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Effects of transcranial electrical stimulation on cognition

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#	Paper	IF	Citations
253	Mood and cognitive function following repeated transcranial direct current stimulation in healthy volunteers: a preliminary report. 2013 , 77, 64-9		26
252	Behavioral effects of transcranial direct current stimulation (tDCS) induced dorsolateral prefrontal cortex plasticity in alcohol dependence. 2013 , 107, 493-502		115
251	Transcranial random noise stimulation for the treatment of negative symptoms in schizophrenia. 2013 , 146, 372-3		24
250	Using transcranial electrical stimulation to enhance cognitive functions in the typical and atypical brain. 2013 , 4,		43
249	The mental cost of cognitive enhancement. 2013 , 33, 4482-6		175
248	Noninvasive brain stimulation: from physiology to network dynamics and back. 2013 , 16, 838-44		368
247	Transcranial Magnetic Stimulation and Cranial Electrotherapy Stimulation: Treatments for Psychiatric and Neurologic Disorders. 2013 , 19, 188-193		1
246	Brain stimulation by network resonance with weak electric fields probed by optogenetics in vitro. 2013 ,		
245	Transcranial direct current stimulation reduces negative affect but not cigarette craving in overnight abstinent smokers. 2013 , 4, 112		53
244	Transcranial direct current stimulation: a remediation tool for the treatment of childhood congenital dyslexia?. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 139	3.3	20
243	Orchestrating neuronal networks: sustained after-effects of transcranial alternating current stimulation depend upon brain states. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 161	3.3	263
242	Combining functional magnetic resonance imaging with transcranial electrical stimulation. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 435	3.3	59
241	Modulation of spontaneous alpha brain rhythms using low-intensity transcranial direct-current stimulation. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 529	3.3	41
240	The effect of transcranial direct current stimulation: a role for cortical excitation/inhibition balance?. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 602	3.3	175
239	Origins of specificity during tDCS: anatomical, activity-selective, and input-bias mechanisms. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 688	3.3	211
238	Rational design of transcranial current stimulation (TCS) through mechanistic insights into cortical network dynamics. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 804	3.3	14
237	Non-invasive brain stimulation for the treatment of brain diseases in childhood and adolescence: state of the art, current limits and future challenges. 2013 , 7, 94		33

236	Hits and misses: leveraging tDCS to advance cognitive research. <i>Frontiers in Psychology</i> , 2014 , 5, 800	3.4	91
235	The rehabilitation of face recognition impairments: a critical review and future directions. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 491	3.3	32
234	. 2014 ,		9
233	Investigating Deception and Deception Detection with Brain Stimulation Methods. 2014 , 253-268		
232	Shaping memory accuracy by left prefrontal transcranial direct current stimulation. 2014 , 34, 4022-6		78
231	Cognitive related electrophysiological changes induced by non-invasive cortical electrical stimulation in crack-cocaine addiction. 2014 , 17, 1465-75		48
230	Modulation of resting state functional connectivity of the motor network by transcranial pulsed current stimulation. 2014 , 4, 157-65		6
229	Impact of transcranial direct current stimulation on fatigue in multiple sclerosis. 2014 , 32, 423-36		60
228	Applications of transcranial direct current stimulation for understanding brain function. 2014 , 37, 742-53		320
227	Electroencephalographic effects of transcranial random noise stimulation in the auditory cortex. <i>Brain Stimulation</i> , 2014 , 7, 807-12	5.1	38
226	Effects of Brain Stimulation on Declarative and Procedural Memories. 2014 , 237-263		2
225	High-Level Cognitive Functions in Healthy Subjects. 2014 , 299-329		3
224	Transcranial Direct Current Stimulation and Cognition in the Elderly. 2014 , 371-395		4
223	Transcranial direct current stimulation over multiple days improves learning and maintenance of a novel vocabulary. 2014 , 50, 137-47		121
222	The influence of theta transcranial alternating current stimulation (tACS) on working memory storage and processing functions. 2014 , 146, 1-6		59
221	The effects of theta transcranial alternating current stimulation (tACS) on fluid intelligence. 2014 , 93, 322-31		53
220	Increasing working memory capacity with theta transcranial alternating current stimulation (tACS). 2014 , 96, 42-7		97
219	Therapeutic effects of non-invasive brain stimulation with direct currents (tDCS) in neuropsychiatric diseases. 2014 , 85 Pt 3, 948-60		276

