Felipe Fregni

List of Publications by Year
in descending order

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Version: 2024-02-01

594 papers	48,501 citations	1614 105 h-index	2571 195 g-index
617 all docs	617 docs citations	617 times ranked	24285 citing authors

#	Article	IF	Citations
1	Transcranial direct current stimulation: State of the art 2008. Brain Stimulation, 2008, 1, 206-223.	1.6	2,538
2	THE PLASTIC HUMAN BRAIN CORTEX. Annual Review of Neuroscience, 2005, 28, 377-401.	10.7	1,452
3	Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions. Brain Stimulation, 2012, 5, 175-195.	1.6	1,122
4	Anodal transcranial direct current stimulation of prefrontal cortex enhances working memory. Experimental Brain Research, 2005, 166, 23-30.	1.5	1,000
5	A technical guide to tDCS, and related non-invasive brain stimulation tools. Clinical Neurophysiology, 2016, 127, 1031-1048.	1.5	998
6	Safety of Transcranial Direct Current Stimulation: Evidence Based Update 2016. Brain Stimulation, 2016, 9, 641-661.	1.6	971
7	A systematic review on reporting and assessment of adverse effects associated with transcranial direct current stimulation. International Journal of Neuropsychopharmacology, 2011, 14, 1133-1145.	2.1	892
8	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. Clinical Neurophysiology, 2017, 128, 1774-1809.	1.5	783
9	A systematic review and meta-analysis of clinical studies on major depression and BDNF levels: implications for the role of neuroplasticity in depression. International Journal of Neuropsychopharmacology, 2008, 11, 1169-1180.	2.1	781
10	Technology Insight: noninvasive brain stimulation in neurologyâ€”perspectives on the therapeutic potential of rTMS and tDCS. Nature Clinical Practice Neurology, 2007, 3, 383-393.	2.5	681
11	A sham-controlled, phase II trial of transcranial direct current stimulation for the treatment of central pain in traumatic spinal cord injury. Pain, 2006, 122, 197-209.	4.2	608
12	Effects of transcranial direct current stimulation on working memory in patients with Parkinson's disease. Journal of the Neurological Sciences, 2006, 249, 31-38.	0.6	551
13	Transcranial direct current stimulation of the unaffected hemisphere in stroke patients. NeuroReport, 2005, 16, 1551-1555.	1.2	549
14	Improved picture naming in chronic aphasia after TMS to part of right Broca?s area: An open-protocol study. Brain and Language, 2005, 93, 95-105.	1.6	533
15	Transcranial direct current stimulation: A computer-based human model study. NeuroImage, 2007, 35, 1113-1124.	4.2	502
16	The Sertraline vs Electrical Current Therapy for Treating Depression Clinical Study. JAMA Psychiatry, 2013, 70, 383.	11.0	489
17	A randomized, sham-controlled, proof of principle study of transcranial direct current stimulation for the treatment of pain in fibromyalgia. Arthritis and Rheumatism, 2006, 54, 3988-3998.	6.7	486
18	A Sham-Controlled Trial of a 5-Day Course of Repetitive Transcranial Magnetic Stimulation of the Unaffected Hemisphere in Stroke Patients. Stroke, 2006, 37, 2115-2122.	2.0	462

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19	A randomized, double-blind clinical trial on the efficacy of cortical direct current stimulation for the treatment of major depression. International Journal of Neuropsychopharmacology, 2008, 11, 249-254.	2.1	442
20	Diminishing Risk-Taking Behavior by Modulating Activity in the Prefrontal Cortex: A Direct Current Stimulation Study. Journal of Neuroscience, 2007, 27, 12500-12505.	3.6	414
21	Treatment of major depression with transcranial direct current stimulation. Bipolar Disorders, 2006, 8, 203-204.	1.9	405
22	Treatment of depression with transcranial direct current stimulation (tDCS): A Review. Experimental Neurology, 2009, 219, 14-19.	4.1	402
23	Noninvasive cortical stimulation with transcranial direct current stimulation in Parkinson's disease. Movement Disorders, 2006, 21, 1693-1702.	3.9	363
24	Repeated sessions of noninvasive brain DC stimulation is associated with motor function improvement in stroke patients. Restorative Neurology and Neuroscience, 2007, 25, 123-9.	0.7	357
25	Activation of Prefrontal Cortex by Transcranial Direct Current Stimulation Reduces Appetite for Risk during Ambiguous Decision Making. Journal of Neuroscience, 2007, 27, 6212-6218.	3.6	350
26	Prefrontal cortex modulation using transcranial DC stimulation reduces alcohol craving: A double-blind, sham-controlled study. Drug and Alcohol Dependence, 2008, 92, 55-60.	3.2	313
27	Using non-invasive brain stimulation to augment motor training-induced plasticity. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 8.	4.6	301
28	Transcranial direct current stimulation for acute major depressive episodes: Meta-analysis of individual patient data. British Journal of Psychiatry, 2016, 208, 522-531.	2.8	300
29	Enhancement of non-dominant hand motor function by anodal transcranial direct current stimulation. Neuroscience Letters, 2006, 404, 232-236.	2.1	285
30	Noninvasive Brain Stimulation with Low-Intensity Electrical Currents: Putative Mechanisms of Action for Direct and Alternating Current Stimulation. Neuroscientist, 2010, 16, 285-307.	3.5	285
31	Trial of Electrical Direct-Current Therapy versus Escitalopram for Depression. New England Journal of Medicine, 2017, 376, 2523-2533.	27.0	284
32	Neurophysiological and Behavioral Effects of tDCS Combined With Constraint-Induced Movement Therapy in Poststroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 819-829.	2.9	277
33	Evidence-Based Guidelines and Secondary Meta-Analysis for the Use of Transcranial Direct Current Stimulation in Neurological and Psychiatric Disorders. International Journal of Neuropsychopharmacology, 2021, 24, 256-313.	2.1	277
34	Cortical Stimulation of the Prefrontal Cortex With Transcranial Direct Current Stimulation Reduces Cue-Provoked Smoking Craving. Journal of Clinical Psychiatry, 2008, 69, 32-40.	2.2	272
35	Impaired motor facilitation during action observation in individuals with autism spectrum disorder. Current Biology, 2005, 15, R84-R85.	3.9	271
36	Recent advances in the treatment of chronic pain with non-invasive brain stimulation techniques. Lancet Neurology, The, 2007, 6, 188-191.	10.2	261

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37	Effectiveness of transcranial direct current stimulation and visual illusion on neuropathic pain in spinal cord injury. Brain, 2010, 133, 2565-2577.	7.6	258
38	Impact of nervous system hyperalgesia on pain, disability, and quality of life in patients with knee osteoarthritis: A controlled analysis. Arthritis and Rheumatism, 2008, 59, 1424-1431.	6.7	257
39	tDCSâ€Induced Analgesia and Electrical Fields in Painâ€Related Neural Networks in Chronic Migraine. Headache, 2012, 52, 1283-1295.	3.9	253
40	Transcranial direct current stimulation of the prefrontal cortex modulates the desire for specific foods. Appetite, 2008, 51, 34-41.	3.7	252
41	The Efficacy of Web-Based Cognitive Behavioral Interventions for Chronic Pain: A Systematic Review and Meta-Analysis. Journal of Pain, 2010, 11, 917-929.	1.4	249
42	A Controlled Clinical Trial of Cathodal DC Polarization in Patients with Refractory Epilepsy. Epilepsia, 2006, 47, 335-342.	5.1	247
43	Prolonged visual memory enhancement after direct current stimulation in Alzheimer's disease. Brain Stimulation, 2012, 5, 223-230.	1.6	245
44	Has repetitive transcranial magnetic stimulation (rTMS) treatment for depression improved? A systematic review and metaâ€analysis comparing the recent vs. the earlier rTMS studies. Acta Psychiatrica Scandinavica, 2007, 116, 165-173.	4.5	233
45	Modulatory effects of anodal transcranial direct current stimulation on perception and pain thresholds in healthy volunteers. European Journal of Neurology, 2008, 15, 1124-1130.	3.3	230
46	Meta-analysis of the effects of repetitive transcranial magnetic stimulation (rTMS) on negative and positive symptoms in schizophrenia. Schizophrenia Research, 2009, 108, 11-24.	2.0	226
47	Motor cortex stimulation for chronic pain. Neurology, 2008, 70, 2329-2337.	1.1	221
48	A randomized clinical trial of repetitive transcranial magnetic stimulation in patients with refractory epilepsy. Annals of Neurology, 2006, 60, 447-455.	5.3	219
49	Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. Brain Stimulation, 2008, 1, 326-336.	1.6	218
50	Cognitive effects of repeated sessions of transcranial direct current stimulation in patients with depression. Depression and Anxiety, 2006, 23, 482-484.	4.1	215
51	The Uncertain Outcome of Prefrontal tDCS. Brain Stimulation, 2014, 7, 773-783.	1.6	212
52	Go-no-go task performance improvement after anodal transcranial DC stimulation of the left dorsolateral prefrontal cortex in major depression. Journal of Affective Disorders, 2007, 101, 91-98.	4.1	208
53	Modulation of emotions associated with images of human pain using anodal transcranial direct current stimulation (tDCS). Neuropsychologia, 2009, 47, 212-217.	1.6	208
54	Transcranial direct current stimulation for major depression: an updated systematic review and meta-analysis. International Journal of Neuropsychopharmacology, 2014, 17, 1443-1452.	2.1	208

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55	Regulatory considerations for the clinical and research use of transcranial direct current stimulation (tDCS): Review and recommendations from an expert panel. Clinical Research and Regulatory Affairs, 2015, 32, 22-35.	2.1	208
56	Effect of repetitive TMS and fluoxetine on cognitive function in patients with Parkinson's disease and concurrent depression. Movement Disorders, 2005, 20, 1178-1184.	3.9	205
57	Electrode Positioning and Montage in Transcranial Direct Current Stimulation. Journal of Visualized Experiments, 2011, , .	0.3	205
58	Neurobiological Effects of Transcranial Direct Current Stimulation: A Review. Frontiers in Psychiatry, 2012, 3, 110.	2.6	202
59	Transient tinnitus suppression induced by repetitive transcranial magnetic stimulation and transcranial direct current stimulation. European Journal of Neurology, 2006, 13, 996-1001.	3.3	198
60	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. Neuroscience and Biobehavioral Reviews, 2019, 104, 118-140.	6.1	198
61	Predictors of antidepressant response in clinical trials of transcranial magnetic stimulation. International Journal of Neuropsychopharmacology, 2006, 9, 641.	2.1	196
62	Transcranial magnetic stimulation accelerates the antidepressant effect of amitriptyline in severe depression: A double-blind placebo-controlled study. Biological Psychiatry, 2005, 57, 162-166.	1.3	189
63	Transcranial direct current stimulation in patients with skull defects and skull plates: High-resolution computational FEM study of factors altering cortical current flow. NeuroImage, 2010, 52, 1268-1278.	4.2	186
64	Classification of methods in transcranial Electrical Stimulation (tES) and evolving strategy from historical approaches to contemporary innovations. Journal of Neuroscience Methods, 2013, 219, 297-311.	2.5	186
65	Modulation of risk-taking in marijuana users by transcranial direct current stimulation (tDCS) of the dorsolateral prefrontal cortex (DLPFC). Drug and Alcohol Dependence, 2010, 112, 220-225.	3.2	177
66	Cerebellar Transcranial Direct Current Stimulation (ctDCS). Neuroscientist, 2016, 22, 83-97.	3.5	177
67	Transcranial Magnetic Stimulation as a Complementary Treatment for Aphasia. Seminars in Speech and Language, 2004, 25, 181-191.	0.8	174
68	Focusing Effect of Acetylcholine on Neuroplasticity in the Human Motor Cortex. Journal of Neuroscience, 2007, 27, 14442-14447.	3.6	170
69	Improved naming after TMS treatments in a chronic, global aphasia patient â€“ case report. Neurocase, 2005, 11, 182-193.	0.6	166
70	Focal Modulation of the Primary Motor Cortex in Fibromyalgia Using 4Ã—1-Ring High-Definition Transcranial Direct Current Stimulation (HD-tDCS): Immediate and Delayed Analgesic Effects of Cathodal and Anodal Stimulation. Journal of Pain, 2013, 14, 371-383.	1.4	166
71	Noninvasive Brain Stimulation With High-Frequency and Low-Intensity Repetitive Transcranial Magnetic Stimulation Treatment for Posttraumatic Stress Disorder. Journal of Clinical Psychiatry, 2010, 71, 992-999.	2.2	162
72	Overt naming fMRI pre- and post-TMS: Two nonfluent aphasia patients, with and without improved naming post-TMS. Brain and Language, 2009, 111, 20-35.	1.6	158

