

Margot Deviaene

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1478505

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1872680

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g-index

13
all docs

13
docs citations

13
times ranked

266
citing authors

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