

# Carlo Miniussi

## List of Publications by Year in descending order

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207  
papers

24,872  
citations

10351  
72  
h-index

7931  
149  
g-index

225  
all docs

225  
docs citations

225  
times ranked

16239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. <i>Clinical Neurophysiology</i> , 2009, 120, 2008-2039.	0.7	4,364
2	Non-invasive electrical and magnetic stimulation of the brain, spinal cord, roots and peripheral nerves: Basic principles and procedures for routine clinical and research application. An updated report from an I.F.C.N. Committee. <i>Clinical Neurophysiology</i> , 2015, 126, 1071-1107.	0.7	1,957
3	A technical guide to tDCS, and related non-invasive brain stimulation tools. <i>Clinical Neurophysiology</i> , 2016, 127, 1031-1048.	0.7	998
4	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , 2017, 128, 1774-1809.	0.7	783
5	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	0.7	553
6	Rhythmic TMS Causes Local Entrainment of Natural Oscillatory Signatures. <i>Current Biology</i> , 2011, 21, 1176-1185.	1.8	462
7	Modelling non-invasive brain stimulation in cognitive neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1702-1712.	2.9	432
8	New insights into rhythmic brain activity from TMS&#x2013;EEG studies. <i>Trends in Cognitive Sciences</i> , 2009, 13, 182-189.	4.0	346
9	Orienting attention in time. <i>Brain</i> , 1999, 122, 1507-1518.	3.7	340
10	The Functional Importance of Rhythmic Activity in the Brain. <i>Current Biology</i> , 2012, 22, R658-R663.	1.8	329
11	Transcranial Electrical Stimulation. <i>Neuroscientist</i> , 2017, 23, 109-123.	2.6	317
12	Individual analysis of EEG frequency and band power in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2004, 115, 299-308.	0.7	311
13	Consensus paper: Combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , 2009, 2, 58-80.	0.7	299
14	Random Noise Stimulation Improves Neuroplasticity in Perceptual Learning. <i>Journal of Neuroscience</i> , 2011, 31, 15416-15423.	1.7	291
15	What do you feel if I apply transcranial electric stimulation? Safety, sensations and secondary induced effects. <i>Clinical Neurophysiology</i> , 2015, 126, 2181-2188.	0.7	289
16	Transcranial magnetic stimulation and cortical evoked potentials: A TMS/EEG co-registration study. <i>Clinical Neurophysiology</i> , 2006, 117, 1699-1707.	0.7	272
17	Transient Storage of a Tactile Memory Trace in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 8720-8725.	1.7	270
18	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. <i>Clinical Neurophysiology</i> , 2006, 117, 252-268.	0.7	260

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19	Prefrontal cortex in long-term memory: an “interference” approach using magnetic stimulation. <i>Nature Neuroscience</i> , 2001, 4, 948-952.	7.1	259
20	Naming facilitation induced by transcranial direct current stimulation. <i>Behavioural Brain Research</i> , 2010, 208, 311-318.	1.2	256
21	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004, 22, 57-67.	2.1	253
22	Sources of cortical rhythms in adults during physiological aging: A multicentric EEG study. <i>Human Brain Mapping</i> , 2006, 27, 162-172.	1.9	253
23	Conversion from mild cognitive impairment to Alzheimer’s disease is predicted by sources and coherence of brain electroencephalography rhythms. <i>Neuroscience</i> , 2006, 143, 793-803.	1.1	242
24	Improved language performance in Alzheimer disease following brain stimulation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 794-797.	0.9	232
25	The dynamics of shifting visuospatial attention revealed by event-related potentials. <i>Neuropsychologia</i> , 2000, 38, 964-974.	0.7	226
26	Transcranial magnetic stimulation improves naming in Alzheimer disease patients at different stages of cognitive decline. <i>European Journal of Neurology</i> , 2008, 15, 1286-1292.	1.7	221
27	Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. <i>Brain Stimulation</i> , 2008, 1, 326-336.	0.7	218
28	Guiding transcranial brain stimulation by EEG/MEG to interact with ongoing brain activity and associated functions: A position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 843-857.	0.7	211
29	Human brain connectivity during single and paired pulse transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 54, 90-102.	2.1	204
30	Effect of Transcranial Magnetic Stimulation on Action Naming in Patients With Alzheimer Disease. <i>Archives of Neurology</i> , 2006, 63, 1602.	4.9	189
31	The role of the left frontal lobe in action naming. <i>Neurology</i> , 2002, 59, 720-723.	1.5	182
32	Combining TMS and EEG Offers New Prospects in Cognitive Neuroscience. <i>Brain Topography</i> , 2010, 22, 249-256.	0.8	182
33	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. <i>Journal of Neuroscience</i> , 2004, 24, 7939-7944.	1.7	171
34	The contribution of TMS’s EEG coregistration in the exploration of the human cortical connectome. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 114-124.	2.9	168
35	Multiple mechanisms of selective attention: differential modulation of stimulus processing by attention to space or time. <i>Neuropsychologia</i> , 2002, 40, 2325-2340.	0.7	161
36	Fronto-parietal coupling of brain rhythms in mild cognitive impairment: A multicentric EEG study. <i>Brain Research Bulletin</i> , 2006, 69, 63-73.	1.4	159

