

Preben Kidmose

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,910
citations

361413

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h-index

361022

35
g-index

62
all docs

62
docs citations

62
times ranked

1374
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep Monitoring Using Ear-Centered Setups: Investigating the Influence From Electrode Configurations. IEEE Transactions on Biomedical Engineering, 2022, 69, 1564-1572.	4.2	14
2	Chirp-Evoked Auditory Steady-State Response: The Effect of Repetition Rate. IEEE Transactions on Biomedical Engineering, 2022, 69, 689-699.	4.2	6
3	Ear-EEG for sleep assessment: a comparison with actigraphy and PSG. Sleep and Breathing, 2021, 25, 1693-1705.	1.7	17
4	EEGs Vary Less Between Lab and Home Locations Than They Do Between People. Frontiers in Computational Neuroscience, 2021, 15, 565244.	2.1	7
5	Droplet-Based Techniques for Printing of Functional Inks for Flexible Physical Sensors. Advanced Materials, 2021, 33, e2006792.	21.0	90
6	272 Long-term monitoring of trait-like characteristics of the sleep electroencephalogram using ear-EEG. Sleep, 2021, 44, A109-A109.	1.1	1
7	Investigation of low dimensional feature spaces for automatic sleep staging. Computer Methods and Programs in Biomedicine, 2021, 205, 106091.	4.7	10
8	Predicting Sleep Classification Performance without Labels. , 2020, 2020, 645-648.		4
9	Muscle Activity Detection during Sleep by Ear-EEG. , 2020, 2020, 1007-1010.		4
10	Detecting seizure patterns in patients with Alzheimer's disease using long-term EEG monitoring: A feasibility study. Alzheimer's and Dementia, 2020, 16, e042025.	0.8	0
11	Personalized automatic sleep staging with single-night data: a pilot study with Kullback-Leibler divergence regularization. Physiological Measurement, 2020, 41, 064004.	2.1	31
12	EEG Headset Evaluation for Detection of Single-Trial Movement Intention for Brain-Computer Interfaces. Sensors, 2020, 20, 2804.	3.8	15
13	Cortical Response to Fat Taste. Chemical Senses, 2020, 45, 283-291.	2.0	11
14	Evaluation of EEG Headset Mounting for Brain-Computer Interface-Based Stroke Rehabilitation by Patients, Therapists, and Relatives. Frontiers in Human Neuroscience, 2020, 14, 13.	2.0	20
15	EEG discrimination of perceptually similar tastes. Journal of Neuroscience Research, 2019, 97, 241-252.	2.9	36
16	Dry-Contact Electrode Ear-EEG. IEEE Transactions on Biomedical Engineering, 2019, 66, 150-158.	4.2	104
17	Discrimination of Sleep Spindles in Ear-EEG. , 2019, 2019, 6697-6700.		3
18	Automatic sleep stage classification based on subcutaneous EEG in patients with epilepsy. BioMedical Engineering Online, 2019, 18, 106.	2.7	24

