

Alexander Trumpp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/996129/publications.pdf>

Version: 2024-02-01

14
papers

245
citations

1163117

8
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of remote imaging photoplethysmography and cutaneous perfusion in volunteers. Scientific Reports, 2020, 10, 16464.	3.3	13
2	Contact-Free Optical Assessment of Changes in the Chest Wall Perfusion after Coronary Artery Bypass Grafting by Imaging Photoplethysmography. Applied Sciences (Switzerland), 2020, 10, 6537.	2.5	5
3	Remote Photoplethysmographic Assessment of the Peripheral Circulation in Critical Care Patients Recovering From Cardiac Surgery. Shock, 2019, 52, 174-182.	2.1	9
4	Camera-based photoplethysmography in an intraoperative setting. BioMedical Engineering OnLine, 2018, 17, 33.	2.7	25
5	Cardiovascular assessment by imaging photoplethysmography – a review. Biomedizinische Technik, 2018, 63, 617-634.	0.8	78
6	Spatio-temporal analysis of blood perfusion by imaging photoplethysmography. , 2018, , .		8
7	Assessment of blind source separation techniques for video-based cardiac pulse extraction. Journal of Biomedical Optics, 2017, 22, 035002.	2.6	24
8	Relation between pulse pressure and the pulsation strength in camera-based photoplethysmograms. Current Directions in Biomedical Engineering, 2017, 3, 489-492.	0.4	10
9	The value of polarization in camera-based photoplethysmography. Biomedical Optics Express, 2017, 8, 2822.	2.9	21
10	Skin Detection and Tracking for Camera-Based Photoplethysmography Using a Bayesian Classifier and Level Set Segmentation. Informatik Aktuell, 2017, , 43-48.	0.6	5
11	Vasomotor assessment by camera-based photoplethysmography. Current Directions in Biomedical Engineering, 2016, 2, 199-202.	0.4	20
12	Assessment of source separation techniques to extract vital parameters from videos. , 2015, , .		4
13	Improved heart rate detection for camera-based photoplethysmography by means of Kalman filtering. , 2015, , .		9
14	Heart beat detection and analysis from videos. , 2014, , .		14