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37	Excitability modulation of the motor system induced by transcranial direct current stimulation: A multimodal approach. <i>NeuroImage</i> , 2013, 83, 569-580.	2.1	157
38	Parietal Lobe Contribution to Mental Rotation Demonstrated with rTMS. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 315-323.	1.1	156
39	Frontal white matter volume and delta EEG sources negatively correlate in awake subjects with mild cognitive impairment and Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2006, 117, 1113-1129.	0.7	150
40	The Role of Timing in the Induction of Neuromodulation in Perceptual Learning by Transcranial Electric Stimulation. <i>Brain Stimulation</i> , 2013, 6, 683-689.	0.7	150
41	Directionality of EEG synchronization in Alzheimer's disease subjects. <i>Neurobiology of Aging</i> , 2009, 30, 93-102.	1.5	132
42	The mechanism of transcranial magnetic stimulation in cognition. <i>Cortex</i> , 2010, 46, 128-130.	1.1	131
43	The Role of Prefrontal Cortex in Verbal Episodic Memory: rTMS Evidence. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 855-861.	1.1	130
44	TMS-EEG co-registration: On TMS-induced artifact. <i>Clinical Neurophysiology</i> , 2009, 120, 1392-1399.	0.7	130
45	A real electro-magnetic placebo (REMP) device for sham transcranial magnetic stimulation (TMS). <i>Clinical Neurophysiology</i> , 2007, 118, 709-716.	0.7	128
46	The Interaction With Task-induced Activity is More Important Than Polarization: A tDCS Study. <i>Brain Stimulation</i> , 2015, 8, 269-276.	0.7	128
47	Anodal tDCS during face-name associations memory training in Alzheimer's patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 38.	1.7	127
48	Non-linear effects of transcranial direct current stimulation as a function of individual baseline performance: Evidence from biparietal tDCS influence on lateralized attention bias. <i>Cortex</i> , 2015, 69, 152-165.	1.1	127
49	Transcranial magnetic stimulation of the brain: What is stimulated? " A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	0.7	124
50	Neural Site of the Redundant Target Effect: Electrophysiological Evidence. <i>Journal of Cognitive Neuroscience</i> , 1998, 10, 216-230.	1.1	117
51	Treatment of Primary Progressive Aphasias by Transcranial Direct Current Stimulation Combined with Language Training. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 799-808.	1.2	117
52	Sub-second "etemporal attention"modulates alpha rhythms. A high-resolution EEG study. <i>Cognitive Brain Research</i> , 2004, 19, 259-268.	3.3	114
53	Orienting attention in time. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d660.	3.0	109
54	Modulation of cortical oscillatory activity during transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2008, 29, 603-612.	1.9	106