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19	Ear-EEG Forward Models: Improved Head-Models for Ear-EEG. <i>Frontiers in Neuroscience</i> , 2019, 13, 943.	2.8	21
20	Accurate whole-night sleep monitoring with dry-contact ear-EEG. <i>Scientific Reports</i> , 2019, 9, 16824.	3.3	68
21	Editorial: Ear-Centered Sensing: From Sensing Principles to Research and Clinical Devices. <i>Frontiers in Neuroscience</i> , 2019, 13, 1437.	2.8	7
22	Ear-EEG-Based Objective Hearing Threshold Estimation Evaluated on Normal Hearing Subjects. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1026-1034.	4.2	36
23	Toward EEG-Assisted Hearing Aids: Objective Threshold Estimation Based on Ear-EEG in Subjects With Sensorineural Hearing Loss. <i>Trends in Hearing</i> , 2018, 22, 233121651881620.	1.3	16
24	Real-Life Dry-Contact Ear-EEG. , 2018, 2018, 5470-5474.		11
25	Detection of generalized tonic-clonic seizures from ear-EEG based on EMG analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 59, 54-59.	2.0	23
26	Ear-EEG detects ictal and interictal abnormalities in focal and generalized epilepsy – A comparison with scalp EEG monitoring. <i>Clinical Neurophysiology</i> , 2017, 128, 2454-2461.	1.5	67
27	High-density ear-EEG. , 2017, 2017, 2394-2397.		11
28	Automatic sleep staging using ear-EEG. <i>BioMedical Engineering OnLine</i> , 2017, 16, 111.	2.7	55
29	On the Keyhole Hypothesis: High Mutual Information between Ear and Scalp EEG. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 341.	2.0	24
30	Physiological artifacts in scalp EEG and ear-EEG. <i>BioMedical Engineering OnLine</i> , 2017, 16, 103.	2.7	48
31	Reference configurations for ear-EEG steady-state responses. , 2016, 2016, 5689-5692.		10
32	A wearable ear-EEG recording system based on dry-contact active electrodes. , 2016, , .		26
33	Case comparison of sleep features from ear-EEG and scalp-EEG. <i>Sleep Science</i> , 2016, 9, 69-72.	1.0	48
34	Automatic sleep stage classification using ear-EEG. , 2016, 2016, 4751-4754.		25
35	In-Ear EEG From Viscoelastic Generic Earpieces: Robust and Unobtrusive 24/7 Monitoring. <i>IEEE Sensors Journal</i> , 2016, 16, 271-277.	4.7	143
36	Developing an online steady-state visual evoked potential-based brain-computer interface system using EarEEG. , 2015, 2015, 2271-4.		11

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37	Study of impedance spectra for dry and wet EarEEG electrodes. , 2015, 2015, 3161-4.		18
38	EEG Recorded from the Ear: Characterizing the Ear-EEG Method. Frontiers in Neuroscience, 2015, 9, 438.	2.8	128
39	EarEEG based visual P300 Brain-Computer Interface. , 2015, , .		1
40	Co-Located Multimodal Sensing: A Next Generation Solution for Wearable Health. IEEE Sensors Journal, 2015, 15, 138-145.	4.7	23
41	A method for quantitative assessment of artifacts in EEG, and an empirical study of artifacts. , 2014, 2014, 1686-90.		10
42	Multimodal physiological sensor for motion artefact rejection. , 2014, 2014, 2753-6.		4
43	Subspace denoising of EEG artefacts via multivariate EMD. , 2014, , .		10
44	Velocity and Directionality of the Electrohyserographic Signal Propagation. PLoS ONE, 2014, 9, e86775.	2.5	33
45	Ear-EEG: Continuous Brain Monitoring. Springer Briefs in Electrical and Computer Engineering, 2014, , 63-71.	0.5	6
46	Ear-EEG from generic earpieces: A feasibility study. , 2013, 2013, 543-6.		21
47	A Study of Evoked Potentials From Ear-EEG. IEEE Transactions on Biomedical Engineering, 2013, 60, 2824-2830.	4.2	151
48	HEARING AID AND METHOD OF OPERATING A HEARING AID. Journal of the Acoustical Society of America, 2013, 134, 3107.	1.1	0
49	Auditory evoked responses from Ear-EEG recordings. , 2012, 2012, 586-9.		54
50	Multivariate entropy analysis with data-driven scales. , 2012, , .		7
51	The In-the-Ear Recording Concept: User-Centered and Wearable Brain Monitoring. IEEE Pulse, 2012, 3, 32-42.	0.3	192
52	HEARING AID AND A METHOD OF PROCESSING A SOUND SIGNAL IN A HEARING AID. Journal of the Acoustical Society of America, 2012, 132, 2777.	1.1	0
53	An adaptive algorithm for real-time electrode calibration. , 2011, 2011, 63-6.		0
54	Time-Frequency Analysis of EEG Asymmetry Using Bivariate Empirical Mode Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 366-373.	4.9	84

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55	An in-the-ear platform for recording electroencephalogram. , 2011, 2011, 6882-5.		53
56	Towards estimating selective auditory attention from EEG using a novel time-frequency-synchronisation framework. , 2010, , .		7
57	A Yabus-style experiment to determine auditory attention. , 2010, 2010, 4650-3.		4
58	Measuring phase synchrony using complex extensions of EMD. , 2009, , .		19
59	Qualitative assessment of intrinsic mode functions of empirical mode decomposition. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	2
60	Adaptive filtering for non-Gaussian processes. , 0, , .		5
61	Dynamic components of linear stable mixtures from fractional low order moments. , 0, , .		3