

Maryam Zoghi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Does anodal transcranial direct current stimulation modulate sensory perception and pain? A meta-analysis study. <i>Clinical Neurophysiology</i> , 2014, 125, 1847-1858.	1.5	117
2	Differential Modulation of Intracortical Inhibition in Human Motor Cortex during Selective Activation of an Intrinsic Hand Muscle. <i>Journal of Physiology</i> , 2003, 550, 933-946.	2.9	116
3	The effect of anodal transcranial direct current stimulation on motor sequence learning in healthy individuals: A systematic review and meta-analysis. <i>Brain and Cognition</i> , 2016, 102, 1-12.	1.8	114
4	Does transcranial electrical stimulation enhance corticospinal excitability of the motor cortex in healthy individuals? A systematic review and meta-analysis. <i>European Journal of Neuroscience</i> , 2017, 46, 1968-1990.	2.6	77
5	Different Current Intensities of Anodal Transcranial Direct Current Stimulation Do Not Differentially Modulate Motor Cortex Plasticity. <i>Neural Plasticity</i> , 2013, 2013, 1-9.	2.2	68
6	How Does Anodal Transcranial Direct Current Stimulation of the Pain Neuromatrix Affect Brain Excitability and Pain Perception? A Randomised, Double-Blind, Sham-Control Study. <i>PLoS ONE</i> , 2015, 10, e0118340.	2.5	68
7	Effects of training on upper limb function after cervical spinal cord injury: a systematic review. <i>Clinical Rehabilitation</i> , 2015, 29, 3-13.	2.2	65
8	The minimal number of TMS trials required for the reliable assessment of corticospinal excitability, short interval intracortical inhibition, and intracortical facilitation. <i>Neuroscience Letters</i> , 2018, 674, 94-100.	2.1	62
9	Multi-session anodal tDCS enhances the effects of postural training on balance and postural stability in older adults with high fall risk: Primary motor cortex versus cerebellar stimulation. <i>Brain Stimulation</i> , 2018, 11, 1239-1250.	1.6	60
10	Determination of anodal tDCS duration threshold for reversal of corticospinal excitability: An investigation for induction of counter-regulatory mechanisms. <i>Brain Stimulation</i> , 2020, 13, 832-839.	1.6	56
11	Anodal transcranial pulsed current stimulation: A novel technique to enhance corticospinal excitability. <i>Clinical Neurophysiology</i> , 2014, 125, 344-351.	1.5	52
12	Photo- and Magnetothermally Responsive Nanomaterials for Therapy, Controlled Drug Delivery and Imaging Applications. <i>ChemistrySelect</i> , 2020, 5, 12590-12609.	1.5	49
13	Biological and anatomical factors influencing interindividual variability to noninvasive brain stimulation of the primary motor cortex: a systematic review and meta-analysis. <i>Reviews in the Neurosciences</i> , 2018, 29, 199-222.	2.9	47
14	Progressive suppression of intracortical inhibition during graded isometric contraction of a hand muscle is not influenced by hand preference. <i>Experimental Brain Research</i> , 2007, 177, 266-274.	1.5	45
15	The effects of transcranial direct current stimulation on short-interval intracortical inhibition and intracortical facilitation: a systematic review and meta-analysis. <i>Reviews in the Neurosciences</i> , 2017, 29, 99-114.	2.9	43
16	The effect of transcranial magnetic stimulation test intensity on the amplitude, variability and reliability of motor evoked potentials. <i>Brain Research</i> , 2018, 1700, 190-198.	2.2	41
17	The Effects of Sex Hormonal Fluctuations during Menstrual Cycle on Cortical Excitability and Manual Dexterity (a Pilot Study). <i>PLoS ONE</i> , 2015, 10, e0136081.	2.5	41
18	A Meta-Analysis of Site-Specific Effects of Cathodal Transcranial Direct Current Stimulation on Sensory Perception and Pain. <i>PLoS ONE</i> , 2015, 10, e0123873.	2.5	39

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19	Online and offline effects of cerebellar transcranial direct current stimulation on motor learning in healthy older adults: a randomized double-blind sham-controlled study. <i>European Journal of Neuroscience</i> , 2017, 45, 1177-1185.	2.6	39
20	The effects of anodal-tDCS on corticospinal excitability enhancement and its after-effects: conventional vs. unihemispheric concurrent dual-site stimulation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 533.	2.0	38
21	Differential effects of cathodal transcranial direct current stimulation of prefrontal, motor and somatosensory cortices on cortical excitability and pain perception – a double-blind randomised sham-controlled study. <i>European Journal of Neuroscience</i> , 2015, 42, 2426-2437.	2.6	34