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73	Cumulative priming effects of cortical stimulation on smoking cue-induced craving. Neuroscience Letters, 2009, 463, 82-86.	2.1	158
74	The use of repetitive transcranial magnetic stimulation (rTMS) and transcranial direct current stimulation (tDCS) to relieve pain. Brain Stimulation, 2008, 1, 337-344.	1.6	157
75	Cross-Cultural Adaptation and Validation of the Brazilian Portuguese Version of the Pain Catastrophizing Scale. Pain Medicine, 2012, 13, 1425-1435.	1.9	156
76	Modulation of smoking and decision-making behaviors with transcranial direct current stimulation in tobacco smokers: A preliminary study. Drug and Alcohol Dependence, 2014, 140, 78-84.	3.2	156
77	A randomized controlled trial of targeted prefrontal cortex modulation with tDCS in patients with alcohol dependence. International Journal of Neuropsychopharmacology, 2014, 17, 1793-1803.	2.1	150
78	Placebo Response of Non-Pharmacological and Pharmacological Trials in Major Depression: A Systematic Review and Meta-Analysis. PLoS ONE, 2009, 4, e4824.	2.5	148
79	Effects of tDCS on executive function in Parkinson's disease. Neuroscience Letters, 2014, 582, 27-31.	2.1	146
80	Behavioral effects of transcranial Direct Current Stimulation (tDCS) induced dorsolateral prefrontal cortex plasticity in alcohol dependence. Journal of Physiology (Paris), 2013, 107, 493-502.	2.1	144
81	Transcranial DC Stimulation in Fibromyalgia: Optimized Cortical Target Supported by High-Resolution Computational Models. Journal of Pain, 2011, 12, 610-617.	1.4	143
82	Modulation of decisionâ€making in a gambling task in older adults with transcranial direct current stimulation. European Journal of Neuroscience, 2010, 31, 593-597.	2.6	142
83	Defective Endogenous Pain Modulation in Fibromyalgia: A Meta-Analysis of Temporal Summation and Conditioned Pain Modulation Paradigms. Journal of Pain, 2018, 19, 819-836.	1.4	142
84	Technique and Considerations in the Use of 4x1 Ring High-definition Transcranial Direct Current Stimulation (HD-tDCS). Journal of Visualized Experiments, 2013, , e50309.	0.3	141
85	rTMS over the intraparietal sulcus disrupts numerosity processing. Experimental Brain Research, 2007, 179, 631-642.	1.5	133
86	Very low levels of education and cognitive reserve. Neurology, 2013, 81, 650-657.	1.1	133
87	Controversy: Noninvasive and invasive cortical stimulation show efficacy in treating stroke patients. Brain Stimulation, 2008, 1, 370-382.	1.6	131
88	Siteâ€specific Effects of Transcranial Direct Current Stimulation on Sleep and Pain in Fibromyalgia: A Randomized, Shamâ€controlled Study. Pain Practice, 2007, 7, 297-306.	1.9	130
89	Interactions between transcranial direct current stimulation (tDCS) and pharmacological interventions in the Major Depressive Episode: Findings from a naturalistic study. European Psychiatry, 2013, 28, 356-361.	0.2	130
90	A Systematic Review on the Acceptability and Tolerability of Transcranial Direct Current Stimulation Treatment in Neuropsychiatry Trials. Brain Stimulation, 2016, 9, 671-681.	1.6	128

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91	Transcranial direct current stimulation modulates ERP-indexed inhibitory control and reduces food consumption. Appetite, 2014, 83, 42-48.	3.7	127
92	TMS suppression of right pars triangularis, but not pars opercularis, improves naming in aphasia. Brain and Language, 2011, 119, 206-213.	1.6	125
93	Interhemispheric Modulation Induced by Cortical Stimulation and Motor Training. Physical Therapy, 2010, 90, 398-410.	2.4	124
94	Noninvasive Brain Stimulation for Parkinsonâ€™s Disease and Dystonia. Neurotherapeutics, 2008, 5, 345-361.	4.4	121
95	Systematic Review of Parameters of Stimulation, Clinical Trial Design Characteristics, and Motor Outcomes in Non-Invasive Brain Stimulation in Stroke. Frontiers in Psychiatry, 2012, 3, 88.	2.6	121
96	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. NeuroImage, 2006, 30, 588-600.	4.2	118
97	Heart rate variability is a trait marker of major depressive disorder: evidence from the sertraline vs. electric current therapy to treat depression clinical study. International Journal of Neuropsychopharmacology, 2013, 16, 1937-1949.	2.1	118
98	Imaging correlates of motor recovery from cerebral infarction and their physiological significance in well-recovered patients. NeuroImage, 2007, 34, 253-263.	4.2	117
99	Transcranial direct stimulation and fluoxetine for the treatment of depression. European Psychiatry, 2008, 23, 74-76.	0.2	117
100	Acute working memory improvement after tDCS in antidepressant-free patients with major depressive disorder. Neuroscience Letters, 2013, 537, 60-64.	2.1	116
101	Motor and parietal cortex stimulation for phantom limb pain and sensations. Pain, 2013, 154, 1274-1280.	4.2	116
102	Polarity- and valence-dependent effects of prefrontal transcranial direct current stimulation on heart rate variability and salivary cortisol. Psychoneuroendocrinology, 2013, 38, 58-66.	2.7	115
103	Brain polarization of parietal cortex augments training-induced improvement of visual exploratory and attentional skills. Brain Research, 2010, 1349, 76-89.	2.2	113
104	Randomized Sham-Controlled Trial of Navigated Repetitive Transcranial Magnetic Stimulation for Motor Recovery in Stroke. Stroke, 2018, 49, 2138-2146.	2.0	113
105	Updates on the use of non-invasive brain stimulation in physical and rehabilitation medicine. Journal of Rehabilitation Medicine, 2009, 41, 305-311.	1.1	112
106	Transcranial direct current stimulation for the treatment of major depressive disorder: A summary of preclinical, clinical and translational findings. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 39, 9-16.	4.8	112
107	Transcranial Direct Current Stimulation Combined with Aerobic Exercise to Optimize Analgesic Responses in Fibromyalgia: A Randomized Placebo-Controlled Clinical Trial. Frontiers in Human Neuroscience, 2016, 10, 68.	2.0	112
108	Transcranial magnetic stimulation and stroke: A computer-based human model study. NeuroImage, 2006, 30, 857-870.	4.2	111

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109	Clinically Effective Treatment of Fibromyalgia Pain With High-Definition Transcranial Direct Current Stimulation: Phase II Open-Label Dose Optimization. Journal of Pain, 2016, 17, 14-26.	1.4	111
110	State dependent effect of transcranial direct current stimulation (tDCS) on methamphetamine craving. International Journal of Neuropsychopharmacology, 2014, 17, 1591-1598.	2.1	108
111	Transcranial Direct Current Stimulation in Epilepsy. Brain Stimulation, 2015, 8, 455-464.	1.6	107
112	A Randomized Placebo-Controlled Trial of Targeted Prefrontal Cortex Modulation with Bilateral tDCS in Patients with Crack-Cocaine Dependence. International Journal of Neuropsychopharmacology, 2015, 18, pyv066.	2.1	106
113	After-effects of transcranial direct current stimulation (tDCS) on cortical spreading depression. Neuroscience Letters, 2006, 398, 85-90.	2.1	105
114	Effects of a Non-focal Plasticity Protocol on Apathy in Moderate Alzheimer's Disease: A Randomized, Double-blind, Sham-controlled Trial. Brain Stimulation, 2014, 7, 308-313.	1.6	105
115	Depression in Parkinson's disease: Convergence from voxel-based morphometry and functional magnetic resonance imaging in the limbic thalamus. NeuroImage, 2009, 47, 467-472.	4.2	104
116	Enhancement of selective attention by tDCS: Interaction with interference in a Sternberg task. Neuroscience Letters, 2012, 512, 33-37.	2.1	104
117	Cumulative effects of transcranial direct current stimulation on EEG oscillations and attention/working memory during subacute neurorehabilitation of traumatic brain injury. Clinical Neurophysiology, 2015, 126, 486-496.	1.5	104
118	Male and Female Physician Suicidality. JAMA Psychiatry, 2020, 77, 587.	11.0	103
119	Improving Cycling Performance: Transcranial Direct Current Stimulation Increases Time to Exhaustion in Cycling. PLoS ONE, 2015, 10, e0144916.	2.5	101
120	Transcranial DC Stimulation Coupled With TENS for the Treatment of Chronic Pain. Clinical Journal of Pain, 2009, 25, 691-695.	1.9	100
121	High-Resolution Modeling Assisted Design of Customized and Individualized Transcranial Direct Current Stimulation Protocols. Neuromodulation, 2012, 15, 306-315.	0.8	99
122	Top down prefrontal affective modulation of tinnitus with multiple sessions of tDCS of dorsolateral prefrontal cortex. Brain Stimulation, 2012, 5, 492-498.	1.6	97
123	A systematic review and meta-analysis on placebo response to repetitive transcranial magnetic stimulation for depression trials. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 105-113.	4.8	97
124	Immediate and Late Modulation of Interhemipheric Imbalance With Bilateral Transcranial Direct Current Stimulation in Acute Stroke. Brain Stimulation, 2014, 7, 841-848.	1.6	96
125	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 99, 109836.	4.8	96
126	Efficacy of anodal transcranial direct current stimulation (tDCS) for the treatment of fibromyalgia: results of a randomized, sham-controlled longitudinal clinical trial. Journal of Pain Management (discontinued), 2009, 2, 353-361.	0.7	95

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127	Auditory event-related potentials (P3) and cognitive changes induced by frontal direct current stimulation in alcoholics according to Lesch alcoholism typology. International Journal of Neuropsychopharmacology, 2012, 15, 601-616.	2.1	94
128	New Insights Into Neuromodulatory Approaches for the Treatment of Pain. Journal of Pain, 2008, 9, 193-199.	1.4	93
129	A preliminary study of transcranial direct current stimulation for the treatment of refractory chronic pelvic pain. Brain Stimulation, 2009, 2, 103-107.	1.6	93
130	Randomized controlled trial of home-based 4-week tDCS in chronic minimally conscious state. Brain Stimulation, 2018, 11, 982-990.	1.6	93
131	Temporal Lobe Cortical Electrical Stimulation during the Encoding and Retrieval Phase Reduces False Memories. PLoS ONE, 2009, 4, e4959.	2.5	91
132	Hand Function Improvement with Low-Frequency Repetitive Transcranial Magnetic Stimulation of the Unaffected Hemisphere in a Severe Case of Stroke. American Journal of Physical Medicine and Rehabilitation, 2006, 85, 927-930.	1.4	90
133	Noninvasive Brain Stimulation to Modulate Neuroplasticity in Traumatic Brain Injury. Neuromodulation, 2012, 15, 326-338.	0.8	90
134	Cranial electrotherapy stimulation and transcranial pulsed current stimulation: A computer based high-resolution modeling study. NeuroImage, 2013, 65, 280-287.	4.2	90
135	Non-invasive brain stimulation to assess and modulate neuroplasticity in Alzheimer's disease. Neuropsychological Rehabilitation, 2011, 21, 703-716.	1.6	89
136	Immediate Effects of tDCS on the Î¼-Opioid System of a Chronic Pain Patient. Frontiers in Psychiatry, 2012, 3, 93.	2.6	89
137	Challenges and Recommendations for Placebo Controls in Randomized Trials in Physical and Rehabilitation Medicine. American Journal of Physical Medicine and Rehabilitation, 2010, 89, 160-172.	1.4	88
138	Effects of Motor Cortex Modulation and Descending Inhibitory Systems on Pain Thresholds in Healthy Subjects. Journal of Pain, 2012, 13, 450-458.	1.4	87
139	Head-to-Head Comparison of Transcranial Random Noise Stimulation, Transcranial AC Stimulation, and Transcranial DC Stimulation for Tinnitus. Frontiers in Psychiatry, 2013, 4, 158.	2.6	87
140	Transcutaneous vagus and trigeminal nerve stimulation for neuropsychiatric disorders: a systematic review. Arquivos De Neuro-Psiquiatria, 2014, 72, 542-547.	0.8	87
141	Low and high frequency repetitive transcranial magnetic stimulation for the treatment of spasticity. Developmental Medicine and Child Neurology, 2007, 49, 534-538.	2.1	85
142	Visual memory improved by non-invasive brain stimulation. Brain Research, 2010, 1353, 168-175.	2.2	84
143	Transcranial direct current stimulation (tDCS) and robotic practice in chronic stroke: The dimension of timing. NeuroRehabilitation, 2013, 33, 49-56.	1.3	84
144	Effect of Transcranial Direct-Current Stimulation Combined with Treadmill Training on Balance and Functional Performance in Children with Cerebral Palsy: A Double-Blind Randomized Controlled Trial. PLoS ONE, 2014, 9, e105777.	2.5	84