218	Transcranial direct current stimulation and simultaneous functional magnetic resonance imaging. 2014,		37
217	Transcranial Direct Current Stimulation: Modulation of Brain Pathways and Potential Clinical Applications. 2015, 233-254		6
216	A systematic review of transcranial electrical stimulation combined with cognitive training. 2015, 33, 263-78		59
215	Transcranial direct current stimulation [possible therapeutic applications in psychiatric disorders in adults and children. 2015, 4, 341-346		0
214	Emotional Distraction and Bodily Reaction: Modulation of Autonomous Responses by Anodal tDCS to the Prefrontal Cortex. 2015, 9, 482		11
213	Transcranial direct current stimulation in psychiatric disorders. 2015, 5, 88-102		106
212	Spreading Effect of tDCS in Individuals with Attention-Deficit/Hyperactivity Disorder as Shown by Functional Cortical Networks: A Randomized, Double-Blind, Sham-Controlled Trial. 2015, 6, 111		28
211	Neural Stimulation Has a Long-Term Effect on Foreign Vocabulary Acquisition. 2015, 2015, 671705		5
210	The Use of Transcranial Direct Current Stimulation for Cognitive Enhancement. 2015, 307-341		3
209	Effects of noninvasive brain stimulation on cognitive function in healthy aging and Alzheimer's disease: a systematic review and meta-analysis. 2015, 36, 2348-59		206
208	Alpha Power Increase After Transcranial Alternating Current Stimulation at Alpha Frequency (tACS) Reflects Plastic Changes Rather Than Entrainment. <i>Brain Stimulation,</i> 2015, 8, 499-508	5.1	279
207	Transcranial direct current stimulation (tDCS) - application in neuropsychology. 2015, 69, 154-75		81
206	Effects of Electrode Drift in Transcranial Direct Current Stimulation. <i>Brain Stimulation,</i> 2015, 8, 515-9	5.1	51
205	Modulation of executive control in dual tasks with transcranial direct current stimulation (tDCS). 2015, 68, 8-20		23
204	The neurophysiology of language: Insights from non-invasive brain stimulation in the healthy human brain. 2015, 148, 81-94		42
203	Transcranial direct current stimulation can selectively affect different processing channels in human visual cortex. 2015, 233, 1213-23		6
202	The effect of transcranial direct current stimulation on task processing and prioritisation during dual-task gait. 2015, 233, 1575-83		17
201	Modulating and enhancing cognition using brain stimulation: Science and fiction. 2015, 27, 141-163		20

200	Reprint of: Transcranial direct current stimulation (tDCS) - Application in neuropsychology. 2015 , 74, 74-95		39
199	Reducing Prejudice Through Brain Stimulation. <i>Brain Stimulation</i> , 2015 , 8, 891-7	5.1	35
198	Transcranial direct current stimulation in mild cognitive impairment: Behavioral effects and neural mechanisms. 2015 , 11, 1032-40		115
197	Modulation of attention functions by anodal tDCS on right PPC. 2015 , 74, 96-107		60
196	Anodal tDCS targeting the right orbitofrontal cortex enhances facial expression recognition. 2015 , 10, 1677-83		28
195	Neuromodulatorische nicht-invasive Hirnstimulation: Methodik und klinische Anwendungsmöglichkeiten. 2015 , 46, 141-145		0
194	Increasing the role of belief information in moral judgments by stimulating the right temporoparietal junction. 2015 , 77, 400-8		35
193	Enhancement of Sensory and Cognitive Functions in Healthy Subjects. 2015 , 257-273		
192	Understanding the behavioural consequences of noninvasive brain stimulation. 2015 , 19, 13-20		156
191	Neurostimulation as an intervention for treatment resistant depression: From research on mechanisms towards targeted neurocognitive strategies. 2015 , 41, 61-9		79
190	Textbook of Neuromodulation. 2015 ,		7
189	Dorsolateral Prefrontal Cortex Activity and Neuromodulation in Crack-Cocaine Dependents during Early Abstinence. 2016 , 7,		2
188	Adaptive Plasticity in the Healthy Language Network: Implications for Language Recovery after Stroke. 2016 , 2016, 9674790		17
187	Effects of Transcranial Alternating Current Stimulation on Cognitive Functions in Healthy Young and Older Adults. 2016 , 2016, 4274127		39
186	Genetic Modulation of Transcranial Direct Current Stimulation Effects on Cognition. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 651	3.3	29
185	Cortico-Striatal-Thalamic Loop Circuits of the Salience Network: A Central Pathway in Psychiatric Disease and Treatment. 2016 , 10, 104		228
184	Making Brains run Faster: are they Becoming Smarter?. 2016 , 19, E88		7
183	Transcranial random noise stimulation benefits arithmetic skills. 2016 , 133, 7-12		22

