

Felipe Fregni

List of Publications by Year in descending order

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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	Additive effect of transcranial direct current stimulation (tDCS) in combination with multicomponent training on elderly physical function capacity: a randomized, triple blind, controlled trial. <i>Physiotherapy Theory and Practice</i> , 2023, 39, 2352-2365.	1.3	4
2	Specific Electroencephalographic Signatures for Pain and Descending Pain Inhibitory System in Spinal Cord Injury. <i>Pain Medicine</i> , 2022, 23, 955-964.	1.9	14
3	Modulation of the cognitive event-related potential P3 by transcranial direct current stimulation: Systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 894-907.	6.1	12
4	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. <i>Journal of Pain</i> , 2022, 23, 641-656.	1.4	23
5	EEG theta and beta bands as brain oscillations for different knee osteoarthritis phenotypes according to disease severity. <i>Scientific Reports</i> , 2022, 12, 1480.	3.3	15
6	Factors supporting availability of home-based Neuromodulation using remote supervision in middle-income countries; Brazil experience. <i>Brain Stimulation</i> , 2022, 15, 385-387.	1.6	5
7	Transcranial Pulsed-Current Stimulation versus Transcranial Direct Current Stimulation in Patients with Disorders of Consciousness: A Pilot, Sham-Controlled Cross-Over Double-Blind Study. <i>Brain Sciences</i> , 2022, 12, 429.	2.3	12
8	Working Memory Training Coupled With Transcranial Direct Current Stimulation in Older Adults: A Randomized Controlled Experiment. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 827188.	3.4	9
9	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. <i>PLoS ONE</i> , 2022, 17, e0247629.	2.5	6
10	Mapping of predictors of the disengagement of the descending inhibitory pain modulation system in fibromyalgia: an exploratory study. <i>British Journal of Pain</i> , 2021, 15, 221-233.	1.5	16
11	A review of burn symptoms and potential novel neural targets for non-invasive brain stimulation for treatment of burn sequelae. <i>Burns</i> , 2021, 47, 525-537.	1.9	3
12	Evidence-Based Guidelines and Secondary Meta-Analysis for the Use of Transcranial Direct Current Stimulation in Neurological and Psychiatric Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 256-313.	2.1	277
13	Transcranial direct current stimulation for fatigue in patients with Sjogren's syndrome: A randomized, double-blind pilot study. <i>Brain Stimulation</i> , 2021, 14, 141-151.	1.6	12
14	EEG modulation by different transcranial direct current stimulation (tDCS) montages: a randomized double-blind sham-control mechanistic pilot trial in healthy participants. <i>Expert Review of Medical Devices</i> , 2021, 18, 107-120.	2.8	5
15	Neuroplasticity and non-invasive brain stimulation in the developing brain. <i>Progress in Brain Research</i> , 2021, 264, 57-89.	1.4	17
16	Regulatory Aspects. , 2021, , 757-766.		0
17	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. <i>F1000Research</i> , 2021, 10, 42.	1.6	6
18	tDCS in the Context of Rehabilitation. , 2021, , 653-663.		1