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55	Reproducibility in TMSâ€“EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , 2019, 12, 787-790.	0.7	106
56	Prefrontal and parietal cortex in human episodic memory: an interference study by repetitive transcranial magnetic stimulation. <i>European Journal of Neuroscience</i> , 2006, 23, 793-800.	1.2	98
57	Vegetative versus Minimally Conscious States: A Study Using TMS-EEG, Sensory and Event-Related Potentials. <i>PLoS ONE</i> , 2013, 8, e57069.	1.1	98
58	Donepezil effects on sources of cortical rhythms in mild Alzheimer's disease: Responders vs. Non-Responders. <i>NeuroImage</i> , 2006, 31, 1650-1665.	2.1	97
59	The Functional Effect of Transcranial Magnetic Stimulation: Signal Suppression or Neural Noise Generation?. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 734-740.	1.1	97
60	Literal, fictive and metaphorical motion sentences preserve the motion component of the verb: A TMS study. <i>Brain and Language</i> , 2011, 119, 149-157.	0.8	97
61	Functional Frontoparietal Connectivity During Short-Term Memory as Revealed by High-Resolution EEG Coherence Analysis.. <i>Behavioral Neuroscience</i> , 2004, 118, 687-697.	0.6	95
62	Apolipoprotein E and alpha brain rhythms in mild cognitive impairment: A multicentric Electroencephalogram study. <i>Annals of Neurology</i> , 2006, 59, 323-334.	2.8	92
63	Is Transcranial Alternating Current Stimulation Effective in Modulating Brain Oscillations?. <i>PLoS ONE</i> , 2013, 8, e56589.	1.1	92
64	Attentional orienting induced by arrows and eye-gaze compared with an endogenous cue. <i>Neuropsychologia</i> , 2009, 47, 370-381.	0.7	91
65	Neurophysiological evidence of neuroplasticity at multiple levels of the somatosensory system in patients with carpal tunnel syndrome. <i>Brain</i> , 1998, 121, 1785-1794.	3.7	84
66	The Neural Mechanisms of the Effects of Transcranial Magnetic Stimulation on Perception. <i>Journal of Neurophysiology</i> , 2010, 103, 2982-2989.	0.9	83
67	5-HTTLPR and BDNF Val66Met polymorphisms and response to rTMS treatment in drug resistant depression. <i>Neuroscience Letters</i> , 2008, 437, 130-134.	1.0	79
68	The right inferior frontal cortex in response inhibition: A tDCSâ€“ERP co-registration study. <i>NeuroImage</i> , 2016, 140, 66-75.	2.1	79
69	Repetitive transcranial magnetic stimulation (rTMS) at high and low frequency: an efficacious therapy for major drug-resistant depression?. <i>Clinical Neurophysiology</i> , 2005, 116, 1062-1071.	0.7	78
70	Functional frontoparietal connectivity during encoding and retrieval processes follows HERA model. <i>Brain Research Bulletin</i> , 2006, 68, 203-212.	1.4	78
71	Hippocampal atrophy and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 2716-2729.	0.7	78
72	Alphaâ€“generation as basic responseâ€“signature to transcranial magnetic stimulation (TMS) targeting the human resting motor cortex: A TMS/EEG coâ€“registration study. <i>Psychophysiology</i> , 2011, 48, 1381-1389.	1.2	78