182	The heart side of brain neuromodulation. 2016 , 374,		28
181	Transcranial Alternating Current Stimulation in Patients with Chronic Disorder of Consciousness: A Possible Way to Cut the Diagnostic Gordian Knot?. 2016 , 29, 623-44		26
180	Transcranial Electrical Stimulation and the Enhancement of Numerical Cognition. 2016 , 245-296		1
179	Boosting Slow Oscillatory Activity Using tDCS during Early Nocturnal Slow Wave Sleep Does Not Improve Memory Consolidation in Healthy Older Adults. <i>Brain Stimulation</i> , 2016 , 9, 730-739	5.1	36
178	[Non-invasive brain stimulation in neurology : Transcranial direct current stimulation to enhance cognitive functioning]. 2016 , 87, 838-45		4
177	Towards tailoring non-invasive brain stimulation using real-time fMRI and Bayesian optimization. 2016 ,		6
176	Physiology of Transcranial Direct and Alternating Current Stimulation. 2016 , 29-46		9
175	Brain stimulation, mathematical, and numerical training: Contribution of core and noncore skills. 2016 , 227, 353-88		9
174	The Future of Cognitive Training. 2016 , 201-211		5
173	Brain Network Mechanisms Underlying Motor Enhancement by Transcranial Entrainment of Gamma Oscillations. 2016 , 36, 12053-12065		68
172	The stimulated social brain: effects of transcranial direct current stimulation on social cognition. 2016 , 1369, 218-39		59
171	Cognitive Training. 2016 ,		28
170	Regulatory Aspects. 2016 , 383-392		
169	Transcranial electrical stimulation and numerical cognition. 2016 , 70, 41-58		11
168	Promising Role of Neuromodulation in Predicting the Progression of Mild Cognitive Impairment to Dementia. <i>Journal of Alzheimers Disease</i> , 2016 , 53, 1375-88	4.3	22
167	Brain stimulation in Huntington's disease. 2016 , 6, 223-36		7
166	Cathodal transcranial direct current stimulation over posterior parietal cortex enhances distinct aspects of visual working memory. 2016 , 87, 35-42		36
165	Cognitive Enhancement: Social and Public Policy Issues. 2016 ,		5

164	The Automatic Neuroscientist: A framework for optimizing experimental design with closed-loop real-time fMRI. 2016 , 129, 320-334		49
163	A technical guide to tDCS, and related non-invasive brain stimulation tools. 2016 , 127, 1031-1048		661
162	The right inferior frontal cortex in response inhibition: A tDCS-ERP co-registration study. 2016 , 140, 66-75		58
161	Dyscalculia and the Calculating Brain. 2016 , 61, 11-20		20
160	tDCS for the treatment of depression: a comprehensive review. 2016 , 266, 681-694		76
159	Monitoring transcranial direct current stimulation induced changes in cortical excitability during the serial reaction time task. 2016 , 616, 98-104		18
158	The effects of tDCS upon sustained visual attention are dependent on cognitive load. 2016 , 80, 1-8		28
157	TMS-EEG: A window into the neurophysiological effects of transcranial electrical stimulation in non-motor brain regions. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 64, 175-84	9	62
156	Anodal-tDCS over the human right occipital cortex enhances the perception and memory of both faces and objects. 2016 , 81, 238-244		22
155	Noninvasive Brain Stimulation in Pediatric Attention-Deficit Hyperactivity Disorder (ADHD): A Review. 2016 , 31, 784-96		46
154	"Unfocus" on foc.us: commercial tDCS headset impairs working memory. 2016 , 234, 637-43		47
153	[Transcranial direct current stimulation (tDCS) for depression: Results of nearly a decade of clinical research]. 2016 , 42, 39-47		6
152	The application of tDCS for the treatment of psychiatric diseases. 2017 , 29, 146-167		28
151	High-definition transcranial direct current stimulation to both primary motor cortices improves unimanual and bimanual dexterity. 2017 , 643, 84-88		20
150	Changing Brain Activity, Increasing Intelligence: Transcranial Electrical and Magnetic Stimulation. 2017 , 175-236		
149	tDCS-Induced Effects on Executive Functioning and Their Cognitive Mechanisms: a Review. 2017 , 1, 49-64		20
148	Prefrontal tDCS and sertraline in obsessive compulsive disorder: a case report and review of the literature. 2017 , 23, 173-177		30
147	Boosting Cognition: Effects of Multiple-Session Transcranial Direct Current Stimulation on Working Memory. 2017 , 29, 755-768		37

