Pantelis Lioumis

List of Publications by Year
in descending order

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46	2,234	257357 24	276775 41
papers	citations	h-index	g-index

48	48	48	1831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical utility and prospective of TMSâ€“EEG. Clinical Neurophysiology, 2019, 130, 802-844.	0.7	276
2	A Comparison of Language Mapping by Preoperative Navigated Transcranial Magnetic Stimulation and Direct Cortical Stimulation During Awake Surgery. Neurosurgery, 2013, 72, 808-819.	0.6	271
3	Reproducibility of TMSâ€”Evoked EEG responses. Human Brain Mapping, 2009, 30, 1387-1396.	1.9	244
4	Protocol for motor and language mapping by navigated TMS in patients and healthy volunteers; workshop report. Acta Neurochirurgica, 2017, 159, 1187-1195.	0.9	165
5	A novel approach for documenting naming errors induced by navigated transcranial magnetic stimulation. Journal of Neuroscience Methods, 2012, 204, 349-354.	1.3	128
6	Language mapping in healthy volunteers and brain tumor patients with a novel navigated TMS system: Evidence of tumor-induced plasticity. Clinical Neurophysiology, 2014, 125, 526-536.	0.7	108
7	Reproducibility in TMSâ€“EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	0.7	106
8	Bilateral changes in excitability of sensorimotor cortices during unilateral movement: Combined electroencephalographic and transcranial magnetic stimulation study. Neuroscience, 2008, 152, 1119-1129.	1.1	68
9	Validation of head movement correction and spatiotemporal signal space separation in magnetoencephalography. Clinical Neurophysiology, 2012, 123, 2180-2191.	0.7	65
10	Combined use of non-invasive techniques for improved functional localization for a selected group of epilepsy surgery candidates. NeuroImage, 2009, 45, 342-348.	2.1	59
11	Association of Repetitive Transcranial Magnetic Stimulation Treatment With Subgenual Cingulate Hyperactivity in Patients With Major Depressive Disorder. JAMA Network Open, 2019, 2, e195578.	2.8	50
12	Applicability of nTMS in locating the motor cortical representation areas in patients with epilepsy. Acta Neurochirurgica, 2013, 155, 507-518.	0.9	48
13	Effects of navigated TMS on object and action naming. Frontiers in Human Neuroscience, 2014, 8, 660.	1.0	46
14	Long-Term Paired Associative Stimulation Enhances Motor Output of the Tetraplegic Hand. Journal of Neurotrauma, 2017, 34, 2668-2674.	1.7	43
15	Functional Plasticity of the Motor Cortical Structures Demonstrated by Navigated TMS in Two Patients with Epilepsy. Brain Stimulation, 2013, 6, 286-291.	0.7	42
16	Parallel input makes the brain run faster. NeuroImage, 2008, 40, 1792-1797.	2.1	40
17	Closed-loop optimization of transcranial magnetic stimulation with electroencephalography feedback. Brain Stimulation, 2022, 15, 523-531.	0.7	40
18	The use of F-response in defining interstimulus intervals appropriate for LTP-like plasticity induction in lower limb spinal paired associative stimulation. Journal of Neuroscience Methods, 2015, 242, 112-117.	1.3	39