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73	Transcranial Direct Current Stimulation over Right Dorsolateral Prefrontal Cortex Enhances Error Awareness in Older Age. <i>Journal of Neuroscience</i> , 2014, 34, 3646-3652.	1.7	77
74	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 131.	1.7	76
75	Transcranial magnetic stimulation in cognitive rehabilitation. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 579-601.	1.0	75
76	The differential involvement of inferior parietal lobule in number comparison: a rTMS study. <i>Neuropsychologia</i> , 2004, 42, 1902-1909.	0.7	73
77	Transcranial brain stimulation studies of episodic memory in young adults, elderly adults and individuals with memory dysfunction: A review. <i>Brain Stimulation</i> , 2012, 5, 103-109.	0.7	73
78	Interventional programmes to improve cognition during healthy and pathological ageing: Cortical modulations and evidence for brain plasticity. <i>Ageing Research Reviews</i> , 2018, 43, 81-98.	5.0	72
79	Electrophysiological Correlates of Conscious Vision: Evidence from Unilateral Extinction. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 869-877.	1.1	71
80	Transcranial magnetic stimulation selectively impairs interhemispheric transfer of visuo-motor information in humans. <i>Experimental Brain Research</i> , 1998, 118, 435-438.	0.7	69
81	Lateralized contribution of prefrontal cortex in controlling task-irrelevant information during verbal and spatial working memory tasks: rTMS evidence. <i>Neuropsychologia</i> , 2008, 46, 2056-2063.	0.7	69
82	Is neural hyperpolarization by cathodal stimulation always detrimental at the behavioral level?. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 226.	1.0	68
83	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. <i>NeuroImage</i> , 2004, 21, 1576-1584.	2.1	66
84	Vascular damage and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 1866-1876.	0.7	66
85	Successful physiological aging and episodic memory: A brain stimulation study. <i>Behavioural Brain Research</i> , 2011, 216, 153-158.	1.2	64
86	Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. <i>Clinical Neurophysiology</i> , 2016, 127, 621-628.	0.7	64
87	Anomia training and brain stimulation in chronic aphasia. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 717-741.	1.0	62
88	Seeing touch in the somatosensory cortex: A TMS study of the visual perception of touch. <i>Human Brain Mapping</i> , 2011, 32, 2104-2114.	1.9	62
89	Double dissociation of working memory load effects induced by bilateral parietal modulation. <i>Neuropsychologia</i> , 2012, 50, 396-402.	0.7	62
90	A Simultaneous Modulation of Reactive and Proactive Inhibition Processes by Anodal tDCS on the Right Inferior Frontal Cortex. <i>PLoS ONE</i> , 2014, 9, e113537.	1.1	62

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91	The role of the right dorsolateral prefrontal cortex in visual change awareness. <i>NeuroReport</i> , 2004, 15, 2549-2552.	0.6	61
92	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. <i>Clinical Neurophysiology</i> , 2004, 115, 161-170.	0.7	60
93	Modulation of brain activity by selective task sets observed using event-related potentials. <i>Neuropsychologia</i> , 2005, 43, 1514-1528.	0.7	60
94	Neuroenhancement through cognitive training and anodal tDCS in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 222-230.	1.4	60
95	Reduced Current Spread by Concentric Electrodes in Transcranial Electrical Stimulation (tES). <i>Brain Stimulation</i> , 2016, 9, 525-528.	0.7	60
96	Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. <i>Neuroscience</i> , 2009, 163, 266-276.	1.1	58
97	Empathy and emotion recognition in semantic dementia: A case report. <i>Brain and Cognition</i> , 2009, 70, 247-252.	0.8	56
98	Transcranial stimulation and cognition. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 739-750.	1.0	56
99	Predicting Alzheimer's disease severity by means of TMS-EEG coregistration. <i>Neurobiology of Aging</i> , 2019, 80, 38-45.	1.5	56
100	The role of the dorsolateral prefrontal cortex in retrieval from long-term memory depends on strategies: a repetitive transcranial magnetic stimulation study. <i>Neuroscience</i> , 2010, 166, 501-507.	1.1	54
101	Acute effects of aerobic exercise promote learning. <i>Scientific Reports</i> , 2016, 6, 25440.	1.6	54
102	Non-Pharmacological Intervention for Memory Decline. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 46.	1.0	53
103	Sharing Social Touch in the Primary Somatosensory Cortex. <i>Current Biology</i> , 2014, 24, 1513-1517.	1.8	53
104	Human cortical rhythms during visual delayed choice reaction time tasks. <i>Behavioural Brain Research</i> , 2004, 153, 261-271.	1.2	52
105	Clinical neurophysiology of prolonged disorders of consciousness: From diagnostic stimulation to therapeutic neuromodulation. <i>Clinical Neurophysiology</i> , 2017, 128, 1629-1646.	0.7	52
106	Non-invasive brain stimulation and neuroenhancement. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 146-165.	0.6	51
107	Enhancing cognitive training effects in Alzheimer's disease: rTMS as an add-on treatment. <i>Brain Stimulation</i> , 2020, 13, 1655-1664.	0.7	50
108	White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. <i>Neuropsychologia</i> , 2008, 46, 1707-1720.	0.7	49

