

Alberto Priori

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324
papers

20,719
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70
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137
g-index

372
ext. papers

24,163
ext. citations

4.4
avg, IF

6.61
L-index

#	Paper	IF	Citations
324	Transcranial direct current stimulation: State of the art 2008. <i>Brain Stimulation</i> , 2008 , 1, 206-23	5.1	2020
323	Interhemispheric inhibition of the human motor cortex. <i>Journal of Physiology</i> , 1992 , 453, 525-46	3.9	1065
322	Clinical research with transcranial direct current stimulation (tDCS): challenges and future directions. <i>Brain Stimulation</i> , 2012 , 5, 175-195	5.1	881
321	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , 2017 , 128, 56-92	4.3	750
320	A technical guide to tDCS, and related non-invasive brain stimulation tools. <i>Clinical Neurophysiology</i> , 2016 , 127, 1031-1048	4.3	661
319	Safety criteria for transcranial direct current stimulation (tDCS) in humans. <i>Clinical Neurophysiology</i> , 2003 , 114, 2220-2; author reply 2222-3	4.3	527
318	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , 2017 , 128, 1774-1809	4.3	478
317	Polarization of the human motor cortex through the scalp. <i>NeuroReport</i> , 1998 , 9, 2257-60	1.7	380
316	Brain polarization in humans: a reappraisal of an old tool for prolonged non-invasive modulation of brain excitability. <i>Clinical Neurophysiology</i> , 2003 , 114, 589-95	4.3	367
315	Rhythm-specific pharmacological modulation of subthalamic activity in Parkinson's disease. <i>Experimental Neurology</i> , 2004 , 189, 369-79	5.7	364
314	Transcranial direct current stimulation improves recognition memory in Alzheimer disease. <i>Neurology</i> , 2008 , 71, 493-8	6.5	310
313	Non-synaptic mechanisms underlie the after-effects of cathodal transcutaneous direct current stimulation of the human brain. <i>Journal of Physiology</i> , 2005 , 568, 653-63	3.9	300
312	Motor cortical inhibition and the dopaminergic system. Pharmacological changes in the silent period after transcranial brain stimulation in normal subjects, patients with Parkinson's disease and drug-induced parkinsonism. <i>Brain</i> , 1994 , 117 (Pt 2), 317-23	11.2	291
311	Improved naming after transcranial direct current stimulation in aphasia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 451-3	5.5	272
310	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, 138-46		253
309	Consensus Paper: Cerebellum and Emotion. <i>Cerebellum</i> , 2017 , 16, 552-576	4.3	235
308	Improved isometric force endurance after transcranial direct current stimulation over the human motor cortical areas. <i>European Journal of Neuroscience</i> , 2007 , 26, 242-9	3.5	229