146	Cognitive learning and its future in urology: surgical skills teaching and assessment. 2017 , 27, 342-347		8
145	Single-session transcranial direct current stimulation induces enduring enhancement of visual processing speed in patients with major depression. 2017 , 267, 671-686		15
144	Transcranial Direct Current Stimulation. 2017 , 99-112		1
143	Phase properties of transcranial electrical stimulation artifacts in electrophysiological recordings. 2017 , 158, 406-416		52
142	The influence of transcranial alternating current stimulation (tACS) on fluid intelligence: An fMRI study. 2017 , 118, 50-55		19
141	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). 2017 , 128, 56-92		75 ^o
140	Using transcranial direct-current stimulation (tDCS) to understand cognitive processing. 2017 , 79, 3-23		66
139	Systematic evaluation of the impact of stimulation intensity on neuroplastic after-effects induced by transcranial direct current stimulation. <i>Journal of Physiology</i> , 2017 , 595, 1273-1288	3.9	189
138	A Fast EEG Forecasting Algorithm for Phase-Locked Transcranial Electrical Stimulation of the Human Brain. <i>Frontiers in Neuroscience</i> , 2017 , 11, 401	5.1	21
137	Age-dependent effects of brain stimulation on network centrality. 2018 , 176, 71-82		32
136	Slow-Wave Activity Enhancement to Improve Cognition. 2018 , 41, 470-482		49
135	Enhancement of pain inhibition by working memory with anodal transcranial direct current stimulation of the left dorsolateral prefrontal cortex. 2018 , 68, 825-836		14
134	Electrophysiological and behavioral effects of frontal transcranial direct current stimulation on cognitive fatigue in multiple sclerosis. 2018 , 265, 607-617		27
133	Basic and functional effects of transcranial Electrical Stimulation (tES)-An introduction. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 85, 81-92	9	79
132	Neuronal and behavioral effects of multi-day brain stimulation and memory training. 2018 , 61, 245-254		35
131	Modulation of dual-task control with right prefrontal transcranial direct current stimulation (tDCS). 2018 , 236, 227-241		13
130	Effects of alpha and gamma transcranial alternating current stimulation (tACS) on verbal creativity and intelligence test performance. 2018 , 118, 91-98		17
129	Analyzing EEG and MEG signals recorded during tES, a reply. 2018 , 167, 53-61		33

128	Editorial: Modulating Cortical Dynamics in Language, Speech and Music. 2018 , 12, 58		1
127	Transcranial Direct Current Stimulation Does Not Counteract Cognitive Fatigue, but Induces Sleepiness and an Inter-Hemispheric Shift in Brain Oxygenation. <i>Frontiers in Psychology</i> , 2018 , 9, 2351	3-4	13
126	fMRI-Based Neurotherapies for ADHD. 2018 , 26, 1-11		6
125	Cognitive Effects of Transcranial Direct Current Stimulation in Healthy and Clinical Populations: An Overview. 2018 , 34, e25-e35		35
124	Can Transcranial Direct-Current Stimulation Alone or Combined With Cognitive Training Be Used as a Clinical Intervention to Improve Cognitive Functioning in Persons With Mild Cognitive Impairment and Dementia? A Systematic Review and Meta-Analysis. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 416	3-3	23
123	Chronic Transcranial Electrical Stimulation and Intracortical Recording in Rats. 2018 ,		4
122	Transcranial Direct Current Stimulation (tDCS). 2018 , 1589-1610		2
121	Brain Stimulation in Alzheimer's Disease. 2018 , 9, 201		58
120	Investigation on dysfunctional beliefs and attitudes about sleep in Chinese college students. 2018 , 14, 1425-1432		7
119	Cognitive Neuroscience of Attention Deficit Hyperactivity Disorder (ADHD) and Its Clinical Translation. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 100	3-3	131
118	Non-invasive Brain Stimulation: A Paradigm Shift in Understanding Brain Oscillations. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 211	3-3	74
117	Low to No Effect: Application of tRNS During Two-Digit Addition. <i>Frontiers in Neuroscience</i> , 2018 , 12, 176	5-1	7
116	No Evidence That Baseline Prefrontal Cortical Excitability (3T-MRS) Predicts the Effects of Prefrontal tDCS on WM Performance. <i>Frontiers in Neuroscience</i> , 2018 , 12, 481	5-1	8
115	Translating molecular advances in Down syndrome and Fragile X syndrome into therapies. 2018 , 28, 675-690		7
114	Developing the Third Offset: Transcranial Direct Current Stimulation Can Improve the Human Operator. 2019 , 184, 11-13		1
113	Testing the role of cognitive inhibition in physical endurance using high-definition transcranial direct current stimulation over the prefrontal cortex. 2019 , 67, 102507		5
112	Effects of beta-tACS on corticospinal excitability: A meta-analysis. <i>Brain Stimulation</i> , 2019 , 12, 1381-1389	5-1	21
111	Modulation of Conflict Processing by Theta-Range tACS over the Dorsolateral Prefrontal Cortex. 2019 , 2019, 6747049		11