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19	Understanding intracortical excitability in phantom limb pain: A multivariate analysis from a multicenter randomized clinical trial. <i>Neurophysiologie Clinique</i> , 2021, 51, 161-173.	2.2	8
20	The effects of direct current stimulation and random noise stimulation on attention networks. <i>Scientific Reports</i> , 2021, 11, 6201.	3.3	16
21	tDCS and exercise improve anxiety-like behavior and locomotion in chronic pain rats via modulation of neurotrophins and inflammatory mediators. <i>Behavioural Brain Research</i> , 2021, 404, 113173.	2.2	11
22	Electroencephalography as a Biomarker for Functional Recovery in Spinal Cord Injury Patients. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 548558.	2.0	6
23	Motor cortex transcranial direct current stimulation effects on knee osteoarthritis pain in elderly subjects with dysfunctional descending pain inhibitory system: A randomized controlled trial. <i>Brain Stimulation</i> , 2021, 14, 477-487.	1.6	21
24	Effects of Combined and Alone Transcranial Motor Cortex Stimulation and Mirror Therapy in Phantom Limb Pain: A Randomized Factorial Trial. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 704-716.	2.9	26
25	Barriers and facilitators for clinical trial participation of underrepresented and non-underrepresented fibromyalgia patients: A cross-sectional internet survey. <i>Heliyon</i> , 2021, 7, e07475.	3.2	1
26	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. <i>Frontiers in Pain Research</i> , 2021, 2, 696547.	2.0	2
27	Addressing the critical role of gender identity and sex in the planning, analysis, and conduct of clinical trials. <i>Principles and Practice of Clinical Research Journal</i> , 2021, 7, 59-62.	0.1	3
28	Robot-Assisted Therapy and Constraint-Induced Movement Therapy for Motor Recovery in Stroke: Results From a Randomized Clinical Trial. <i>Frontiers in Neurobotics</i> , 2021, 15, 684019.	2.8	11
29	rTMS induces analgesia and modulates neuroinflammation and neuroplasticity in neuropathic pain model rats. <i>Brain Research</i> , 2021, 1762, 147427.	2.2	16
30	Bimodal transcranial direct current stimulation reduces alcohol consumption and induces long-term neurochemical changes in rats with neuropathic pain. <i>Neuroscience Letters</i> , 2021, 759, 136014.	2.1	5
31	Deficit of Inhibition as a Marker of Neuroplasticity (DEFINE Study) in Rehabilitation: A Longitudinal Cohort Study Protocol. <i>Frontiers in Neurology</i> , 2021, 12, 695406.	2.4	13
32	The mapping of cortical activation by near-infrared spectroscopy might be a biomarker related to the severity of fibromyalgia symptoms. <i>Scientific Reports</i> , 2021, 11, 15754.	3.3	9
33	Central Post-Stroke Pain: An Integrative Review of Somatotopic Damage, Clinical Symptoms, and Neurophysiological Measures. <i>Frontiers in Neurology</i> , 2021, 12, 678198.	2.4	12
34	Transcranial direct current stimulation combined with robotic training in incomplete spinal cord injury: a randomized, sham-controlled clinical trial. <i>Spinal Cord Series and Cases</i> , 2021, 7, 87.	0.6	8
35	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. <i>Neuroscience</i> , 2021, 472, 51-59.	2.3	2
36	Transcranial direct current stimulation (tDCS) for improving fatigue, motor function, and pain in people with multiple sclerosis. <i>The Cochrane Library</i> , 2021, 2021, .	2.8	0

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37	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. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 514-524.	1.7	15
38	Transcranial direct current stimulation alters anxious-like behavior and neural parameters in rats with chronic pain exposed to alcohol. <i>Journal of Psychiatric Research</i> , 2021, 144, 369-377.	3.1	1
39	No aftereffects of high current density 10ÂHz and 20ÂHz tACS on sensorimotor alpha and beta oscillations. <i>Scientific Reports</i> , 2021, 11, 21416.	3.3	10
40	Recruitment characteristics and non-adherence associated factors of fibromyalgia patients in a randomized clinical trial: A retrospective survival analysis. <i>Contemporary Clinical Trials Communications</i> , 2021, 24, 100860.	1.1	5
41	Increased motor cortex inhibition as a marker of compensation to chronic pain in knee osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 24011.	3.3	10
42	Accelerating the translation of research findings to clinical practice: insights from phantom limb pain clinical trials. <i>Principles and Practice of Clinical Research Journal</i> , 2021, 7, 1-7.	0.1	0
43	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. <i>Principles and Practice of Clinical Research Journal</i> , 2021, 7, 8-22.	0.1	3
44	Characterisation of Phantom Limb Pain in Traumatic Lower-Limb Amputees. <i>Pain Research and Management</i> , 2021, 2021, 1-7.	1.8	3
45	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. <i>Brain Injury</i> , 2020, 34, 34-41.	1.2	7
46	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. <i>Journal of Pain</i> , 2020, 21, 212-224.	1.4	49
47	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109836.	4.8	96
48	<p>The Hypnotic Analgesia Suggestion Mitigated the Effect of the Transcranial Direct Current Stimulation on the Descending Pain Modulatory System: A Proof of Concept Study</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 2297-2311.	2.0	5
49	Age as a Mediator of tDCS Effects on Pain: An Integrative Systematic Review and Meta-Analysis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568306.	2.0	2
50	Intracortical Inhibition in the Affected Hemisphere in Limb Amputation. <i>Frontiers in Neurology</i> , 2020, 11, 720.	2.4	12
51	COVID-19 pandemic and Farr™s law: A global comparison and prediction of outbreak acceleration and deceleration rates. <i>PLoS ONE</i> , 2020, 15, e0239175.	2.5	16
52	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?. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 46.	2.1	10
53	Methods and strategies of tDCS for the treatment of pain: current status and future directions. <i>Expert Review of Medical Devices</i> , 2020, 17, 879-898.	2.8	56
54	Effects of tDCS on spontaneous spike activity in a healthy ambulatory rat model. <i>Brain Stimulation</i> , 2020, 13, 1566-1576.	1.6	3