22	Anodal Transcranial Pulsed Current Stimulation: The Effects of Pulse Duration on Corticospinal Excitability. <i>PLoS ONE</i> , 2015, 10, e0131779.	2.5	31
23	The effects of cerebellar transcranial direct current stimulation on static and dynamic postural stability in older individuals: a randomized double-blind sham-controlled study. <i>European Journal of Neuroscience</i> , 2017, 46, 2875-2884.	2.6	31
24	Learning style preferences of Australian health science students. <i>Journal of Allied Health</i> , 2010, 39, 95-103.	0.2	30
25	How different priming stimulations affect the corticospinal excitability induced by noninvasive brain stimulation techniques: a systematic review and meta-analysis. <i>Reviews in the Neurosciences</i> , 2018, 29, 883-899.	2.9	28
26	Are learning style preferences of health science students predictive of their attitudes towards e-learning?. <i>Australasian Journal of Educational Technology</i> , 2009, 25, .	3.5	28
27	Focal transcranial magnetic stimulation of motor cortex evokes bilateral and symmetrical silent periods in human masseter muscles. <i>Clinical Neurophysiology</i> , 2008, 119, 693-703.	1.5	26
28	The Effect of Altering Knee Position and Squat Depth on VMO:VL EMG Ratio During Squat Exercises. <i>Physiotherapy Research International</i> , 2016, 21, 164-173.	1.5	25
29	Cluster analysis and subgrouping to investigate inter-individual variability to non-invasive brain stimulation: a systematic review. <i>Reviews in the Neurosciences</i> , 2018, 29, 675-697.	2.9	25
30	Sham transcranial electrical stimulation and its effects on corticospinal excitability: a systematic review and meta-analysis. <i>Reviews in the Neurosciences</i> , 2018, 29, 223-232.	2.9	25
31	Determination of anodal tDCS intensity threshold for reversal of corticospinal excitability: an investigation for induction of counter-regulatory mechanisms. <i>Scientific Reports</i> , 2020, 10, 16108.	3.3	25
32	The Effect of Transcranial Direct Current Stimulation on Chronic Neuropathic Pain in Patients with Multiple Sclerosis: Randomized Controlled Trial. <i>Pain Medicine</i> , 2020, 21, 3451-3457.	1.9	25
33	Inter-pulse Interval Affects the Size of Single-pulse TMS-induced Motor Evoked Potentials: A Reliability Study. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 44-51.	0.6	25
34	The comparative effects of unilateral and bilateral transcranial direct current stimulation on motor learning and motor performance: A systematic review of literature and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 8-14.	1.5	24
35	Concurrent postural training and M1 anodal transcranial direct current stimulation improve postural impairment in patients with chronic low back pain. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 224-234.	1.5	23
36	Reliability of Motor Evoked Potentials Induced by Transcranial Magnetic Stimulation: The Effects of Initial Motor Evoked Potentials Removal. <i>Basic and Clinical Neuroscience</i> , 2017, 8, 43-50.	0.6	21

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37	Comparing the effects of multi-session anodal transcranial direct current stimulation of primary motor and dorsolateral prefrontal cortices on fatigue and quality of life in patients with multiple sclerosis: a double-blind, randomized, sham-controlled trial. <i>Clinical Rehabilitation</i> , 2020, 34, 1103-1111.	2.2	20
38	Transcranial Direct Current Stimulation Reduces the Negative Impact of Mental Fatigue on Swimming Performance. <i>Journal of Motor Behavior</i> , 2022, 54, 327-336.	0.9	20
39	The Onset and Frequency of Spasticity After First Ever Stroke. <i>Journal of the National Medical Association</i> , 2018, 110, 547-552.	0.8	19
40	Longer Transcranial Magnetic Stimulation Intertrial Interval Increases Size, Reduces Variability, and Improves the Reliability of Motor Evoked Potentials. <i>Brain Connectivity</i> , 2019, 9, 770-776.	1.7	18
41	Cathodal transcranial direct current stimulation for treatment of drug-resistant temporal lobe epilepsy: A pilot randomized controlled trial. <i>Epilepsia Open</i> , 2016, 1, 130-135.	2.4	17
42	Comparison of Rossini's "Rothwell and adaptive threshold" hunting methods on the stability of TMS induced motor evoked potentials amplitudes. <i>Journal of Neuroscience Research</i> , 2018, 96, 1758-1765.	2.9	15
43	The effects of transcranial direct current stimulation on corticospinal and cortico-cortical excitability and response variability: Conventional versus high-definition montages. <i>Neuroscience Research</i> , 2021, 166, 12-25.	1.9	15