110	Effects of anodal transcranial direct current stimulation on motor evoked potentials variability in humans. 2019 , 7, e14087		9
109	Selective recruitment of cortical neurons by electrical stimulation. 2019 , 15, e1007277		8
108	Traumatic axonal injury influences the cognitive effect of non-invasive brain stimulation. 2019 , 142, 3280-3293	10	
107	Effects of a Multi-Session Cognitive Training Combined With Brain Stimulation (TrainStim-Cog) on Age-Associated Cognitive Decline - Study Protocol for a Randomized Controlled Phase IIb (Monocenter) Trial. 2019 , 11, 200		9
106	tDCS in Pediatric Neuropsychiatric Disorders. 2019 , 217-235		3
105	Transcranial Direct Current Stimulation in Cognitive Neuroscience. 2019 , 597-625		3
104	Transcranial Direct Current Stimulation in Aging Research. 2019 , 569-595		4
103	Consecutive sessions of transcranial direct current stimulation do not remediate visual hallucinations in Lewy body dementia: a randomised controlled trial. 2019 , 11, 9		16
102	Transcranial Direct Current Stimulation in Psychiatry: Mood Disorders, Schizophrenia and Other Psychiatric Diseases. 2019 , 431-471		3
101	A novel training-free externally-regulated neurofeedback (ER-NF) system using phase-guided visual stimulation for alpha modulation. 2019 , 189, 688-699		3
100	Transcranial alternating current stimulation for the treatment of major depression during pregnancy. 2019 , 279, 399-400		10
99	Improvement of cognitive control and stabilization of affect by prefrontal transcranial direct current stimulation (tDCS). <i>Scientific Reports</i> , 2019 , 9, 6797	4.9	20
98	Regulating the Use of Cognitive Enhancement: an Analytic Framework. 2019 , 12, 293-309		6
97	Anodal tDCS and High-Frequency tRNS Targeting the Occipitotemporal Cortex Do Not Always Enhance Face Perception. <i>Frontiers in Neuroscience</i> , 2019 , 13, 78	5.1	3
96	Towards precise brain stimulation: Is electric field simulation related to neuromodulation?. <i>Brain Stimulation</i> , 2019 , 12, 1159-1168	5.1	57
95	Differential role of prefrontal, temporal and parietal cortices in verbal and figural fluency: Implications for the supramodal contribution of executive functions. <i>Scientific Reports</i> , 2019 , 9, 3700	4.9	33
94	Rebound or Entrainment? The Influence of Alternating Current Stimulation on Individual Alpha. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 43	3.3	8
93	Transcranial direct current stimulation in attention-deficit hyperactivity disorder: A meta-analysis of neuropsychological deficits. <i>PLoS ONE</i> , 2019 , 14, e0215095	3.7	41

