Akseli Leino

List of Publications by Year
in descending order

14	333	933447	1058476
papers	citations	10	14
		h-index	g-index

15	15	15	314
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Enables Accurate Automatic Sleep Staging Based on Ambulatory Forehead EEG. IEEE Access, 2022, 10, 26554-26566.	4.2	11
2	Self-Applied Electrode Set Provides a Clinically Feasible Solution Enabling EEG Recording in Home Sleep Apnea Testing. IEEE Access, 2022, 10, 60633-60642.	4.2	3
3	Detailed Assessment of Sleep Architecture With Deep Learning and Shorter Epoch-to-Epoch Duration Reveals Sleep Fragmentation of Patients With Obstructive Sleep Apnea. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2567-2574.	6.3	16
4	Neural network analysis of nocturnal SpO2 signal enables easy screening of sleep apnea in patients with acute cerebrovascular disease. Sleep Medicine, 2021, 79, 71-78.	1.6	24
5	Automatic Respiratory Event Scoring in Obstructive Sleep Apnea Using a Long Short-Term Memory Neural Network. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2917-2927.	6.3	24
6	Power spectral densities of nocturnal pulse oximetry signals differ in OSA patients with and without daytime sleepiness. Sleep Medicine, 2020, 73, 231-237.	1.6	11
7	Estimating daytime sleepiness with previous night electroencephalography, electrooculography, and electromyography spectrograms in patients with suspected sleep apnea using a convolutional neural network. Sleep, 2020, 43, .	1.1	12
8	Effect of Sweating on Electrode-Skin Contact Impedances and Artifacts in EEG Recordings With Various Screen-Printed Ag/Agcl Electrodes. IEEE Access, 2020, 8, 50934-50943.	4.2	36
9	Severe desaturations increase psychomotor vigilance task-based median reaction time and number of lapses in obstructive sleep apnoea patients. European Respiratory Journal, 2020, 55, 1901849.	6.7	35
10	Acute stroke and TIA patients have specific polygraphic features of obstructive sleep apnea. Sleep and Breathing, 2020, 24, 1495-1505.	1.7	10
11	Deep learning enables sleep staging from photoplethysmogram for patients with suspected sleep apnea. Sleep, 2020, 43, .	1.1	73
12	Increased nocturnal arterial pulsation frequencies of obstructive sleep apnoea patients is associated with an increased number of lapses in a psychomotor vigilance task. ERJ Open Research, 2020, 6, 00277-2020.	2.6	4
13	Improved Sweat Artifact Tolerance of Screen-Printed EEG Electrodes by Material Selection-Comparison of Electrochemical Properties in Artificial Sweat. IEEE Access, 2019, 7, 133237-133247.	4.2	10
14	Accurate Deep Learning-Based Sleep Staging in a Clinical Population with Suspected Obstructive Sleep Apnea. IEEE Journal of Biomedical and Health Informatics, 2019, 24, 1-1.	6.3	64