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	Transcranial electric stimulation as a neural interface to gain insight on human brain functions: current knowledge and future perspective. Social Cognitive and Affective Neuroscience, 2022, 17, 4-14.	1.5	4
2	Responsiveness to leftâ€prefrontal tDCS varies according to arousal levels. European Journal of Neuroscience, 2022, 55, 762-777.	1.2	9
3	An integrated TMS-EEG and MRI approach to explore the interregional connectivity of the default mode network. Brain Structure and Function, 2022, 227, 1133-1144.	1.2	5
4	Non-invasive brain stimulation and neuroenhancement. Clinical Neurophysiology Practice, 2022, 7, 146-165.	0.6	51
5	Transcranial magnetic stimulation of the brain: What is stimulated? â€“ A consensus and critical position paper. Clinical Neurophysiology, 2022, 140, 59-97.	0.7	124
6	Early response competition over the motor cortex underlies proactive control of error correction. Scientific Reports, 2022, 12, .	1.6	0
7	Age-related Changes in Cortical Excitability Linked to Decreased Attentional and Inhibitory Control. Neuroscience, 2022, 495, 1-14.	1.1	6
8	A questionnaire to collect unintended effects of transcranial magnetic stimulation: A consensus based approach. Clinical Neurophysiology, 2022, 141, 101-108.	0.7	12
9	tDCS effects on brain network properties during physiological aging. Pflugers Archiv European Journal of Physiology, 2021, 473, 785-792.	1.3	6
10	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. Clinical Neurophysiology, 2021, 132, 269-306.	0.7	553
11	tDCS over posterior parietal cortex increases cortical excitability but decreases learning: An ERPs and TMS-EEG study. Brain Research, 2021, 1753, 147227.	1.1	15
12	Asymmetric transcallosal conduction delay leads to finer bimanual coordination. Brain Stimulation, 2021, 14, 379-388.	0.7	19
13	Remember as we empathize. Do brain mechanisms engaged in autobiographical memory retrieval causally affect empathy awareness? A combined TMS and EEG registered report. Journal of Neuroscience Research, 2021, 99, 2377-2389.	1.3	0
14	Baseline levels of alertness influence tES effects along different age-related directions. Neuropsychologia, 2021, 160, 107966.	0.7	2
15	Alpha-band cortico-cortical phase synchronization is associated with effective connectivity in the motor network. Clinical Neurophysiology, 2021, 132, 2473-2480.	0.7	12
16	The impact of artifact removal approaches on TMSâ€“EEG signal. NeuroImage, 2021, 239, 118272.	2.1	33
17	Protocols for cognitive enhancement. A user manual for Brain Health Servicesâ€”part 5 of 6. Alzheimer's Research and Therapy, 2021, 13, 172.	3.0	15
18	State-dependent TMS reveals the differential contribution of ATL and IPS to the representation of abstract concepts related to social and quantity knowledge. Cortex, 2020, 123, 30-41.	1.1	14

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19	Enhancing cognitive training effects in Alzheimerâ€™s disease: rTMS as an add-on treatment. Brain Stimulation, 2020, 13, 1655-1664.	0.7	50
20	Pearl 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 II. Neurological Sciences, 2020, 41, 3503-3515.	0.9	11
21	Integrating TMS, EEG, and MRI as an Approach for Studying Brain Connectivity. Neuroscientist, 2020, 26, 471-486.	2.6	24
22	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. Neurological Sciences, 2020, 41, 2711-2735.	0.9	19
23	Effects of different transcranial direct current stimulation protocols on visuo-spatial contextual learning formation: evidence of homeostatic regulatory mechanisms. Scientific Reports, 2020, 10, 4622.	1.6	15
24	Touch anticipation mediates cross-modal Hebbian plasticity in the primary somatosensory cortex. Cortex, 2020, 126, 173-181.	1.1	6
