

# Tero Hurnanen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5662044/publications.pdf>

Version: 2024-02-01

9  
papers

299  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atrial Fibrillation Detection via Accelerometer and Gyroscope of a Smartphone. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 108-118.	6.3	105
2	Mobile Phone Detection of Atrial Fibrillation With Mechanocardiography. Circulation, 2018, 137, 1524-1527.	1.6	49
3	Stand-Alone Heartbeat Detection in Multidimensional Mechanocardiograms. IEEE Sensors Journal, 2019, 19, 234-242.	4.7	40
4	Multiclass Classifier based Cardiovascular Condition Detection Using Smartphone Mechanocardiography. Scientific Reports, 2018, 8, 9344.	3.3	34
5	Comprehensive Analysis of Cardiogenic Vibrations for Automated Detection of Atrial Fibrillation Using Smartphone Mechanocardiograms. IEEE Sensors Journal, 2019, 19, 2230-2242.	4.7	22
6	Classification of Atrial Fibrillation and Acute Decompensated Heart Failure Using Smartphone Mechanocardiography: A Multilabel Learning Approach. IEEE Sensors Journal, 2020, 20, 7957-7968.	4.7	22
7	Reliability of Self-Applied Smartphone Mechanocardiography for Atrial Fibrillation Detection. IEEE Access, 2019, 7, 146801-146812.	4.2	11
8	Cardiac monitoring of dogs via smartphone mechanocardiography: a feasibility study. BioMedical Engineering OnLine, 2019, 18, 47.	2.7	8
9	Mechanocardiography in the Detection of Acute ST Elevation Myocardial Infarction: The MECHANO-STEMI Study. Sensors, 2022, 22, 4384.	3.8	8