

# Pantelis Lioumis

## List of Publications by Year in descending order

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46  
papers

2,234  
citations

257357

24  
h-index

276775

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1831  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized, Sham-Controlled Trial of Repetitive Transcranial Magnetic Stimulation Targeting M1 and S2 in Central Poststroke Pain: A Pilot Trial. <i>Neuromodulation</i> , 2022, 25, 538-548.	0.4	19
2	Dose-response of intermittent theta burst stimulation of the prefrontal cortex: A TMS-EEG study. <i>Clinical Neurophysiology</i> , 2022, 136, 158-172.	0.7	14
3	Stochastic resonance at early visual cortex during figure orientation discrimination using transcranial magnetic stimulation. <i>Neuropsychologia</i> , 2022, 168, 108174.	0.7	0
4	Closed-loop optimization of transcranial magnetic stimulation with electroencephalography feedback. <i>Brain Stimulation</i> , 2022, 15, 523-531.	0.7	40
5	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. <i>Journal of Personalized Medicine</i> , 2021, 11, 54.	1.1	17
6	A novel paired associative stimulation protocol with a high-frequency peripheral component: A review on results in spinal cord injury rehabilitation. <i>European Journal of Neuroscience</i> , 2021, 53, 3242-3257.	1.2	14
7	Altered interhemispheric signal propagation in schizophrenia and depression. <i>Clinical Neurophysiology</i> , 2021, 132, 1604-1611.	0.7	5
8	Effect of stimulus orientation and intensity on short-interval intracortical inhibition (SICI) and facilitation (SICF): A multi-channel transcranial magnetic stimulation study. <i>PLoS ONE</i> , 2021, 16, e0257554.	1.1	9
9	State-dependent TMS effects in the visual cortex after visual adaptation: a combined TMS-EEG study. <i>Clinical Neurophysiology</i> , 2021, , .	0.7	7
10	A New Paired Associative Stimulation Protocol with High-Frequency Peripheral Component and High-Intensity 20 Hz Repetitive Transcranial Magnetic Stimulation—A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11224.	1.2	1
11	Pharmacological mechanisms of interhemispheric signal propagation: a TMS-EEG study. <i>Neuropsychopharmacology</i> , 2020, 45, 932-939.	2.8	22
12	The impact of TMS and PNS frequencies on MEP potentiation in PAS with high-frequency peripheral component. <i>PLoS ONE</i> , 2020, 15, e0233999.	1.1	7
13	Non-invasive Central Neuromodulation with Transcranial Magnetic Stimulation. , 2020, , 205-222.		0
14	Reproducibility in TMS-EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , 2019, 12, 787-790.	0.7	106
15	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , 2019, 130, 802-844.	0.7	276
16	Association of Repetitive Transcranial Magnetic Stimulation Treatment With Subgenual Cingulate Hyperactivity in Patients With Major Depressive Disorder. <i>JAMA Network Open</i> , 2019, 2, e195578.	2.8	50
17	Localization of Sensorimotor Cortex Using Navigated Transcranial Magnetic Stimulation and Magnetoencephalography. <i>Brain Topography</i> , 2019, 32, 873-881.	0.8	2
18	Transcranial magnetic stimulation-evoked potentials after the stimulation of the right-hemispheric homologue of Broca's area. <i>NeuroReport</i> , 2019, 30, 1110-1114.	0.6	1