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109	Sensory memory during physiological aging indexed by mismatch negativity (MMN). <i>Neurobiology of Aging</i> , 2012, 33, 625.e21-625.e30.	1.5	49
110	Combining Transcranial Electrical Stimulation With Electroencephalography. <i>Clinical EEG and Neuroscience</i> , 2012, 43, 184-191.	0.9	48
111	Medial prefrontal cortex reacts to unfairness if this damages the self: a tDCS study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1054-1060.	1.5	48
112	Brain stimulation and behavioural cognitive rehabilitation: A new tool for neurorehabilitation?. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 553-559.	1.0	47
113	Prefrontal cortex rTMS enhances action naming in progressive non-fluent aphasia. <i>European Journal of Neurology</i> , 2012, 19, 1404-1412.	1.7	47
114	The lexical processing of abstract and concrete nouns. <i>Brain Research</i> , 2009, 1263, 78-86.	1.1	46
115	Characterizing the Cortical Oscillatory Response to TMS Pulse. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 38.	1.8	45
116	Effects of Right Parietal Transcranial Magnetic Stimulation on Object Identification and Orientation Judgments. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 916-926.	1.1	42
117	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. <i>NeuroImage</i> , 2016, 140, 57-65.	2.1	41
118	What exactly is extinguished in unilateral visual extinction? Neurophysiological evidence. <i>Neuropsychologia</i> , 2001, 39, 1354-1366.	0.7	40
119	The contribution of TMS to frontotemporal dementia variants. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 275-280.	1.0	40
120	Motor cortex changes in spinal cord injury: a TMS study. <i>Neurological Research</i> , 2008, 30, 1084-1085.	0.6	39
121	The Neural Bases of Word Encoding and Retrieval: A fMRI-Guided Transcranial Magnetic Stimulation Study. <i>Brain Topography</i> , 2010, 22, 318-332.	0.8	38
122	Potentiation of Short-Latency Cortical Responses by High-Frequency Repetitive Transcranial Magnetic Stimulation. <i>Journal of Neurophysiology</i> , 2010, 104, 1578-1588.	0.9	38
123	Induction of mirror-touch synaesthesia by increasing somatosensory cortical excitability. <i>Current Biology</i> , 2013, 23, R436-R437.	1.8	38
124	Dorsolateral prefrontal transcranial magnetic stimulation in patients with major depression locally affects alpha power of REM sleep. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 433.	1.0	38
125	Brain stimulation improves associative memory in an individual with amnesic mild cognitive impairment. <i>Neurocase</i> , 2012, 18, 217-223.	0.2	37
126	The time course of idiom processing. <i>Neuropsychologia</i> , 2007, 45, 3215-3222.	0.7	36



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127	Orienting of attention with eye and arrow cues and the effect of overtraining. <i>Acta Psychologica</i> , 2010, 134, 353-362.	0.7	36
128	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 420.	1.7	36
129	Pathways of interhemispheric transfer in normals and in a split-brain subject. <i>Experimental Brain Research</i> , 1999, 126, 451-458.	0.7	35
130	The role of the prefrontal cortex in sentence comprehension: An rTMS study. <i>Cortex</i> , 2008, 44, 337-344.	1.1	33
131	The impact of artifact removal approaches on TMS-EEG signal. <i>NeuroImage</i> , 2021, 239, 118272.	2.1	33
132	Watching where you look: modulation of visual processing of foveal stimuli by spatial attention. <i>Neuropsychologia</i> , 2002, 40, 2448-2460.	0.7	32
133	Objective and subjective memory impairment in elderly adults: a revised version of the Everyday Memory Questionnaire. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 67-73.	1.4	32
134	Visual perception of bodily interactions in the primary somatosensory cortex. <i>European Journal of Neuroscience</i> , 2012, 36, 2317-2323.	1.2	31
135	Ibuprofen treatment modifies cortical sources of EEG rhythms in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2009, 120, 709-718.	0.7	30
136	Time perception in spatial neglect: A distorted representation?. <i>Neuropsychology</i> , 2011, 25, 193-200.	1.0	30
137	Functional inhibition of the human middle temporal cortex affects non-visual motion perception: a repetitive transcranial magnetic stimulation study during tactile speed discrimination. <i>Experimental Biology and Medicine</i> , 2011, 236, 138-144.	1.1	29
138	Efficacy of semantic-phonological treatment combined with tDCS for verb retrieval in a patient with aphasia. <i>Neurocase</i> , 2015, 21, 109-119.	0.2	29
139	Behavioural and electrophysiological modulations induced by transcranial direct current stimulation in healthy elderly and Alzheimer's disease patients: A pilot study. <i>Clinical Neurophysiology</i> , 2019, 130, 2038-2052.	0.7	29
140	Action and Object Naming in Physiological Aging: An rTMS Study. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 151.	1.7	28
141	TMS modulation of visual and auditory processing in the posterior parietal cortex. <i>Experimental Brain Research</i> , 2009, 195, 509-517.	0.7	27
142	The neural basis of the Enigma illusion: A transcranial magnetic stimulation study. <i>Neuropsychologia</i> , 2011, 49, 3648-3655.	0.7	27
143	The mismatch negativity as an index of cognitive decline for the early detection of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 33167.	1.6	25
144	Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. <i>NeuroImage</i> , 2016, 140, 50-56.	2.1	25

