

# Janine Reis

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

6,418  
citations

257450

24  
h-index

265206

42  
g-index

49  
all docs

49  
docs citations

49  
times ranked

6384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Current Stimulation Promotes BDNF-Dependent Synaptic Plasticity: Potential Implications for Motor Learning. <i>Neuron</i> , 2010, 66, 198-204.	8.1	1,177
2	Noninvasive cortical stimulation enhances motor skill acquisition over multiple days through an effect on consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1590-1595.	7.1	1,168
3	Safety of Transcranial Direct Current Stimulation: Evidence Based Update 2016. <i>Brain Stimulation</i> , 2016, 9, 641-661.	1.6	971
4	TMS and drugs revisited 2014. <i>Clinical Neurophysiology</i> , 2015, 126, 1847-1868.	1.5	498
5	Contribution of transcranial magnetic stimulation to the understanding of cortical mechanisms involved in motor control. <i>Journal of Physiology</i> , 2008, 586, 325-351.	2.9	480
6	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 589-603.	1.5	275
7	Modulation of motor performance and motor learning by transcranial direct current stimulation. <i>Current Opinion in Neurology</i> , 2011, 24, 590-596.	3.6	228
8	Consensus: Can transcranial direct current stimulation and transcranial magnetic stimulation enhance motor learning and memory formation?. <i>Brain Stimulation</i> , 2008, 1, 363-369.	1.6	225
9	Probing for hemispheric specialization for motor skill learning: a transcranial direct current stimulation study. <i>Journal of Neurophysiology</i> , 2011, 106, 652-661.	1.8	127
10	Time- but Not Sleep-Dependent Consolidation of tDCS-Enhanced Visuomotor Skills. <i>Cerebral Cortex</i> , 2015, 25, 109-117.	2.9	119
11	Cerebellar Direct Current Stimulation Enhances On-Line Motor Skill Acquisition through an Effect on Accuracy. <i>Journal of Neuroscience</i> , 2015, 35, 3285-3290.	3.6	114
12	Sleep recalibrates homeostatic and associative synaptic plasticity in the human cortex. <i>Nature Communications</i> , 2016, 7, 12455.	12.8	109
13	Topiramate Selectively Decreases Intracortical Excitability in Human Motor Cortex. <i>Epilepsia</i> , 2002, 43, 1149-1156.	5.1	85
14	Glia: A Neglected Player in Non-invasive Direct Current Brain Stimulation. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 188.	3.7	80
15	Effects of Different Electrical Brain Stimulation Protocols on Subcomponents of Motor Skill Learning. <i>Brain Stimulation</i> , 2014, 7, 532-540.	1.6	67
16	Excitability of the motor cortex during ovulatory and anovulatory cycles: a transcranial magnetic stimulation study. <i>Clinical Endocrinology</i> , 2007, 66, 387-393.	2.4	65
17	Modulation of Human Motor Cortex Excitability by Single Doses of Amantadine. <i>Neuropsychopharmacology</i> , 2006, 31, 2758-2766.	5.4	52
18	Levetiracetam influences human motor cortex excitability mainly by modulation of ion channel function—a TMS study. <i>Epilepsy Research</i> , 2004, 62, 41-51.	1.6	50

