

# Carlo Miniussi

## List of Publications by Year in descending order

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207  
papers

24,872  
citations

10389

72  
h-index

7950

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.  | 1.5 | 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. | 1.5 | 1,957     |
| 3  | A technical guide to tDCS, and related non-invasive brain stimulation tools. <i>Clinical Neurophysiology</i> , 2016, 127, 1031-1048.  | 1.5 | 998       |
| 4  | Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , 2017, 128, 1774-1809.  | 1.5 | 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.   | 1.5 | 553       |
| 6  | Rhythmic TMS Causes Local Entrainment of Natural Oscillatory Signatures. <i>Current Biology</i> , 2011, 21, 1176-1185.  | 3.9 | 462       |
| 7  | Modelling non-invasive brain stimulation in cognitive neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1702-1712.  | 6.1 | 432       |
| 8  | New insights into rhythmic brain activity from TMSâ€“EEG studies. <i>Trends in Cognitive Sciences</i> , 2009, 13, 182-189.  | 7.8 | 346       |
| 9  | Orienting attention in time. <i>Brain</i> , 1999, 122, 1507-1518.   | 7.6 | 340       |
| 10 | The Functional Importance of Rhythmic Activity in the Brain. <i>Current Biology</i> , 2012, 22, R658-R663.  | 3.9 | 329       |
| 11 | Transcranial Electrical Stimulation. <i>Neuroscientist</i> , 2017, 23, 109-123.   | 3.5 | 317       |
| 12 | Individual analysis of EEG frequency and band power in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2004, 115, 299-308.  | 1.5 | 311       |
| 13 | Consensus paper: Combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , 2009, 2, 58-80.   | 1.6 | 299       |
| 14 | Random Noise Stimulation Improves Neuroplasticity in Perceptual Learning. <i>Journal of Neuroscience</i> , 2011, 31, 15416-15423.   | 3.6 | 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.  | 1.5 | 289       |
| 16 | Transcranial magnetic stimulation and cortical evoked potentials: A TMS/EEG co-registration study. <i>Clinical Neurophysiology</i> , 2006, 117, 1699-1707.  | 1.5 | 272       |
| 17 | Transient Storage of a Tactile Memory Trace in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 8720-8725.  | 3.6 | 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.  | 1.5 | 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.  | 14.8 | 259       |
| 20 | Naming facilitation induced by transcranial direct current stimulation. <i>Behavioural Brain Research</i> , 2010, 208, 311-318.   | 2.2  | 256       |
| 21 | Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004, 22, 57-67.   | 4.2  | 253       |
| 22 | Sources of cortical rhythms in adults during physiological aging: A multicentric EEG study. <i>Human Brain Mapping</i> , 2006, 27, 162-172.   | 3.6  | 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.   | 2.3  | 242       |
| 24 | Improved language performance in Alzheimer disease following brain stimulation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 794-797.                               | 1.9  | 232       |
| 25 | The dynamics of shifting visuospatial attention revealed by event-related potentials. <i>Neuropsychologia</i> , 2000, 38, 964-974.  | 1.6  | 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.       | 3.3  | 221       |
| 27 | Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. <i>Brain Stimulation</i> , 2008, 1, 326-336.             | 1.6  | 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. | 1.5  | 211       |
| 29 | Human brain connectivity during single and paired pulse transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 54, 90-102.  | 4.2  | 204       |
| 30 | Effect of Transcranial Magnetic Stimulation on Action Naming in Patients With Alzheimer Disease. <i>Archives of Neurology</i> , 2006, 63, 1602.   | 4.5  | 189       |
| 31 | The role of the left frontal lobe in action naming. <i>Neurology</i> , 2002, 59, 720-723.   | 1.1  | 182       |
| 32 | Combining TMS and EEG Offers New Prospects in Cognitive Neuroscience. <i>Brain Topography</i> , 2010, 22, 249-256.  | 1.8  | 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.        | 3.6  | 171       |
| 34 | The contribution of TMS-EEG coregistration in the exploration of the human cortical connectome. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 114-124.                          | 6.1  | 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.                    | 1.6  | 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.   | 3.0  | 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.   | 4.2 | 157       |
| 38 | Parietal Lobe Contribution to Mental Rotation Demonstrated with rTMS. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 315-323.   | 2.3 | 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.                  | 1.5 | 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.  | 1.6 | 150       |
| 41 | Directionality of EEG synchronization in Alzheimer's disease subjects. <i>Neurobiology of Aging</i> , 2009, 30, 93-102.   | 3.1 | 132       |
| 42 | The mechanism of transcranial magnetic stimulation in cognition. <i>Cortex</i> , 2010, 46, 128-130.   | 2.4 | 131       |
| 43 | The Role of Prefrontal Cortex in Verbal Episodic Memory: rTMS Evidence. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 855-861.   | 2.3 | 130       |
| 44 | TMS-EEG co-registration: On TMS-induced artifact. <i>Clinical Neurophysiology</i> , 2009, 120, 1392-1399.   | 1.5 | 130       |
| 45 | A real electro-magnetic placebo (REMP) device for sham transcranial magnetic stimulation (TMS). <i>Clinical Neurophysiology</i> , 2007, 118, 709-716.   | 1.5 | 128       |
| 46 | The Interaction With Task-induced Activity is More Important Than Polarization: A tDCS Study. <i>Brain Stimulation</i> , 2015, 8, 269-276.  | 1.6 | 128       |
| 47 | Anodal tDCS during face-name associations memory training in Alzheimer's patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 38.  | 3.4 | 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. | 2.4 | 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.  | 1.5 | 124       |
| 50 | Neural Site of the Redundant Target Effect: Electrophysiological Evidence. <i>Journal of Cognitive Neuroscience</i> , 1998, 10, 216-230.  | 2.3 | 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.  | 2.6 | 117       |
| 52 | Sub-second "etemporal attention" modulates alpha rhythms. A high-resolution EEG study. <i>Cognitive Brain Research</i> , 2004, 19, 259-268.   | 3.0 | 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.   | 3.6 | 106       |

