

Alberto Priori

List of Publications by Year in descending order

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Version: 2024-02-01

355
papers

27,004
citations

8181

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7348

152
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372
all docs

372
docs citations

372
times ranked

16759
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Transcranial direct current stimulation: State of the art 2008. <i>Brain Stimulation</i> , 2008, 1, 206-223. | 1.6 | 2,538 |
| 2 | Interhemispheric inhibition of the human motor cortex.. <i>Journal of Physiology</i> , 1992, 453, 525-546. | 2.9 | 1,275 |
| 3 | Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , 2017, 128, 56-92. | 1.5 | 1,213 |
| 4 | Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions. <i>Brain Stimulation</i> , 2012, 5, 175-195. | 1.6 | 1,122 |
| 5 | A technical guide to tDCS, and related non-invasive brain stimulation tools. <i>Clinical Neurophysiology</i> , 2016, 127, 1031-1048. | 1.5 | 998 |
| 6 | Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , 2017, 128, 1774-1809. | 1.5 | 783 |
| 7 | Safety criteria for transcranial direct current stimulation (tDCS) in humans. <i>Clinical Neurophysiology</i> , 2003, 114, 2220-2222. | 1.5 | 639 |
| 8 | Polarization of the human motor cortex through the scalp. <i>NeuroReport</i> , 1998, 9, 2257-2260. | 1.2 | 464 |
| 9 | Rhythm-specific pharmacological modulation of subthalamic activity in Parkinson's disease. <i>Experimental Neurology</i> , 2004, 189, 369-379. | 4.1 | 450 |
| 10 | Brain polarization in humans: a reappraisal of an old tool for prolonged non-invasive modulation of brain excitability. <i>Clinical Neurophysiology</i> , 2003, 114, 589-595. | 1.5 | 414 |
| 11 | Consensus Paper: Cerebellum and Emotion. <i>Cerebellum</i> , 2017, 16, 552-576. | 2.5 | 393 |
| 12 | Transcranial direct current stimulation improves recognition memory in Alzheimer disease. <i>Neurology</i> , 2008, 71, 493-498. | 1.1 | 378 |
| 13 | Non-synaptic mechanisms underlie the after-effects of cathodal transcutaneous direct current stimulation of the human brain. <i>Journal of Physiology</i> , 2005, 568, 653-663. | 2.9 | 361 |
| 14 | Improved naming after transcranial direct current stimulation in aphasia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 451-453. | 1.9 | 330 |
| 15 | Motor cortical inhibition and the dopaminergic system. <i>Brain</i> , 1994, 117, 317-323. | 7.6 | 318 |
| 16 | The effect of magnetic coil orientation on the latency of surface EMG and single motor unit responses in the first dorsal interosseous muscle. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994, 93, 138-146. | 2.0 | 298 |
| 17 | Adaptive deep brain stimulation (aDBS) controlled by local field potential oscillations. <i>Experimental Neurology</i> , 2013, 245, 77-86. | 4.1 | 289 |
| 18 | Improved isometric force endurance after transcranial direct current stimulation over the human motor cortical areas. <i>European Journal of Neuroscience</i> , 2007, 26, 242-249. | 2.6 | 273 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Prolonged visual memory enhancement after direct current stimulation in Alzheimer's disease. <i>Brain Stimulation</i> , 2012, 5, 223-230. | 1.6 | 245 |
| 20 | Non-invasive Cerebellar Stimulation – a Consensus Paper. <i>Cerebellum</i> , 2014, 13, 121-138. | 2.5 | 243 |
| 21 | Repetitive transcranial magnetic stimulation or transcranial direct current stimulation?. <i>Brain Stimulation</i> , 2009, 2, 241-245. | 1.6 | 228 |
| 22 | 300-Hz subthalamic oscillations in Parkinson's disease. <i>Brain</i> , 2003, 126, 2153-2163. | 7.6 | 226 |
| 23 | Cerebellar Transcranial Direct Current Stimulation Impairs the Practice-dependent Proficiency Increase in Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1687-1697. | 2.3 | 225 |
| 24 | Functional and clinical neuroanatomy of morality. <i>Brain</i> , 2012, 135, 2006-2021. | 7.6 | 220 |
| 25 | Abnormal central integration of a dual somatosensory input in dystonia. <i>Brain</i> , 2000, 123, 42-50. | 7.6 | 218 |