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145	Comparison of blinding effectiveness between sham tDCS and placebo sertraline in a 6-week major depression randomized clinical trial. Clinical Neurophysiology, 2014, 125, 298-305.	1.5	84
146	Transcranial direct current stimulation during treadmill training in children with cerebral palsy: A randomized controlled double-blind clinical trial. Research in Developmental Disabilities, 2014, 35, 2840-2848.	2.2	84
147	Targeted therapies using electrical and magnetic neural stimulation for the treatment of chronic pain in spinal cord injury. NeuroImage, 2014, 85, 1003-1013.	4.2	83
148	tDCS and Robotics on Upper Limb Stroke Rehabilitation: Effect Modification by Stroke Duration and Type of Stroke. BioMed Research International, 2016, 2016, 1-8.	1.9	83
149	Hand Motor Recovery After Stroke: Tuning the Orchestra to Improve Hand Motor Function. Cognitive and Behavioral Neurology, 2006, 19, 21-33.	0.9	82
150	Nonâ€invasive brain stimulation for fine motor improvement after stroke: a metaâ€analysis. European Journal of Neurology, 2018, 25, 1017-1026.	3.3	82
151	Attentional modulation of emotional stimulus processing: An fMRI study using emotional expectancy. Human Brain Mapping, 2006, 27, 662-677.	3.6	81
152	Effects of anodal transcranial direct current stimulation combined with virtual reality for improving gait in children with spastic diparetic cerebral palsy: a pilot, randomized, controlled, double-blind, clinical trial. Clinical Rehabilitation, 2015, 29, 1212-1223.	2.2	81
153	Transcranial direct current stimulation: electrode montage in stroke. Disability and Rehabilitation, 2011, 33, 1383-1388.	1.8	80
154	Comparison of Visual Field Training for Hemianopia With Active Versus Sham Transcranial Direct Cortical Stimulation. Neurorehabilitation and Neural Repair, 2012, 26, 616-626.	2.9	80
155	Clinical effects and brain metabolic correlates in non-invasive cortical neuromodulation for visceral pain. European Journal of Pain, 2011, 15, 53-60.	2.8	79
156	Task-Specific Effects of tDCS-Induced Cortical Excitability Changes on Cognitive and Motor Sequence Set Shifting Performance. PLoS ONE, 2011, 6, e24140.	2.5	79
157	Transcranial magnetic stimulation and brain atrophy: a computer-based human brain model study. Experimental Brain Research, 2008, 186, 539-550.	1.5	78
158	Efficacy of Transcranial Direct Current Stimulation Coupled with a Multidisciplinary Rehabilitation Program for the Treatment of Fibromyalgia. Open Rheumatology Journal, 2011, 5, 45-50.	0.2	76
159	Controversy: Does repetitive transcranial magnetic stimulation/ transcranial direct current stimulation show efficacy in treating tinnitus patients?. Brain Stimulation, 2008, 1, 192-205.	1.6	75
160	Assessment and Modulation of Neural Plasticity in Rehabilitation With Transcranial Magnetic Stimulation. PM and R, 2010, 2, S253-68.	1.6	75
161	Transcranial Direct Current Stimulation for Generalized Anxiety Disorder: A Case Study. Biological Psychiatry, 2014, 75, e17-e18.	1.3	75
162	Immediate and Sustained Effects of 5-Day Transcranial Direct Current Stimulation of the Motor Cortex in Phantom Limb Pain. Journal of Pain, 2015, 16, 657-665.	1.4	75

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163	Motor Cortex Excitability and BDNF Levels in Chronic Musculoskeletal Pain According to Structural Pathology. Frontiers in Human Neuroscience, 2016, 10, 357.	2.0	74
164	Repetitive Transcranial Magnetic Stimulation for Phantom Limb Pain in Land Mine Victims: A Double-Blinded, Randomized, Sham-Controlled Trial. Journal of Pain, 2016, 17, 911-918.	1.4	74
165	Repetitive Transcranial Magnetic Stimulation Increases the Corticospinal Inhibition and the Brain-Derived Neurotrophic Factor in Chronic Myofascial Pain Syndrome: An Explanatory Double-Blinded, Randomized, Sham-Controlled Trial. Journal of Pain, 2014, 15, 845-855.	1.4	73
166	Transcranial Direct Current Stimulation in Mesial Temporal Lobe Epilepsy and Hippocampal Sclerosis. Brain Stimulation, 2017, 10, 28-35.	1.6	73
167	Treatment of chronic visceral pain with brain stimulation. Annals of Neurology, 2005, 58, 971-972.	5.3	72
168	rTMS treatment for depression in Parkinson's disease increases BOLD responses in the left prefrontal cortex. International Journal of Neuropsychopharmacology, 2008, 11, 173-83.	2.1	72
169	Feasibility of focal transcranial DC polarization with simultaneous EEG recording: Preliminary assessment in healthy subjects and human epilepsy. Epilepsy and Behavior, 2012, 25, 417-425.	1.7	72
170	Role of the primary motor cortex in the maintenance and treatment of pain in fibromyalgia. Medical Hypotheses, 2014, 83, 332-336.	1.5	72
171	Antiepileptic Effects of Repetitive Transcranial Magnetic Stimulation in Patients with Cortical Malformations: An EEG and Clinical Study. Stereotactic and Functional Neurosurgery, 2005, 83, 57-62.	1.5	71
172	Neuromodulation of Decision-Making in the Addictive Brain. Substance Use and Misuse, 2010, 45, 1766-1786.	1.4	71
173	Safety of repetitive transcranial magnetic stimulation in patients with epilepsy: A systematic review. Epilepsy and Behavior, 2016, 57, 167-176.	1.7	71
174	Safety Review of Transcranial Direct Current Stimulation in Stroke. Neuromodulation, 2017, 20, 215-222.	0.8	71
175	Processing Nouns and Verbs in the Left Frontal Cortex: A Transcranial Magnetic Stimulation Study. Journal of Cognitive Neuroscience, 2008, 20, 707-720.	2.3	70
176	Transcranial Direct Current Stimulation Reduces Negative Affect but Not Cigarette Craving in Overnight Abstinent Smokers. Frontiers in Psychiatry, 2013, 4, 112.	2.6	70
177	Brain Stimulation in Poststroke Rehabilitation. Cerebrovascular Diseases, 2007, 24, 157-166.	1.7	68
178	THE SERTRALINE VERSUS ELECTRICAL CURRENT THERAPY FOR TREATING DEPRESSION CLINICAL STUDY (SELECT-TDCS): RESULTS OF THE CROSSOVER AND FOLLOW-UP PHASES. Depression and Anxiety, 2013, 30, 646-653.	4.1	68
179	Impact of brain tissue filtering on neurostimulation fields: A modeling study. NeuroImage, 2014, 85, 1048-1057.	4.2	68
180	Comparison of repetitive transcranial magnetic stimulation and electroconvulsive therapy in unipolar non-psychotic refractory depression: a randomized, single-blind study. International Journal of Neuropsychopharmacology, 2006, 9, 667.	2.1	67

#	Article	IF	Citations
181	Visual Phosphene Perception Modulated by Subthreshold Crossmodal Sensory Stimulation. Journal of Neuroscience, 2007, 27, 4178-4181.	3.6	67
182	Neuromodulation approaches for the treatment of major depression: challenges and recommendations from a working group meeting. Arquivos De Neuro-Psiquiatria, 2010, 68, 433-451.	0.8	67
183	Effects of repetitive transcranial magnetic stimulation on voice and speech in Parkinson's disease. Acta Neurologica Scandinavica, 2006, 113, 92-99.	2.1	66
184	Reversal of chronic stress-induced pain by transcranial direct current stimulation (tDCS) in an animal model. Brain Research, 2012, 1489, 17-26.	2.2	66
185	Polarity-Dependent Transcranial Direct Current Stimulation Effects on Central Auditory Processing. PLoS ONE, 2011, 6, e25399.	2.5	65
186	The Effects of Cross-Hemispheric Dorsolateral Prefrontal Cortex Transcranial Direct Current Stimulation (tDCS) on Task Switching. Brain Stimulation, 2013, 6, 660-667.	1.6	65
187	Enhancement of Affective Processing Induced by Bifrontal Transcranial Direct Current Stimulation in Patients With Major Depression. Neuromodulation, 2014, 17, 138-142.	0.8	65
188	Risk factors for relapse after remission with repetitive transcranial magnetic stimulation for the treatment of depression. Depression and Anxiety, 2009, 26, 682-688.	4.1	64
189	The Appropriate Use of Neurostimulation: Stimulation of the Intracranial and Extracranial Space and Head for Chronic Pain. Neuromodulation, 2014, 17, 551-570.	0.8	64
190	Effects of transcranial direct current stimulation coupled with repetitive electrical stimulation on cortical spreading depression. Experimental Neurology, 2007, 204, 462-466.	4.1	63
191	Siteâ€specific effects of mental practice combined with transcranial direct current stimulation on motor learning. European Journal of Neuroscience, 2013, 37, 786-794.	2.6	62
192	Understanding tDCS effects in schizophrenia: a systematic review of clinical data and an integrated computation modeling analysis. Expert Review of Medical Devices, 2014, 11, 383-394.	2.8	61
193	Clinical utility of brain stimulation modalities following traumatic brain injury: current evidence. Neuropsychiatric Disease and Treatment, 2015, 11, 1573.	2.2	61
194	Brain stimulation for the treatment of pain: A review of costs, clinical effects, and mechanisms of treatment for three different central neuromodulatory approaches. Journal of Pain Management (discontinued), 2009, 2, 339-352.	0.7	61
195	Inhibition of motor cortex excitability with 15Hz transcranial alternating current stimulation (tACS). Neuroscience Letters, 2010, 479, 211-214.	2.1	60
196	Effects of non-pharmacological pain treatments on brain states. Clinical Neurophysiology, 2013, 124, 2016-2024.	1.5	60
197	Responding to Unfair Offers Made by a Friend: Neuroelectrical Activity Changes in the Anterior Medial Prefrontal Cortex. Journal of Neuroscience, 2011, 31, 15569-15574.	3.6	59
198	Repetitive Transcranial Magnetic Stimulation for Fibromyalgia: Systematic Review and Metaâ€Analysis. Pain Practice, 2016, 16, 294-304.	1.9	59

#	Article	IF	Citations
199	An estimate of placebo effect of repetitive transcranial magnetic stimulation in epilepsy. Epilepsy and Behavior, 2011, 20, 355-359.	1.7	58
200	Impact of 5-HTTLPR and BDNF polymorphisms on response to sertraline versus transcranial direct current stimulation: Implications for the serotonergic system. European Neuropsychopharmacology, 2013, 23, 1530-1540.	0.7	58
201	Long-Lasting Effect of Transcranial Direct Current Stimulation in the Reversal of Hyperalgesia and Cytokine Alterations Induced by the Neuropathic Pain Model. Brain Stimulation, 2016, 9, 209-217.	1.6	58
202	Clinical impact of melatonin on breast cancer patients undergoing chemotherapy; effects on cognition, sleep and depressive symptoms: A randomized, double-blind, placebo-controlled trial. PLoS ONE, 2020, 15, e0231379.	2.5	58
203	Differential modulatory effects of transcranial direct current stimulation on a facial expression go-no-go task in males and females. Neuroscience Letters, 2008, 447, 101-105.	2.1	57
204	Sertraline vs. ELectrical Current Therapy for Treating Depression Clinical Trial - SELECT TDCS: Design, rationale and objectives. Contemporary Clinical Trials, 2011, 32, 90-98.	1.8	57
205	Cognitive, Mood, and Electroencephalographic Effects of Noninvasive Cortical Stimulation With Weak Electrical Currents. Journal of ECT, 2011, 27, 134-140.	0.6	57
206	Analgesic and Sedative Effects of Melatonin in Temporomandibular Disorders: A Double-Blind, Randomized, Parallel-Group, Placebo-Controlled Study. Journal of Pain and Symptom Management, 2013, 46, 422-432.	1.2	57
207	Transcranial direct current stimulation in adolescent and adult Rasmussen's encephalitis. Epilepsy and Behavior, 2011, 20, 126-131.	1.7	56
208	Anodal transcranial direct current stimulation over the left dorsolateral prefrontal cortex modulates attention and pain in fibromyalgia: randomized clinical trial. Scientific Reports, 2017, 7, 135.	3.3	56
209	Transcranial Direct Current Stimulation as a Therapeutic Tool for Chronic Pain. Journal of ECT, 2018, 34, e36-e50.	0.6	56
210	Methods and strategies of tDCS for the treatment of pain: current status and future directions. Expert Review of Medical Devices, 2020, 17, 879-898.	2.8	56
211	Clinical trial design in non-invasive brain stimulation psychiatric research. International Journal of Methods in Psychiatric Research, 2011, 20, e19-e30.	2.1	55
212	Cognitive related electrophysiological changes induced by non-invasive cortical electrical stimulation in crack-cocaine addiction. International Journal of Neuropsychopharmacology, 2014, 17, 1465-1475.	2.1	55
213	Effect of low-frequency transcranial magnetic stimulation on an affective go/no-go task in patients with major depression: Role of stimulation site and depression severity. Psychiatry Research, 2006, 141, 1-13.	3.3	54
214	Transcranial magnetic stimulation: a historical evaluation and future prognosis of therapeutically relevant ethical concerns. Journal of Medical Ethics, 2011, 37, 137-143.	1.8	54
215	Biological Markers in Noninvasive Brain Stimulation Trials in Major Depressive Disorder. Journal of ECT, 2014, 30, 47-61.	0.6	54
216	Translational research in transcranial direct current stimulation (tDCS): a systematic review of studies in animals. Reviews in the Neurosciences, 2011, 22, 471-481.	2.9	53