25	Modelling the effects of ongoing alpha activity on visual perception: The oscillation-based probability of response. Neuroscience and Biobehavioral Reviews, 2020, 112, 242-253.	2.9	15
26	Perceptual and Physiological Consequences of Dark Adaptation: A TMS-EEG Study. Brain Topography, 2019, 32, 773-782.	0.8	8
27	Hebbian associative plasticity in the visuo-tactile domain: A cross-modal paired associative stimulation protocol. NeuroImage, 2019, 201, 116025.	2.1	11
28	Age-related changes in cortical connectivity influence the neuromodulatory effects of transcranial electrical stimulation. Neurobiology of Aging, 2019, 82, 77-87.	1.5	15
29	Dependence of connectivity on geometric distance in brain networks. Scientific Reports, 2019, 9, 13412.	1.6	13
30	Behavioural and electrophysiological modulations induced by transcranial direct current stimulation in healthy elderly and Alzheimerâ€™s disease patients: A pilot study. Clinical Neurophysiology, 2019, 130, 2038-2052.	0.7	29
31	Reproducibility in TMSâ€“EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	0.7	106
32	Predicting Alzheimer's disease severity by means of TMSâ€“EEG coregistration. Neurobiology of Aging, 2019, 80, 38-45.	1.5	56
33	Excitatory and inhibitory lateral interactions effects on contrast detection are modulated by tRNS. Scientific Reports, 2019, 9, 19274.	1.6	15
34	Interventional programmes to improve cognition during healthy and pathological ageing: Cortical modulations and evidence for brain plasticity. Ageing Research Reviews, 2018, 43, 81-98.	5.0	72
35	How brain response and eating habits modulate food energy estimation. Physiology and Behavior, 2018, 188, 18-24.	1.0	6
36	Transcranial Direct Current Stimulation in Neurodegenerative Disorders. Journal of ECT, 2018, 34, 193-202.	0.3	23

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37	Noninvasive brain stimulation of the parietal lobe for improving neurologic, neuropsychologic, and neuropsychiatric deficits. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 151, 427-446.	1.0	5
38	Transcranial Electrical Stimulation. Neuroscientist, 2017, 23, 109-123.	2.6	317
39	Guiding transcranial brain stimulation by EEG/MEG to interact with ongoing brain activity and associated functions: A position paper. Clinical Neurophysiology, 2017, 128, 843-857.	0.7	211
40	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. Clinical Neurophysiology, 2017, 128, 1774-1809.	0.7	783
41	Clinical neurophysiology of prolonged disorders of consciousness: From diagnostic stimulation to therapeutic neuromodulation. Clinical Neurophysiology, 2017, 128, 1629-1646.	0.7	52
42	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. Frontiers in Aging Neuroscience, 2017, 9, 420.	1.7	36
43	Characterizing the Cortical Oscillatory Response to TMS Pulse. Frontiers in Cellular Neuroscience, 2017, 11, 38.	1.8	45
44	Acute effects of aerobic exercise promote learning. Scientific Reports, 2016, 6, 25440.	1.6	54
45	On the Functional Equivalence of Electrodes in Transcranial Random Noise Stimulation. Brain Stimulation, 2016, 9, 621-622.	0.7	9
46	Multimodal Association of tDCS with Electroencephalography. , 2016, , 153-168.		1
47	The mismatch negativity as an index of cognitive decline for the early detection of Alzheimerâ€™s disease. Scientific Reports, 2016, 6, 33167.	1.6	25
48	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. NeuroImage, 2016, 140, 57-65.	2.1	41
49	Neuroenhancement through cognitive training and anodal tDCS in multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 222-230.	1.4	60
50	A technical guide to tDCS, and related non-invasive brain stimulation tools. Clinical Neurophysiology, 2016, 127, 1031-1048.	0.7	998
51	The right inferior frontal cortex in response inhibition: A tDCSâ€“ERP co-registration study. NeuroImage, 2016, 140, 66-75.	2.1	79
