Julie Anja Engelhard Christensen

List of Publications by Year
in descending order

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36 papers	703 citations	623699 14 h-index	642715 23 g-index
36 all docs	36 docs citations	36 times ranked	766 citing authors

#	Article	IF	Citations
1	Video-polysomnography procedures for diagnosis of rapid eye movement sleep behavior disorder (RBD) and the identification of its prodromal stages: guidelines from the International RBD Study Group. Sleep, 2022, 45, .	1.1	64
2	A data-driven system to identify REM sleep behavior disorder and to predict its progression from the prodromal stage in Parkinson's disease. Sleep Medicine, 2021, 77, 238-248.	1.6	31
3	Nocturnal eye movements in patients with idiopathic rapid eye movement sleep behaviour disorder and patients with Parkinsonâ€™s disease. Journal of Sleep Research, 2021, 30, e13125.	3.2	4
4	Association of neurocognitive functioning with sleep stage dissociation and REM sleep instability in medicated patients with schizophrenia. Journal of Psychiatric Research, 2021, 136, 198-203.	3.1	3
5	Cortical arousal frequency is increased in narcolepsy type 1. Sleep, 2021, 44, .	1.1	9
6	Data-Driven Analysis of EEG Reveals Concomitant Superficial Sleep During Deep Sleep in Insomnia Disorder. Frontiers in Neuroscience, 2019, 13, 598.	2.8	22
7	External validation of a dataâ€driven algorithm for muscular activity identification during sleep. Journal of Sleep Research, 2019, 28, e12868.	3.2	14
8	Rapid eye movements are reduced in blind individuals. Journal of Sleep Research, 2019, 28, e12866.	3.2	10
9	A Clinically Applicable Interactive Micro and Macro-Sleep Staging Algorithm for Elderly and Patients with Neurodegeneration. , 2019, 2019, 3649-3652.		3
10	Validation of a new data-driven automated algorithm for muscular activity detection in REM sleep behavior disorder. Journal of Neuroscience Methods, 2019, 312, 53-64.	2.5	23
11	Automatic sleep classification using adaptive segmentation reveals an increased number of rapid eye movement sleep transitions. Journal of Sleep Research, 2019, 28, e12780.	3.2	12
12	Investigation of sleep spindle activity and morphology as predictors of neurocognitive functioning in medicated patients with schizophrenia. Journal of Sleep Research, 2019, 28, e12672.	3.2	13
13	A comparative study of methods for automatic detection of rapid eye movement abnormal muscular activity in narcolepsy. Sleep Medicine, 2018, 44, 97-105.	1.6	9
14	Preserved sleep microstructure in blind individuals. Sleep Medicine, 2018, 42, 21-30.	1.6	8
15	Comparison of computerized methods for rapid eye movement sleep without atonia detection. Sleep, 2018, 41, .	1.1	28
16	Novel method for evaluation of eye movements in patients with narcolepsy. Sleep Medicine, 2017, 33, 171-180.	1.6	11
17	Sleep spindle density in narcolepsy. Sleep Medicine, 2017, 34, 40-49.	1.6	9
18	Neurophysiological basis of rapid eye movement sleep behavior disorder: informing future drug development. Nature and Science of Sleep, 2016, 8, 107.	2.7	20

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19	Sleep-disordered breathing in Eisenmenger Syndrome. International Journal of Cardiology, 2016, 214, 23-24.	1.7	4
20	A Noise-Assisted Data Analysis Method for Automatic EOG-Based Sleep Stage Classification Using Ensemble Learning. , 2016, 2016, 3769-3772.		11
21	Sleep stability and transitions in patients with idiopathic REM sleep behavior disorder and patients with Parkinsonâ€™s disease. Clinical Neurophysiology, 2016, 127, 537-543.	1.5	37
22	Sleep spindle alterations in patients with Parkinson's disease. Frontiers in Human Neuroscience, 2015, 9, 233.	2.0	42
23	Sleep-stage transitions during polysomnographic recordings as diagnostic features of type 1 narcolepsy. Sleep Medicine, 2015, 16, 1558-1566.	1.6	54
24	The diagnostic value of power spectra analysis of the sleep electroencephalography in narcoleptic patients. Sleep Medicine, 2015, 16, 1516-1527.	1.6	19
25	Detection of K-complexes based on the wavelet transform. , 2014, 2014, 5450-3.		12
26	Automatic sleep classification using a data-driven topic model reveals latent sleep states. Journal of Neuroscience Methods, 2014, 235, 130-137.	2.5	39
27	Data-driven modeling of sleep EEG and EOG reveals characteristics indicative of pre-Parkinson's and Parkinson's disease. Journal of Neuroscience Methods, 2014, 235, 262-276.	2.5	36
28	Decreased sleep spindle density in patients with idiopathic REM sleep behavior disorder and patients with Parkinsonâ€™s disease. Clinical Neurophysiology, 2014, 125, 512-519.	1.5	75
29	Classification of iRBD and Parkinson's disease patients based on eye movements during sleep. , 2013, 2013, 441-4.		9
30	Classification of iRBD and Parkinson's patients using a general data-driven sleep staging model built on EEG. , 2013, 2013, 4275-8.		4
31	Detection of a sleep disorder predicting Parkinson's disease. , 2013, 2013, 5793-6.		18
32	SLEEP phenomena as an early biomarker for Parkinsonism. , 2013, 2013, 5773-6.		3
33	Automatic SLEEP staging: From young adusIts to elderly patients using multi-class support vector machine. , 2013, 2013, 5777-80.		10
34	Separation of Parkinson's patients in early and mature stages from control subjects using one EOG channel. , 2012, 2012, 2941-4.		7
35	Automatic detection of REM sleep in subjects without atonia. , 2012, 2012, 4242-5.		3
36	Validation of a novel automatic sleep spindle detector with high performance during sleep in middle aged subjects. , 2012, 2012, 4250-3.		27