#	Article	IF	Citations
19	Long-term paired associative stimulation can restore voluntary control over paralyzed muscles in incomplete chronic spinal cord injury patients. Spinal Cord Series and Cases, 2016, 2, 16016.	0.3	36
20	Long-lasting TMS motor threshold elevation in mild traumatic brain injury. Acta Neurologica Scandinavica, 2012, 126, 178-182.	1.0	34
21	Transcranial Magnetic Stimulation-Electroencephalography Responses in Recovered and Symptomatic Mild Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 1270-1277.	1.7	34
22	Combining rTMS With Intensive Language-Action Therapy in Chronic Aphasia: A Randomized Controlled Trial. Frontiers in Neuroscience, 2018, 12, 1036.	1.4	34
23	Paired Associative Stimulation with High-Frequency Peripheral Component Leads to Enhancement of Corticospinal Transmission at Wide Range of Interstimulus Intervals. Frontiers in Human Neuroscience, 2016, 10, 470.	1.0	33
24	Accelerometer-based automatic voice onset detection in speech mapping with navigated repetitive transcranial magnetic stimulation. Journal of Neuroscience Methods, 2015, 253, 70-77.	1.3	24
25	Language mapping with navigated transcranial magnetic stimulation in pediatric and adult patients undergoing epilepsy surgery: Comparison with extraoperative direct cortical stimulation. Epilepsia Open, 2018, 3, 224-235.	1.3	24
26	Pharmacological mechanisms of interhemispheric signal propagation: a TMS-EEG study. Neuropsychopharmacology, 2020, 45, 932-939.	2.8	22
27	A Randomized, Sham-Controlled Trial of Repetitive Transcranial Magnetic Stimulation Targeting M1 and S2 in Central Poststroke Pain: A Pilot Trial. Neuromodulation, 2022, 25, 538-548.	0.4	19
28	Single-Pulse Transcranial Magnetic Stimulation-Evoked Potential Amplitudes and Latencies in the Motor and Dorsolateral Prefrontal Cortex among Young, Older Healthy Participants, and Schizophrenia Patients. Journal of Personalized Medicine, 2021, 11, 54.	1.1	17
29	Cortical Excitability Measured with nTMS and MEG during Stroke Recovery. Neural Plasticity, 2015, 2015, 1-8.	1.0	15
30	A novel paired associative stimulation protocol with a highâ€frequency peripheral component: A review on results in spinal cord injury rehabilitation. European Journal of Neuroscience, 2021, 53, 3242-3257.	1.2	14
31	Dose-response of intermittent theta burst stimulation of the prefrontal cortex: A TMS-EEG study. Clinical Neurophysiology, 2022, 136, 158-172.	0.7	14
32	Neurophysiologic markers of primary motor cortex for laryngeal muscles and premotor cortex in caudal opercular part of inferior frontal gyrus investigated in motor speech disorder: a navigated transcranial magnetic stimulation (TMS) study. Cognitive Processing, 2016, 17, 429-442.	0.7	11
33	Probing Modifications of Cortical Excitability During Stroke Recovery With Navigated Transcranial Magnetic Stimulation. Topics in Stroke Rehabilitation, 2012, 19, 182-192.	1.0	10
34	Effect of stimulus orientation and intensity on short-interval intracortical inhibition (SICI) and facilitation (SICF): A multi-channel transcranial magnetic stimulation study. PLoS ONE, 2021, 16, e0257554.	1.1	9
35	Combined Transcranial Magnetic Stimulation and Electroencephalography of the Dorsolateral Prefrontal Cortex. Journal of Visualized Experiments, 2018, , .	0.2	8
36	The impact of TMS and PNS frequencies on MEP potentiation in PAS with high-frequency peripheral component. PLoS ONE, 2020, 15, e0233999.	1.1	7

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37	State-dependent TMS effects in the visual cortex after visual adaptation: a combined TMSâ€“EEG study. Clinical Neurophysiology, 2021, , .	0.7	7
38	Altered interhemispheric signal propagation in schizophrenia and depression. Clinical Neurophysiology, 2021, 132, 1604-1611.	0.7	5
39	Local brain-state dependency of effective connectivity: a pilot TMSâ€“EEG study. Open Research Europe, 0, 2, 45.	2.0	3
40	Localization of Sensorimotor Cortex Using Navigated Transcranial Magnetic Stimulation and Magnetoencephalography. Brain Topography, 2019, 32, 873-881.	0.8	2
41	Transcranial magnetic stimulation-evoked potentials after the stimulation of the right-hemispheric homologue of Brocaâ€™s area. NeuroReport, 2019, 30, 1110-1114.	0.6	1
42	A New Paired Associative Stimulation Protocol with High-Frequency Peripheral Component and High-Intensity 20 Hz Repetitive Transcranial Magnetic Stimulationâ€”A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 11224.	1.2	1
43	Navigated Transcranial Magnetic Stimulation in Planning Epilepsy Surgery. , 2019, , 67-74.		0
44	Non-invasive Central Neuromodulation with Transcranial Magnetic Stimulation. , 2020, , 205-222.		0
45	Stochastic resonance at early visual cortex during figure orientation discrimination using transcranial magnetic stimulation. Neuropsychologia, 2022, 168, 108174.	0.7	0
46	Local brain-state dependency of effective connectivity: a pilot TMSâ€“EEG study. Open Research Europe, 0, 2, 45.	2.0	0