44	A Checklist to Reduce Response Variability in Studies Using Transcranial Magnetic Stimulation for Assessment of Corticospinal Excitability: A Systematic Review of the Literature. <i>Brain Connectivity</i> , 2020, 10, 53-71.	1.7	14
45	Non-invasive brain stimulation for enhancement of corticospinal excitability and motor performance. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 257-65.	0.6	14
46	Mechanosensitivity of the median nerve in patients with chronic carpal tunnel syndrome. <i>Journal of Bodywork and Movement Therapies</i> , 2013, 17, 157-164.	1.2	12
47	Unihemispheric concurrent dual-site cathodal transcranial direct current stimulation: the effects on corticospinal excitability. <i>European Journal of Neuroscience</i> , 2016, 43, 1161-1172.	2.6	12
48	Single-Session Anodal tDCS with Small-Size Stimulating Electrodes Over Frontoparietal Superficial Sites Does Not Affect Motor Sequence Learning. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 153.	2.0	12
49	The combined effect of cranial-nerve non-invasive neuromodulation with high-intensity physiotherapy on gait and balance in a patient with cerebellar degeneration: a case report. <i>Cerebellum and Ataxias</i> , 2018, 5, 6.	1.9	12
50	Acoustic effects of metal vapor lasers. <i>Applied Optics</i> , 2009, 48, 3460.	2.1	11
51	Goos's "HÄnchen and Imbert's "Fedorov shifts in a two-dimensional array of gold nanoparticles. <i>Journal of Nanophotonics</i> , 2018, 12, 1.	1.0	11
52	The Effects of Cathodal Transcranial Direct Current Stimulation in a Patient with Drug-Resistant Temporal Lobe Epilepsy (Case Study). <i>Brain Stimulation</i> , 2016, 9, 790-792.	1.6	10
53	Development and Validation of a Miniature Programmable tDCS Device. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2016, 24, 192-198.	4.9	10
54	Crossover design in transcranial direct current stimulation studies on motor learning: potential pitfalls and difficulties in interpretation of findings. <i>Reviews in the Neurosciences</i> , 2018, 29, 463-473.	2.9	10

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55	Does cerebellar non-invasive brain stimulation affect corticospinal excitability in healthy individuals? A systematic review of literature and meta-analysis. <i>Neuroscience Letters</i> , 2019, 706, 128-139.	2.1	10
56	The effects of trans-cranial direct current stimulation intervention on fear: A systematic review of literature. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 7-13.	1.5	8
57	Does M1 anodal transcranial direct current stimulation affects online and offline motor learning in patients with multiple sclerosis?. <i>Neurological Sciences</i> , 2020, 41, 2539-2546.	1.9	8
58	Can genetic polymorphisms predict response variability to anodal transcranial direct current stimulation of the primary motor cortex?. <i>European Journal of Neuroscience</i> , 2021, 53, 1569-1591.	2.6	8
59	Does anodal trans-cranial direct current stimulation of the damaged primary motor cortex affects wrist flexor muscle spasticity and also activity of the wrist flexor and extensor muscles in patients with stroke?: a Randomized Clinical Trial. <i>Neurological Sciences</i> , 2021, 42, 2763-2773.	1.9	7
60	Accuracy of an electromagnetic tracking device for measuring hip joint kinematics during gait: effects of metallic total hip replacement prosthesis, source-sensor distance and sensor orientation. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2005, 28, 184-189.	1.3	6
61	Goosâ€ˆHanchen shift in a metasurface of coreâ€ˆshell nanoparticles. <i>Optics Communications</i> , 2020, 475, 126265.	2.1	6
62	The effects of a singleâ€ˆsession cathodal transcranial pulsed current stimulation on corticospinal excitability: A randomized shamâ€ˆcontrolled doubleâ€ˆblinded study. <i>European Journal of Neuroscience</i> , 2020, 52, 4908-4922.	2.6	6
63	The Effect of a Single Session of Non-Invasive Brain Stimulation on Balance in Healthy Individuals: A Systematic Review and Best Evidence Synthesis. <i>Brain Connectivity</i> , 2021, 11, 695-716.	1.7	6
64	A Brain Motor Control Assessment (BMCA) Protocol for Upper Limb Function. <i>PLoS ONE</i> , 2013, 8, e79483.	2.5	5
65	Genetic Polymorphisms Do Not Predict Interindividual Variability to Cathodal Transcranial Direct Current Stimulation of the Primary Motor Cortex. <i>Brain Connectivity</i> , 2021, 11, 56-72.	1.7	5