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19	State-Dependent Partial Occlusion of Cortical LTP-Like Plasticity in Major Depression. <i>Neuropsychopharmacology</i> , 2016, 41, 1521-1529.	5.4	49
20	Determination of serum amantadine by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2005, 359, 125-131.	1.1	45
21	GABA <sub>B</sub> -ergic motor cortex dysfunction in SSADH deficiency. <i>Neurology</i> , 2012, 79, 47-54.	1.1	43
22	Transcranial Direct Current Stimulation Enhances Motor Skill Learning but Not Generalization in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 295-308.	2.9	40
23	Direct current stimulation-induced synaptic plasticity in the sensorimotor cortex: structure follows function. <i>Brain Stimulation</i> , 2020, 13, 80-88.	1.6	30
24	Cyclical excitability of the motor cortex in patients with catamenial epilepsy: A transcranial magnetic stimulation study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006, 15, 653-657.	2.0	29
25	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.	2.2	29
26	Prevention of schizophrenia deficits via non-invasive adolescent frontal cortex stimulation in rats. <i>Molecular Psychiatry</i> , 2020, 25, 896-905.	7.9	28
27	High-frequency rTMS of the motor cortex does not influence the nociceptive flexion reflex but increases the unpleasantness of electrically induced pain. <i>Neuroscience Letters</i> , 2007, 415, 49-54.	2.1	26
28	Contribution of the Cholinergic System to Verbal Memory Performance in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 991-1001.	2.6	26
29	Pre-Trial EEG-Based Single-Trial Motor Performance Prediction to Enhance Neuroergonomics for a Hand Force Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 170.	2.0	23
30	Anodal Transcranial Direct Current Stimulation Enhances Survival and Integration of Dopaminergic Cell Transplants in a Rat Parkinson Model. <i>ENeuro</i> , 2017, 4, ENEURO.0063-17.2017.	1.9	22
31	Modulation of electrically induced pain by paired pulse transcranial magnetic stimulation of the medial frontal cortex. <i>Clinical Neurophysiology</i> , 2006, 117, 1814-1820.	1.5	21
32	LTP-like plasticity in the visual system and in the motor system appear related in young and healthy subjects. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 506.	2.0	21
33	No difference in paired associative stimulation induced cortical neuroplasticity between patients with mild cognitive impairment and elderly controls. <i>Clinical Neurophysiology</i> , 2016, 127, 1254-1260.	1.5	19
34	Electrified microglia: Impact of direct current stimulation on diverse properties of the most versatile brain cell. <i>Brain Stimulation</i> , 2021, 14, 1248-1258.	1.6	17
35	Resting-state brain network features associated with short-term skill learning ability in humans and the influence of N-methyl-D-aspartate receptor antagonism. <i>Network Neuroscience</i> , 2018, 2, 464-480.	2.6	14
36	Lack of differences of motorcortical excitability in the morning as compared to the evening in juvenile myoclonic epilepsy—A study using transcranial magnetic stimulation. <i>Epilepsy Research</i> , 2007, 74, 239-242.	1.6	11

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37	Response to letter to the editor: Safety of transcranial direct current stimulation: Evidence based update 2016. <i>Brain Stimulation</i> , 2017, 10, 986-987.	1.6	8
38	<i>Motor System.</i> , 2014, , 207-235.		4
39	Transcranial Electrical Brain Stimulation in Alert Rodents. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
40	Non-Invasive Electrical Brain Stimulation Montages for Modulation of Human Motor Function. <i>Journal of Visualized Experiments</i> , 2016, , e53367.	0.3	3
41	Transcranial Electrical Brain Stimulation. <i>Neurology International Open</i> , 2017, 01, E142-E147.	0.4	1
42	<i>Epilepsien.</i> , 2007, , 261-271.		1
43	Transcranial slow oscillatory stimulation drives consolidation of declarative memory by synchronization of the neocortex. <i>Future Neurology</i> , 2007, 2, 173-177.	0.5	0
44	O3-07-06: LTP-LIKE CORTICAL PLASTICITY IS ASSOCIATED WITH VERBAL LEARNING AND SLEEP QUALITY IN MILD COGNITIVE IMPAIRMENT. , 2014, 10, P223-P223.		0
45	Reply to "Motor cortex plasticity in subjects with mild cognitive impairment". <i>Clinical Neurophysiology</i> , 2016, 127, 2337-2338.	1.5	0
46	Manipulating Single-Trial Motor Performance in Chronic Stroke Patients by Closed-Loop Brain State Interaction. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1806-1816.	4.9	0