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145	Scalp topography and source analysis of interictal spontaneous spikes and evoked spikes by digital stimulation in benign rolandic epilepsy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 107, 18-26.	0.3	24
146	Spike topography and functional magnetic resonance imaging (fMRI) in benign rolandic epilepsy with spikes evoked by tapping stimulation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 107, 88-92.	0.3	24
147	Influence of somatosensory input on paroxysmal activity in benign rolandic epilepsy with 'extreme somatosensory evoked potentials'. <i>Brain</i> , 1998, 121, 647-658.	3.7	24
148	Integrating TMS, EEG, and MRI as an Approach for Studying Brain Connectivity. <i>Neuroscientist</i> , 2020, 26, 471-486.	2.6	24
149	Transcranial Direct Current Stimulation in Neurodegenerative Disorders. <i>Journal of ECT</i> , 2018, 34, 193-202.	0.3	23
150	EEG Deblurring Techniques in a Clinical Context. <i>Methods of Information in Medicine</i> , 2004, 43, 114-117.	0.7	23
151	Cortical Networks Generating Movement-Related EEG Rhythms in Alzheimer's Disease: An EEG Coherence Study.. <i>Behavioral Neuroscience</i> , 2004, 118, 698-706.	0.6	22
152	The effect of TMS on visual motion sensitivity: an increase in neural noise or a decrease in signal strength?. <i>Journal of Neurophysiology</i> , 2011, 106, 138-143.	0.9	22
153	Touching Motion: rTMS on the Human Middle Temporal Complex Interferes with Tactile Speed Perception. <i>Brain Topography</i> , 2012, 25, 389-398.	0.8	21
154	Compensatory networks to counteract the effects of ageing on language. <i>Behavioural Brain Research</i> , 2013, 249, 22-27.	1.2	21
155	Role of the anterior temporal lobes in semantic representations: Paradoxical results of a cTBS study. <i>Neuropsychologia</i> , 2015, 76, 163-169.	0.7	21
156	Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€”part I. <i>Neurological Sciences</i> , 2020, 41, 2711-2735.	0.9	19
157	Asymmetric transcallosal conduction delay leads to finer bimanual coordination. <i>Brain Stimulation</i> , 2021, 14, 379-388.	0.7	19
158	Event-related power modulations of brain activity preceding visually guided saccades. <i>Brain Research</i> , 2007, 1136, 122-131.	1.1	18
159	Cortical modulation of short-latency TMS-evoked potentials. <i>Frontiers in Human Neuroscience</i> , 2013, 6, 352.	1.0	18
160	Naming Ability Changes in Physiological and Pathological Aging. <i>Frontiers in Neuroscience</i> , 2012, 6, 120.	1.4	17
161	Bursts of transcranial electrical stimulation increase arousal in a continuous performance test. <i>Neuropsychologia</i> , 2015, 74, 127-136.	0.7	15
162	Age-related changes in cortical connectivity influence the neuromodulatory effects of transcranial electrical stimulation. <i>Neurobiology of Aging</i> , 2019, 82, 77-87.	1.5	15

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