92	Impaired Modulation of Corticospinal Excitability in Drug-Free Patients With Major Depressive Disorder: A Theta-Burst Stimulation Study. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 72	3.3	4
91	Scholarships versus training for happiness gained from an education in creativity: A dynamic analytical model. 2019 , 73, 374-391		1
90	Transcranial direct current stimulation (tDCS) over parietal cortex improves associative memory. 2019 , 157, 114-120		14
89	Parametric effects of transcranial alternating current stimulation on multitasking performance. <i>Brain Stimulation</i> , 2019 , 12, 73-83	5.1	11
88	Cognitive enhancement with Salience Network electrical stimulation is influenced by network structural connectivity. 2019 , 185, 425-433		17
87	Cognitive Training for Military Application: a Review of the Literature and Practical Guide. 2019 , 3, 30-51		23
86	Noninvasive Brain Stimulation Techniques Can Modulate Cognitive Processing. 2019 , 22, 116-147		11
85	Non-invasive brain stimulation to enhance cognitive rehabilitation after stroke. 2020 , 719, 133678		12
84	Transcranial direct current stimulation improves novel word recall in healthy adults. 2020 , 53, 100862		2
83	Repeated stimulation of the dorsolateral-prefrontal cortex improves executive dysfunctions and craving in drug addiction: A randomized, double-blind, parallel-group study. <i>Brain Stimulation</i> , 2020 , 13, 582-593	5.1	33
82	Neurocognitive correlates of self-esteem: From self-related attentional bias to involvement of the ventromedial prefrontal cortex. 2020 , 161, 33-43		11
81	Organizational Neuroethics. <i>Advances in Neuroethics</i> , 2020 ,	0.4	1
80	A direct comparison of the electrophysiological effects of transcranial direct and alternating current stimulation in healthy subjects. 2020 , 1747, 147065		2
79	Cognitive training and brain stimulation in prodromal Alzheimer's disease (AD-Stim)-study protocol for a double-blind randomized controlled phase IIb (monocenter) trial. 2020 , 12, 142		6
78	Intracranial alternating current stimulation facilitates neurogenesis in a mouse model of Alzheimer's disease. 2020 , 12, 89		1
77	Review of the Neural Processes of Working Memory Training: Controlling the Impulse to Throw the Baby Out With the Bathwater. 2020 , 11, 512761		5
76	Transcranial direct current stimulation: A novel approach in the treatment of vascular depression. <i>Brain Stimulation</i> , 2020 , 13, 1559-1565	5.1	3
75	Sleep, Noninvasive Brain Stimulation, and the Aging Brain: Challenges and Opportunities. 2020 , 61, 101067		8

74	Effects of transcranial direct current stimulation on cortex modulation by stimulation of the primary motor cortex and parietal cortex in humans. 2021 , 131, 1107-1114	2
73	Prefrontal Multielectrode Transcranial Direct Current Stimulation Modulates Performance and Neural Activity Serving Visuospatial Processing. 2020 , 30, 4847-4857	3
72	Effects of transcranial direct current stimulation over frontal, parietal and cerebellar cortex for cognitive function during fasting in healthy adults. 2020 , 8, 129-135	2
71	Transcranial Direct Current Stimulation for Motor Recovery Following Brain Injury. 2020 , 8, 268-279	1
70	Transcranial Direct Current Stimulation Improves Reward Processing in Children With ADHD. 2021 , 25, 1623-1631	9
69	Contralesional Application of Transcranial Direct Current Stimulation on Functional Improvement in Ischemic Stroke Mice. 2020 , 51, 2208-2218	7
68	Effect of prefrontal tDCS on resting brain fMRI graph measures in Alcohol Use Disorders: A randomized, double-blind, sham-controlled study. 2020 , 102, 109950	12
67	The effects of transcranial direct current stimulation on within- and cross-paradigm transfer following multi-session backward recall training. 2020 , 141, 105552	7
66	Regulatory Aspects. 2021 , 757-766	
65	Physiology of Transcranial Direct and Alternating Current Stimulation. 2021 , 29-47	
64	Effects of Transcranial Direct Current Stimulation on Cognition, Mood, Pain, and Fatigue in Multiple Sclerosis: A Systematic Review and Meta-Analysis. 2021 , 12, 626113	3
63	Enhancement of Event-Related Desynchronization in Motor Imagery Based on Transcranial Electrical Stimulation. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 635351	3-3 5
62	Effects of transcranial direct current stimulation on performance and recovery sleep during acute sleep deprivation: a pilot study. 2021 , 79, 124-133	0
61	Defining Surgical Terminology and Risk for Brain Computer Interface Technologies. <i>Frontiers in Neuroscience</i> , 2021 , 15, 599549	5-1 10
60	Stimulation of the dorsolateral-prefrontal cortex improves working memory and planning. 2021 , 25, 1-17	
59	Online Closed-Loop Real-Time tES-fMRI for Brain Modulation: Feasibility, Noise/Safety and Pilot Study.	1
58	Exploring and optimizing the neuroplastic effects of anodal transcranial direct current stimulation over the primary motor cortex of older humans. <i>Brain Stimulation</i> , 2021 , 14, 622-634	5-1 4
57	The tDCS effect on Prosocial Behavior: A Meta-Analytic Review. 2021 ,	0