| 26 | Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. <i>Brain Stimulation</i> , 2008, 1, 326-336. | 1.6 | 218 |
| 27 | Autologous Transplantation of Muscle-Derived CD133+ Stem Cells in Duchenne Muscle Patients. <i>Cell Transplantation</i> , 2007, 16, 563-577. | 2.5 | 214 |
| 28 | Physiological effects produced by botulinum toxin: Changes in reciprocal inhibition between forearm muscles. <i>Brain</i> , 1995, 118, 801-807. | 7.6 | 203 |
| 29 | Adaptive deep brain stimulation in a freely moving parkinsonian patient. <i>Movement Disorders</i> , 2015, 30, 1003-1005. | 3.9 | 198 |
| 30 | Transcranial direct current stimulation in severe, drug-resistant major depression. <i>Journal of Affective Disorders</i> , 2009, 118, 215-219. | 4.1 | 190 |
| 31 | Eight-hours adaptive deep brain stimulation in patients with Parkinson disease. <i>Neurology</i> , 2018, 90, e971-e976. | 1.1 | 181 |
| 32 | Multifocal motor neuropathy: Current concepts and controversies. <i>Muscle and Nerve</i> , 2005, 31, 663-680. | 2.2 | 179 |
| 33 | Cerebellar Transcranial Direct Current Stimulation (ctDCS). <i>Neuroscientist</i> , 2016, 22, 83-97. | 3.5 | 177 |
| 34 | The effects of levodopa and ongoing deep brain stimulation on subthalamic beta oscillations in Parkinson's disease. <i>Experimental Neurology</i> , 2010, 226, 120-127. | 4.1 | 170 |
| 35 | Transcranial direct current stimulation (tDCS) and language. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 832-842. | 1.9 | 168 |
| 36 | Transcranial direct current stimulation (tDCS) in unipolar vs. bipolar depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 96-101. | 4.8 | 166 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Movement-related frequency modulation of beta oscillatory activity in the human subthalamic nucleus. <i>Journal of Physiology</i> , 2005, 568, 699-711. | 2.9 | 163 |
| 38 | Physiological responses of European sea bass <i>Dicentrarchus labrax</i> to different stocking densities and acute stress challenge. <i>Aquaculture</i> , 2008, 275, 319-328. | 3.5 | 158 |
| 39 | Cerebellum and processing of negative facial emotions: Cerebellar transcranial DC stimulation specifically enhances the emotional recognition of facial anger and sadness. <i>Cognition and Emotion</i> , 2012, 26, 786-799. | 2.0 | 157 |
| 40 | Lie-Specific Involvement of Dorsolateral Prefrontal Cortex in Deception. <i>Cerebral Cortex</i> , 2008, 18, 451-455. | 2.9 | 149 |
| 41 | Transcranial cerebellar direct current stimulation (tcDCS): Motor control, cognition, learning and emotions. <i>NeuroImage</i> , 2014, 85, 918-923. | 4.2 | 146 |
| 42 | Dopamine-dependent non-linear correlation between subthalamic rhythms in Parkinson's disease. <i>Journal of Physiology</i> , 2006, 571, 579-591. | 2.9 | 145 |
| 43 | Modulating Human Procedural Learning by Cerebellar Transcranial Direct Current Stimulation. <i>Cerebellum</i> , 2013, 12, 485-492. | 2.5 | 142 |
| 44 | Effect of spinal transcutaneous direct current stimulation on somatosensory evoked potentials in humans. <i>Clinical Neurophysiology</i> , 2008, 119, 2636-2640. | 1.5 | 139 |
| 45 | Movement-related modulation of neural activity in human basal ganglia and its L-DOPA dependency: recordings from deep brain stimulation electrodes in patients with Parkinson's disease. <i>Neurological Sciences</i> , 2002, 23, s101-s102. | 1.9 | 135 |
| 46 | Limb immobilization for the treatment of focal occupational dystonia. <i>Neurology</i> , 2001, 57, 405-409. | 1.1 | 134 |
| 47 | Modelling the electric field and the current density generated by cerebellar transcranial DC stimulation in humans. <i>Clinical Neurophysiology</i> , 2014, 125, 577-584. | 1.5 | 133 |
| 48 | Interactions between transcranial direct current stimulation (tDCS) and pharmacological interventions in the Major Depressive Episode: Findings from a naturalistic study. <i>European Psychiatry</i> , 2013, 28, 356-361. | 0.2 | 130 |
| 49 | Gender-related differences in moral judgments. <i>Cognitive Processing</i> , 2010, 11, 219-226. | 1.4 | 129 |