307	Adaptive deep brain stimulation (aDBS) controlled by local field potential oscillations. <i>Experimental Neurology</i> , 2013 , 245, 77-86	5.7	214
306	Prolonged visual memory enhancement after direct current stimulation in Alzheimer's disease. <i>Brain Stimulation</i> , 2012 , 5, 223-230	5.1	202
305	Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. <i>Brain Stimulation</i> , 2008 , 1, 326-36	5.1	192
304	Non-invasive cerebellar stimulation--a consensus paper. <i>Cerebellum</i> , 2014 , 13, 121-38	4.3	191
303	Cerebellar transcranial direct current stimulation impairs the practice-dependent proficiency increase in working memory. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1687-97	3.1	190
302	Autologous transplantation of muscle-derived CD133+ stem cells in Duchenne muscle patients. <i>Cell Transplantation</i> , 2007 , 16, 563-77	4	190
301	Abnormal central integration of a dual somatosensory input in dystonia. Evidence for sensory overflow. <i>Brain</i> , 2000 , 123 (Pt 1), 42-50	11.2	187
300	Repetitive transcranial magnetic stimulation or transcranial direct current stimulation?. <i>Brain Stimulation</i> , 2009 , 2, 241-5	5.1	185
299	Physiological effects produced by botulinum toxin treatment of upper limb dystonia. Changes in reciprocal inhibition between forearm muscles. <i>Brain</i> , 1995 , 118 (Pt 3), 801-7	11.2	179
298	300-Hz subthalamic oscillations in Parkinson's disease. <i>Brain</i> , 2003 , 126, 2153-63	11.2	172
297	Transcranial direct current stimulation in severe, drug-resistant major depression. <i>Journal of Affective Disorders</i> , 2009 , 118, 215-9	6.6	170
296	Functional and clinical neuroanatomy of morality. <i>Brain</i> , 2012 , 135, 2006-21	11.2	168
295	Multifocal motor neuropathy: current concepts and controversies. <i>Muscle and Nerve</i> , 2005 , 31, 663-80	3.4	155
294	Adaptive deep brain stimulation in a freely moving Parkinsonian patient. <i>Movement Disorders</i> , 2015 , 30, 1003-5	7	139
293	Transcranial direct current stimulation (tDCS) in unipolar vs. bipolar depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 96-101	5.5	139
292	Lie-specific involvement of dorsolateral prefrontal cortex in deception. <i>Cerebral Cortex</i> , 2008 , 18, 451-5	5.1	134
291	Movement-related frequency modulation of beta oscillatory activity in the human subthalamic nucleus. <i>Journal of Physiology</i> , 2005 , 568, 699-711	3.9	134
290	Transcranial direct current stimulation (tDCS) and language. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 832-42	5.5	131

289	Cerebellar Transcranial Direct Current Stimulation (ctDCS): A Novel Approach to Understanding Cerebellar Function in Health and Disease. <i>Neuroscientist</i> , 2016 , 22, 83-97	7.6	126
288	The effects of levodopa and ongoing deep brain stimulation on subthalamic beta oscillations in Parkinson's disease. <i>Experimental Neurology</i> , 2010 , 226, 120-7	5.7	124
287	Limb immobilization for the treatment of focal occupational dystonia. <i>Neurology</i> , 2001 , 57, 405-9	6.5	122
286	Transcranial cerebellar direct current stimulation (tcDCS): motor control, cognition, learning and emotions. <i>NeuroImage</i> , 2014 , 85 Pt 3, 918-23	7.9	118
285	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, 786-99	2.3	117
284	Dopamine-dependent non-linear correlation between subthalamic rhythms in Parkinson's disease. <i>Journal of Physiology</i> , 2006 , 571, 579-91	3.9	117
283	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	4.4	115
282	Modulating human procedural learning by cerebellar transcranial direct current stimulation. <i>Cerebellum</i> , 2013 , 12, 485-92	4.3	113
281	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 Suppl 2, S101-2	3.5	111
280	Effect of spinal transcutaneous direct current stimulation on somatosensory evoked potentials in humans. <i>Clinical Neurophysiology</i> , 2008 , 119, 2636-40	4.3	107
279	Eight-hours adaptive deep brain stimulation in patients with Parkinson disease. <i>Neurology</i> , 2018 , 90, e971-e976	6.5	102
278	Gender-related differences in moral judgments. <i>Cognitive Processing</i> , 2010 , 11, 219-26	1.5	100
277	Modelling the electric field and the current density generated by cerebellar transcranial DC stimulation in humans. <i>Clinical Neurophysiology</i> , 2014 , 125, 577-84	4.3	99
276	Transcranial direct current stimulation (tDCS) for fatigue in multiple sclerosis. <i>NeuroRehabilitation</i> , 2014 , 34, 121-7	2	97
275	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	5	94
274	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, 356-61	6	93
273	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	5.5	92
272	Inhibitory action of forearm flexor muscle afferents on corticospinal outputs to antagonist muscles in humans. <i>Journal of Physiology</i> , 1998 , 511 (Pt 3), 947-56	3.9	91