#	Article	IF	Citations
217	After-effects of consecutive sessions of transcranial direct current stimulation (tDCS) in a rat model of chronic inflammation. Experimental Brain Research, 2012, 221, 75-83.	1.5	53
218	Effect of a single session of transcranial direct-current stimulation on balance and spatiotemporal gait variables in children with cerebral palsy: A randomized sham-controlled study. Brazilian Journal of Physical Therapy, 2014, 18, 419-427.	2.5	53
219	Transient Disruption of Ventrolateral Prefrontal Cortex During Verbal Encoding Affects Subsequent Memory Performance. Journal of Neurophysiology, 2005, 94, 688-698.	1.8	52
220	Effect of mild cognitive impairment on balance. Journal of the Neurological Sciences, 2011, 305, 121-125.	0.6	52
221	Sample Size Calculation in Physical Medicine and Rehabilitation: A Systematic Review of Reporting, Characteristics, and Results in Randomized Controlled Trials. Archives of Physical Medicine and Rehabilitation, 2011, 92, 306-315.	0.9	52
222	Clinical Value of Serum Neuroplasticity Mediators in Identifying the Central Sensitivity Syndrome in Patients With Chronic Pain With and Without Structural Pathology. Clinical Journal of Pain, 2015, 31, 959-967.	1.9	52
223	Transcranial direct current stimulation. NeuroReport, 2015, 26, 618-622.	1.2	52
224	Simultaneous EEG Monitoring During Transcranial Direct Current Stimulation. Journal of Visualized Experiments, 2013, , .	0.3	51
225	Hemispheric dorsolateral prefrontal cortex lateralization in the regulation of empathy for pain. Neuroscience Letters, 2015, 594, 12-16.	2.1	51
226	Effects of 8-week sensory electrical stimulation combined with motor training on EEG-EMG coherence and motor function in individuals with stroke. Scientific Reports, 2018, 8, 9217.	3.3	51
227	Homeostatic effects of plasma valproate levels on corticospinal excitability changes induced by 1Hz rTMS in patients with juvenile myoclonic epilepsy. Clinical Neurophysiology, 2006, 117, 1217-1227.	1.5	50
228	Transcranial direct current stimulation as a therapeutic tool for the treatment of major depression: insights from past and recent clinical studies. Current Opinion in Psychiatry, 2009, 22, 306-311.	6.3	50
229	Abnormal visual activation in Parkinson's disease patients. Movement Disorders, 2010, 25, 1590-1596.	3.9	50
230	Large Treatment Effect With Extended Home-Based Transcranial Direct Current Stimulation Over Dorsolateral Prefrontal Cortex in Fibromyalgia: A Proof of Concept Sham-Randomized Clinical Study. Journal of Pain, 2020, 21, 212-224.	1.4	49
231	Using Brain Oscillations and Corticospinal Excitability to Understand and Predict Post-Stroke Motor Function. Frontiers in Neurology, 2017, 8, 187.	2.4	48
232	Mood and cognitive effects of transcranial direct current stimulation in post-stroke depression. Neurocase, 2011, 17, 318-322.	0.6	47
233	Non-invasive brain stimulation and the autonomic nervous system. Clinical Neurophysiology, 2013, 124, 1716-1728.	1.5	47
234	Paraspinal Stimulation Combined With Trigger Point Needling and Needle Rotation for the Treatment of Myofascial Pain. Clinical Journal of Pain, 2014, 30, 214-223.	1.9	47

#	Article	IF	Citations
235	Motor Cortex Reorganization in Limb Amputation: A Systematic Review of TMS Motor Mapping Studies. Frontiers in Neuroscience, 2020, 14, 314.	2.8	47
236	Feasibility of Transcranial Direct Current Stimulation Use in Children Aged 5 to 12 Years. Journal of Child Neurology, 2014, 29, 1360-1365.	1.4	46
237	Cognitive effects of transcranial direct current stimulation in depression: Results from the SELECT-TDCS trial and insights for further clinical trials. Journal of Affective Disorders, 2016, 202, 46-52.	4.1	46
238	Bartholow, Sciamanna, Alberti: Pioneers in the Electrical Stimulation of the Exposed Human Cerebral Cortex. Neuroscientist, 2008, 14, 521-528.	3.5	45
239	Assessment and treatment of pain with non-invasive cortical stimulation. Restorative Neurology and Neuroscience, 2011, 29, 439-451.	0.7	45
240	Association of anxiety with intracortical inhibition and descending pain modulation in chronic myofascial pain syndrome. BMC Neuroscience, 2014, 15, 42.	1.9	45
241	Investigation of Central Nervous System Dysfunction in Chronic Pelvic Pain Using Magnetic Resonance Spectroscopy and Noninvasive Brain Stimulation. Pain Practice, 2015, 15, 423-432.	1.9	45
242	Transcranial direct current stimulation (tDCS) of the primary motor cortex and robot-assisted arm training in chronic incomplete cervical spinal cord injury: A proof of concept sham-randomized clinical study. NeuroRehabilitation, 2016, 39, 401-411.	1.3	45
243	The potential dual role of transcallosal inhibition in post-stroke motor recovery. Restorative Neurology and Neuroscience, 2018, 36, 83-97.	0.7	45
244	A Review of Acute Aerobic Exercise and Transcranial Direct Current Stimulation Effects on Cognitive Functions and Their Potential Synergies. Frontiers in Human Neuroscience, 2018, 12, 534.	2.0	45
245	Impaired Interhemispheric Interactions in Patients With Major Depression. Journal of Nervous and Mental Disease, 2008, 196, 671-677.	1.0	44
246	Manic Psychosis After Sertraline and Transcranial Direct-Current Stimulation. Journal of Neuropsychiatry and Clinical Neurosciences, 2011, 23, E4-E5.	1.8	44
247	A Framework for Understanding the Relationship between Descending Pain Modulation, Motor Corticospinal, and Neuroplasticity Regulation Systems in Chronic Myofascial Pain. Frontiers in Human Neuroscience, 2016, 10, 308.	2.0	44
248	Exogenously induced brain activation regulates neuronal activity by top-down modulation: conceptualized model for electrical brain stimulation. Experimental Brain Research, 2015, 233, 1377-1389.	1.5	43
249	Cognitive effects of transcranial direct current stimulation combined with working memory training in fibromyalgia: a randomized clinical trial. Scientific Reports, 2018, 8, 12477.	3.3	43
250	Immediate Placebo Effect in Parkinsonâ€™s Disease â€“ Is the Subjective Relief Accompanied by Objective Improvement?. European Neurology, 2006, 56, 222-229.	1.4	42
251	Transcranial Direct Current Stimulation (tDCS) for the Treatment of Persistent Visual and Auditory Hallucinations in Schizophrenia: A Case Study. Brain Stimulation, 2013, 6, 831-833.	1.6	42
252	Descending Control of Nociceptive Processing in Knee Osteoarthritis Is Associated With Intracortical Disinhibition. Medicine (United States), 2016, 95, e3353.	1.0	42

#	Article	IF	Citations
253	Long-term effects of contralesional rTMS in severe stroke: Safety, cortical excitability, and relationship with transcallosal motor fibers. NeuroRehabilitation, 2015, 36, 51-59.	1.3	41
254	Cerebellar transcranial direct current stimulation in children with ataxic cerebral palsy: A sham-controlled, crossover, pilot study. Developmental Neurorehabilitation, 2017, 20, 142-148.	1.1	40
255	Safety and acceptability of transcranial direct current stimulation for the acute treatment of major depressive episodes: Analysis of individual patient data. Journal of Affective Disorders, 2017, 221, 1-5.	4.1	40
256	Searching for the optimal tDCS target for motor rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 90.	4.6	40
257	Transcranial direct current stimulation (tDCS) for catatonic schizophrenia: A case study. Schizophrenia Research, 2013, 146, 374-375.	2.0	39
258	Je pense donc je fais: transcranial direct current stimulation modulates brain oscillations associated with motor imagery and movement observation. Frontiers in Human Neuroscience, 2013, 7, 256.	2.0	39
259	Transcranial direct current stimulation (tDCS) reverts behavioral alterations and brainstem BDNF level increase induced by neuropathic pain model: Long-lasting effect. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 44-51.	4.8	39
260	Pain in Chronic Pancreatitis: A Salutogenic Mechanism or a Maladaptive Brain Response?. Pancreatology, 2007, 7, 411-422.	1.1	38
261	Hypomanic episode in unipolar depression during transcranial direct current stimulation. Acta Neuropsychiatrica, 2010, 22, 316-318.	2.1	38
262	Transcranial Direct Current Stimulation Based Metaplasticity Protocols in Working Memory. Brain Stimulation, 2015, 8, 289-294.	1.6	38
263	The effects of transcranial direct current stimulation (tDCS) combined with group exercise treatment in subjects with chronic low back pain: a pilot randomized control trial. Clinical Rehabilitation, 2018, 32, 1348-1356.	2.2	38
264	Clinical improvement with intensive robot-assisted arm training in chronic stroke is unchanged by supplementary tDCS. Restorative Neurology and Neuroscience, 2019, 37, 167-180.	0.7	38
265	Intramuscular electrical stimulus potentiates the motor cortex modulation effects on pain and descending inhibitory systems in knee osteoarthritis: a randomized, factorial, sham-controlled study. Journal of Pain Research, 2019, Volume 12, 209-221.	2.0	38
266	Atherosclerosis and Dementia. Stroke, 2011, 42, 3614-3615.	2.0	37
267	Motor cortex-induced plasticity by noninvasive brain stimulation. NeuroReport, 2013, 24, 973-975.	1.2	37
268	Transcranial Electrical Stimulation. , 2014, , 35-59.		36
269	Noninvasive motor cortex stimulation effects on quantitative sensory testing in healthy and chronic pain subjects: a systematic review and meta-analysis. Pain, 2020, 161, 1955-1975.	4.2	36
270	Clinical Effects of Scalp Electrical Acupuncture in Stroke: A Sham-Controlled Randomized Clinical Trial. Journal of Alternative and Complementary Medicine, 2012, 18, 341-346.	2.1	35

#	Article	IF	Citations
271	Cognitive effects and autonomic responses to transcranial pulsed current stimulation. Experimental Brain Research, 2015, 233, 701-709.	1.5	35
272	Repeated stimulation of the posterior parietal cortex in patients in minimally conscious state: A sham-controlled randomized clinical trial. Brain Stimulation, 2017, 10, 718-720.	1.6	35
273	Surface EEG-Transcranial Direct Current Stimulation (tDCS) Closed-Loop System. International Journal of Neural Systems, 2017, 27, 1750026.	5.2	35
274	Preclinical to Clinical Translation of Studies of Transcranial Direct-Current Stimulation in the Treatment of Epilepsy: A Systematic Review. Frontiers in Neuroscience, 2018, 12, 189.	2.8	35
275	Non-invasive brain stimulation for the management of arterial hypertension. Medical Hypotheses, 2010, 74, 332-336.	1.5	34
276	Differential improvement in depressive symptoms for tDCS alone and combined with pharmacotherapy: an exploratory analysis from The Sertraline Vs. Electrical Current Therapy For Treating Depression Clinical Study. International Journal of Neuropsychopharmacology, 2014, 17, 53-61.	2.1	34
277	Updates and Current Perspectives of Psychiatric Assessments after Traumatic Brain Injury: A Systematic Review. Frontiers in Psychiatry, 2016, 7, 95.	2.6	34
278	Transcranial direct current stimulation improves long-term memory deficits in an animal model of attention-deficit/hyperactivity disorder and modulates oxidative and inflammatory parameters. Brain Stimulation, 2018, 11, 743-751.	1.6	34
279	The Long-Term Impact of Physical and Emotional Trauma: The Station Nightclub Fire. PLoS ONE, 2012, 7, e47339.	2.5	34
280	Pharmacological and electrical stimulation in chronic disorders of consciousness: New insights and future directions. Brain Injury, 2011, 25, 315-327.	1.2	33
281	BDNF as an effect modifier for gender effects on pain thresholds in healthy subjects. Neuroscience Letters, 2012, 514, 62-66.	2.1	33
282	A Feasibility Study Assessing Cortical Plasticity in Chronic Neuropathic Pain Following Burn Injury. Journal of Burn Care and Research, 2013, 34, e48-e52.	0.4	33
283	The reporting of blinding in physical medicine and rehabilitation randomized controlled trials: A systematic review. Journal of Rehabilitation Medicine, 2013, 45, 6-13.	1.1	33
284	Short-term motor learning through non-immersive virtual reality task in individuals with down syndrome. BMC Neurology, 2017, 17, 71.	1.8	33
285	Transcranial Direct Current Stimulation to Improve the Dysfunction of Descending Pain Modulatory System Related to Opioids in Chronic Non-cancer Pain: An Integrative Review of Neurobiology and Meta-Analysis. Frontiers in Neuroscience, 2019, 13, 1218.	2.8	33
286	Transcranial magnetic stimulation for the treatment of depression in neurologic disorders. Current Psychiatry Reports, 2005, 7, 381-390.	4.5	32
287	Clinical Predictors Associated With Duration of Repetitive Transcranial Magnetic Stimulation Treatment for Remission in Bipolar Depression. Journal of Nervous and Mental Disease, 2010, 198, 679-681.	1.0	32
288	Long-Term Analgesic Effects of Transcranial Direct Current Stimulation of the Motor Cortex on Phantom Limb and Stump Pain: A Case Report. Journal of Pain and Symptom Management, 2013, 46, e1-e4.	1.2	32

#	Article	IF	Citations
289	Transcranial direct current stimulation reduces foodâ€craving and measures of hyperphagia behavior in participants with Praderâ€Willi syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 266-275.	1.7	32
290	The Influence of Skin Redness on Blinding in Transcranial Direct Current Stimulation Studies: A Crossover Trial. Neuromodulation, 2017, 20, 248-255.	0.8	32
291	Optimizing Rehabilitation for Phantom Limb Pain Using Mirror Therapy and Transcranial Direct Current Stimulation: A Randomized, Doubleâ€"Blind Clinical Trial Study Protocol. JMIR Research Protocols, 2016, 5, e138.	1.0	32
292	Bilateral temporal cortex transcranial direct current stimulation worsens male performance in a multisensory integration task. Neuroscience Letters, 2012, 527, 105-109.	2.1	31
293	Modulation of Untruthful Responses with Non-Invasive Brain Stimulation. Frontiers in Psychiatry, 2013, 3, 97.	2.6	31
294	Effects of tDCS-induced Motor Cortex Modulation on Pain in HTLV-1. Clinical Journal of Pain, 2014, 30, 809-815.	1.9	31
295	rTMS combined with motor learning training in healthy subjects. Restorative Neurology and Neuroscience, 2006, 24, 191-9.	0.7	31
296	Limits to clinical trials in surgical areas. Clinics, 2011, 66, 159-161.	1.5	30
297	Combination of transcranial direct current stimulation and methylphenidate in subacute stroke. Neuroscience Letters, 2014, 569, 6-11.	2.1	30
298	Electroacupuncture analgesia is associated with increased serum brain-derived neurotrophic factor in chronic tension-type headache: a randomized, sham controlled, crossover trial. BMC Complementary and Alternative Medicine, 2015, 15, 144.	3.7	30
299	SSRI and Motor Recovery in Stroke: Reestablishment of Inhibitory Neural Network Tonus. Frontiers in Neuroscience, 2017, 11, 637.	2.8	30
300	Changes in Clinical Trials Methodology Over Time: A Systematic Review of Six Decades of Research in Psychopharmacology. PLoS ONE, 2010, 5, e9479.	2.5	30
301	Obsessive Compulsive Disorder as a functional interhemispheric imbalance at the thalamic level. Medical Hypotheses, 2011, 77, 445-447.	1.5	29
302	Treatment of Cancer Pain with Noninvasive Brain Stimulation. Journal of Pain and Symptom Management, 2007, 34, 342-345.	1.2	28
303	Sustained Effects of a Neural-based Intervention in a Refractory Case of Tourette Syndrome. Brain Stimulation, 2015, 8, 657-659.	1.6	28
304	Functional Spectroscopy Mapping of Pain Processing Cortical Areas During Non-painful Peripheral Electrical Stimulation of the Accessory Spinal Nerve. Frontiers in Human Neuroscience, 2019, 13, 200.	2.0	28
305	Potency of descending pain modulatory system is linked with peripheral sensory dysfunction in fibromyalgia. Medicine (United States), 2019, 98, e13477.	1.0	28
306	Noninvasive brain stimulation combined with exercise in chronic pain: a systematic review and meta-analysis. Expert Review of Neurotherapeutics, 2020, 20, 401-412.	2.8	28