66	Brain motor control assessment of upper limb function in patients with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 162-174.	1.4	4
67	Effects of High Voltage Electro-auriculotherapy on Experimental Pain Threshold. <i>Physiotherapy</i> , 2002, 88, 658-666.	0.4	3
68	Predictors of attitudes to eâ€ˆlearning of Australian health care students. <i>Journal of Applied Research in Higher Education</i> , 2010, 2, 60-76.	1.9	3
69	What are the Acute Effects of Aerobic Exercise on Fractionated Response Time: A Systematic Review and Meta-analysis. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 97-112.	1.0	3
70	The Effect of Transcranial Pulsed Current Stimulation at 4 and 75â€ˆ%Hz on Electroencephalography Theta and High Gamma Band Power: A Pilot Study. <i>Brain Connectivity</i> , 2020, 10, 520-531.	1.7	3
71	Stroke Patients Showed Improvements in Balance in Response to Visual Restriction Exercise. <i>Physical Therapy Research</i> , 2021, 24, 211-217.	0.9	3
72	The Effects of Unihemispheric Concurrent Dual-Site Transcranial Direct Current Stimulation on Motor Sequence Learning in Healthy Individuals: A Randomized, Clinical Trial. <i>Iranian Red Crescent Medical Journal</i> , 2018, 20, .	0.5	3

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73	The Effects of Monophasic Anodal Transcranial Pulsed Current Stimulation on Corticospinal Excitability and Motor Performance in Healthy Young Adults: A Randomized Double-Blinded Sham-Controlled Study. <i>Brain Connectivity</i> , 2022, 12, 260-274.	1.7	3
74	Brain Motor Control Assessment Post Early Intensive Hand Rehabilitation After Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2018, 24, 157-166.	1.8	2
75	Test-retest reliability of subjective supra-threshold scaling of multiple pressure-pain sensations among healthy individuals: a study using hydraulic pressure algometry. <i>Somatosensory & Motor Research</i> , 2018, 35, 153-161.	0.9	2
76	Case Report of a Syncope Episode in a Healthy Male Adult Participant During Single-Pulse Transcranial Magnetic Stimulation. <i>Journal of ECT</i> , 2019, 35, e11-e12.	0.6	2
77	Noncommutative Dp-Brane in General Background Fields. <i>Brazilian Journal of Physics</i> , 2014, 44, 102-107.	1.4	1
78	Open string in the presence of the pp-wave, linear dilaton, and Kalb-Ramond backgrounds. <i>Journal of Experimental and Theoretical Physics</i> , 2014, 119, 70-74.	0.9	1
79	The effects of inter-trial interval on implicit learning of sequential visual isometric pinch task. <i>Journal of Bodywork and Movement Therapies</i> , 2017, 21, 626-632.	1.2	1
80	EMG-triggered stimulation post spinal cord injury: A case report. <i>Physiotherapy Theory and Practice</i> , 2018, 34, 309-315.	1.3	1
81	Reflection shifts in a graphene-coated dielectric-metal composite of non-spherical particles. <i>Optics Communications</i> , 2019, 451, 160-167.	2.1	1
82	Intracortical Circuits in the Contralesional Primary Motor Cortex in Patients With Chronic Stroke After Botulinum Toxin Type A Injection: Case Studies. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 342.	2.0	1
83	Letter to the editor: Reducing seizure frequency in patients with refractory epilepsy with cathodal transcranial direct current stimulation. <i>Brain Stimulation</i> , 2021, 14, 1091-1092.	1.6	1
84	The Effect of Transcranial Pulsed Current Stimulation on Resting-State Functional Connectivity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
85	Significant Reduction in the Size of Motor-Evoked Potentials After Transient Paraesthesia During Transcranial Magnetic Stimulation Measurements in a Young Healthy Male Adult. <i>Journal of ECT</i> , 2019, 35, 215-215.	0.6	0
86	Response to a comment on postural stability improvement in older adults with high fall risk after anodal tDCS on primary motor cortex versus cerebellar stimulation. <i>Brain Stimulation</i> , 2019, 12, 369-370.	1.6	0
87	The Effects of Therapeutic Magnetic Stimulation Waveform on the Amplitude of Motor Evoked Potentials: A Single- and Paired-Pulse Therapeutic Magnetic Stimulation Reliability and Variability Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
88	Significant Reduction in the Size of Motor-Evoked Potentials After Transient Paraesthesia During Transcranial Magnetic Stimulation Measurements in a Young Healthy Male Adult. <i>Journal of ECT</i> , 2019, 35, 1.	0.6	0
89	Case Report of a Syncope Episode in a Healthy Male Adult Participant During Single-Pulse Transcranial Magnetic Stimulation. <i>Journal of ECT</i> , 2018, 35, 1.	0.6	0