

Elisa Kallioniemi

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

533
citations

686830

13
h-index

794141

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46
all docs

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docs citations

46
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial photobiomodulation with 1064-nm laser modulates brain electroencephalogram rhythms. <i>NeuroPhotonics</i> , 2019, 6, 1.	1.7	40
2	Transcranial Photobiomodulation (tPBM) With 1,064-nm Laser to Improve Cerebral Metabolism of the Human Brain In Vivo. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 807-813.	1.1	34
3	Transcranial magnetic stimulation modulation of corticospinal excitability by targeting cortical I-waves with biphasic paired-pulses. <i>Brain Stimulation</i> , 2018, 11, 322-326.	0.7	31
4	On the estimation of silent period thresholds in transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2014, 125, 2247-2252.	0.7	30
5	Development of cortical motor circuits between childhood and adulthood: A navigated TMS-EEG study. <i>Human Brain Mapping</i> , 2017, 38, 2599-2615.	1.9	26
6	Oscillatory TMS-EEG-Responses as a Measure of the Cortical Excitability Threshold. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 383-391.	2.7	26
7	Onset Latency of Motor Evoked Potentials in Motor Cortical Mapping with Neuronavigated Transcranial Magnetic Stimulation. <i>The Open Neurology Journal</i> , 2015, 9, 62-69.	0.4	25
8	Association of the N100 TMS-evoked potential with attentional processes: A motor cortex TMS-EEG study. <i>Brain and Cognition</i> , 2018, 122, 9-16.	0.8	24
9	Alternative Stimulation Intensities for Mapping Cortical Motor Area with Navigated TMS. <i>Brain Topography</i> , 2016, 29, 395-404.	0.8	23
10	Heavy alcohol use in adolescence is associated with altered cortical activity: a combined TMS-EEG study. <i>Addiction Biology</i> , 2018, 23, 268-280.	1.4	21
11	Extent and Location of the Excitatory and Inhibitory Cortical Hand Representation Maps: A Navigated Transcranial Magnetic Stimulation Study. <i>Brain Topography</i> , 2015, 28, 657-665.	0.8	17
12	Effect of inter-train interval on the induction of repetition suppression of motor-evoked potentials using transcranial magnetic stimulation. <i>PLoS ONE</i> , 2017, 12, e0181663.	1.1	17
13	Minimum-Norm Estimation of Motor Representations in Navigated TMS Mappings. <i>Brain Topography</i> , 2017, 30, 711-722.	0.8	16
14	Spatial extent of cortical motor hotspot in navigated transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108893.	1.3	16
15	Repeatability of functional anisotropy in navigated transcranial magnetic stimulation coil-orientation versus response. <i>NeuroReport</i> , 2015, 26, 515-521.	0.6	14
16	Efficient Mapping of the Motor Cortex with Navigated Biphasic Paired-Pulse Transcranial Magnetic Stimulation. <i>Brain Topography</i> , 2018, 31, 963-971.	0.8	14
17	Maturation changes the excitability and effective connectivity of the frontal lobe: A developmental TMS-EEG study. <i>Human Brain Mapping</i> , 2019, 40, 2320-2335.	1.9	14
18	Identifying novel biomarkers with TMS-EEG Methodological possibilities and challenges. <i>Journal of Neuroscience Methods</i> , 2022, 377, 109631.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Principal Component Regression on Motor Evoked Potential in Single-Pulse Transcranial Magnetic Stimulation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1521-1528.	2.7	13
20	Magnetic seizure therapy: Towards personalized seizure therapy for major depression. <i>Personalized Medicine in Psychiatry</i> , 2019, 17-18, 37-42.	0.1	13
21	Functional and structural cortical characteristics after restricted focal motor cortical infarction evaluated at chronic stage – Indications from a preliminary study. <i>Clinical Neurophysiology</i> , 2016, 127, 2775-2784.	0.7	11
22	Localization of cortical primary motor area of the hand using navigated transcranial magnetic stimulation, BOLD and arterial spin labeling fMRI. <i>Journal of Neuroscience Methods</i> , 2016, 273, 138-148.	1.3	10
23	Functional and structural asymmetry in primary motor cortex in Asperger syndrome: a navigated TMS and imaging study. <i>Brain Topography</i> , 2019, 32, 504-518.	0.8	10
24	TMS-EEG responses across the lifespan: Measurement, methods for characterisation and identified responses. <i>Journal of Neuroscience Methods</i> , 2022, 366, 109430.	1.3	10
25	Functional neuronal anisotropy assessed with neuronavigated transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2015, 256, 82-90.	1.3	9
26	Feasibility of automated analysis and inter-examiner variability of cortical silent period induced by transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2013, 217, 75-81.	1.3	8
27	Repetition suppression in transcranial magnetic stimulation-induced motor-evoked potentials is modulated by cortical inhibition. <i>Neuroscience</i> , 2015, 310, 504-511.	1.1	7
28	Fast acquisition of resting motor threshold with a stimulus–response curve – Possibility or hazard for transcranial magnetic stimulation applications?. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 7-15.	0.6	7
29	Corticospinal excitability in idiopathic normal pressure hydrocephalus: a transcranial magnetic stimulation study. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 6.	2.4	6
30	Abnormal motor cortical adaptation to external stimulus in Unverricht-Lundborg disease (progressive myoclonus type 1, EPM1). <i>Journal of Neurophysiology</i> , 2018, 120, 617-623.	0.9	5
31	Modulation of motor cortical excitability with auditory stimulation. <i>Journal of Neurophysiology</i> , 2018, 120, 920-925.	0.9	4
32	Heavy drinking from adolescence to young adulthood is associated with an altered cerebellum. <i>Alcohol</i> , 2021, 92, 35-40.	0.8	4
33	Input–Output Characteristics of Late Corticospinal Silent Period Induced by Transcranial Magnetic Stimulation. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 346-351.	0.9	3
34	Confirmatory Efficacy and Safety Trial of Magnetic Seizure Therapy for Depression (CREST-MST): protocol for identification of novel biomarkers via neurophysiology. <i>Trials</i> , 2021, 22, 906.	0.7	3
35	Repeated Transcranial Magnetic Stimulation–Induced Motor Evoked Potentials Correlate With the Subject-Specific Serum Metabolic Profile of Creatine. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 229-235.	0.9	2
36	Repetition suppression in transcranial magnetic stimulation induced motor evoked potentials is impaired in schizophrenic patients. <i>Brain Stimulation</i> , 2017, 10, 415.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Cortical Inhibition of Face and Jaw Muscle Activity and Discomfort Induced by Repetitive and Paired-Pulse TMS During an Overt Object Naming Task. <i>Brain Topography</i> , 2019, 32, 418-434.	0.8	1
38	Cortical excitability measures from TMSâ€€EEG and TMSâ€€EMG â€“ two sides of the same story?. <i>Journal of Physiology</i> , 2021, 599, 2779-2780.	1.3	1
39	Use of Neuronavigated Transcranial Magnetic Stimulation and Diffusion Tensor Imaging to Avoid Motor Cortex Complications in Robotic Stereotactic Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E659.	0.4	0
40	Abnormal response to a high frequency TMS partly restores to a healthy level after rTMS treatment in Schizophrenic patients. <i>Brain Stimulation</i> , 2017, 10, 416-417.	0.7	0
41	T158. High-Dose Theta-Burst Transcranial Magnetic Stimulation Modulates Heart Rate Variability. <i>Biological Psychiatry</i> , 2018, 83, S189.	0.7	0