| 50 | Transcranial direct current stimulation (tDCS) for fatigue in multiple sclerosis. <i>NeuroRehabilitation</i> , 2014, 34, 121-127. | 1.3 | 126 |
| 51 | Cerebellar tDCS: How to Do It. <i>Cerebellum</i> , 2015, 14, 27-30. | 2.5 | 114 |
| 52 | Transcranial direct current stimulation for the treatment of major depressive disorder: A summary of preclinical, clinical and translational findings. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 9-16. | 4.8 | 112 |
| 53 | An electronic device for artefact suppression in human local field potential recordings during deep brain stimulation. <i>Journal of Neural Engineering</i> , 2007, 4, 96-106. | 3.5 | 111 |
| 54 | Transcranial cerebellar direct current stimulation and transcutaneous spinal cord direct current stimulation as innovative tools for neuroscientists. <i>Journal of Physiology</i> , 2014, 592, 3345-3369. | 2.9 | 110 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Long-Lasting Cognitive Abnormalities after COVID-19. <i>Brain Sciences</i> , 2021, 11, 235. | 2.3 | 107 |
| 56 | Transcutaneous spinal cord direct current stimulation inhibits the lower limb nociceptive flexion reflex in human beings. <i>Pain</i> , 2011, 152, 370-375. | 4.2 | 106 |
| 57 | Myoinositol content in the human brain is modified by transcranial direct current stimulation in a matter of minutes: A ¹ H-MRS study. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 782-789. | 3.0 | 103 |
| 58 | Inhibitory action of forearm flexor muscle afferents on corticospinal outputs to antagonist muscles in humans. <i>Journal of Physiology</i> , 1998, 511, 947-956. | 2.9 | 102 |
| 59 | Cerebellar and Motor Cortical Transcranial Stimulation Decrease Levodopa-Induced Dyskinesias in Parkinson's Disease. <i>Cerebellum</i> , 2016, 15, 43-47. | 2.5 | 99 |
| 60 | First ultrastructural autaptic findings of SARS -Cov-2 in olfactory pathways and brainstem. <i>Minerva Anestesiologica</i> , 2020, 86, 678-679. | 1.0 | 99 |
| 61 | Somatosensory disinhibition in dystonia. <i>Movement Disorders</i> , 2001, 16, 674-682. | 3.9 | 97 |
| 62 | Subthalamic oscillatory activities at beta or higher frequency do not change after high-frequency DBS in Parkinson's disease. <i>Brain Research Bulletin</i> , 2006, 69, 123-130. | 3.0 | 97 |
| 63 | Adaptive deep brain stimulation controls levodopa-induced side effects in Parkinsonian patients. <i>Movement Disorders</i> , 2017, 32, 628-629. | 3.9 | 96 |
| 64 | Human handedness and asymmetry of the motor cortical silent period. <i>Experimental Brain Research</i> , 1999, 128, 390-396. | 1.5 | 94 |
| 65 | Pre-slaughter crowding stress and killing procedures affecting quality and welfare in sea bass (<i>Dicentrarchus labrax</i>) and sea bream (<i>Sparus aurata</i>). <i>Aquaculture</i> , 2007, 263, 52-60. | 3.5 | 94 |
| 66 | Cortical projection to erector spinae muscles in man as assessed by focal transcranial magnetic stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992, 85, 382-387. | 2.0 | 91 |
| 67 | The international European Academy of Neurology survey on neurological symptoms in patients with COVID-19 infection. <i>European Journal of Neurology</i> , 2020, 27, 1727-1737. | 3.3 | 90 |
| 68 | Modulation of beta oscillations in the subthalamic area during action observation in Parkinson's disease. <i>Neuroscience</i> , 2009, 161, 1027-1036. | 2.3 | 87 |
| 69 | Subthalamic Local Field Beta Oscillations during Ongoing Deep Brain Stimulation in Parkinson's Disease in Hyperacute and Chronic Phases. <i>NeuroSignals</i> , 2011, 19, 151-162. | 0.9 | 87 |
| 70 | Chronic epidural motor cortical stimulation for movement disorders. <i>Lancet Neurology</i> , The, 2007, 6, 279-286. | 10.2 | 84 |
| 71 | Subthalamic local field potential oscillations during ongoing deep brain stimulation in Parkinson's disease. <i>Brain Research Bulletin</i> , 2008, 76, 512-521. | 3.0 | 84 |
| 72 | Brain Switches Utilitarian Behavior: Does Gender Make the Difference?. <i>PLoS ONE</i> , 2010, 5, e8865. | 2.5 | 84 |