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19	Navigated Transcranial Magnetic Stimulation in Planning Epilepsy Surgery. , 2019, , 67-74.		0
20	Language mapping with navigated transcranial magnetic stimulation in pediatric and adult patients undergoing epilepsy surgery: Comparison with extraoperative direct cortical stimulation. <i>Epilepsia Open</i> , 2018, 3, 224-235.	1.3	24
21	Combined Transcranial Magnetic Stimulation and Electroencephalography of the Dorsolateral Prefrontal Cortex. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	8
22	Combining rTMS With Intensive Language-Action Therapy in Chronic Aphasia: A Randomized Controlled Trial. <i>Frontiers in Neuroscience</i> , 2018, 12, 1036.	1.4	34
23	Protocol for motor and language mapping by navigated TMS in patients and healthy volunteers; workshop report. <i>Acta Neurochirurgica</i> , 2017, 159, 1187-1195.	0.9	165
24	Long-Term Paired Associative Stimulation Enhances Motor Output of the Tetraplegic Hand. <i>Journal of Neurotrauma</i> , 2017, 34, 2668-2674.	1.7	43
25	Paired Associative Stimulation with High-Frequency Peripheral Component Leads to Enhancement of Corticospinal Transmission at Wide Range of Interstimulus Intervals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 470.	1.0	33
26	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. <i>Cognitive Processing</i> , 2016, 17, 429-442.	0.7	11
27	Long-term paired associative stimulation can restore voluntary control over paralyzed muscles in incomplete chronic spinal cord injury patients. <i>Spinal Cord Series and Cases</i> , 2016, 2, 16016.	0.3	36
28	Cortical Excitability Measured with nTMS and MEG during Stroke Recovery. <i>Neural Plasticity</i> , 2015, 2015, 1-8.	1.0	15
29	Accelerometer-based automatic voice onset detection in speech mapping with navigated repetitive transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2015, 253, 70-77.	1.3	24
30	The use of F-response in defining interstimulus intervals appropriate for LTP-like plasticity induction in lower limb spinal paired associative stimulation. <i>Journal of Neuroscience Methods</i> , 2015, 242, 112-117.	1.3	39
31	Effects of navigated TMS on object and action naming. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 660.	1.0	46
32	Language mapping in healthy volunteers and brain tumor patients with a novel navigated TMS system: Evidence of tumor-induced plasticity. <i>Clinical Neurophysiology</i> , 2014, 125, 526-536.	0.7	108
33	Applicability of nTMS in locating the motor cortical representation areas in patients with epilepsy. <i>Acta Neurochirurgica</i> , 2013, 155, 507-518.	0.9	48
34	Functional Plasticity of the Motor Cortical Structures Demonstrated by Navigated TMS in Two Patients with Epilepsy. <i>Brain Stimulation</i> , 2013, 6, 286-291.	0.7	42
35	A Comparison of Language Mapping by Preoperative Navigated Transcranial Magnetic Stimulation and Direct Cortical Stimulation During Awake Surgery. <i>Neurosurgery</i> , 2013, 72, 808-819.	0.6	271
36	Transcranial Magnetic Stimulation-Electroencephalography Responses in Recovered and Symptomatic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1270-1277.	1.7	34

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37	Probing Modifications of Cortical Excitability During Stroke Recovery With Navigated Transcranial Magnetic Stimulation. <i>Topics in Stroke Rehabilitation</i> , 2012, 19, 182-192.	1.0	10
38	Validation of head movement correction and spatiotemporal signal space separation in magnetoencephalography. <i>Clinical Neurophysiology</i> , 2012, 123, 2180-2191.	0.7	65
39	Long-lasting TMS motor threshold elevation in mild traumatic brain injury. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 178-182.	1.0	34
40	A novel approach for documenting naming errors induced by navigated transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2012, 204, 349-354.	1.3	128
41	Reproducibility of TMS- <sup>2</sup> Evoked EEG responses. <i>Human Brain Mapping</i> , 2009, 30, 1387-1396.	1.9	244
42	Combined use of non-invasive techniques for improved functional localization for a selected group of epilepsy surgery candidates. <i>NeuroImage</i> , 2009, 45, 342-348.	2.1	59
43	Bilateral changes in excitability of sensorimotor cortices during unilateral movement: Combined electroencephalographic and transcranial magnetic stimulation study. <i>Neuroscience</i> , 2008, 152, 1119-1129.	1.1	68
44	Parallel input makes the brain run faster. <i>NeuroImage</i> , 2008, 40, 1792-1797.	2.1	40
45	Local brain-state dependency of effective connectivity: a pilot TMS- <sup>2</sup> EEG study. <i>Open Research Europe</i> , 0, 2, 45.	2.0	0
46	Local brain-state dependency of effective connectivity: a pilot TMS- <sup>2</sup> EEG study. <i>Open Research Europe</i> , 0, 2, 45.	2.0	3