

# Sebastijan Sprager

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

350  
citations

9  
h-index

18  
g-index

18  
ext. papers

438  
ext. citations

4.7  
avg, IF

4.13  
L-index

#	Paper	IF	Citations
14	Hidden Markov Model-Based Smart Annotation for Benchmark Cyclic Activity Recognition Database Using Wearables. <i>Sensors</i> , <b>2019</b> , 19,	3.8	12
13	Robust Stride Segmentation of Inertial Signals Based on Local Cyclicity Estimation. <i>Sensors</i> , <b>2018</b> , 18,	3.8	8
12	Smart Annotation Tool for Multi-sensor Gait-based Daily Activity Data <b>2018</b> ,		2
11	Feasibility of biometric authentication using wearable ECG body sensor based on higher-order statistics <b>2017</b> ,		10
10	Cardiac arrhythmia alarm from optical interferometric signals during resting or sleeping for early intervention. <i>Biocybernetics and Biomedical Engineering</i> , <b>2016</b> , 36, 267-275	5.7	5
9	Inertial Sensor-Based Gait Recognition: A Review. <i>Sensors</i> , <b>2015</b> , 15, 22089-127	3.8	177
8	An Efficient HOS-Based Gait Authentication of Accelerometer Data. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 1486-1498	8	33
7	Optimization of heartbeat detection in fiber-optic unobtrusive measurements by using maximum a posteriori probability estimation. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 1161-8	7.2	10
6	Detection of heartbeat and respiration from optical interferometric signal by using wavelet transform. <i>Computer Methods and Programs in Biomedicine</i> , <b>2013</b> , 111, 41-51	6.9	27
5	Optimization of heartbeat detection based on clustering and multimethod approach. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 5-8	0.9	2
4	Detection of the first heart sound using fibre-optic interferometric measurements and neural networks <b>2012</b> ,		3
3	Heartbeat and respiration detection from optical interferometric signals by using a multimethod approach. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2012</b> , 59, 2922-9	5	37
2	Impact of different walking surfaces on gait identification based on higher-order statistics of accelerometer data <b>2011</b> ,		12
1	Monitoring of basic human vital functions using optical interferometer <b>2010</b> ,		9