

Christoph Brueser

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

446
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Beat-to-Beat Heart Rate Estimation in Ballistocardiograms. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 778-786.	3.2	163
2	Automatic Detection of Atrial Fibrillation in Cardiac Vibration Signals. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 162-171.	6.3	101
3	Multi-channel optical sensor-array for measuring ballistocardiograms and respiratory activity in bed. , 2012, 2012, 5042-5.		33
4	Beat-to-beat heart rate estimation fusing multimodal video and sensor data. Biomedical Optics Express, 2015, 6, 2895.	2.9	31
5	Unobtrusive Nocturnal Heartbeat Monitoring by a Ballistocardiographic Sensor in Patients with Sleep Disordered Breathing. Scientific Reports, 2017, 7, 13175.	3.3	31
6	Applying machine learning to detect individual heart beats in ballistocardiograms. , 2010, 2010, 1926-9.		27
7	Heartbeat Cycle Length Detection by a Ballistocardiographic Sensor in Atrial Fibrillation and Sinus Rhythm. BioMed Research International, 2015, 2015, 1-10.	1.9	22
8	How speech processing can help with beat-to-beat heart rate estimation in ballistocardiograms. , 2013, , .		18
9	Ballistocardiography Can Estimate Beat-to-Beat Heart Rate Accurately at Night in Patients After Vascular Intervention. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2230-2237.	6.3	18
10	On the Performance of Bed-Integrated Ballistocardiography in Long-Term Heart Rate Monitoring of Vascular Patients. , 0, , .		2