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|----|---|-----|-----------|
| 73 | Transcutaneous spinal direct current stimulation inhibits nociceptive spinal pathway conduction and increases pain tolerance in humans. <i>European Journal of Pain</i> , 2011, 15, 1023-1027. | 2.8 | 82 |
| 74 | Subthalamic local field potentials after seven-year deep brain stimulation in Parkinson's disease. <i>Experimental Neurology</i> , 2012, 237, 312-317. | 4.1 | 82 |
| 75 | Corticospinal potentials after transcranial stimulation in humans.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1989, 52, 970-974. | 1.9 | 81 |
| 76 | Transcranial electric and magnetic stimulation of the leg area of the human motor cortex: single motor unit and surface EMG responses in the tibialis anterior muscle. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993, 89, 131-137. | 2.0 | 80 |
| 77 | Thalamic single-unit and local field potential activity in Tourette syndrome. <i>Movement Disorders</i> , 2010, 25, 300-308. | 3.9 | 79 |
| 78 | The adaptive deep brain stimulation challenge. <i>Parkinsonism and Related Disorders</i> , 2016, 28, 12-17. | 2.2 | 78 |
| 79 | Movement-Related Electroencephalographic Reactivity in Alzheimer Disease. <i>NeuroImage</i> , 2000, 12, 139-146. | 4.2 | 77 |
| 80 | Time dependent subthalamic local field potential changes after DBS surgery in Parkinson's disease. <i>Experimental Neurology</i> , 2010, 222, 184-190. | 4.1 | 77 |
| 81 | Modeling the current density generated by transcutaneous spinal direct current stimulation (tsDCS). <i>Clinical Neurophysiology</i> , 2014, 125, 2260-2270. | 1.5 | 77 |
| 82 | Multifocal motor neuropathy: clinical and immunological features and response to IVIg in relation to the presence and degree of motor conduction block. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 761-766. | 1.9 | 76 |
| 83 | Transcutaneous Spinal Direct Current Stimulation. <i>Frontiers in Psychiatry</i> , 2012, 3, 63. | 2.6 | 76 |
| 84 | Altered subthalamo-pallidal synchronisation in parkinsonian dyskinesias. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 426-428. | 1.9 | 75 |
| 85 | Cathodal transcutaneous spinal direct current stimulation (tsDCS) improves motor unit recruitment in healthy subjects. <i>Neuroscience Letters</i> , 2014, 578, 75-79. | 2.1 | 75 |
| 86 | Gender differences in patients with Parkinson's disease treated with subthalamic deep brain stimulation. <i>Movement Disorders</i> , 2007, 22, 1150-1156. | 3.9 | 74 |
| 87 | Conceptual and Procedural Shortcomings of the Systematic Review "Evidence That Transcranial Direct Current Stimulation (tDCS) Generates Little-to-no Reliable Neurophysiologic Effect Beyond MEP Amplitude Modulation in Healthy Human Subjects: A Systematic Review" by Horvath and Co-workers. <i>Brain Stimulation</i> , 2015, 8, 846-849. | 1.6 | 74 |
| 88 | Electromyographic silent period after transcranial brain stimulation in huntington's disease. <i>Movement Disorders</i> , 2004, 9, 178-182. | 3.9 | 73 |
| 89 | Platelet activating factor is elevated in cerebral spinal fluid and plasma of patients with relapsing-remitting multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1999, 94, 212-221. | 2.3 | 71 |
| 90 | Transcranial direct current stimulation for the outpatient treatment of poor-responder depressed patients. <i>European Psychiatry</i> , 2012, 27, 513-517. | 0.2 | 70 |