52	Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. NeuroImage, 2016, 140, 50-56.	2.1	25
53	Reduced Current Spread by Concentric Electrodes in Transcranial Electrical Stimulation (tES). Brain Stimulation, 2016, 9, 525-528.	0.7	60
54	Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. Clinical Neurophysiology, 2016, 127, 621-628.	0.7	64

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55	A Foreword on the Use of Noninvasive Brain Stimulation in Psychology. European Psychologist, 2016, 21, 1-3.	1.8	4
56	A contemporary research topic: manipulative approaches to human brain dynamics. Frontiers in Human Neuroscience, 2015, 9, 118.	1.0	4
57	Non-linear effects of transcranial direct current stimulation as a function of individual baseline performance: Evidence from biparietal tDCS influence on lateralized attention bias. Cortex, 2015, 69, 152-165.	1.1	127
58	Bursts of transcranial electrical stimulation increase arousal in a continuous performance test. Neuropsychologia, 2015, 74, 127-136.	0.7	15
59	Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. , 2015, 2015, 2729-32.		12
60	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. Clinical Neurophysiology, 2015, 126, 1071-1107.	0.7	1,957
61	The Interaction With Task-induced Activity is More Important Than Polarization: A tDCS Study. Brain Stimulation, 2015, 8, 269-276.	0.7	128
62	Medial prefrontal cortex reacts to unfairness if this damages the self: a tDCS study. Social Cognitive and Affective Neuroscience, 2015, 10, 1054-1060.	1.5	48
63	Efficacy of semanticâ€“phonological treatment combined with tDCS for verb retrieval in a patient with aphasia. Neurocase, 2015, 21, 109-119.	0.2	29
64	What do you feel if I apply transcranial electric stimulation? Safety, sensations and secondary induced effects. Clinical Neurophysiology, 2015, 126, 2181-2188.	0.7	289
65	Role of the anterior temporal lobes in semantic representations: Paradoxical results of a cTBS study. Neuropsychologia, 2015, 76, 163-169.	0.7	21
66	The contribution of TMSâ€“EEG coregistration in the exploration of the human cortical connectome. Neuroscience and Biobehavioral Reviews, 2015, 49, 114-124.	2.9	168
67	A Simultaneous Modulation of Reactive and Proactive Inhibition Processes by Anodal tDCS on the Right Inferior Frontal Cortex. PLoS ONE, 2014, 9, e113537.	1.1	62
68	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. Frontiers in Aging Neuroscience, 2014, 6, 131.	1.7	76
69	Is neural hyperpolarization by cathodal stimulation always detrimental at the behavioral level?. Frontiers in Behavioral Neuroscience, 2014, 8, 226.	1.0	68
70	Transcranial Direct Current Stimulation over Right Dorsolateral Prefrontal Cortex Enhances Error Awareness in Older Age. Journal of Neuroscience, 2014, 34, 3646-3652.	1.7	77
71	Sharing Social Touch in the Primary Somatosensory Cortex. Current Biology, 2014, 24, 1513-1517.	1.8	53
72	On the challenge of measuring direct cortical reactivity by TMS-EEG. Brain Stimulation, 2014, 7, 759-760.	0.7	7

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73	Treatment of Primary Progressive Aphasias by Transcranial Direct Current Stimulation Combined with Language Training. Journal of Alzheimer's Disease, 2014, 39, 799-808.	1.2	117
74	Anodal tDCS during face-name associations memory training in Alzheimer's patients. Frontiers in Aging Neuroscience, 2014, 6, 38.	1.7	127
75	Excitability modulation of the motor system induced by transcranial direct current stimulation: A multimodal approach. NeuroImage, 2013, 83, 569-580.	2.1	157
76	Induction of mirror-touch synaesthesia by increasing somatosensory cortical excitability. Current Biology, 2013, 23, R436-R437.	1.8	38
