

Nivethida Thirugnanasambandam

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,327
citations

759233

12
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing language performance with non-invasive brain stimulationâ€”A transcranial direct current stimulation study in healthy humans. <i>Neuropsychologia</i> , 2008, 46, 261-268.	1.6	208
2	Brain-derived neurotrophic factor (BDNF) gene polymorphisms shape cortical plasticity in humans. <i>Brain Stimulation</i> , 2010, 3, 230-237.	1.6	208
3	Time course of the induction of homeostatic plasticity generated by repeated transcranial direct current stimulation of the human motor cortex. <i>Journal of Neurophysiology</i> , 2011, 105, 1141-1149.	1.8	202
4	Dose-Dependent Inverted U-Shaped Effect of Dopamine (D ₂ -Like) Receptor Activation on Focal and Nonfocal Plasticity in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 6124-6131.	3.6	189
5	Contribution of the Premotor Cortex to Consolidation of Motor Sequence Learning in Humans During Sleep. <i>Journal of Neurophysiology</i> , 2010, 104, 2603-2614.	1.8	85
6	Nicotinic Impact on Focal and Non-Focal Neuroplasticity Induced by Non-Invasive Brain Stimulation in Non-Smoking Humans. <i>Neuropsychopharmacology</i> , 2011, 36, 879-886.	5.4	78
7	Dose-Dependent Nonlinear Effect of L-DOPA on Paired Associative Stimulation-Induced Neuroplasticity in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 5294-5299.	3.6	75
8	Neuroplasticity in Cigarette Smokers Is Altered under Withdrawal and Partially Restituted by Nicotine Exposition. <i>Journal of Neuroscience</i> , 2012, 32, 4156-4162.	3.6	75
9	Isometric contraction interferes with transcranial direct current stimulation (tDCS) induced plasticity â€” evidence of state-dependent neuromodulation in human motor cortex. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 311-320.	0.7	72
10	Rapid Effect of Nicotine Intake on Neuroplasticity in Non-Smoking Humans. <i>Frontiers in Pharmacology</i> , 2012, 3, 186.	3.5	37
11	Intracortical Inhibition and Surround Inhibition in the Motor Cortex: A TMS-EEG Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 612.	2.8	25
12	Probing the interaction of the ipsilateral posterior parietal cortex with the premotor cortex using a novel transcranial magnetic stimulation technique. <i>Clinical Neurophysiology</i> , 2016, 127, 1475-1480.	1.5	12
13	Covert word reading induces a late response in the hand motor system of the language dominant hemisphere. <i>Neuroscience</i> , 2009, 161, 67-72.	2.3	11
14	Distinct interneuronal networks influence excitability of the surround during movement initiation. <i>Journal of Neurophysiology</i> , 2015, 114, 1102-1108.	1.8	11
15	Dynamic modulation of corticospinal excitability and short-latency afferent inhibition during onset and maintenance phase of selective finger movement. <i>Clinical Neurophysiology</i> , 2016, 127, 2343-2349.	1.5	8
16	Nicotinic Restoration of Excitatory Neuroplasticity Is Linked to Improved Implicit Motor Learning Skills in Deprived Smokers. <i>Frontiers in Neurology</i> , 2018, 9, 367.	2.4	7
17	Inducing LTD-Like Effect in the Human Motor Cortex with Low Frequency and Very Short Duration Paired Associative Stimulation: An Exploratory Study. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	2.2	5
18	Dissociable roles of preSMA in motor sequence chunking and hand switchingâ€”a TMS study. <i>Journal of Neurophysiology</i> , 2016, 116, 2637-2646.	1.8	5

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19	Parietal conditioning enhances motor surround inhibition. <i>Brain Stimulation</i> , 2020, 13, 447-449.	1.6	3
20	Task-specific interhemispheric hypoconnectivity in writerâ€™s cramp â€“ An EEG study. <i>Clinical Neurophysiology</i> , 2020, 131, 985-993.	1.5	3
21	Dual-hemispheric transcranial direct current stimulation (tDCS) over primary motor cortex does not affect movement selection. <i>PLoS ONE</i> , 2019, 14, e0226103.	2.5	2
22	Tapping the Potential of Multimodal Non-invasive Brain Stimulation to Elucidate the Pathophysiology of Movement Disorders. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 661396.	2.0	2
23	Supplementary motor area stimulation for Parkinson disease: A randomized controlled study. <i>Neurology</i> , 2013, 81, 1881-1882.	1.1	1
24	Failed Attempt With Paired Associative Stimulation to Separate Functional and Organic Dystonia. <i>Movement Disorders</i> , 2018, 33, 495-497.	3.9	1
25	Deriving mechanistic insights from machine learning and its possible implications in non-invasive brain stimulation research. <i>Brain Stimulation</i> , 2021, 14, 1035-1037.	1.6	1
26	Probing phase- and frequency-dependent characteristics of cortical interneurons using combined transcranial alternating current stimulation and transcranial magnetic stimulation. <i>Journal of Neurophysiology</i> , 2017, 117, 2085-2087.	1.8	0