#	Article	IF	Citations
307	Bifrontal tDCS prevents implicit learning acquisition in antidepressant-free patients with major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 43, 146-150.	4.8	27
308	Rapid Therapeutic Response to Anodal tDCS of Right Dorsolateral Prefrontal Cortex in Acute Mania. Brain Stimulation, 2013, 6, 701-703.	1.6	27
309	Neuroplastic Effects of Transcranial Direct Current Stimulation on Painful Symptoms Reduction in Chronic Hepatitis C: A Phase II Randomized, Double Blind, Sham Controlled Trial. Frontiers in Neuroscience, 2015, 9, 498.	2.8	27
310	Differential Neuroplastic Changes in Fibromyalgia and Depression Indexed by Up-Regulation of Motor Cortex Inhibition and Disinhibition of the Descending Pain System: An Exploratory Study. Frontiers in Human Neuroscience, 2019, 13, 138.	2.0	27
311	Preoperative transcranial direct current stimulation: Exploration of a novel strategy to enhance neuroplasticity before surgery to control postoperative pain. A randomized sham-controlled study. PLoS ONE, 2017, 12, e0187013.	2.5	27
312	Novel Therapeutic Approaches to the Treatment of Chronic Abdominal Visceral Pain. Scientific World Journal, The, 2006, 6, 472-490.	2.1	26
313	The Relationship Between Cortical Excitability and Pain Catastrophizing in Myofascial Pain. Journal of Pain, 2013, 14, 1140-1147.	1.4	26
314	Transcranial Direct Current Stimulation: Challenges, Opportunities, and Impact on Psychiatry and Neurorehabilitation. Frontiers in Psychiatry, 2013, 4, 19.	2.6	26
315	Combining Dopaminergic Facilitation with Robot-Assisted Upper Limb Therapy in Stroke Survivors. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 459-474.	1.4	26
316	Noninvasive brain stimulation for addiction medicine. Progress in Brain Research, 2016, 224, 371-399.	1.4	26
317	Immediate memory and electrophysiologic effects of prefrontal cortex transcranial direct current stimulation on neurotypical individuals and individuals with chronic traumatic brain injury: a pilot study. International Journal of Neuroscience, 2017, 127, 592-600.	1.6	26
318	Effects of Prefrontal Transcranial Direct Current Stimulation and Motivation to Quit in Tobacco Smokers: A Randomized, Sham Controlled, Double-Blind Trial. Frontiers in Pharmacology, 2018, 9, 14.	3.5	26
319	Home-Based Transcranial Direct Current Stimulation Device Development: An Updated Protocol Used at Home in Healthy Subjects and Fibromyalgia Patients. Journal of Visualized Experiments, 2018, , .	0.3	26
320	Single tDCS session of motor cortex in patients with disorders of consciousness: a pilot study. Brain Injury, 2019, 33, 1679-1683.	1.2	26
321	Transcranial direct current stimulation combined with exercise modulates the inflammatory profile and hyperalgesic response in rats subjected to a neuropathic pain model: Long-term effects. Brain Stimulation, 2020, 13, 774-782.	1.6	26
322	Effects of Combined and Alone Transcranial Motor Cortex Stimulation and Mirror Therapy in Phantom Limb Pain: A Randomized Factorial Trial. Neurorehabilitation and Neural Repair, 2021, 35, 704-716.	2.9	26
323	Exploring a novel therapeutic approach with noninvasive cortical stimulation for vulvodynia. American Journal of Obstetrics and Gynecology, 2008, 199, e6-e7.	1.3	25
324	Pharmacological and combined interventions for the acute depressive episode: focus on efficacy and tolerability. Therapeutics and Clinical Risk Management, 2009, 5, 897.	2.0	25

#	Article	IF	Citations
325	Effect of transcranial direct current stimulation combined with gait and mobility training on functionality in children with cerebral palsy: study protocol for a double-blind randomized controlled clinical trial. BMC Pediatrics, 2013, 13, 168.	1.7	25
326	A Phase II, Randomized, Double-Blind, Placebo Controlled, Dose-Response Trial of the Melatonin Effect on the Pain Threshold of Healthy Subjects. PLoS ONE, 2013, 8, e74107.	2.5	25
327	Transcranial Direct Current Stimulation Combined with Treadmill Gait Training in Delayed Neuro-psychomotor Development. Journal of Physical Therapy Science, 2014, 26, 945-950.	0.6	25
328	Delayed pain decrease following M1 tDCS in spinal cord injury: A randomized controlled clinical trial. Neuroscience Letters, 2017, 658, 19-26.	2.1	25
329	Neuromodulation Techniques in Phantom Limb Pain: A Systematic Review and Meta-analysis. Pain Medicine, 2020, 21, 2310-2322.	1.9	25
330	Effectiveness of anodal transcranial direct current stimulation to improve muscle strength and motor functionality after incomplete spinal cord injury: a systematic review and meta-analysis. Spinal Cord, 2020, 58, 635-646.	1.9	25
331	The influence of femoral tunnel position in single-bundle ACL reconstruction on functional outcomes and return to sports. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 97-103.	4.2	24
332	Baseline Brain Activity Predicts Response to Neuromodulatory Pain Treatment. Pain Medicine, 2014, 15, 2055-2063.	1.9	24
333	Neurophysiologic predictors of motor function in stroke. Restorative Neurology and Neuroscience, 2015, 34, 45-54.	0.7	24
334	Mental imagery-induced attention modulates pain perception and cortical excitability. BMC Neuroscience, 2015, 16, 15.	1.9	24
335	Spared Primary Motor Cortex and The Presence of MEP in Cerebral Palsy Dictate the Responsiveness to tDCS during Gait Training. Frontiers in Human Neuroscience, 2016, 10, 361.	2.0	24
336	The differential effects of unihemispheric and bihemispheric tDCS over the inferior frontal gyrus on proactive control. Neuroscience Research, 2018, 130, 39-46.	1.9	24
337	Bilateral M1 anodal transcranial direct current stimulation in post traumatic chronic minimally conscious state: a pilot EEG-tDCS study. Brain Injury, 2019, 33, 490-495.	1.2	24
338	Transcranial direct current stimulation modulates efficiency of reading processes. Frontiers in Human Neuroscience, 2015, 9, 114.	2.0	23
339	Neural Markers of Neuropathic Pain Associated with Maladaptive Plasticity in Spinal Cord Injury. Pain Practice, 2015, 15, 371-377.	1.9	23
340	Transcranial direct current stimulation (tDCS) and the cardiovascular responses to acute pain in humans. Clinical Neurophysiology, 2015, 126, 1039-1046.	1.5	23
341	Duration Dependent Effects of Transcranial Pulsed Current Stimulation (tPCS) Indexed by Electroencephalography. Neuromodulation, 2016, 19, 679-688.	0.8	23
342	Neurostimulation in dry eye diseaseâ€"past, present, and future. Ocular Surface, 2019, 17, 20-27.	4.4	23

#	Article	IF	Citations
343	Impact of Bifrontal Home-Based Transcranial Direct Current Stimulation in Pain Catastrophizing and Disability due to Pain in Fibromyalgia: A Randomized, Double-Blind Sham-Controlled Study. Journal of Pain, 2022, 23, 641-656.	1.4	23
344	Transcranial Direct Current Stimulation - An Adjuvant Tool for the Treatment of Neuropsychiatric Diseases?. Current Psychiatry Reviews, 2007, 3, 222-232.	0.9	22
345	Can the â€˜yin and yangâ€™ BDNF hypothesis be used to predict the effects of rTMS treatment in neuropsychiatry?. Medical Hypotheses, 2008, 71, 279-282.	1.5	22
346	Stroke subtype and motor impairment influence contralesional excitability. Neurology, 2015, 85, 517-520.	1.1	22
347	Corticospinal excitability as a biomarker of myofascial pain syndrome. Pain Reports, 2017, 2, e594.	2.7	22
348	The Effects of Melatonin on the Descending Pain Inhibitory System and Neural Plasticity Markers in Breast Cancer Patients Receiving Chemotherapy: Randomized, Double-Blinded, Placebo-Controlled Trial. Frontiers in Pharmacology, 2019, 10, 1382.	3.5	22
349	One-Year rTMS Treatment for Refractory Trigeminal Neuralgia. Journal of Pain and Symptom Management, 2009, 38, e1-e5.	1.2	21
350	Fibromyalgia: From treatment to rehabilitation. European Journal of Pain Supplements, 2009, 3, 117-122.	0.0	21
351	Safety of Repeated Transcranial Direct Current Stimulation in Impaired Skin. Journal of ECT, 2013, 29, 147-148.	0.6	21
352	QEEG indexed frontal connectivity effects of transcranial pulsed current stimulation (tPCS): A sham-controlled mechanistic trial. Neuroscience Letters, 2014, 577, 61-65.	2.1	21
353	Electrical Intramuscular Stimulation in Osteoarthritis Enhances the Inhibitory Systems in Pain Processing at Cortical and Cortical Spinal System. Pain Medicine, 2015, 17, n/a-n/a.	1.9	21
354	Movement observation-induced modulation of pain perception and motor cortex excitability. Clinical Neurophysiology, 2015, 126, 1204-1211.	1.5	21
355	Repeated transcranial direct current stimulation reduces food craving in Wistar rats. Appetite, 2016, 103, 29-37.	3.7	21
356	Non-invasive brain stimulation and computational models in post-stroke aphasic patients: single session of transcranial magnetic stimulation and transcranial direct current stimulation. A randomized clinical trial. Sao Paulo Medical Journal, 2017, 135, 475-480.	0.9	21
357	Effects of high-frequency transcranial magnetic stimulation on functional performance in individuals with incomplete spinal cord injury: study protocol for a randomized controlled trial. Trials, 2017, 18, 522.	1.6	21
358	Protective and Risk Factors for Phantom Limb Pain and Residual Limb Pain Severity. Pain Practice, 2020, 20, 578-587.	1.9	21
359	Motor cortex transcranial direct current stimulation effects on knee osteoarthritis pain in elderly subjects with dysfunctional descending pain inhibitory system: A randomized controlled trial. Brain Stimulation, 2021, 14, 477-487.	1.6	21
360	Ensaios clÃnicos controlados e randomizados na ortopedia: dificuldades e limitaÃ§Ãµes. Revista Brasileira De Ortopedia, 2011, 46, 452-459.	0.3	21

#	Article	IF	Citations
361	Referred sensations and neuropathic pain following spinal cord injury. Pain, 2010, 150, 192-198.	4.2	20
362	Neural signature of tDCS, tPCS and their combination: Comparing the effects on neural plasticity. Neuroscience Letters, 2017, 637, 207-214.	2.1	20
363	Recruitment challenges in stroke neurorecovery clinical trials. Contemporary Clinical Trials Communications, 2019, 15, 100404.	1.1	20
364	Decreased neural inhibitory state in fibromyalgia pain: A cross-sectional study. Neurophysiologie Clinique, 2020, 50, 279-288.	2.2	20
365	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. Psychiatry Research - Neuroimaging, 2008, 164, 81-85.	1.8	19
366	Recovery after ECT: comparison of propofol, etomidate and thiopental. Revista Brasileira De Psiquiatria, 2008, 30, 149-151.	1.7	19
367	Effect of exercise on balance in persons with mild cognitive impairment. NeuroRehabilitation, 2014, 35, 271-278.	1.3	19
368	Combined neuromodulatory interventions in acute experimental pain: assessment of melatonin and non-invasive brain stimulation. Frontiers in Behavioral Neuroscience, 2015, 9, 77.	2.0	19
369	Treatment-resistant obsessive-compulsive disorder: Insights from an open trial of transcranial direct current stimulation (tDCS) to design a RCT. Neurology Psychiatry and Brain Research, 2016, 22, 146-154.	2.0	19
370	Salivary proteomics: A new adjuvant approach to the early diagnosis of familial juvenile systemic lupus erythematosus. Medical Hypotheses, 2016, 89, 97-100.	1.5	19
371	Notes on Human Trials of Transcranial Direct Current Stimulation between 1960 and 1998. Frontiers in Human Neuroscience, 2017, 11, 71.	2.0	19
372	Optimised transcranial direct current stimulation (tDCS) for fibromyalgiaâ€”targeting the endogenous pain control system: a randomised, double-blind, factorial clinical trial protocol. BMJ Open, 2019, 9, e032710.	1.9	19
373	Left prefrontal repetitive transcranial magnetic stimulation impairs performance in affective go/no-go task. NeuroReport, 2005, 16, 615-619.	1.2	18
374	Lasting accelerative effects of 1â€ƒHz and 20â€ƒHz electrical stimulation on cortical spreading depression: relevance for clinical applications of brain stimulation. European Journal of Neuroscience, 2005, 21, 2278-2284.	2.6	18
375	Transcranial magnetic stimulation treatment for epilepsy: Can it also improve depression and vice versa?. Epilepsy and Behavior, 2005, 7, 182-189.	1.7	18
376	Transcranial direct current stimulation (tDCS) prevents chronic stress-induced hyperalgesia in rats. Brain Stimulation, 2018, 11, 299-301.	1.6	18
377	Combining Fluoxetine and rTMS in Poststroke Motor Recovery: A Placebo-Controlled Double-Blind Randomized Phase 2 Clinical Trial. Neurorehabilitation and Neural Repair, 2019, 33, 643-655.	2.9	18
378	Effects of Transcranial Direct Current Stimulation on Knee Osteoarthritis Pain in Elderly Subjects With Defective Endogenous Pain-Inhibitory Systems: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2018, 7, e11660.	1.0	18