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|----|---|-----|-----------|
| 55 | Reproducibility in TMS-EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , 2019, 12, 787-790.  | 1.6 | 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.                      | 2.6 | 98        |
| 57 | Vegetative versus Minimally Conscious States: A Study Using TMS-EEG, Sensory and Event-Related Potentials. <i>PLoS ONE</i> , 2013, 8, e57069.   | 2.5 | 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.   | 4.2 | 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.   | 2.3 | 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.  | 1.6 | 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.                                      | 1.2 | 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.   | 5.3 | 92        |
| 63 | Is Transcranial Alternating Current Stimulation Effective in Modulating Brain Oscillations?. <i>PLoS ONE</i> , 2013, 8, e56589.   | 2.5 | 92        |
| 64 | Attentional orienting induced by arrows and eye-gaze compared with an endogenous cue. <i>Neuropsychologia</i> , 2009, 47, 370-381.  | 1.6 | 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.                                       | 7.6 | 84        |
| 66 | The Neural Mechanisms of the Effects of Transcranial Magnetic Stimulation on Perception. <i>Journal of Neurophysiology</i> , 2010, 103, 2982-2989.  | 1.8 | 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.   | 2.1 | 79        |
| 68 | The right inferior frontal cortex in response inhibition: A tDCS-ERP co-registration study. <i>NeuroImage</i> , 2016, 140, 66-75.   | 4.2 | 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.               | 1.5 | 78        |
| 70 | Functional frontoparietal connectivity during encoding and retrieval processes follows HERA model. <i>Brain Research Bulletin</i> , 2006, 68, 203-212.  | 3.0 | 78        |
| 71 | Hippocampal atrophy and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 2716-2729.   | 1.5 | 78        |
| 72 | Alpha-generation as basic response-signature to transcranial magnetic stimulation (TMS) targeting the human resting motor cortex: A TMS/EEG co-registration study. <i>Psychophysiology</i> , 2011, 48, 1381-1389. | 2.4 | 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.                         | 3.6  | 77        |
| 74 | The timing of cognitive plasticity in physiological aging: a tDCS study of naming. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 131.  | 3.4  | 76        |
| 75 | Transcranial magnetic stimulation in cognitive rehabilitation. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 579-601.   | 1.6  | 75        |
| 76 | The differential involvement of inferior parietal lobule in number comparison: a rTMS study. <i>Neuropsychologia</i> , 2004, 42, 1902-1909.  | 1.6  | 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.              | 1.6  | 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.       | 10.9 | 72        |
| 79 | Electrophysiological Correlates of Conscious Vision: Evidence from Unilateral Extinction. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 869-877.  | 2.3  | 71        |
| 80 | Transcranial magnetic stimulation selectively impairs interhemispheric transfer of visuo-motor information in humans. <i>Experimental Brain Research</i> , 1998, 118, 435-438.                         | 1.5  | 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. | 1.6  | 69        |
| 82 | Is neural hyperpolarization by cathodal stimulation always detrimental at the behavioral level?. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 226.   | 2.0  | 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.  | 4.2  | 66        |
| 84 | Vascular damage and EEG markers in subjects with mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2007, 118, 1866-1876.  | 1.5  | 66        |