77	The Role of Timing in the Induction of Neuromodulation in Perceptual Learning by Transcranial Electric Stimulation. Brain Stimulation, 2013, 6, 683-689.	0.7	150
78	Transcranial stimulation and cognition. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 739-750.	1.0	56
79	Modelling non-invasive brain stimulation in cognitive neuroscience. Neuroscience and Biobehavioral Reviews, 2013, 37, 1702-1712.	2.9	432
80	Compensatory networks to counteract the effects of ageing on language. Behavioural Brain Research, 2013, 249, 22-27.	1.2	21
81	Cortical modulation of short-latency TMS-evoked potentials. Frontiers in Human Neuroscience, 2013, 6, 352.	1.0	18
82	Dorsolateral prefrontal transcranial magnetic stimulation in patients with major depression locally affects alpha power of REM sleep. Frontiers in Human Neuroscience, 2013, 7, 433.	1.0	38
83	Is Transcranial Alternating Current Stimulation Effective in Modulating Brain Oscillations?. PLoS ONE, 2013, 8, e56589.	1.1	92
84	Vegetative versus Minimally Conscious States: A Study Using TMS-EEG, Sensory and Event-Related Potentials. PLoS ONE, 2013, 8, e57069.	1.1	98
85	Brain stimulation improves associative memory in an individual with amnestic mild cognitive impairment. Neurocase, 2012, 18, 217-223.	0.2	37
86	Combining Transcranial Electrical Stimulation With Electroencephalography. Clinical EEG and Neuroscience, 2012, 43, 184-191.	0.9	48
87	Non-Pharmacological Intervention for Memory Decline. Frontiers in Human Neuroscience, 2012, 6, 46.	1.0	53
88	Touching Motion: rTMS on the Human Middle Temporal Complex Interferes with Tactile Speed Perception. Brain Topography, 2012, 25, 389-398.	0.8	21
89	Sensory memory during physiological aging indexed by mismatch negativity (MMN). Neurobiology of Aging, 2012, 33, 625.e21-625.e30.	1.5	49
90	The Functional Importance of Rhythmic Activity in the Brain. Current Biology, 2012, 22, R658-R663.	1.8	329

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91	Naming Ability Changes in Physiological and Pathological Aging. Frontiers in Neuroscience, 2012, 6, 120.	1.4	17
92	Transcranial brain stimulation studies of episodic memory in young adults, elderly adults and individuals with memory dysfunction: A review. Brain Stimulation, 2012, 5, 103-109.	0.7	73
93	Double dissociation of working memory load effects induced by bilateral parietal modulation. Neuropsychologia, 2012, 50, 396-402.	0.7	62
94	Prefrontal cortex rTMS enhances action naming in progressive nonâ€fluent aphasia. European Journal of Neurology, 2012, 19, 1404-1412.	1.7	47
95	Visual perception of bodily interactions in the primary somatosensory cortex. European Journal of Neuroscience, 2012, 36, 2317-2323.	1.2	31
96	Accessing Cortical Connectivity Using TMS: EEG Co-registration. , 2012, , 93-110.		1
97	Transcranial magnetic stimulation in cognitive rehabilitation. Neuropsychological Rehabilitation, 2011, 21, 579-601.	1.0	75
98	Anomia training and brain stimulation in chronic aphasia. Neuropsychological Rehabilitation, 2011, 21, 717-741.	1.0	62
99	Human brain connectivity during single and paired pulse transcranial magnetic stimulation. NeuroImage, 2011, 54, 90-102.	2.1	204
100	Objective and subjective memory impairment in elderly adults: a revised version of the Everyday Memory Questionnaire. Aging Clinical and Experimental Research, 2011, 23, 67-73.	1.4	32
101	Brain stimulation and behavioural cognitive rehabilitation: A new tool for neurorehabilitation?. Neuropsychological Rehabilitation, 2011, 21, 553-559.	1.0	47
102	Successful physiological aging and episodic memory: A brain stimulation study. Behavioural Brain Research, 2011, 216, 153-158.	1.2	64
103	Time perception in spatial neglect: A distorted representation?. Neuropsychology, 2011, 25, 193-200.	1.0	30