#	Article	IF	Citations
379	Tinnitus and Brain Activation: Insights from Transcranial Magnetic Stimulation. Ear, Nose and Throat Journal, 2006, 85, 233-238.	0.8	17
380	Cardiovascular Effects of Anesthesia in ECT. Journal of ECT, 2007, 23, 6-8.	0.6	17
381	Transcranial direct-current stimulation induced in stroke patients with aphasia: a prospective experimental cohort study. Sao Paulo Medical Journal, 2013, 131, 422-426.	0.9	17
382	Intensity-dependent effects of transcranial pulsed current stimulation on interhemispheric connectivity. NeuroReport, 2014, 25, 1054-1058.	1.2	17
383	Optimal random frequency range in transcranial pulsed current stimulation indexed by quantitative electroencephalography. NeuroReport, 2015, 26, 747-752.	1.2	17
384	Brain-Derived Neurotrophic Factor Modulates the Effect of Sex on the Descending Pain Modulatory System in Healthy Volunteers. Pain Medicine, 2020, 21, 2271-2279.	1.9	17
385	Neuroplasticity and non-invasive brain stimulation in the developing brain. Progress in Brain Research, 2021, 264, 57-89.	1.4	17
386	Why do some promising brain-stimulation devices fail the next steps of clinical development?. Expert Review of Medical Devices, 2010, 7, 67-97.	2.8	16
387	Effect of Deep Intramuscular Stimulation and Transcranial Magnetic Stimulation on Neurophysiological Biomarkers in Chronic Myofascial Pain Syndrome. Pain Medicine, 2015, 17, n/a-n/a.	1.9	16
388	Transcranial direct current stimulation (tDCS) modulates biometric and inflammatory parameters and anxiety-like behavior in obese rats. Neuropeptides, 2019, 73, 1-10.	2.2	16
389	COVID-19 pandemic and Farrâ€™s law: A global comparison and prediction of outbreak acceleration and deceleration rates. PLoS ONE, 2020, 15, e0239175.	2.5	16
390	Mapping of predictors of the disengagement of the descending inhibitory pain modulation system in fibromyalgia: an exploratory study. British Journal of Pain, 2021, 15, 221-233.	1.5	16
391	The effects of direct current stimulation and random noise stimulation on attention networks. Scientific Reports, 2021, 11, 6201.	3.3	16
392	rTMS induces analgesia and modulates neuroinflammation and neuroplasticity in neuropathic pain model rats. Brain Research, 2021, 1762, 147427.	2.2	16
393	Phrenic paresis and respiratory insufficiency associated with cervical spondylotic myelopathy. Acta Neurochirurgica, 2004, 146, 309-312.	1.7	15
394	Modulating the healthy and affected motor cortex with repetitive transcranial magnetic stimulation in stroke: Development of new strategies for neurorehabilitation. NeuroRehabilitation, 2008, 23, 3-14.	1.3	15
395	Letters to the editor. Medical Teacher, 2010, 32, 270-272.	1.8	15
396	Combination of noninvasive brain stimulation with pharmacotherapy. Expert Review of Medical Devices, 2011, 8, 31-39.	2.8	15

#	Article	IF	Citations
397	Therapeutic time window of noninvasive brain stimulation for pain treatment: inhibition of maladaptive plasticity with early intervention. Expert Review of Medical Devices, 2013, 10, 339-352.	2.8	15
398	Methods to focalize noninvasive electrical brain stimulation: principles and future clinical development for the treatment of pain. Expert Review of Neurotherapeutics, 2013, 13, 465-467.	2.8	15
399	Effects of Sensory Behavioral Tasks on Pain Threshold and Cortical Excitability. PLoS ONE, 2013, 8, e52968.	2.5	15
400	Paraspinous Lidocaine Injection for Chronic Nonspecific Low Back Pain: A Randomized Controlled Clinical Trial. Journal of Pain, 2016, 17, 569-576.	1.4	15
401	Effects of Transcranial Direct Current Stimulation, Transcranial Pulsed Current Stimulation, and Their Combination on Brain Oscillations in Patients with Chronic Visceral Pain: A Pilot Crossover Randomized Controlled Study. Frontiers in Neurology, 2017, 8, 576.	2.4	15
402	Effects of Transcranial Direct Current Stimulation Block Remifentanil-Induced Hyperalgesia: A Randomized, Double-Blind Clinical Trial. Frontiers in Pharmacology, 2018, 9, 94.	3.5	15
403	Impact of Therapeutic Interventions on Pain Intensity and Endogenous Pain Modulation in Knee Osteoarthritis: A Systematic Review and Meta-analysis. Pain Medicine, 2019, 20, 1000-1011.	1.9	15
404	Appraising the effectiveness of electrical and magnetic brain stimulation techniques in acute major depressive episodes: an umbrella review of meta-analyses of randomized controlled trials. Revista Brasileira De Psiquiatria, 2021, 43, 514-524.	1.7	15
405	EEG theta and beta bands as brain oscillations for different knee osteoarthritis phenotypes according to disease severity. Scientific Reports, 2022, 12, 1480.	3.3	15
406	Use of repetitive transcranial magnetic stimulation for the management of bipolar disorder during the postpartum period. Brain Stimulation, 2008, 1, 224-226.	1.6	14
407	Neurophysiologic Correlates of Post-stroke Mood and Emotional Control. Frontiers in Human Neuroscience, 2016, 10, 428.	2.0	14
408	Behavioral effects of transcranial pulsed current stimulation (tPCS): Speed-accuracy tradeoff in attention switching task. Neuroscience Research, 2016, 109, 48-53.	1.9	14
409	Transcranial direct current stimulation (tDCS) neuromodulatory effects on mechanical hyperalgesia and cortical BDNF levels in ovariectomized rats. Life Sciences, 2016, 145, 233-239.	4.3	14
410	Neuromodulation as a cognitive enhancement strategy in healthy older adults: promises and pitfalls. Aging, Neuropsychology, and Cognition, 2017, 24, 158-185.	1.3	14
411	Assessment of the accuracy of portable monitors for halitosis evaluation in subjects without malodor complaint. Are they reliable for clinical practice?. Journal of Applied Oral Science, 2017, 25, 559-565.	1.8	14
412	Specific Electroencephalographic Signatures for Pain and Descending Pain Inhibitory System in Spinal Cord Injury. Pain Medicine, 2022, 23, 955-964.	1.9	14
413	Reversal of TMS-induced motor twitch by training is associated with a reduction in excitability of the antagonist muscle. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 46.	4.6	13
414	Epidural Direct Current Stimulation Over the Left Medial Prefrontal Cortex Facilitates Spatial Working Memory Performance in Rats. Brain Stimulation, 2013, 6, 261-269.	1.6	13

#	Article	IF	Citations
415	Transcranial Direct Current Stimulation in de novo Artistic Ability After Stroke. Neuromodulation, 2014, 17, 497-501.	0.8	13
416	Computer task performance by subjects with Duchenne muscular dystrophy. Neuropsychiatric Disease and Treatment, 2016, 12, 41.	2.2	13
417	Neurophysiological measurements of affected and unaffected motor cortex from a cross-sectional, multi-center individual stroke patient data analysis study. Neurophysiologie Clinique, 2016, 46, 53-61.	2.2	13
418	Transcranial direct current stimulation combined with integrative speech therapy in a child with cerebral palsy: A case report. Journal of Bodywork and Movement Therapies, 2016, 20, 252-257.	1.2	13
419	Strategies for replacing non-invasive brain stimulation sessions: recommendations for designing neurostimulation clinical trials. Expert Review of Medical Devices, 2017, 14, 633-649.	2.8	13
420	Insights About the Neuroplasticity State on the Effect of Intramuscular Electrical Stimulation in Pain and Disability Associated With Chronic Myofascial Pain Syndrome (MPS): A Double-Blind, Randomized, Sham-Controlled Trial. Frontiers in Human Neuroscience, 2018, 12, 388.	2.0	13
421	Transcranial direct current stimulation (tDCS) affects neuroinflammation parameters and behavioral seizure activity in pentylenetetrazole-induced kindling in rats. Neuroscience Letters, 2020, 735, 135162.	2.1	13
422	Impact of Age on tDCS Effects on Pain Threshold and Working Memory: Results of a Proof of Concept Cross-Over Randomized Controlled Study. Frontiers in Aging Neuroscience, 2020, 12, 189.	3.4	13
423	Deficit of Inhibition as a Marker of Neuroplasticity (DEFINE Study) in Rehabilitation: A Longitudinal Cohort Study Protocol. Frontiers in Neurology, 2021, 12, 695406.	2.4	13
424	Analgesic Effects of Noninvasive Brain Stimulation in Rodent Animal Models: A Systematic Review of Translational Findings. Neuromodulation, 2012, 15, 283-295.	0.8	12
425	Dissociation of Motor Task-Induced Cortical Excitability and Pain Perception Changes in Healthy Volunteers. PLoS ONE, 2012, 7, e34273.	2.5	12
426	Psychological Sequelae of the Station Nightclub Fire: Comparing Survivors with and without Physical Injuries Using a Mixed-Methods Analysis. PLoS ONE, 2014, 9, e115013.	2.5	12
427	Differences in methodological quality between positive and negative published clinical trials. Journal of Advanced Nursing, 2014, 70, 2389-2403.	3.3	12
428	Motor Cortex Plasticity in Children With Spastic Cerebral Palsy: A Systematic Review. Journal of Motor Behavior, 2017, 49, 355-364.	0.9	12
429	Transcranial Direct Current Stimulation Among Technologies for Low-Intensity Transcranial Electrical Stimulation: Classification, History, and Terminology. , 2019, , 3-43.		12
430	Emerging targets and uses of neuromodulation for pain. Expert Review of Neurotherapeutics, 2019, 19, 109-118.	2.8	12
431	Top 100 cited noninvasive neuromodulation clinical trials. Expert Review of Medical Devices, 2019, 16, 451-466.	2.8	12
432	Transcranial Direct Current Stimulation Optimization â€“ From Physics-Based Computer Simulations to High-Fidelity Head Phantom Fabrication and Measurements. Frontiers in Human Neuroscience, 2019, 13, 388.	2.0	12

#	Article	IF	Citations
433	Distinct behavioral response of primary motor cortex stimulation in itch and pain after burn injury. Neuroscience Letters, 2019, 690, 89-94.	2.1	12
434	Intracortical Inhibition in the Affected Hemisphere in Limb Amputation. Frontiers in Neurology, 2020, 11, 720.	2.4	12
435	Transcranial direct current stimulation for fatigue in patients with Sjogrenâ€™s syndrome: A randomized, double-blind pilot study. Brain Stimulation, 2021, 14, 141-151.	1.6	12
436	Central Post-Stroke Pain: An Integrative Review of Somatotopic Damage, Clinical Symptoms, and Neurophysiological Measures. Frontiers in Neurology, 2021, 12, 678198.	2.4	12
437	Beta-band oscillations as a biomarker of gait recovery in spinal cord injury patients: A quantitative electroencephalography analysis. Clinical Neurophysiology, 2020, 131, 1806-1814.	1.5	12
438	Exercise-induced pain threshold modulation in healthy subjects: a systematic review and meta-analysis.. Principles and Practice of Clinical Research Journal, 2020, 6, 11-28.	0.1	12
439	Risk factors of pain, physical function, and health-related quality of life in elderly people with knee osteoarthritis: A cross-sectional study. Heliyon, 2020, 6, e05723.	3.2	12
440	Modulation of the cognitive event-related potential P3 by transcranial direct current stimulation: Systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2022, 132, 894-907.	6.1	12
441	Transcranial Pulsed-Current Stimulation versus Transcranial Direct Current Stimulation in Patients with Disorders of Consciousness: A Pilot, Sham-Controlled Cross-Over Double-Blind Study. Brain Sciences, 2022, 12, 429.	2.3	12
442	Non-invasive neuromodulation effects on painful diabetic peripheral neuropathy: a systematic review and meta-analysis. Scientific Reports, 2020, 10, 19184.	3.3	11
443	tDCS and exercise improve anxiety-like behavior and locomotion in chronic pain rats via modulation of neurotrophins and inflammatory mediators. Behavioural Brain Research, 2021, 404, 113173.	2.2	11
444	Robot-Assisted Therapy and Constraint-Induced Movement Therapy for Motor Recovery in Stroke: Results From a Randomized Clinical Trial. Frontiers in Neurorobotics, 2021, 15, 684019.	2.8	11
445	Transcranial Magnetic Stimulation in Neurology: What We Have Learned From Randomized Controlled Studies. Neuromodulation, 2007, 10, 333-344.	0.8	10
446	RANDOMIZED CONTROLLED CLINICAL TRIALS IN ORTHOPEDICS: DIFFICULTIES AND LIMITATIONS. Revista Brasileira De Ortopedia, 2011, 46, 452-459.	0.6	10
447	Bone Loss in Chronic Hemiplegia: A Longitudinal Cohort Study. Journal of Clinical Densitometry, 2013, 16, 160-167.	1.2	10
448	Editorial: The Role of Primary Motor Cortex as a Marker and Modulator of Pain Control and Emotional-Affective Processing. Frontiers in Human Neuroscience, 2017, 11, 270.	2.0	10
449	PER3 variable number tandem repeat (VNTR) polymorphism modulates the circadian variation of the descending pain modulatory system in healthy subjects. Scientific Reports, 2019, 9, 9363.	3.3	10
450	Home-Based Transcranial Direct Current Stimulation (tDCS) to Prevent and Treat Symptoms Related to Stress: A Potential Tool to Remediate the Behavioral Consequences of the COVID-19 Isolation Measures?. Frontiers in Integrative Neuroscience, 2020, 14, 46.	2.1	10