| 85 | Successful physiological aging and episodic memory: A brain stimulation study. <i>Behavioural Brain Research</i> , 2011, 216, 153-158.   | 2.2  | 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.                          | 1.5  | 64        |
| 87 | Anomia training and brain stimulation in chronic aphasia. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 717-741.  | 1.6  | 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.   | 3.6  | 62        |
| 89 | Double dissociation of working memory load effects induced by bilateral parietal modulation. <i>Neuropsychologia</i> , 2012, 50, 396-402.  | 1.6  | 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.                                      | 2.5  | 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.   | 1.2 | 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.                      | 1.5 | 60        |
| 93  | Modulation of brain activity by selective task sets observed using event-related potentials. <i>Neuropsychologia</i> , 2005, 43, 1514-1528.  | 1.6 | 60        |
| 94  | Neuroenhancement through cognitive training and anodal tDCS in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 222-230.  | 3.0 | 60        |
| 95  | Reduced Current Spread by Concentric Electrodes in Transcranial Electrical Stimulation (tES). <i>Brain Stimulation</i> , 2016, 9, 525-528.   | 1.6 | 60        |
| 96  | Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. <i>Neuroscience</i> , 2009, 163, 266-276.  | 2.3 | 58        |
| 97  | Empathy and emotion recognition in semantic dementia: A case report. <i>Brain and Cognition</i> , 2009, 70, 247-252.   | 1.8 | 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.  | 1.8 | 56        |
| 99  | Predicting Alzheimer's disease severity by means of TMS-EEG coregistration. <i>Neurobiology of Aging</i> , 2019, 80, 38-45.  | 3.1 | 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. | 2.3 | 54        |
| 101 | Acute effects of aerobic exercise promote learning. <i>Scientific Reports</i> , 2016, 6, 25440.  | 3.3 | 54        |
| 102 | Non-Pharmacological Intervention for Memory Decline. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 46.   | 2.0 | 53        |
| 103 | Sharing Social Touch in the Primary Somatosensory Cortex. <i>Current Biology</i> , 2014, 24, 1513-1517.  | 3.9 | 53        |
| 104 | Human cortical rhythms during visual delayed choice reaction time tasks. <i>Behavioural Brain Research</i> , 2004, 153, 261-271.   | 2.2 | 52        |
| 105 | Clinical neurophysiology of prolonged disorders of consciousness: From diagnostic stimulation to therapeutic neuromodulation. <i>Clinical Neurophysiology</i> , 2017, 128, 1629-1646.                    | 1.5 | 52        |
| 106 | Non-invasive brain stimulation and neuroenhancement. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 146-165.  | 1.4 | 51        |
| 107 | Enhancing cognitive training effects in Alzheimer's disease: rTMS as an add-on treatment. <i>Brain Stimulation</i> , 2020, 13, 1655-1664.  | 1.6 | 50        |
| 108 | White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. <i>Neuropsychologia</i> , 2008, 46, 1707-1720.  | 1.6 | 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.  | 3.1 | 49        |
| 110 | Combining Transcranial Electrical Stimulation With Electroencephalography. <i>Clinical EEG and Neuroscience</i> , 2012, 43, 184-191.   | 1.7 | 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.                              | 3.0 | 48        |
| 112 | Brain stimulation and behavioural cognitive rehabilitation: A new tool for neurorehabilitation?. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 553-559.                               | 1.6 | 47        |
| 113 | Prefrontal cortex rTMS enhances action naming in progressive non-fluent aphasia. <i>European Journal of Neurology</i> , 2012, 19, 1404-1412.   | 3.3 | 47        |
| 114 | The lexical processing of abstract and concrete nouns. <i>Brain Research</i> , 2009, 1263, 78-86.  | 2.2 | 46        |