104	Alphaâ€generation as basic responseâ€signature to transcranial magnetic stimulation (TMS) targeting the human resting motor cortex: A TMS/EEG coâ€registration study. Psychophysiology, 2011, 48, 1381-1389.	1.2	78
105	The neural basis of the Enigma illusion: A transcranial magnetic stimulation study. Neuropsychologia, 2011, 49, 3648-3655.	0.7	27
106	Rhythmic TMS Causes Local Entrainment of Natural Oscillatory Signatures. Current Biology, 2011, 21, 1176-1185.	1.8	462
107	Literal, fictive and metaphorical motion sentences preserve the motion component of the verb: A TMS study. Brain and Language, 2011, 119, 149-157.	0.8	97
108	Seeing touch in the somatosensory cortex: A TMS study of the visual perception of touch. Human Brain Mapping, 2011, 32, 2104-2114.	1.9	62

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109	Functional inhibition of the human middle temporal cortex affects non-visual motion perception: a repetitive transcranial magnetic stimulation study during tactile speed discrimination. Experimental Biology and Medicine, 2011, 236, 138-144.	1.1	29
110	Random Noise Stimulation Improves Neuroplasticity in Perceptual Learning. Journal of Neuroscience, 2011, 31, 15416-15423.	1.7	291
111	Improved language performance in Alzheimer disease following brain stimulation. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 794-797.	0.9	232
112	The effect of TMS on visual motion sensitivity: an increase in neural noise or a decrease in signal strength?. Journal of Neurophysiology, 2011, 106, 138-143.	0.9	22
113	The Neural Mechanisms of the Effects of Transcranial Magnetic Stimulation on Perception. Journal of Neurophysiology, 2010, 103, 2982-2989.	0.9	83
114	Orienting of attention with eye and arrow cues and the effect of overtraining. Acta Psychologica, 2010, 134, 353-362.	0.7	36
115	Combining TMS and EEG Offers New Prospects in Cognitive Neuroscience. Brain Topography, 2010, 22, 249-256.	0.8	182
116	The Neural Bases of Word Encoding and Retrieval: A fMRI-Guided Transcranial Magnetic Stimulation Study. Brain Topography, 2010, 22, 318-332.	0.8	38
117	Action and Object Naming in Physiological Aging: An rTMS Study. Frontiers in Aging Neuroscience, 2010, 2, 151.	1.7	28
118	Potentiation of Short-Latency Cortical Responses by High-Frequency Repetitive Transcranial Magnetic Stimulation. Journal of Neurophysiology, 2010, 104, 1578-1588.	0.9	38
119	The when and where of spatial storage in memory-guided saccades. NeuroImage, 2010, 52, 1611-1620.	2.1	8
120	The mechanism of transcranial magnetic stimulation in cognition. Cortex, 2010, 46, 128-130.	1.1	131
121	Naming facilitation induced by transcranial direct current stimulation. Behavioural Brain Research, 2010, 208, 311-318.	1.2	256
122	The role of the dorsolateral prefrontal cortex in retrieval from long-term memory depends on strategies: a repetitive transcranial magnetic stimulation study. Neuroscience, 2010, 166, 501-507.	1.1	54
123	Effects of right parietal TMS on object recognition. Journal of Vision, 2010, 6, 324-324.	0.1	1
124	Transcranial Magnetic Stimulation in the Study of Language and Communication. , 2010, , 47-59.		0
125	Heritability of Intracortical Inhibition and Facilitation. Journal of Neuroscience, 2009, 29, 8897-8900.	1.7	11
126	Attentional orienting induced by arrows and eye-gaze compared with an endogenous cue. Neuropsychologia, 2009, 47, 370-381.	0.7	91

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127	The lexical processing of abstract and concrete nouns. Brain Research, 2009, 1263, 78-86.	1.1	46
128	Consensus paper: Combining transcranial stimulation with neuroimaging. Brain Stimulation, 2009, 2, 58-80.	0.7	299
129	TMS modulation of visual and auditory processing in the posterior parietal cortex. Experimental Brain Research, 2009, 195, 509-517.	0.7	27