271	Myoinositol content in the human brain is modified by transcranial direct current stimulation in a matter of minutes: a 1H-MRS study. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 782-9	4.4	89
270	Transcranial cerebellar direct current stimulation and transcutaneous spinal cord direct current stimulation as innovative tools for neuroscientists. <i>Journal of Physiology</i> , 2014 , 592, 3345-69	3.9	87
269	Human handedness and asymmetry of the motor cortical silent period. <i>Experimental Brain Research</i> , 1999 , 128, 390-6	2.3	85
268	Cerebellar tDCS: how to do it. <i>Cerebellum</i> , 2015 , 14, 27-30	4.3	84
267	Transcutaneous spinal cord direct current stimulation inhibits the lower limb nociceptive flexion reflex in human beings. <i>Pain</i> , 2011 , 152, 370-375	8	83
266	Somatosensory disinhibition in dystonia. <i>Movement Disorders</i> , 2001 , 16, 674-82	7	83
265	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	4.4	79
264	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, 123-30	3.9	79
263	Cerebellar and Motor Cortical Transcranial Stimulation Decrease Levodopa-Induced Dyskinesias in Parkinson's Disease. <i>Cerebellum</i> , 2016 , 15, 43-47	4.3	77
262	Modulation of beta oscillations in the subthalamic area during action observation in Parkinson's disease. <i>Neuroscience</i> , 2009 , 161, 1027-36	3.9	77
261	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, 382-7		77
260	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, 131-7		75
259	Subthalamic local field potential oscillations during ongoing deep brain stimulation in Parkinson's disease. <i>Brain Research Bulletin</i> , 2008 , 76, 512-21	3.9	73
258	Brain switches utilitarian behavior: does gender make the difference?. <i>PLoS ONE</i> , 2010 , 5, e8865	3.7	72
257	Corticospinal potentials after transcranial stimulation in humans. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1989 , 52, 970-4	5.5	72
256	Chronic epidural motor cortical stimulation for movement disorders. <i>Lancet Neurology</i> , 2007 , 6, 279-86	24.1	71
255	Movement-related electroencephalographic reactivity in Alzheimer disease. <i>NeuroImage</i> , 2000 , 12, 139-46	4.6	71
254	Adaptive deep brain stimulation controls levodopa-induced side effects in Parkinsonian patients. <i>Movement Disorders</i> , 2017 , 32, 628-629	7	70

253	Subthalamic local field beta oscillations during ongoing deep brain stimulation in Parkinson's disease in hyperacute and chronic phases. <i>NeuroSignals</i> , 2011 , 19, 151-62	1.9	70
252	Transcutaneous spinal direct current stimulation inhibits nociceptive spinal pathway conduction and increases pain tolerance in humans. <i>European Journal of Pain</i> , 2011 , 15, 1023-7	3.7	67
251	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, 846-9	5.1	66
250	Time dependent subthalamic local field potential changes after DBS surgery in Parkinson's disease. <i>Experimental Neurology</i> , 2010 , 222, 184-90	5.7	66
249	Thalamic single-unit and local field potential activity in Tourette syndrome. <i>Movement Disorders</i> , 2010 , 25, 300-8	7	66
248	Subthalamic local field potentials after seven-year deep brain stimulation in Parkinson's disease. <i>Experimental Neurology</i> , 2012 , 237, 312-7	5.7	65
247	Electromyographic silent period after transcranial brain stimulation in Huntington's disease. <i>Movement Disorders</i> , 1994 , 9, 178-82	7	65
246	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, 212-21	3.5	63
245	Altered subthalamo-pallidal synchronisation in parkinsonian dyskinesias. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 426-8	5.5	62
244	Some saccadic eye movements can be delayed by transcranial magnetic stimulation of the cerebral cortex in man. <i>Brain</i> , 1993 , 116 (Pt 2), 355-67	11.2	62
243	First ultrastructural autaptic findings of SARS -Cov-2 in olfactory pathways and brainstem. <i>Minerva Anestesiologica</i> , 2020 , 86, 678-679	1.9	61
242	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	6	59
241	Modeling the current density generated by transcutaneous spinal direct current stimulation (tsDCS). <i>Clinical Neurophysiology</i> , 2014 , 125, 2260-2270	4.3	59
240	Transcranial direct current stimulation for the outpatient treatment of poor-responder depressed patients. <i>European Psychiatry</i> , 2012 , 27, 513-7	6	58
239	Spinal direct current stimulation modulates the activity of gracile nucleus and primary somatosensory cortex in anaesthetized rats. <i>Journal of Physiology</i> , 2011 , 589, 4981-96	3.9	57
238	Gender differences in patients with Parkinson's disease treated with subthalamic deep brain stimulation. <i>Movement Disorders</i> , 2007 , 22, 1150-6	7	57
237	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, 761-6	5.5	57
236	Cathodal transcutaneous spinal direct current stimulation (tsDCS) improves motor unit recruitment in healthy subjects. <i>Neuroscience Letters</i> , 2014 , 578, 75-9	3.3	56