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55	Transcranial Direct Current Stimulation (tDCS) Induces Analgesia in Rats with Neuropathic Pain and Alcohol Abstinence. <i>Neurochemical Research</i> , 2020, 45, 2653-2663.	3.3	7
56	Noninvasive motor cortex stimulation effects on quantitative sensory testing in healthy and chronic pain subjects: a systematic review and meta-analysis. <i>Pain</i> , 2020, 161, 1955-1975.	4.2	36
57	Longer Cortical Silent Period Length Is Associated to Binge Eating Disorder: An Exploratory Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 559966.	2.6	3
58	Transcranial Direct Current Stimulation as an Add-on Treatment to Cognitive-Behavior Therapy in First Episode Drug-Naïve Major Depression Patients: The ESAP Study Protocol. <i>Frontiers in Psychiatry</i> , 2020, 11, 563058.	2.6	9
59	Non-invasive neuromodulation effects on painful diabetic peripheral neuropathy: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2020, 10, 19184.	3.3	11
60	Transcranial direct current stimulation (tDCS) affects neuroinflammation parameters and behavioral seizure activity in pentylenetetrazole-induced kindling in rats. <i>Neuroscience Letters</i> , 2020, 735, 135162.	2.1	13
61	Neuromodulation Techniques in Phantom Limb Pain: A Systematic Review and Meta-analysis. <i>Pain Medicine</i> , 2020, 21, 2310-2322.	1.9	25
62	Protective and Risk Factors for Phantom Limb Pain and Residual Limb Pain Severity. <i>Pain Practice</i> , 2020, 20, 578-587.	1.9	21
63	Brain-Derived Neurotrophic Factor Modulates the Effect of Sex on the Descending Pain Modulatory System in Healthy Volunteers. <i>Pain Medicine</i> , 2020, 21, 2271-2279.	1.9	17
64	Noninvasive brain stimulation combined with exercise in chronic pain: a systematic review and meta-analysis. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 401-412.	2.8	28
65	Male and Female Physician Suicidality. <i>JAMA Psychiatry</i> , 2020, 77, 587.	11.0	103
66	Impact of Age on tDCS Effects on Pain Threshold and Working Memory: Results of a Proof of Concept Cross-Over Randomized Controlled Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 189.	3.4	13
67	Decreased neural inhibitory state in fibromyalgia pain: A cross-sectional study. <i>Neurophysiologie Clinique</i> , 2020, 50, 279-288.	2.2	20
68	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. <i>Spinal Cord</i> , 2020, 58, 635-646.	1.9	25
69	Motor Cortex Reorganization in Limb Amputation: A Systematic Review of TMS Motor Mapping Studies. <i>Frontiers in Neuroscience</i> , 2020, 14, 314.	2.8	47
70	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. <i>Brain Stimulation</i> , 2020, 13, 774-782.	1.6	26
71	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. <i>NeuroReport</i> , 2020, 31, 406-410.	1.2	2
72	Clinical impact of melatonin on breast cancer patients undergoing chemotherapy; effects on cognition, sleep and depressive symptoms: A randomized, double-blind, placebo-controlled trial. <i>PLoS ONE</i> , 2020, 15, e0231379.	2.5	58