#	Article	IF	Citations
451	No aftereffects of high current density 10ÂHz and 20ÂHz tACS on sensorimotor alpha and beta oscillations. Scientific Reports, 2021, 11, 21416.	3.3	10
452	Increased motor cortex inhibition as a marker of compensation to chronic pain in knee osteoarthritis. Scientific Reports, 2021, 11, 24011.	3.3	10
453	Clinical research in Latin America: obstacles and opportunities. Clinical Investigation, 2011, 1, 911-913.	0.0	9
454	Neurochemical correlates of cognitive dysfunction in patients with leukoaraiosis: a proton magnetic resonance spectroscopy study. Neurological Research, 2012, 34, 989-997.	1.3	9
455	Novel methods to optimize the effects of transcranial direct current stimulation: a systematic review of transcranial direct current stimulation patents. Expert Review of Medical Devices, 2015, 12, 679-688.	2.8	9
456	Mind wandering and the attention network system. Acta Psychologica, 2017, 172, 49-54.	1.5	9
457	Novel Insights of Effects of Pregabalin on Neural Mechanisms of Intracortical Disinhibition in Physiopathology of Fibromyalgia: An Explanatory, Randomized, Double-Blind Crossover Study. Frontiers in Human Neuroscience, 2018, 12, 406.	2.0	9
458	Robotic Arm Rehabilitation in Chronic Stroke Patients With Aphasia May Promote Speech and Language Recovery (but Effect Is Not Enhanced by Supplementary tDCS). Frontiers in Neurology, 2018, 9, 853.	2.4	9
459	Longitudinal Clinical Trial Recruitment and Retention Challenges in the Burn Population: Lessons Learned From a Trial Examining a Novel Intervention for Chronic Neuropathic Symptoms. Journal of Burn Care and Research, 2019, 40, 792-795.	0.4	9
460	Transcranial Direct Current Stimulation as an Add-on Treatment to Cognitive-Behavior Therapy in First Episode Drug-NaÃ¯ve Major Depression Patients: The ESAP Study Protocol. Frontiers in Psychiatry, 2020, 11, 563058.	2.6	9
461	The mapping of cortical activation by near-infrared spectroscopy might be a biomarker related to the severity of fibromyalgia symptoms. Scientific Reports, 2021, 11, 15754.	3.3	9
462	Modulating the healthy and affected motor cortex with repetitive transcranial magnetic stimulation in stroke: development of new strategies for neurorehabilitation. NeuroRehabilitation, 2008, 23, 3-14.	1.3	9
463	Pain severity and mobility one year after spinal cord injury: a multicenter, cross-sectional study. European Journal of Physical and Rehabilitation Medicine, 2016, 52, 630-636.	2.2	9
464	Working Memory Training Coupled With Transcranial Direct Current Stimulation in Older Adults: A Randomized Controlled Experiment. Frontiers in Aging Neuroscience, 2022, 14, 827188.	3.4	9
465	Accelerating response to antidepressant treatment in depression: A review and clinical suggestions. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 437-438.	4.8	8
466	Association of acute pancreatitis or high level of serum pancreatic enzymes in patients with acute spinal cord injury: a prospective study. Spinal Cord, 2014, 52, 817-820.	1.9	8
467	Higher-order power harmonics of pulsed electrical stimulation modulates corticospinal contribution of peripheral nerve stimulation. Scientific Reports, 2017, 7, 43619.	3.3	8
468	Patterns of brain oscillations across different electrode montages in transcranial pulsed current stimulation. NeuroReport, 2017, 28, 421-425.	1.2	8

#	Article	IF	Citations
469	White matter changes in corticospinal tract associated with improvement in arm and hand functions in incomplete cervical spinal cord injury: pilot case series. Spinal Cord Series and Cases, 2017, 3, 17028.	0.6	8
470	Response to letter to the editor: Safety of transcranial direct current stimulation: Evidence based update 2016. Brain Stimulation, 2017, 10, 986-987.	1.6	8
471	Understanding Negative Results in tDCS Research: The Importance of Neural Targeting and Cortical Engagement. Frontiers in Neuroscience, 2017, 11, 707.	2.8	8
472	Higher Cortical Facilitation and Serum BDNF Are Associated with Increased Sensitivity to Heat Pain and Reduced Endogenous Pain Inhibition in Healthy Males. Pain Medicine, 2018, 19, 1578-1586.	1.9	8
473	Study adherence in a tDCS longitudinal clinical trial with people with spinal cord injury. Spinal Cord, 2018, 56, 502-508.	1.9	8
474	Developing an optimized strategy with transcranial direct current stimulation to enhance the endogenous pain control system in fibromyalgia. Expert Review of Medical Devices, 2018, 15, 863-873.	2.8	8
475	Median nerve stimulation induced motor learning in healthy adults: A study of timing of stimulation and type of learning. European Journal of Neuroscience, 2018, 48, 1667-1679.	2.6	8
476	Comparison of Hypnotic Suggestion and Transcranial Direct-Current Stimulation Effects on Pain Perception and the Descending Pain Modulating System: A Crossover Randomized Clinical Trial. Frontiers in Neuroscience, 2019, 13, 662.	2.8	8
477	Understanding intracortical excitability in phantom limb pain: A multivariate analysis from a multicenter randomized clinical trial. Neurophysiologie Clinique, 2021, 51, 161-173.	2.2	8
478	Transcranial direct current stimulation combined with robotic training in incomplete spinal cord injury: a randomized, sham-controlled clinical trial. Spinal Cord Series and Cases, 2021, 7, 87.	0.6	8
479	Evidence-based decision making during COVID-19 pandemic. Principles and Practice of Clinical Research Journal, 2020, 6, 1-2.	0.1	8
480	Treatment of subclavian steal syndrome with percutaneous transluminal angioplasty and stenting: case report. Arquivos De Neuro-Psiquiatria, 2003, 61, 95-99.	0.8	7
481	How to develop research capacity using a collaborative training approach: The International Society of Physical and Rehabilitation Medicine (ISPRM) international training program experience. Journal of Rehabilitation Medicine, 2009, 41, 295-296.	1.1	7
482	Neuromodulatory Approaches for Chronic Pain Management: Research Findings and Clinical Implications. Journal of Neurotherapy, 2009, 13, 196-213.	0.9	7
483	Isokinetic muscle strength and knee function associated with double femoral pin fixation and fixation with interference screw in anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 275-280.	4.2	7
484	Contribution of Corticospinal Modulation and Total Electrical Energy for Peripheral-Nerve-Stimulation-Induced Neuroplasticity as Indexed by Additional Muscular Force. Brain Stimulation, 2016, 9, 133-140.	1.6	7
485	Transcranial direct current stimulation inÂindividuals with spinal cord injury: Assessment of autonomic nervous system activity. Restorative Neurology and Neuroscience, 2017, 35, 159-169.	0.7	7
486	Using Biophysical Models to Understand the Effect of tDCS on Neurorehabilitation: Searching for Optimal Covariates to Enhance Poststroke Recovery. Frontiers in Neurology, 2017, 8, 58.	2.4	7

#	Article	IF	Citations
487	Evaluation of fascial manipulation in carpal tunnel syndrome: a pilot randomized clinical trial. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 630-631.	2.2	7
488	Huperzine A for the treatment of cognitive, mood, and functional deficits after moderate and severe TBI (HUP-TBI): results of a Phase II randomized controlled pilot study: implications for understanding the placebo effect. Brain Injury, 2020, 34, 34-41.	1.2	7
489	Transcranial Direct Current Stimulation (tDCS) Induces Analgesia in Rats with Neuropathic Pain and Alcohol Abstinence. Neurochemical Research, 2020, 45, 2653-2663.	3.3	7
490	Neuromodulation in hypoxic-ischemic injury. Brain Stimulation, 2009, 2, 179-181.	1.6	6
491	IMPORTANCE trial: a provisional study-design of a single-center, phase II, double-blinded, placebo-controlled, randomized, 4-week study to compare the efficacy and safety of intranasal esketamine in chronic opioid refractory pain. F1000Research, 2021, 10, 42.	1.6	6
492	Electroencephalography as a Biomarker for Functional Recovery in Spinal Cord Injury Patients. Frontiers in Human Neuroscience, 2021, 15, 548558.	2.0	6
493	Is the relationship between mind wandering and attention culture-specific?. Psychology and Neuroscience, 2017, 10, 132-143.	0.8	6
494	Pain perception in chronic knee osteoarthritis with varying levels of pain inhibitory control: an exploratory study. Scandinavian Journal of Pain, 2020, 20, 651-661.	1.3	6
495	The Analgesic Effect of Transcranial Direct Current Stimulation (tDCS) combined with Physical Therapy on Common Musculoskeletal Conditions: A Systematic Review and Meta-Analysis. Principles and Practice of Clinical Research Journal, 2020, 6, 23-26.	0.1	6
496	Hyper-connectivity between the left motor cortex and prefrontal cortex is associated with the severity of dysfunction of the descending pain modulatory system in fibromyalgia. PLoS ONE, 2022, 17, e0247629.	2.5	6
497	Towards novel treatments for paediatric stroke: is transcranial magnetic stimulation beneficial?. Lancet Neurology, The, 2008, 7, 472-473.	10.2	5
498	Transcranial Direct Current Stimulation: A Novel Approach to Control Hyperphagia in Prader-Willi Syndrome. Journal of Child Neurology, 2009, 24, 642-643.	1.4	5
499	Exploring a long-term global approach for musculoskeletal ultrasound training: WORLD-MUSCULUS. Journal of Rehabilitation Medicine, 2012, 44, 991-992.	1.1	5
500	A Combined Therapeutic Approach in Stroke Rehabilitation: A Review on Non-Invasive Brain Stimulation plus Pharmacotherapy. International Journal of Neurorehabilitation, 2014, 01, .	0.1	5
501	Chronic Pain Following Physical and Emotional Trauma: The Station Nightclub Fire. Frontiers in Neurology, 2014, 5, 86.	2.4	5
502	Five-year review of an international clinical research-training program. Advances in Medical Education and Practice, 2015, 6, 249.	1.5	5
503	Degos disease – malignant atrophic papulosis or cutaneointestinal lethal syndrome: rarity of the disease. Clinical and Experimental Gastroenterology, 2015, 8, 141.	2.3	5
504	Transcranial direct current stimulation effects on menopausal vasomotor symptoms. Menopause, 2017, 24, 1122-1128.	2.0	5

#	Article	IF	Citations
505	CNS Non-invasive Brain Stimulation. , 2018, , 151-184.		5
506	Principles of Designing a Clinical Trial: Optimizing Chances of Trial Success. Current Behavioral Neuroscience Reports, 2018, 5, 143-152.	1.3	5
507	Transcranial direct current stimulation to prevent and treat surgery-induced opioid dependence: a systematic review. Pain Management, 2019, 9, 93-106.	1.5	5
508	The Hypnotic Analgesia Suggestion Mitigated the Effect of the Transcranial Direct Current Stimulation on the Descending Pain Modulatory System: A Proof of Concept Study . Journal of Pain Research, 2020, Volume 13, 2297-2311.	2.0	5
509	EEG modulation by different transcranial direct current stimulation (tDCS) montages: a randomized double-blind sham-control mechanistic pilot trial in healthy participants. Expert Review of Medical Devices, 2021, 18, 107-120.	2.8	5
510	Bimodal transcranial direct current stimulation reduces alcohol consumption and induces long-term neurochemical changes in rats with neuropathic pain. Neuroscience Letters, 2021, 759, 136014.	2.1	5
511	The past, present and future of clinical research. Clinics, 2011, 66, 931-932.	1.5	5
512	A Preliminary Study on qEEG in Burn Patients With Chronic Pruritus. Annals of Rehabilitation Medicine, 2017, 41, 693.	1.6	5
513	Clinical research in pediatric organ transplantation. Clinics, 2014, 69, 73-75.	1.5	5
514	CNS or Classic Drugs for the Treatment of Pain in Functional Dyspepsia? A Systematic Review and Meta-Analysis of the Literature. Pain Physician, 2008, 5;11, 597-609.	0.4	5
515	Recruitment characteristics and non-adherence associated factors of fibromyalgia patients in a randomized clinical trial: A retrospective survival analysis. Contemporary Clinical Trials Communications, 2021, 24, 100860.	1.1	5
516	Factors supporting availability of home-based Neuromodulation using remote supervision in middle-income countries; Brazil experience. Brain Stimulation, 2022, 15, 385-387.	1.6	5
517	Favorable and unfavorable lactation modulates the effects of electrical stimulation on brain excitability: A spreading depression study in adult rats. Life Sciences, 2012, 91, 306-311.	4.3	4
518	Cerebral Blood Flow Changes After Transcranial Direct Current Stimulation for a Patient With Schizophrenia: a Case Report. Journal of Neuropsychiatry and Clinical Neurosciences, 2014, 26, E03-E05.	1.8	4
519	The Effect of Transcranial Direct Current Stimulation on Jaw Motor Function Is Task Dependent: Speech, Syllable Repetition and Chewing. Frontiers in Human Neuroscience, 2018, 12, 33.	2.0	4
520	Transcranial Alternating Current Stimulation and Transcranial Random Noise Stimulation. , 2018, , 1611-1617.		4
521	Real-time Video Projection in an MRI for Characterization of Neural Correlates Associated with Mirror Therapy for Phantom Limb Pain. Journal of Visualized Experiments, 2019, , .	0.3	4
522	Transcranial Electrical Stimulation (tES) for the Treatment of Neuropsychiatric Disorders Across Lifespan. European Psychologist, 2016, 21, 78-95.	3.1	4