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|-----|--|-----|-----------|
| 91 | Transcutaneous spinal direct current stimulation modulates human corticospinal system excitability. <i>Journal of Neurophysiology</i> , 2015, 114, 440-446. | 1.8 | 69 |
| 92 | Basal ganglia local field potentials: applications in the development of new deep brain stimulation devices for movement disorders. <i>Expert Review of Medical Devices</i> , 2007, 4, 605-614. | 2.8 | 68 |
| 93 | Some saccadic eye movements can be delayed by transcranial magnetic stimulation of the cerebral cortex in man. <i>Brain</i> , 1993, 116, 355-367. | 7.6 | 67 |
| 94 | Spinal direct current stimulation modulates the activity of gracile nucleus and primary somatosensory cortex in anaesthetized rats. <i>Journal of Physiology</i> , 2011, 589, 4981-4996. | 2.9 | 67 |
| 95 | Transcranial Direct Current Stimulation Modulates Cortical Neuronal Activity in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 134. | 2.8 | 66 |
| 96 | Cerebellar transcranial direct current stimulation in neurological disease. <i>Cerebellum and Ataxias</i> , 2016, 3, 16. | 1.9 | 66 |
| 97 | Deep brain electrophysiological recordings provide clues to the pathophysiology of Tourette syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1063-1068. | 6.1 | 65 |
| 98 | Diagnostic biomarkers for Parkinson's disease at a glance: where are we?. <i>Journal of Neural Transmission</i> , 2018, 125, 1417-1432. | 2.8 | 65 |
| 99 | Motor potentials evoked by paired cortical stimuli. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1990, 77, 382-389. | 2.0 | 64 |
| 100 | Conflict-dependent dynamic of subthalamic nucleus oscillations during moral decisions. <i>Social Neuroscience</i> , 2011, 6, 243-256. | 1.3 | 64 |
| 101 | Dorsolateral prefrontal cortex specifically processes general "but not personal" knowledge deception: Multiple brain networks for lying. <i>Behavioural Brain Research</i> , 2010, 211, 164-168. | 2.2 | 62 |
| 102 | <i>DNAJC12</i> and dopa-responsive nonprogressive parkinsonism. <i>Annals of Neurology</i> , 2017, 82, 640-646. | 5.3 | 60 |
| 103 | Nerve stimulation boosts botulinum toxin action in spasticity. <i>Movement Disorders</i> , 2005, 20, 624-629. | 3.9 | 59 |
| 104 | An external portable device for adaptive deep brain stimulation (aDBS) clinical research in advanced Parkinson's Disease. <i>Medical Engineering and Physics</i> , 2016, 38, 498-505. | 1.7 | 58 |
| 105 | Cognitive, Mood, and Electroencephalographic Effects of Noninvasive Cortical Stimulation With Weak Electrical Currents. <i>Journal of ECT</i> , 2011, 27, 134-140. | 0.6 | 57 |
| 106 | Transcranial Cerebellar Direct Current Stimulation Enhances Verb Generation but Not Verb Naming in Poststroke Aphasia. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 188-199. | 2.3 | 54 |
| 107 | One-year cognitive follow-up of COVID-19 hospitalized patients. <i>European Journal of Neurology</i> , 2022, 29, 2006-2014. | 3.3 | 54 |
| 108 | Clinical predictors of acute response to transcranial direct current stimulation (tDCS) in major depression. <i>Journal of Affective Disorders</i> , 2017, 219, 25-30. | 4.1 | 53 |