235	The adaptive deep brain stimulation challenge. <i>Parkinsonism and Related Disorders</i> , 2016 , 28, 12-7	3.6	56
234	Dorsolateral prefrontal cortex specifically processes general - but not personal - knowledge deception: Multiple brain networks for lying. <i>Behavioural Brain Research</i> , 2010 , 211, 164-8	3.4	55
233	Deep brain electrophysiological recordings provide clues to the pathophysiology of Tourette syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 1063-8	9	53
232	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, 605-14	3.5	53
231	Transcutaneous spinal direct current stimulation. <i>Frontiers in Psychiatry</i> , 2012 , 3, 63	5	52
230	Motor potentials evoked by paired cortical stimuli. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1990 , 77, 382-9		52
229	Conflict-dependent dynamic of subthalamic nucleus oscillations during moral decisions. <i>Social Neuroscience</i> , 2011 , 6, 243-56	2	50
228	Nerve stimulation boosts botulinum toxin action in spasticity. <i>Movement Disorders</i> , 2005 , 20, 624-9	7	50
227	Transcutaneous spinal direct current stimulation modulates human corticospinal system excitability. <i>Journal of Neurophysiology</i> , 2015 , 114, 440-6	3.2	49
226	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	2.4	46
225	Cerebellar transcranial direct current stimulation in neurological disease. <i>Cerebellum and Ataxias</i> , 2016 , 3, 16	1.7	46
224	Cognitive, mood, and electroencephalographic effects of noninvasive cortical stimulation with weak electrical currents. <i>Journal of ECT</i> , 2011 , 27, 134-40	2	45
223	The prolonged cortical silent period in patients with Huntington's disease. <i>Clinical Neurophysiology</i> , 2001 , 112, 1470-4	4.3	45
222	Do intraoperative microrecordings improve subthalamic nucleus targeting in stereotactic neurosurgery for Parkinson's disease?. <i>Journal of Neurosurgical Sciences</i> , 2003 , 47, 56-60	1.3	45
221	Botulinum toxin restores presynaptic inhibition of group Ia afferents in patients with essential tremor. <i>Muscle and Nerve</i> , 1998 , 21, 1701-5	3.4	43
220	Low-frequency subthalamic oscillations increase after deep brain stimulation in Parkinson's disease. <i>Brain Research Bulletin</i> , 2006 , 71, 149-54	3.9	43
219	Evidence for metaplasticity in the human visual cortex. <i>Journal of Neural Transmission</i> , 2014 , 121, 221-31	4.3	42
218	Transcranial direct current stimulation and cognitive-behavioral therapy: evidence of a synergistic effect in treatment-resistant depression. <i>Brain Stimulation</i> , 2013 , 6, 465-7	5.1	42