56	Review of: "Prefrontal tDCS attenuates counterfactual thinking in female individuals prone to self-critical rumination".		1
55	Prefrontal Transcranial Direct Current Stimulation Globally Improves Learning but Does Not Selectively Potentiate the Benefits of Targeted Memory Reactivation on Awake Memory Consolidation. <i>Brain Sciences</i> , 2021 , 11,	3-4	
54	Neurotherapeutics for Attention Deficit/Hyperactivity Disorder (ADHD): A Review. 2021 , 10,		1
53	Neuroenhancement at Work: Addressing the Ethical, Legal, and Social Implications. <i>Advances in Neuroethics</i> , 2020 , 87-103	0-4	3
52	Noninvasive Brain Stimulation & Space Exploration: Opportunities and Challenges. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 119, 294-319	9	4
51	Modulation of Executive Control in the Task Switching Paradigm With Transcranial Direct Current Stimulation (tDCS). <i>Journal of Psychophysiology</i> , 2016 , 30, 55-65	1	11
50	The Medial Frontal Cortex Mediates Self-Other Discrimination in the Joint Simon Task. <i>Journal of Psychophysiology</i> , 2016 , 30, 87-101	1	18
49	tES Stimulation as a Tool to Investigate Cognitive Processes in Healthy Individuals. <i>European Psychologist</i> , 2016 , 21, 15-29	4-4	5
48	Keep calm and carry on: improved frustration tolerance and processing speed by transcranial direct current stimulation (tDCS). <i>PLoS ONE</i> , 2015 , 10, e0122578	3-7	40
47	Enhancement of multitasking performance and neural oscillations by transcranial alternating current stimulation. <i>PLoS ONE</i> , 2017 , 12, e0178579	3-7	22
46	Response repetition biases in human perceptual decisions are explained by activity decay in competitive attractor models. <i>ELife</i> , 2016 , 5,	8-9	24
45	Effects of High Definition-Transcranial Direct Current Stimulation on Local GABA and Glutamate Levels Among Older Adults with and without Mild Cognitive Impairment: An Exploratory Study. <i>Journal of Alzheimers Disease</i> , 2021 , 84, 1091-1102	4-3	0
44	Dynamic DNA methylation changes in the COMT gene promoter region in response to mental stress and its modulation by transcranial direct current stimulation.		2
43	Scholarships vs. Training for Happiness Gained from Education in Creativity: An Analytical Model. <i>SSRN Electronic Journal</i> ,	1	
42	Selective Recruitment of Cortical Neurons by Electrical Stimulation.		0
41	Advances in the Application of Non-Invasive Brain Stimulation in the Treatment of Depression. <i>Advances in Psychology</i> , 2019 , 09, 293-300	0	1
40	Non-invasive Brain Stimulation in Human Stroke Survivors. 2020 , 501-535		
39	Prefrontal Transcranial Direct Current Stimulation globally improves learning, but does not selectively potentiate the benefits of Targeted Memory Reactivation on awake memory consolidation.		

38 The Future of Cognitive Training. **2021**, 397-410

37 Cognitive Plasticity and Transcranial Electrical Stimulation. **2021**, 85-105

36 tDCS Anodic Stimulation of Left Hemisphere DLPFC Regulates Hot Executive Performance. *The Neuroscience Journal of Shefaye Khatam*, **2020**, 8, 39-49 0.1 0

35 A Feasibility Study of Bilateral Anodal Stimulation of the Prefrontal Cortex Using High-Definition Electrodes in Healthy Participants. *Yale Journal of Biology and Medicine*, **2015**, 88, 219-25 2.4 7

34 Dynamic DNA Methylation Changes in the Gene Promoter Region in Response to Mental Stress and Its Modulation by Transcranial Direct Current Stimulation. *Biomolecules*, **2021**, 11, 5.9 1

33 High-definition transcranial direct current stimulation modulates performance and alpha/beta parieto-frontal connectivity serving fluid intelligence. *Journal of Physiology*, **2021**, 599, 5451 3.9 0

32 Standard Non-Personalized Electric Field Modeling of Twenty Typical tDCS Electrode Configurations via the Computational Finite Element Method: Contributions and Limitations of Two Different Approaches.. *Biology*, **2021**, 10, 4.9 1

31 Use of transcranial magnetic stimulation for studying the neural basis of numerical cognition: a systematic review.. *Journal of Neuroscience Methods*, **2022**, 369, 109485 3 1

30 Can Transcranial Electrical Stimulation Facilitate Post-stroke Cognitive Rehabilitation? A Systematic Review and Meta-Analysis. *Frontiers in Rehabilitation Sciences*, 3,

29 Randomized trial of cognitive training and brain stimulation in non-demented older adults.. *Alzheimers and Dementia: Translational Research and Clinical Interventions*, **2022**, 8, e12262 6 0

28 Working Memory and Transcranial-Alternating Current Stimulation-State of the Art: Findings, Missing, and Challenges.. *Frontiers in Psychology*, **2022**, 13, 822545 3.4 0

27 Targeting the fronto-parietal network using multifocal personalized transcranial alternating current stimulation to enhance motor sequence learning in healthy older adults.

