rhythms in the intensive care unit. Critical Care, 2021, 25, 156.	2.5	12
4	Pulse arrival time as a surrogate of blood pressure. Scientific Reports, 2021, 11, 22767.	1.6	34
5	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
6	Non-contact vital-sign monitoring of patients undergoing haemodialysis treatment. Scientific Reports, 2020, 10, 18529.	1.6	18
7	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
8	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
9	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
10	Non-invasive stroke volume estimation by transthoracic electrical bioimpedance *versus* Doppler echocardiography in healthy volunteers. Journal of Medical Engineering and Technology, 2019, 43, 33-37.	0.8	5
11	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
12	Non-contact physiological monitoring of preterm infants in the Neonatal Intensive Care Unit. Npj Digital Medicine, 2019, 2, 128.	5.7	82
13	Data fusion for improved camera-based detection of respiration in neonates. , 2018, , .		9
14	Multi-Task Convolutional Neural Network for Patient Detection and Skin Segmentation in Continuous Non-Contact Vital Sign Monitoring. , 2017, , .		48
15	Non-Contact Vital Sign Monitoring in the Clinic. , 2017, , .		25
16	Non-Contact Monitoring of Respiration in the Neonatal Intensive Care Unit. , 2017, , .		35
17	Non-contact measurement of oxygen saturation with an RGB camera. Biomedical Optics Express, 2015, 6, 3320.	1.5	125
18	Continuous non‑contact vital sign monitoring in neonatal intensive care unit. Healthcare Technology Letters, 2014, 1, 87-91.	1.9	152