| 115 | Characterizing the Cortical Oscillatory Response to TMS Pulse. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 38.   | 3.7 | 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.                | 2.3 | 42        |
| 117 | Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. <i>NeuroImage</i> , 2016, 140, 57-65.                                       | 4.2 | 41        |
| 118 | What exactly is extinguished in unilateral visual extinction? Neurophysiological evidence. <i>Neuropsychologia</i> , 2001, 39, 1354-1366.  | 1.6 | 40        |
| 119 | The contribution of TMS to frontotemporal dementia variants. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 275-280.  | 2.1 | 40        |
| 120 | Motor cortex changes in spinal cord injury: a TMS study. <i>Neurological Research</i> , 2008, 30, 1084-1085.   | 1.3 | 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.   | 1.8 | 38        |
| 122 | Potentiation of Short-Latency Cortical Responses by High-Frequency Repetitive Transcranial Magnetic Stimulation. <i>Journal of Neurophysiology</i> , 2010, 104, 1578-1588.                   | 1.8 | 38        |
| 123 | Induction of mirror-touch synaesthesia by increasing somatosensory cortical excitability. <i>Current Biology</i> , 2013, 23, R436-R437.  | 3.9 | 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. | 2.0 | 38        |
| 125 | Brain stimulation improves associative memory in an individual with amnesic mild cognitive impairment. <i>Neurocase</i> , 2012, 18, 217-223.   | 0.6 | 37        |
| 126 | The time course of idiom processing. <i>Neuropsychologia</i> , 2007, 45, 3215-3222.  | 1.6 | 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.  | 1.5 | 36        |
| 128 | Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 420.  | 3.4 | 36        |
| 129 | Pathways of interhemispheric transfer in normals and in a split-brain subject. <i>Experimental Brain Research</i> , 1999, 126, 451-458.  | 1.5 | 35        |
| 130 | The role of the prefrontal cortex in sentence comprehension: An rTMS study. <i>Cortex</i> , 2008, 44, 337-344.   | 2.4 | 33        |
| 131 | The impact of artifact removal approaches on TMS's EEG signal. <i>NeuroImage</i> , 2021, 239, 118272.  | 4.2 | 33        |
| 132 | Watching where you look: modulation of visual processing of foveal stimuli by spatial attention. <i>Neuropsychologia</i> , 2002, 40, 2448-2460.  | 1.6 | 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.   | 2.9 | 32        |
| 134 | Visual perception of bodily interactions in the primary somatosensory cortex. <i>European Journal of Neuroscience</i> , 2012, 36, 2317-2323.   | 2.6 | 31        |
| 135 | Ibuprofen treatment modifies cortical sources of EEG rhythms in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2009, 120, 709-718.  | 1.5 | 30        |
| 136 | Time perception in spatial neglect: A distorted representation?. <i>Neuropsychology</i> , 2011, 25, 193-200.   | 1.3 | 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. | 2.4 | 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.   | 0.6 | 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.                          | 1.5 | 29        |
| 140 | Action and Object Naming in Physiological Aging: An rTMS Study. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 151.   | 3.4 | 28        |
| 141 | TMS modulation of visual and auditory processing in the posterior parietal cortex. <i>Experimental Brain Research</i> , 2009, 195, 509-517.  | 1.5 | 27        |
| 142 | The neural basis of the Enigma illusion: A transcranial magnetic stimulation study. <i>Neuropsychologia</i> , 2011, 49, 3648-3655.   | 1.6 | 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.   | 3.3 | 25        |
| 144 | Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. <i>NeuroImage</i> , 2016, 140, 50-56.  | 4.2 | 25        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
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