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|-----|--|-----|-----------|
| 109 | Brainstem neuropathology in two cases of COVID-19: SARS-CoV-2 trafficking between brain and lung. <i>Journal of Neurology</i> , 2021, 268, 4486-4491. | 3.6 | 53 |
| 110 | The prolonged cortical silent period in patients with Huntington's disease. <i>Clinical Neurophysiology</i> , 2001, 112, 1470-1474. | 1.5 | 52 |
| 111 | Evidence for metaplasticity in the human visual cortex. <i>Journal of Neural Transmission</i> , 2014, 121, 221-231. | 2.8 | 52 |
| 112 | Do intraoperative microrecordings improve subthalamic nucleus targeting in stereotactic neurosurgery for Parkinson's disease?. <i>Journal of Neurosurgical Sciences</i> , 2003, 47, 56-60. | 0.6 | 52 |
| 113 | Pathological gambling in Parkinson's disease: Subthalamic oscillations during economics decisions. <i>Movement Disorders</i> , 2013, 28, 1644-1652. | 3.9 | 51 |
| 114 | Anatomo-clinical correlation of intraoperative stimulation-induced side-effects during HF-DBS of the subthalamic nucleus. <i>Neurological Sciences</i> , 2002, 23, s109-s110. | 1.9 | 50 |
| 115 | Low-frequency subthalamic oscillations increase after deep brain stimulation in Parkinson's disease. <i>Brain Research Bulletin</i> , 2006, 71, 149-154. | 3.0 | 50 |
| 116 | Transcranial direct current stimulation for hyperactivity and noncompliance in autistic disorder. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 361-366. | 2.6 | 50 |
| 117 | Early Psychiatric Impact of COVID-19 Pandemic on the General Population and Healthcare Workers in Italy: A Preliminary Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 561345. | 2.6 | 50 |
| 118 | Corticobulbar and corticospinal projections to neck muscle motoneurons in man. <i>Experimental Brain Research</i> , 1991, 87, 402-6. | 1.5 | 49 |
| 119 | Botulinum toxin restores presynaptic inhibition of group Ia afferents in patients with essential tremor. <i>Muscle and Nerve</i> , 1998, 21, 1701-1705. | 2.2 | 49 |
| 120 | Brain Plasticity Effects of Neuromodulation Against Multiple Sclerosis Fatigue. <i>Frontiers in Neurology</i> , 2015, 6, 141. | 2.4 | 49 |
| 121 | Transcranial Direct Current Stimulation and Cognitive-Behavioral Therapy: Evidence of a Synergistic Effect in Treatment-Resistant Depression. <i>Brain Stimulation</i> , 2013, 6, 465-467. | 1.6 | 47 |
| 122 | Cerebellar direct current stimulation modulates pain perception in humans. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 597-609. | 0.7 | 47 |
| 123 | A Systematic Review and Provisional Metanalysis on Psychopathologic Burden on Health Care Workers of Coronavirus Outbreaks. <i>Frontiers in Psychiatry</i> , 2020, 11, 568664. | 2.6 | 47 |
| 124 | Electrical stimulation over muscle tendons in humans. Evidence favouring presynaptic inhibition of Ia fibres due to the activation of group III tendon afferents. <i>Brain</i> , 1998, 121, 373-380. | 7.6 | 46 |
| 125 | Bartholow, Sciamanna, Alberti: Pioneers in the Electrical Stimulation of the Exposed Human Cerebral Cortex. <i>Neuroscientist</i> , 2008, 14, 521-528. | 3.5 | 45 |
| 126 | Botulinum toxin treatment of muscle cramps: A clinical and neurophysiological study. <i>Annals of Neurology</i> , 1997, 41, 181-186. | 5.3 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Psychological Impact During the First Outbreak of COVID-19 in Italy. <i>Frontiers in Psychiatry</i> , 2020, 11, 559266. | 2.6 | 44 |
| 128 | What neurophysiological recordings tell us about cognitive and behavioral functions of the human subthalamic nucleus. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 139-149. | 2.8 | 43 |
