

# Margot Deviaene

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5668771/publications.pdf>

Version: 2024-02-01

13  
papers

234  
citations

1478505

6  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative Study of ECG-derived Respiration in Ambulatory Monitoring using the Single-lead ECG. Scientific Reports, 2020, 10, 5704.	3.3	65
2	Automatic Screening of Sleep Apnea Patients Based on the SpO <sub>2</sub> Signal. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 607-617.	6.3	55
3	Detection and Classification of Sleep Apnea and Hypopnea Using PPG and SpO <sub>2</sub> Signals. IEEE Transactions on Biomedical Engineering, 2021, 68, 1496-1506.	4.2	39
4	Feature Selection Algorithm based on Random Forest applied to Sleep Apnea Detection. , 2019, 2019, 2580-2583.		15
5	Sleep Apnea Hypopnea Syndrome classification in SpO <sub>2</sub> signals using wavelet decomposition and phase space reconstruction. , 2017, , .		13
6	Autonomic Dysfunction Increases Cardiovascular Risk in the Presence of Sleep Apnea. Frontiers in Physiology, 2019, 10, 620.	2.8	13
7	Multilevel Interval Coded Scoring to Assess the Cardiovascular Status of Sleep Apnea Patients Using Oxygen Saturation Markers. IEEE Transactions on Biomedical Engineering, 2020, 67, 2839-2848.	4.2	9
8	Sleep Apnea Detection Using Pulse Photoplethysmography. , 0, , .		8
9	Capacitively-coupled ECG and respiration for the unobtrusive detection of sleep apnea. Physiological Measurement, 2021, 42, 024001.	2.1	7
10	Pulse Oximetry Markers for Cardiovascular Disease in Sleep Apnea. , 0, , .		4
11	Data Quality Assessment of Capacitively-coupled ECG Signals. , 0, , .		3
12	Evaluation of Methods to Characterize the Change of the Respiratory Sinus Arrhythmia with Age in Sleep Apnea Patients. , 2019, 2019, 1588-1591.		2
13	Sleep Monitoring in Adults Using Wearables and Unobtrusive Technology. , 2022, , 181-228.		1