#	Article	IF	Citations
523	Pesquisa cardiovascular: novo modelo de programa de treinamento colaborativo. Arquivos Brasileiros De Cardiologia, 2010, 95, 281-282.	0.8	4
524	Transient visual changes associated with repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex in cases of major depression. Revista Brasileira De Psiquiatria, 2006, 28, 251-251.	1.7	4
525	Additive effect of transcranial direct current stimulation (tDCS) in combination with multicomponent training on elderly physical function capacity: a randomized, triple blind, controlled trial. Physiotherapy Theory and Practice, 2023, 39, 2352-2365.	1.3	4
526	Temporal Summation in Fibromyalgia Patients: Comparing Phasic and Tonic Paradigms. Frontiers in Pain Research, 0, 3, .	2.0	4
527	Pure Alexia and Hemianopia Related to Dissection of the Internal Carotid Artery. Cerebrovascular Diseases, 2003, 15, 151-152.	1.7	3
528	Efficacy and Safety of Prefrontal Repetitive Transcranial Magnetic Stimulation in Affective Disorders. , 2007, 23, 53-83.		3
529	Feasibility of a home constraint-induced movement therapy for hand weakness after stroke. Journal of Rehabilitation Medicine, 2009, 41, 92-93.	1.1	3
530	Analgesia with Noninvasive Electrical Cortical Stimulation. Anesthesia and Analgesia, 2010, 111, 1083-1085.	2.2	3
531	Is sertraline plus transcranial direct current stimulation the future of effective depression treatment?. Journal of Comparative Effectiveness Research, 2013, 2, 213-215.	1.4	3
532	Strategies to enhance recruitment methods in phantom limb pain clinical trials. International Journal of Clinical Trials, 2017, 4, 72.	0.2	3
533	Feasibility of remotely-supervised tDCS in a person with neuropathic pain due to spinal cord injury. Journal of Spinal Cord Medicine, 2018, 41, 547-548.	1.4	3
534	Cross-modal cueing effects of visuospatial attention on conscious somatosensory perception. Heliyon, 2018, 4, e00595.	3.2	3
535	Methodological Considerations for Transcranial Direct Current Stimulation in Clinical Trials. , 2019, , 347-377.		3
536	Effects of tDCS on spontaneous spike activity in a healthy ambulatory rat model. Brain Stimulation, 2020, 13, 1566-1576.	1.6	3
537	Longer Cortical Silent Period Length Is Associated to Binge Eating Disorder: An Exploratory Study. Frontiers in Psychiatry, 2020, 11, 559966.	2.6	3
538	A review of burn symptoms and potential novel neural targets for non-invasive brain stimulation for treatment of burn sequelae. Burns, 2021, 47, 525-537.	1.9	3
539	Addressing the critical role of gender identity and sex in the planning, analysis, and conduct of clinical trials. Principles and Practice of Clinical Research Journal, 2021, 7, 59-62.	0.1	3
540	TRANSCRANIAL DIRECT-CURRENT STIMULATION IN COMBINATION WITH EXERCISE: A SYSTEMATIC REVIEW. Revista Brasileira De Medicina Do Esporte, 2019, 25, 520-526.	0.2	3

#	Article	IF	Citations
541	Repetitive transcranial magnetic stimulation for the treatment of depression. Journal of Psychiatry and Neuroscience, 2005, 30, 434; author reply 434-5.	2.4	3
542	Home-based transcranial direct current stimulation (tDCS) and motor imagery for phantom limb pain using statistical learning to predict treatment response: an open-label study protocol. Principles and Practice of Clinical Research Journal, 2021, 7, 8-22.	0.1	3
543	Characterisation of Phantom Limb Pain in Traumatic Lower-Limb Amputees. Pain Research and Management, 2021, 2021, 1-7.	1.8	3
544	Magnetic Resonance Imaging of Wallerian Degeneration in Stroke. Archives of Neurology, 2003, 60, 1466.	4.5	2
545	New perspectives on techniques for the clinical psychiatrist: Brain stimulation, chronobiology and psychiatric brain imaging. Psychiatry and Clinical Neurosciences, 2008, 62, 627-637.	1.8	2
546	Challenges in consenting subjects for studies with brain stimulation: feasibility of multimedia video use during the informed consent process. Brain Stimulation, 2009, 2, 174-178.	1.6	2
547	RE: CHALLENGES AND RECOMMENDATIONS FOR PLACEBO CONTROLS IN RANDOMIZED TRIALS IN PHYSICAL AND REHABILITATION MEDICINE: A REPORT OF THE INTERNATIONAL PLACEBO SYMPOSIUM WORKING GROUP. American Journal of Physical Medicine and Rehabilitation, 2010, 89, 1046-1047.	1.4	2
548	Neurophysiological Effects of Transcranial Direct Current Stimulation. , 2011, , 319-349.		2
549	Prefrontal cortex transcranial direct current stimulation via a combined high definition and conventional electrode montage: A FEM modeling studying [PDF Not Yet Available In IEEE Xplore]. , 2012, , .		2
550	Therapeutic Applications of Transcranial Magnetic Stimulation/Transcranial Direct Current Stimulation in Neurology. Frontiers in Neuroscience, 2012, , 359-412.	0.0	2
551	Transcranial direct current stimulation for major depression: an updated systematic review and meta-analysisÂâ€“ÂERRATUM. International Journal of Neuropsychopharmacology, 2014, 17, 1539.	2.1	2
552	A novel EEG-based tool for objective assessment of pain in fibromyalgia patients under high-definition tDCS treatment. Brain Stimulation, 2015, 8, 425.	1.6	2
553	The Combined Use of Transcranial Direct Current Stimulation and Robotic Therapy for the Upper Limb. Journal of Visualized Experiments, 2018, , .	0.3	2
554	Age as a Mediator of tDCS Effects on Pain: An Integrative Systematic Review and Meta-Analysis. Frontiers in Human Neuroscience, 2020, 14, 568306.	2.0	2
555	Transcranial direct current stimulation effects on hand sensibility as measured by an objective quantitative analysis device: a randomized single-blind sham-control crossover clinical trial. NeuroReport, 2020, 31, 406-410.	1.2	2
556	To Combine or Not to Combine Physical Therapy With tDCS for Stroke With Shoulder Pain? Analysis From a Combination Randomized Clinical Trial for Rehabilitation of Painful Shoulder in Stroke. Frontiers in Pain Research, 2021, 2, 696547.	2.0	2
557	Repetitive Transcranial Magnetic Stimulation (rTMS) Reverses the Long-term Memory Impairment and the Decrease of Hippocampal Interleukin-10 Levels, both Induced by Neuropathic Pain in Rats. Neuroscience, 2021, 472, 51-59.	2.3	2
558	Non-Invasive Brain Stimulation As A Therapeutic And Investigative Tool: An Ethical Appraisal. , 2011, , .		2

#	Article	IF	Citations
559	Static Magnetic Stimulation Induces Cell-type Specific Alterations in the Viability of SH-SY5Y Neuroblastoma Cell Line. Anticancer Research, 2020, 40, 5151-5158.	1.1	2
560	O retorno da estimulaÃ§Ã£o cerebral na terapÃªutica dos transtornos neuropsiquiÃ¡tricos: o papel da estimulaÃ§Ã£o magnÃ©tica transcraniana na prÃ¡tica clÃnica. Revista De Psiquiatria Clinica, 2004, 31, 221-230.	0.6	1
561	Modulation in Motor Threshold After a Severe Episode of Gastrointestinal Distress. Journal of ECT, 2004, 20, 50-51.	0.6	1
562	Comparison between digital subtraction angiography and magnetic resonance angiography in investigation of nonlacunar ischemic stroke in young patients: preliminary results. Arquivos De Neuro-Psiquiatria, 2006, 64, 353-358.	0.8	1
563	Transcranial direct current stimulation. , 2009, , 573-582.		1
564	Bench to Clinical Translational Applications of Noninvasive Brain Stimulation. Neuromodulation, 2012, 15, 281-282.	0.8	1
565	INTRODUCTION. International Journal of Neural Systems, 2013, 23, 1203003.	5.2	1
566	Transcranial Magnetic Stimulation: Future Prospects and Ethical Concerns in Treatment and Research. , 2013, , 209-234.		1
567	Transcranial Magnetic Stimulation. , 2018, , 1577-1587.		1
568	Transcranial direct current stimulation (tDCS) for improving fatigue, motor function, and pain in people with multiple sclerosis. The Cochrane Library, 0, , .	2.8	1
569	tDCS in the Context of Rehabilitation. , 2021, , 653-663.		1
570	Barriers and facilitators for clinical trial participation of underrepresented and non-underrepresented fibromyalgia patients: A cross-sectional internet survey. Heliyon, 2021, 7, e07475.	3.2	1
571	Is transcranial magnetic stimulation useful in posttraumatic disorders?. Neural Regeneration Research, 2015, 10, 1528.	3.0	1
572	Transcranial direct current stimulation alters anxious-like behavior and neural parameters in rats with chronic pain exposed to alcohol. Journal of Psychiatric Research, 2021, 144, 369-377.	3.1	1
573	Uma janela terapÃªutica para a estimulaÃ§Ã£o magnÃ©tica transcraniana na epilepsia refratÃ¡ria. Journal of Epilepsy and Clinical Neurophysiology, 2005, 11, 177-181.	0.1	0
574	Cortical stimulation with weak electrical currents for cognitive modulation in attention deficit hyperactivity disorder. Medical Hypotheses, 2009, 72, 613-614.	1.5	0
575	Modulation of inhibitory systems to enhance motor rehabilitation: Insights for the use of noninvasive brain stimulation.. Psychology and Neuroscience, 2010, 3, 151-160.	0.8	0
576	Transcranial direct current stimulation (tDCS): a promising technique to enhance behavioral training?. Physical Therapy Reviews, 2010, 15, 360-361.	0.8	0

#	Article	IF	Citations
577	Evidence-based medicine in the management of chronic pain using noninvasive brain stimulation. Pain Management, 2012, 2, 531-533.	1.5	0
578	Regulatory Aspects. , 2016, , 383-392.		0
579	Editorial: NEUROTRAUMA: From Emergency Room to Back to Day-by-Day Life. Frontiers in Neurology, 2018, 9, 776.	2.4	0
580	Tumors of theÂCentral Nervous System. Neuromethods, 2018, , 339-363.	0.3	0
581	Optimization of Noninvasive Brain Stimulation Clinical Trials. , 2018, , 1627-1635.		0
582	High-Frequency Transcranial Magnetic Stimulation Improves Motor Performance in Individuals with Incomplete Spinal Cord Injury. IFMBE Proceedings, 2019, , 229-233.	0.3	0
583	S-Ketamineâ€™s Effect Changes the Cortical Electrophysiological Activity Related to Semantic Affective Dimension of Pain: A Placebo- Controlled Study in Healthy Male Individuals. Frontiers in Neuroscience, 2019, 13, 959.	2.8	0
584	Regulatory Aspects. , 2021, , 757-766.		0
585	Transcranial direct current stimulation (tDCS) for improving fatigue, motor function, and pain in people with multiple sclerosis. The Cochrane Library, 2021, 2021, .	2.8	0
586	Effects of Transcranial Direct Current Stimulation on Hemodynamic Responses to Pain. FASEB Journal, 2013, 27, 697.28.	0.5	0
587	Future of Clinical Trials in Neurology. Neuromethods, 2018, , 519-527.	0.3	0
588	Generating a Hypothesis for an Oncology Study. , 2018, , 9-22.		0
589	Disorders of Consciousness. Neuromethods, 2018, , 63-104.	0.3	0
590	Accelerating the translation of research findings to clinical practice: insights from phantom limb pain clinical trials. Principles and Practice of Clinical Research Journal, 2021, 7, 1-7.	0.1	0
591	Title is missing!. , 2020, 15, e0239175.		0
592	Title is missing!. , 2020, 15, e0239175.		0
593	Title is missing!. , 2020, 15, e0239175.		0
594	Title is missing!. , 2020, 15, e0239175.		0