| 129 | Transcranial Direct Current Stimulation (tDCS) for sleep disturbances and fatigue in patients with post-polio syndrome. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 661-668. | 0.7 | 43 |
| 130 | Central nervous system abnormalities in vaginismus. <i>Clinical Neurophysiology</i> , 2009, 120, 117-122. | 1.5 | 42 |
| 131 | Spinal and cortical inhibition in huntington's chorea. <i>Movement Disorders</i> , 2000, 15, 938-946. | 3.9 | 41 |
| 132 | Î ³ -Hydroxybutyric acid for alcohol-sensitive myoclonus with dystonia. <i>Neurology</i> , 2000, 54, 1706-1706. | 1.1 | 41 |
| 133 | Distinctive abnormalities of motor axonal strength-duration properties in multifocal motor neuropathy and in motor neurone disease. <i>Brain</i> , 2002, 125, 2481-2490. | 7.6 | 41 |
| 134 | Pathophysiological heterogeneity of conduction blocks in multifocal motor neuropathy. <i>Brain</i> , 2005, 128, 1642-1648. | 7.6 | 41 |
| 135 | Cerebellar and Spinal Direct Current Stimulation in Children: Computational Modeling of the Induced Electric Field. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 522. | 2.0 | 41 |
| 136 | Coping strategy and stress response of European sea bass <i>Dicentrarchus labrax</i> to acute and chronic environmental hypercapnia under hyperoxic conditions. <i>Aquaculture</i> , 2011, 315, 312-320. | 3.5 | 40 |
| 137 | Visualisation of the subthalamic nucleus: a multiple sequential image fusion (MuSIF) technique for direct stereotaxic localisation and postoperative control. <i>Neurological Sciences</i> , 2002, 23, s71-s72. | 1.9 | 39 |
| 138 | Interaction Between Rhythms in the Human Basal Ganglia: Application of Bispectral Analysis to Local Field Potentials. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2007, 15, 483-492. | 4.9 | 39 |
| 139 | Non-motor effects of deep brain stimulation of the subthalamic nucleus in Parkinson's disease: preliminary physiological results. <i>Neurological Sciences</i> , 2001, 22, 85-86. | 1.9 | 38 |
| 140 | Gender-related differences in the human subthalamic area: a local field potential study. <i>European Journal of Neuroscience</i> , 2006, 24, 3213-3222. | 2.6 | 37 |
| 141 | Neurophysiology of Deep Brain Stimulation. <i>International Review of Neurobiology</i> , 2012, 107, 23-55. | 2.0 | 37 |
| 142 | Spinal Direct Current Stimulation Modulates Short Intracortical Inhibition. <i>Neuromodulation</i> , 2015, 18, 686-693. | 0.8 | 37 |
| 143 | Botulinum toxin treatment in patients with focal dystonia and hemifacial spasm. A multicenter study of the Italian Movement Disorder Group. <i>Italian Journal of Neurological Sciences</i> , 1993, 14, 361-367. | 0.1 | 36 |
| 144 | Clinical perspectives of adaptive deep brain stimulation. <i>Brain Stimulation</i> , 2021, 14, 1238-1247. | 1.6 | 36 |

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|-----|--|-----|-----------|
| 145 | Issues Related to Deep Brain Stimulation for Treatment-Refractory Tourette's Syndrome. <i>European Neurology</i> , 2009, 62, 264-273. | 1.4 | 35 |
| 146 | Inhibition of hand muscle motoneurons by peripheral nerve stimulation in the relaxed human subject. Antidromic versus orthodromic input. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1995, 97, 63-68. | 1.4 | 34 |
| 147 | Transcranial direct current stimulation in two patients with Tourette syndrome. <i>Movement Disorders</i> , 2008, 23, 2259-2261. | 3.9 | 34 |
| 148 | Non-invasive brain stimulation for the management of arterial hypertension. <i>Medical Hypotheses</i> , 2010, 74, 332-336. | 1.5 | 34 |
| 149 | An unexpected target of spinal direct current stimulation: Interhemispheric connectivity in humans. <i>Journal of Neuroscience Methods</i> , 2015, 254, 18-26. | 2.5 | 34 |
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