

# Polarity and timing-dependent effects of transcranial d explicit motor learning

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Modulation of motor performance and motor learning by transcranial direct current stimulation. <i>Current Opinion in Neurology</i> , 2011, 24, 590-596.	1.8	228
2	The role of the right parietal lobe in the perception of causality: a tDCS study. <i>Experimental Brain Research</i> , 2011, 215, 315-325.	0.7	16
3	Enhanced locomotor adaptation aftereffect in the “broken escalator” phenomenon using anodal tDCS. <i>Journal of Neurophysiology</i> , 2012, 107, 2493-2505.	0.9	63
4	Dynamic modulation of intrinsic functional connectivity by transcranial direct current stimulation. <i>Journal of Neurophysiology</i> , 2012, 108, 3253-3263.	0.9	124
5	Enhancing Motor Skill Learning with Transcranial Direct Current Stimulation – A Concise Review with Applications to Stroke. <i>Frontiers in Psychiatry</i> , 2012, 3, 66.	1.3	64
6	Induction of visual dream reports after transcranial direct current stimulation (tDCs) during Stage 2 sleep. <i>Journal of Sleep Research</i> , 2012, 21, 369-379.	1.7	15
7	Primary motor and premotor cortex in implicit sequence learning – evidence for competition between implicit and explicit human motor memory systems. <i>European Journal of Neuroscience</i> , 2012, 36, 2710-2715.	1.2	121
8	Anodal tDCS to V1 blocks visual perceptual learning consolidation. <i>Neuropsychologia</i> , 2013, 51, 1234-1239.	0.7	62
9	Interventions for improving numerical abilities: Present and future. <i>Trends in Neuroscience and Education</i> , 2013, 2, 85-93.	1.5	76
10	Widespread Modulation of Cerebral Perfusion Induced during and after Transcranial Direct Current Stimulation Applied to the Left Dorsolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 11425-11431.	1.7	238
11	No effects of anodal transcranial direct stimulation on language abilities in early rehabilitation of post-stroke aphasic patients. <i>Neurologia i Neurochirurgia Polska</i> , 2013, 47, 414-422.	0.6	32
12	Toward a better dexterity: Direction for future studies. <i>Clinical Neurophysiology</i> , 2013, 124, 1488-1489.	0.7	0
13	Magnetoencephalographic evidence for the modulation of cortical swallowing processing by transcranial direct current stimulation. <i>NeuroImage</i> , 2013, 83, 346-354.	2.1	58
14	Effect of transcranial direct current stimulation (tDCS) during complex whole body motor skill learning. <i>Neuroscience Letters</i> , 2013, 552, 76-80.	1.0	38
15	Dual-tDCS Enhances Online Motor Skill Learning and Long-Term Retention in Chronic Stroke Patients. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 343.	1.0	118
16	Noninvasive transcranial direct current stimulation over the left prefrontal cortex facilitates cognitive flexibility in tool use. <i>Cognitive Neuroscience</i> , 2013, 4, 81-89.	0.6	179
17	Using transcranial electrical stimulation to enhance cognitive functions in the typical and atypical brain. <i>Translational Neuroscience</i> , 2013, 4, .	0.7	56
18	Site-Dependent Effects of tDCS Uncover Dissociations in the Communication Network Underlying the Processing of Visual Search. <i>Brain Stimulation</i> , 2013, 6, 959-965.	0.7	24

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19	Combined neurostimulation and neuroimaging in cognitive neuroscience: past, present, and future. <i>Annals of the New York Academy of Sciences</i> , 2013, 1296, 11-30.	1.8	94
20	Transcranial Direct Current Stimulation (tDCS) of Left Parietal Cortex Facilitates Gesture Processing in Healthy Subjects. <i>Journal of Neuroscience</i> , 2013, 33, 19205-19211.	1.7	27
21	Anodal Transcranial Direct Current Stimulation Transiently Improves Contrast Sensitivity and Normalizes Visual Cortex Activation in Individuals With Amblyopia. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 760-769.	1.4	86
22	Neuroenhancement of the aging brain: Restoring skill acquisition in old subjects. <i>Annals of Neurology</i> , 2013, 73, 10-15.	2.8	176
23	The effect of transcranial direct current stimulation on the motor suppression in stop-signal task. <i>NeuroRehabilitation</i> , 2013, 32, 191-196.	0.5	20
24	High-Frequency TRNS Reduces BOLD Activity during Visuomotor Learning. <i>PLoS ONE</i> , 2013, 8, e59669.	1.1	41
25	Transcranial Direct Current Stimulation in Sports Training: Potential Approaches. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 129.	1.0	37
26	Task-Specific Effect of Transcranial Direct Current Stimulation on Motor Learning. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 333.	1.0	132
27	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 131.	1.7	76
28	Differential behavioral and physiological effects of anodal transcranial direct current stimulation in healthy adults of younger and older age. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 146.	1.7	67
29	Learned EEG-based brain self-regulation of motor-related oscillations during application of transcranial electric brain stimulation: feasibility and limitations. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 93.	1.0	42
30	Is neural hyperpolarization by cathodal stimulation always detrimental at the behavioral level?. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 226.	1.0	68
31	Post-stroke balance rehabilitation under multi-level electrotherapy: a conceptual review. <i>Frontiers in Neuroscience</i> , 2014, 8, 403.	1.4	11
32	Bihemispheric Transcranial Direct Current Stimulation Enhances Effector-Independent Representations of Motor Synergy and Sequence Learning. <i>Journal of Neuroscience</i> , 2014, 34, 1037-1050.	1.7	134
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36	Effects of transcranial direct current stimulation in combination with motor practice on dexterous grasping and manipulation in healthy older adults. <i>Physiological Reports</i> , 2014, 2, e00255.	0.7	34

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38	The Physiological Basis of Brain Stimulation. , 2014, , 145-177.		12
39	Motor System. , 2014, , 207-235.		4
40	Effects of Brain Stimulation on Declarative and Procedural Memories. , 2014, , 237-263.		3
41	The role of inhibition in human motor cortical plasticity. <i>Neuroscience</i> , 2014, 278, 93-104.	1.1	53
42	“œIf two witches would watch two watches, which witch would watch which watch?” tDCS over the left frontal region modulates tongue twister repetition in healthy subjects. <i>Neuroscience</i> , 2014, 256, 195-200.	1.1	25
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51	Neuromodulation of parietal and motor activity affects motor planning and execution. <i>Cortex</i> , 2014, 57, 51-59.	1.1	42
52	Use of transcranial direct current stimulation (tDCS) to enhance cognitive training: effect of timing of stimulation. <i>Experimental Brain Research</i> , 2014, 232, 3345-3351.	0.7	203
53	Transcranial direct current stimulation over left and right DLPFC: Lateralized effects on planning performance and related eye movements. <i>Biological Psychology</i> , 2014, 102, 130-140.	1.1	29
54	Cerebellar direct current stimulation enhances motor learning in Åolder adults. <i>Neurobiology of Aging</i> , 2014, 35, 2217-2221.	1.5	135

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61	Non-Invasive Brain Stimulation: An Interventional Tool for Enhancing Behavioral Training after Stroke. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 265.	1.0	89
62	Combinations of stroke neurorehabilitation to facilitate motor recovery: perspectives on Hebbian plasticity and homeostatic metaplasticity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 349.	1.0	52
63	Polarity-specific transcranial direct current stimulation disrupts auditory pitch learning. <i>Frontiers in Neuroscience</i> , 2015, 9, 174.	1.4	25
64	Direct electric stimulation to increase cerebrovascular function. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 54.	1.2	20
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