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73	Beta-band oscillations as a biomarker of gait recovery in spinal cord injury patients: A quantitative electroencephalography analysis. <i>Clinical Neurophysiology</i> , 2020, 131, 1806-1814.	1.5	12
74	Pain perception in chronic knee osteoarthritis with varying levels of pain inhibitory control: an exploratory study. <i>Scandinavian Journal of Pain</i> , 2020, 20, 651-661.	1.3	6
75	Evidence-based decision making during COVID-19 pandemic. <i>Principles and Practice of Clinical Research Journal</i> , 2020, 6, 1-2.	0.1	8
76	Exercise-induced pain threshold modulation in healthy subjects: a systematic review and meta-analysis.. <i>Principles and Practice of Clinical Research Journal</i> , 2020, 6, 11-28.	0.1	12
77	Static Magnetic Stimulation Induces Cell-type Specific Alterations in the Viability of SH-SY5Y Neuroblastoma Cell Line. <i>Anticancer Research</i> , 2020, 40, 5151-5158.	1.1	2
78	The Analgesic Effect of Transcranial Direct Current Stimulation (tDCS) combined with Physical Therapy on Common Musculoskeletal Conditions: A Systematic Review and Meta-Analysis. <i>Principles and Practice of Clinical Research Journal</i> , 2020, 6, 23-26.	0.1	6
79	Risk factors of pain, physical function, and health-related quality of life in elderly people with knee osteoarthritis: A cross-sectional study. <i>Heliyon</i> , 2020, 6, e05723.	3.2	12
80	Title is missing!. , 2020, 15, e0239175.		0
81	Title is missing!. , 2020, 15, e0239175.		0
82	Title is missing!. , 2020, 15, e0239175.		0
83	Title is missing!. , 2020, 15, e0239175.		0
84	Comparison of Hypnotic Suggestion and Transcranial Direct-Current Stimulation Effects on Pain Perception and the Descending Pain Modulating System: A Crossover Randomized Clinical Trial. <i>Frontiers in Neuroscience</i> , 2019, 13, 662.	2.8	8
85	Combining Fluoxetine and rTMS in Poststroke Motor Recovery: A Placebo-Controlled Double-Blind Randomized Phase 2 Clinical Trial. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 643-655.	2.9	18
86	High-Frequency Transcranial Magnetic Stimulation Improves Motor Performance in Individuals with Incomplete Spinal Cord Injury. <i>IFMBE Proceedings</i> , 2019, , 229-233.	0.3	0
87	Searching for the optimal tDCS target for motor rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 90.	4.6	40
88	Recruitment challenges in stroke neurorecovery clinical trials. <i>Contemporary Clinical Trials Communications</i> , 2019, 15, 100404.	1.1	20
89	PER3 variable number tandem repeat (VNTR) polymorphism modulates the circadian variation of the descending pain modulatory system in healthy subjects. <i>Scientific Reports</i> , 2019, 9, 9363.	3.3	10
90	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. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198