130	Faceâ€“name repetition priming in semantic dementia: A case report. Brain and Cognition, 2009, 70, 231-237.	0.8	9
131	Empathy and emotion recognition in semantic dementia: A case report. Brain and Cognition, 2009, 70, 247-252.	0.8	56
132	New insights into rhythmic brain activity from TMSâ€“EEG studies. Trends in Cognitive Sciences, 2009, 13, 182-189.	4.0	346
133	Directionality of EEG synchronization in Alzheimer's disease subjects. Neurobiology of Aging, 2009, 30, 93-102.	1.5	132
134	Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. Neuroscience, 2009, 163, 266-276.	1.1	58
135	Ibuprofen treatment modifies cortical sources of EEG rhythms in mild Alzheimerâ€™s disease. Clinical Neurophysiology, 2009, 120, 709-718.	0.7	30
136	TMS-EEG co-registration: On TMS-induced artifact. Clinical Neurophysiology, 2009, 120, 1392-1399.	0.7	130
137	Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. Clinical Neurophysiology, 2009, 120, 2008-2039.	0.7	4,364
138	Modulation of cortical oscillatory activity during transcranial magnetic stimulation. Human Brain Mapping, 2008, 29, 603-612.	1.9	106
139	The contribution of TMS to frontotemporal dementia variants. Acta Neurologica Scandinavica, 2008, 118, 275-280.	1.0	40
140	Transcranial magnetic stimulation improves naming in Alzheimer disease patients at different stages of cognitive decline. European Journal of Neurology, 2008, 15, 1286-1292.	1.7	221
141	High frequency TMS induces changes in cortical excitability as revealed by EEG responses: a co-registration study.. Brain Stimulation, 2008, 1, 274.	0.7	1
142	Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. Brain Stimulation, 2008, 1, 326-336.	0.7	218
143	Lateralized contribution of prefrontal cortex in controlling task-irrelevant information during verbal and spatial working memory tasks: rTMS evidence. Neuropsychologia, 2008, 46, 2056-2063.	0.7	69
144	White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. Neuropsychologia, 2008, 46, 1707-1720.	0.7	49

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145	P029 Direct evaluation of intra-cortical inhibition and facilitation balance in human motor cortex: an EEG-paired pulse TMS study. Clinical Neurophysiology, 2008, 119, S78.	0.7	0
146	5-HTTLPR and BDNF Val66Met polymorphisms and response to rTMS treatment in drug resistant depression. Neuroscience Letters, 2008, 437, 130-134.	1.0	79
147	The role of the prefrontal cortex in sentence comprehension: An rTMS study. Cortex, 2008, 44, 337-344.	1.1	33
148	Motor cortex changes in spinal cord injury: a TMS study. Neurological Research, 2008, 30, 1084-1085.	0.6	39
149	The Functional Effect of Transcranial Magnetic Stimulation: Signal Suppression or Neural Noise Generation?. Journal of Cognitive Neuroscience, 2008, 20, 734-740.	1.1	97
150	Effects of Right Parietal Transcranial Magnetic Stimulation on Object Identification and Orientation Judgments. Journal of Cognitive Neuroscience, 2008, 20, 916-926.	1.1	42
151	A real electro-magnetic placebo (REMP) device for sham transcranial magnetic stimulation (TMS). Clinical Neurophysiology, 2007, 118, 709-716.	0.7	128
152	Vascular damage and EEG markers in subjects with mild cognitive impairment. Clinical Neurophysiology, 2007, 118, 1866-1876.	0.7	66
153	Hippocampal atrophy and EEG markers in subjects with mild cognitive impairment. Clinical Neurophysiology, 2007, 118, 2716-2729.	0.7	78
154	Right Hemisphere Involvement in Non-Fluent Primary Progressive Aphasia. Behavioural Neurology, 2007, 18, 239-243.	1.1	14
155	Persistent Autobiographical Amnesia: A Case Report. Behavioural Neurology, 2007, 18, 13-17.	1.1	11
156	Event-related power modulations of brain activity preceding visually guided saccades. Brain Research, 2007, 1136, 122-131.	1.1	18
