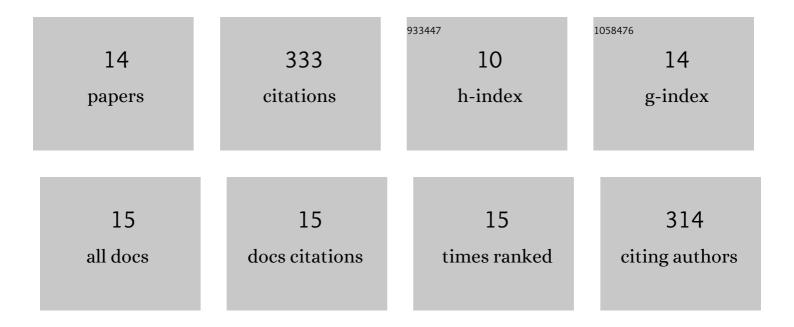
## Akseli Leino

List of Publications by Year in descending order

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AVCENTEINO

| #  | 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<br>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<br>Reveals Sleep Fragmentation of Patients With Obstructive Sleep Apnea. IEEE Journal of Biomedical and<br>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<br>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<br>Selection-Comparison of Electrochemical Properties in Artificial Sweat. IEEE Access, 2019, 7,<br>133237-133247.  | 4.2 | 10        |
| 14 | Accurate Deep Learning-Based Sleep Staging in a Clinical Population with Suspected Obstructive Sleep<br>Apnea. IEEE Journal of Biomedical and Health Informatics, 2019, 24, 1-1.   | 6.3 | 64        |