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91	Functional Spectroscopy Mapping of Pain Processing Cortical Areas During Non-painful Peripheral Electrical Stimulation of the Accessory Spinal Nerve. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 200.	2.0	28
92	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. <i>Frontiers in Neuroscience</i> , 2019, 13, 1218.	2.8	33
93	S-Ketamine's Effect Changes the Cortical Electrophysiological Activity Related to Semantic Affective Dimension of Pain: A Placebo- Controlled Study in Healthy Male Individuals. <i>Frontiers in Neuroscience</i> , 2019, 13, 959.	2.8	0
94	Single tDCS session of motor cortex in patients with disorders of consciousness: a pilot study. <i>Brain Injury</i> , 2019, 33, 1679-1683.	1.2	26
95	Transcranial Direct Current Stimulation Among Technologies for Low-Intensity Transcranial Electrical Stimulation: Classification, History, and Terminology. , 2019, , 3-43.		12
96	Methodological Considerations for Transcranial Direct Current Stimulation in Clinical Trials. , 2019, , 347-377.		3
97	Emerging targets and uses of neuromodulation for pain. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 109-118.	2.8	12
98	Longitudinal Clinical Trial Recruitment and Retention Challenges in the Burn Population: Lessons Learned From a Trial Examining a Novel Intervention for Chronic Neuropathic Symptoms. <i>Journal of Burn Care and Research</i> , 2019, 40, 792-795.	0.4	9
99	Top 100 cited noninvasive neuromodulation clinical trials. <i>Expert Review of Medical Devices</i> , 2019, 16, 451-466.	2.8	12
100	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. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 138.	2.0	27
101	Real-time Video Projection in an MRI for Characterization of Neural Correlates Associated with Mirror Therapy for Phantom Limb Pain. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4
102	Potency of descending pain modulatory system is linked with peripheral sensory dysfunction in fibromyalgia. <i>Medicine (United States)</i> , 2019, 98, e13477.	1.0	28
103	Clinical improvement with intensive robot-assisted arm training in chronic stroke is unchanged by supplementary tDCS. <i>Restorative Neurology and Neuroscience</i> , 2019, 37, 167-180.	0.7	38
104	Optimised transcranial direct current stimulation (tDCS) for fibromyalgia—targeting the endogenous pain control system: a randomised, double-blind, factorial clinical trial protocol. <i>BMJ Open</i> , 2019, 9, e032710.	1.9	19
105	Transcranial Direct Current Stimulation Optimization — From Physics-Based Computer Simulations to High-Fidelity Head Phantom Fabrication and Measurements. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 388.	2.0	12
106	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. <i>Frontiers in Pharmacology</i> , 2019, 10, 1382.	3.5	22
107	Transcranial direct current stimulation (tDCS) modulates biometric and inflammatory parameters and anxiety-like behavior in obese rats. <i>Neuropeptides</i> , 2019, 73, 1-10.	2.2	16
108	Neurostimulation in dry eye disease—past, present, and future. <i>Ocular Surface</i> , 2019, 17, 20-27.	4.4	23

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109	Intramuscular electrical stimulus potentiates the motor cortex modulation effects on pain and descending inhibitory systems in knee osteoarthritis: a randomized, factorial, sham-controlled study. <i>Journal of Pain Research</i> , 2019, Volume 12, 209-221.	2.0	38
110	Impact of Therapeutic Interventions on Pain Intensity and Endogenous Pain Modulation in Knee Osteoarthritis: A Systematic Review and Meta-analysis. <i>Pain Medicine</i> , 2019, 20, 1000-1011.	1.9	15
111	Bilateral M1 anodal transcranial direct current stimulation in post traumatic chronic minimally conscious state: a pilot EEG-tDCS study. <i>Brain Injury</i> , 2019, 33, 490-495.	1.2	24
112	Distinct behavioral response of primary motor cortex stimulation in itch and pain after burn injury. <i>Neuroscience Letters</i> , 2019, 690, 89-94.	2.1	12
113	Transcranial direct current stimulation to prevent and treat surgery-induced opioid dependence: a systematic review. <i>Pain Management</i> , 2019, 9, 93-106.	1.5	5
114	TRANSCRANIAL DIRECT-CURRENT STIMULATION IN COMBINATION WITH EXERCISE: A SYSTEMATIC REVIEW. <i>Revista Brasileira De Medicina Do Esporte</i> , 2019, 25, 520-526.	0.2	3
115	The potential dual role of transcallosal inhibition in post-stroke motor recovery. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 83-97.	0.7	45
116	CNS Non-invasive Brain Stimulation. , 2018, , 151-184.		5
117	Feasibility of remotely-supervised tDCS in a person with neuropathic pain due to spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2018, 41, 547-548.	1.4	3
118	Transcranial direct current stimulation improves long-term memory deficits in an animal model of attention-deficit/hyperactivity disorder and modulates oxidative and inflammatory parameters. <i>Brain Stimulation</i> , 2018, 11, 743-751.	1.6	34
119	Defective Endogenous Pain Modulation in Fibromyalgia: A Meta-Analysis of Temporal Summation and Conditioned Pain Modulation Paradigms. <i>Journal of Pain</i> , 2018, 19, 819-836.	1.4	142
120	Higher Cortical Facilitation and Serum BDNF Are Associated with Increased Sensitivity to Heat Pain and Reduced Endogenous Pain Inhibition in Healthy Males. <i>Pain Medicine</i> , 2018, 19, 1578-1586.	1.9	8
121	Principles of Designing a Clinical Trial: Optimizing Chances of Trial Success. <i>Current Behavioral Neuroscience Reports</i> , 2018, 5, 143-152.	1.3	5
122	A systematic review and meta-analysis on placebo response to repetitive transcranial magnetic stimulation for depression trials. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 105-113.	4.8	97
123	The differential effects of unihemispheric and bihemispheric tDCS over the inferior frontal gyrus on proactive control. <i>Neuroscience Research</i> , 2018, 130, 39-46.	1.9	24
124	Transcranial direct current stimulation (tDCS) prevents chronic stress-induced hyperalgesia in rats. <i>Brain Stimulation</i> , 2018, 11, 299-301.	1.6	18
125	Study adherence in a tDCS longitudinal clinical trial with people with spinal cord injury. <i>Spinal Cord</i> , 2018, 56, 502-508.	1.9	8
126	Novel Insights of Effects of Pregabalin on Neural Mechanisms of Intracortical Disinhibition in Physiopathology of Fibromyalgia: An Explanatory, Randomized, Double-Blind Crossover Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 406.	2.0	9