157	The time course of idiom processing. Neuropsychologia, 2007, 45, 3215-3222.	0.7	36
158	Donepezil effects on sources of cortical rhythms in mild Alzheimer's disease: Responders vs. Non-Responders. NeuroImage, 2006, 31, 1650-1665.	2.1	97
159	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. Clinical Neurophysiology, 2006, 117, 252-268.	0.7	260
160	Frontal white matter volume and delta EEG sources negatively correlate in awake subjects with mild cognitive impairment and Alzheimer's disease. Clinical Neurophysiology, 2006, 117, 1113-1129.	0.7	150
161	Transcranial magnetic stimulation and cortical evoked potentials: A TMS/EEG co-registration study. Clinical Neurophysiology, 2006, 117, 1699-1707.	0.7	272
162	Functional frontoparietal connectivity during encoding and retrieval processes follows HERA model. Brain Research Bulletin, 2006, 68, 203-212.	1.4	78

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163	Fronto-parietal coupling of brain rhythms in mild cognitive impairment: A multicentric EEG study. Brain Research Bulletin, 2006, 69, 63-73.	1.4	159
164	Conversion from mild cognitive impairment to Alzheimerâ€™s disease is predicted by sources and coherence of brain electroencephalography rhythms. Neuroscience, 2006, 143, 793-803.	1.1	242
165	Prefrontal and parietal cortex in human episodic memory: an interference study by repetitive transcranial magnetic stimulation. European Journal of Neuroscience, 2006, 23, 793-800.	1.2	98
166	Sources of cortical rhythms in adults during physiological aging: A multicentric EEG study. Human Brain Mapping, 2006, 27, 162-172.	1.9	253
167	Apolipoprotein E and alpha brain rhythms in mild cognitive impairment: A multicentric Electroencephalogram study. Annals of Neurology, 2006, 59, 323-334.	2.8	92
168	Effect of Transcranial Magnetic Stimulation on Action Naming in Patients With Alzheimer Disease. Archives of Neurology, 2006, 63, 1602.	4.9	189
169	Modulation of brain activity by selective task sets observed using event-related potentials. Neuropsychologia, 2005, 43, 1514-1528.	0.7	60
170	Repetitive transcranial magnetic stimulation (rTMS) at high and low frequency: an efficacious therapy for major drug-resistant depression?. Clinical Neurophysiology, 2005, 116, 1062-1071.	0.7	78
171	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. Journal of Neuroscience, 2004, 24, 7939-7944.	1.7	171
172	The differential involvement of inferior parietal lobule in number comparison: a rTMS study. Neuropsychologia, 2004, 42, 1902-1909.	0.7	73
173	Sub-second â€œtemporal attentionâ€•modulates alpha rhythms. A high-resolution EEG study. Cognitive Brain Research, 2004, 19, 259-268.	3.3	114
174	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. Clinical Neurophysiology, 2004, 115, 161-170.	0.7	60
175	Human cortical rhythms during visual delayed choice reaction time tasks. Behavioural Brain Research, 2004, 153, 261-271.	1.2	52
176	Cortical alpha rhythms in mild Alzheimer's disease. A multicentric EEG study. International Congress Series, 2004, 1270, 44-49.	0.2	3
177	Individual analysis of EEG frequency and band power in mild Alzheimer's disease. Clinical Neurophysiology, 2004, 115, 299-308.	0.7	311
178	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. NeuroImage, 2004, 22, 57-67.	2.1	253
179	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. NeuroImage, 2004, 21, 1576-1584.	2.1	66
180	Transcranial Magnetic Stimulation of the Prefrontal Cortex: A Complementary Approach to Investigate Human Long-Term Memory. , 2004, , 269-288.		1

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181	The role of the right dorsolateral prefrontal cortex in visual change awareness. NeuroReport, 2004, 15, 2549-2552.	0.6	61