26 Effects of Transcranial Direct Current Stimulation on Post-stroke Dysphagia: A Systematic Review and Meta-analysis of Randomized Controlled Trials.. *Archives of Physical Medicine and Rehabilitation*, **2022**, 2.8 1

25 Performance after training in a complex cognitive task is enhanced by high-definition transcranial random noise stimulation.. *Scientific Reports*, **2022**, 12, 4618 4.9 1

24 Multipair transcranial temporal interference stimulation for improved focalized stimulation of deep brain regions: A simulation study.. *Computers in Biology and Medicine*, **2022**, 143, 105337 7 1

23 Table_1.XLSX. **2019**,

22 Image_1.JPEG. **2018**,

21 Image_2.JPEG. **2018**,

20 Table_1.docx. 2020,

19	More focal, less heterogeneous? Multi-level meta-analysis of cathodal high-definition transcranial direct current stimulation effects on language and cognition.. <i>Journal of Neural Transmission</i> , 2022 ,	4.3	
18	The Effect of Transcranial Direct Current Stimulation on Error Rates in the Distractor-Induced Deafness Paradigm. <i>Brain Sciences</i> , 2022 , 12, 738	3.4	
17	Effects of Transcranial Direct Current Stimulation on Memory of Elderly People with Mild Cognitive Impairment or Alzheimer's Disease: A Systematic Review. <i>Journal of Central Nervous System Disease</i> , 2022 , 14, 117957352211068	4.4	○
16	Offline Parietal Intermittent Theta Burst Stimulation or Alpha Frequency Transcranial Alternating Current Stimulation Has No Effect on Visuospatial or Temporal Attention. <i>Frontiers in Neuroscience</i> , 16,	5.1	
15	Abnormal functional connectivities patterns of multidomain cognitive impairments in pontine stroke patients. <i>Human Brain Mapping</i> ,	5.9	○
14	Targeting the frontoparietal network using bifocal transcranial alternating current stimulation during a motor sequence learning task in healthy older adults. <i>Brain Stimulation</i> , 2022 , 15, 968-979	5.1	○
13	Examining the Effect of Transcranial Electrical Stimulation and Cognitive Training on Processing Speed in Pediatric Attention Deficit Hyperactivity Disorder: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 16,	3.3	○
12	Noninvasive Brain Stimulation: Multiple Effects on Cognition. 107385842211138		○
11	Frontostriatal circuitry as a target for fMRI-based neurofeedback interventions: A systematic review. 16,		
10	Boosting psychological change: Combining non-invasive brain stimulation with psychotherapy. 2022 , 142, 104867		1
9	Noninvasive Brain Stimulation Therapies to Promote Recovery of Consciousness: Where We Are and Where We Should Go. 2022 , 42, 348-362		○
8	Online closed-loop real-time tES-fMRI for brain modulation: A technical report.		○
7	Feasibility of epidural temporal interference stimulation for minimally invasive electrical deep brain stimulation: simulation and phantom experimental studies. 2022 , 19, 056003		○
6	10 Minutes Frontal 40 Hz tACS Effects on Working Memory Tested by Luck-Vogel Task. 2023 , 13, 39		○
5	Efficacy of a stretching exercise versus transcranial direct current stimulation (tDCS) on task performance, kinematic and electroencephalography (EEG) spectrum in subjects with slump posture: A study protocol.		○
4	Closed-Loop tACS Delivered during Slow-Wave Sleep Reduces Retroactive Interference on a Paired-Associates Learning Task. 2023 , 13, 468		○
3	Transcranial Electrical Stimulation (tES): History, Theoretical Foundations and Applications. 2022 , 11, 69-104		○

- 2 Efficacy and safety of Transcranial Direct Current Stimulation (tDCS) on Cognitive Function in Chronic Schizophrenia with Tardive Dyskinesia (TD): a randomized, double-blind, sham-controlled, clinical trial. ○
- 1 Neurostimulation in Tactile Perception. **2023**, 451-482 ○