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127	Developing an optimized strategy with transcranial direct current stimulation to enhance the endogenous pain control system in fibromyalgia. <i>Expert Review of Medical Devices</i> , 2018, 15, 863-873.	2.8	8
128	Editorial: NEUROTRAUMA: From Emergency Room to Back to Day-by-Day Life. <i>Frontiers in Neurology</i> , 2018, 9, 776.	2.4	0
129	The Combined Use of Transcranial Direct Current Stimulation and Robotic Therapy for the Upper Limb. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
130	Robotic Arm Rehabilitation in Chronic Stroke Patients With Aphasia May Promote Speech and Language Recovery (but Effect Is Not Enhanced by Supplementary tDCS). <i>Frontiers in Neurology</i> , 2018, 9, 853.	2.4	9
131	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. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 388.	2.0	13
132	Randomized Sham-Controlled Trial of Navigated Repetitive Transcranial Magnetic Stimulation for Motor Recovery in Stroke. <i>Stroke</i> , 2018, 49, 2138-2146.	2.0	113
133	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. <i>Clinical Rehabilitation</i> , 2018, 32, 1348-1356.	2.2	38
134	Cross-modal cueing effects of visuospatial attention on conscious somatosensory perception. <i>Heliyon</i> , 2018, 4, e00595.	3.2	3
135	Effects of Prefrontal Transcranial Direct Current Stimulation and Motivation to Quit in Tobacco Smokers: A Randomized, Sham Controlled, Double-Blind Trial. <i>Frontiers in Pharmacology</i> , 2018, 9, 14.	3.5	26
136	Effects of Transcranial Direct Current Stimulation Block Remifentanyl-Induced Hyperalgesia: A Randomized, Double-Blind Clinical Trial. <i>Frontiers in Pharmacology</i> , 2018, 9, 94.	3.5	15
137	Home-Based Transcranial Direct Current Stimulation Device Development: An Updated Protocol Used at Home in Healthy Subjects and Fibromyalgia Patients. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	26
138	Tumors of the Central Nervous System. <i>Neuromethods</i> , 2018, , 339-363.	0.3	0
139	Optimization of Noninvasive Brain Stimulation Clinical Trials. , 2018, , 1627-1635.		0
140	The Effect of Transcranial Direct Current Stimulation on Jaw Motor Function Is Task Dependent: Speech, Syllable Repetition and Chewing. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 33.	2.0	4
141	Preclinical to Clinical Translation of Studies of Transcranial Direct-Current Stimulation in the Treatment of Epilepsy: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2018, 12, 189.	2.8	35
142	Transcranial Alternating Current Stimulation and Transcranial Random Noise Stimulation. , 2018, , 1611-1617.		4
143	Noninvasive brain stimulation for fine motor improvement after stroke: a meta-analysis. <i>European Journal of Neurology</i> , 2018, 25, 1017-1026.	3.3	82
144	Randomized controlled trial of home-based 4-week tDCS in chronic minimally conscious state. <i>Brain Stimulation</i> , 2018, 11, 982-990.	1.6	93

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145	Transcranial Direct Current Stimulation as a Therapeutic Tool for Chronic Pain. <i>Journal of ECT</i> , 2018, 34, e36-e50.	0.6	56
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