182	Functional Frontoparietal Connectivity During Short-Term Memory as Revealed by High-Resolution EEG Coherence Analysis.. Behavioral Neuroscience, 2004, 118, 687-697.	0.6	95
183	Cortical Networks Generating Movement-Related EEG Rhythms in Alzheimer's Disease: An EEG Coherence Study.. Behavioral Neuroscience, 2004, 118, 698-706.	0.6	22
184	EEG Deblurring Techniques in a Clinical Context. Methods of Information in Medicine, 2004, 43, 114-117.	0.7	23
185	EEG deblurring techniques in a clinical context. Methods of Information in Medicine, 2004, 43, 114-7.	0.7	7
186	The Role of Prefrontal Cortex in Verbal Episodic Memory: rTMS Evidence. Journal of Cognitive Neuroscience, 2003, 15, 855-861.	1.1	130
187	Chapter 32 The causal role of the prefrontal cortex in episodic memory as demonstrated with rTMS. Supplements To Clinical Neurophysiology, 2003, 56, 312-320.	2.1	11
188	The role of the left frontal lobe in action naming: rTMS evidence. Neurology, 2003, 60, 1052-1052.	1.5	1
189	Parietal Lobe Contribution to Mental Rotation Demonstrated with rTMS. Journal of Cognitive Neuroscience, 2003, 15, 315-323.	1.1	156
190	Transient Storage of a Tactile Memory Trace in Primary Somatosensory Cortex. Journal of Neuroscience, 2002, 22, 8720-8725.	1.7	270
191	Interhemispheric transfer and laterality effects in simple visual reaction time in schizophrenics. Cognitive Neuropsychiatry, 2002, 7, 97-111.	0.7	9
192	The role of the left frontal lobe in action naming. Neurology, 2002, 59, 720-723.	1.5	182
193	Watching where you look: modulation of visual processing of foveal stimuli by spatial attention. Neuropsychologia, 2002, 40, 2448-2460.	0.7	32
194	Multiple mechanisms of selective attention: differential modulation of stimulus processing by attention to space or time. Neuropsychologia, 2002, 40, 2325-2340.	0.7	161
195	Orienting attention in time. Frontiers in Bioscience - Landmark, 2001, 6, d660.	3.0	109
196	Prefontal cortex in long-term memory: an â€œinterferenceâ€•approach using magnetic stimulation. Nature Neuroscience, 2001, 4, 948-952.	7.1	259
197	What exactly is extinguished in unilateral visual extinction? Neurophysiological evidence. Neuropsychologia, 2001, 39, 1354-1366.	0.7	40
198	The dynamics of shifting visuospatial attention revealed by event-related potentials. Neuropsychologia, 2000, 38, 964-974.	0.7	226

#	Article	IF	Citations
199	Electrophysiological Correlates of Conscious Vision: Evidence from Unilateral Extinction. Journal of Cognitive Neuroscience, 2000, 12, 869-877.	1.1	71
200	Orienting attention in time. Brain, 1999, 122, 1507-1518.	3.7	340
201	Pathways of interhemispheric transfer in normals and in a split-brain subject. Experimental Brain Research, 1999, 126, 451-458.	0.7	35
202	Scalp topography and source analysis of interictal spontaneous spikes and evoked spikes by digital stimulation in benign rolandic epilepsy. Electroencephalography and Clinical Neurophysiology, 1998, 107, 18-26.	0.3	24
203	Spike topography and functional magnetic resonance imaging (fMRI) in benign rolandic epilepsy with spikes evoked by tapping stimulation. Electroencephalography and Clinical Neurophysiology, 1998, 107, 88-92.	0.3	24
204	Transcranial magnetic stimulation selectively impairs interhemispheric transfer of visuo-motor information in humans. Experimental Brain Research, 1998, 118, 435-438.	0.7	69
205	Neural Site of the Redundant Target Effect: Electrophysiological Evidence. Journal of Cognitive Neuroscience, 1998, 10, 216-230.	1.1	117
206	Influence of somatosensory input on paroxysmal activity in benign rolandic epilepsy with 'extreme somatosensory evoked potentials'. Brain, 1998, 121, 647-658.	3.7	24
207	Neurophysiological evidence of neuroplasticity at multiple levels of the somatosensory system in patients with carpal tunnel syndrome. Brain, 1998, 121, 1785-1794.	3.7	84