217	Electrical stimulation over muscle tendons in humans. Evidence favouring presynaptic inhibition of la fibres due to the activation of group III tendon afferents. <i>Brain</i> , 1998 , 121 (Pt 2), 373-80	11.2	42
216	Transcranial Direct Current Stimulation Modulates Cortical Neuronal Activity in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016 , 10, 134	5.1	41
215	Bartholow, Sciamanna, Alberti: pioneers in the electrical stimulation of the exposed human cerebral cortex. <i>Neuroscientist</i> , 2008 , 14, 521-8	7.6	40
214	Cerebellar direct current stimulation modulates pain perception in humans. <i>Restorative Neurology and Neuroscience</i> , 2015 , 33, 597-609	2.8	39
213	Anatomo-clinical correlation of intraoperative stimulation-induced side-effects during HF-DBS of the subthalamic nucleus. <i>Neurological Sciences</i> , 2002 , 23 Suppl 2, S109-10	3.5	39
212	Clinical predictors of acute response to transcranial direct current stimulation (tDCS) in major depression. <i>Journal of Affective Disorders</i> , 2017 , 219, 25-30	6.6	38
211	DNAJC12 and dopa-responsive nonprogressive parkinsonism. <i>Annals of Neurology</i> , 2017 , 82, 640-646	9.4	38
210	Pathological gambling in Parkinson's disease: subthalamic oscillations during economics decisions. <i>Movement Disorders</i> , 2013 , 28, 1644-52	7	38
209	Central nervous system abnormalities in vaginismus. <i>Clinical Neurophysiology</i> , 2009 , 120, 117-22	4.3	38
208	Pathophysiological heterogeneity of conduction blocks in multifocal motor neuropathy. <i>Brain</i> , 2005 , 128, 1642-8	11.2	38
207	Spinal and cortical inhibition in Huntington's chorea. <i>Movement Disorders</i> , 2000 , 15, 938-46	7	38
206	Corticobulbar and corticospinal projections to neck muscle motoneurons in man. A functional study with magnetic and electric transcranial brain stimulation. <i>Experimental Brain Research</i> , 1991 , 87, 402-6	2.3	38
205	What neurophysiological recordings tell us about cognitive and behavioral functions of the human subthalamic nucleus. <i>Expert Review of Neurotherapeutics</i> , 2011 , 11, 139-49	4.3	37
204	gamma-hydroxybutyric acid for alcohol-sensitive myoclonus with dystonia. <i>Neurology</i> , 2000 , 54, 1706	6.5	37
203	Diagnostic biomarkers for Parkinson's disease at a glance: where are we?. <i>Journal of Neural Transmission</i> , 2018 , 125, 1417-1432	4.3	36
202	Non-motor effects of deep brain stimulation of the subthalamic nucleus in Parkinson's disease: preliminary physiological results. <i>Neurological Sciences</i> , 2001 , 22, 85-6	3.5	36
201	Distinctive abnormalities of motor axonal strength-duration properties in multifocal motor neuropathy and in motor neurone disease. <i>Brain</i> , 2002 , 125, 2481-90	11.2	36
200	Brain Plasticity Effects of Neuromodulation Against Multiple Sclerosis Fatigue. <i>Frontiers in Neurology</i> , 2015 , 6, 141	4.1	35

199	Botulinum toxin treatment of muscle cramps: a clinical and neurophysiological study. <i>Annals of Neurology</i> , 1997 , 41, 181-6	9.4	35
198	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, 361-7		35
197	Transcranial direct current stimulation for hyperactivity and noncompliance in autistic disorder. <i>World Journal of Biological Psychiatry</i> , 2015 , 16, 361-6	3.8	34
196	Neurophysiology of deep brain stimulation. <i>International Review of Neurobiology</i> , 2012 , 107, 23-55	4.4	34
195	Transcranial direct current stimulation (tDCS) for sleep disturbances and fatigue in patients with post-polio syndrome. <i>Restorative Neurology and Neuroscience</i> , 2013 , 31, 661-8	2.8	34
194	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, 483-92	4.8	34
193	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	3.1	33
192	Issues related to deep brain stimulation for treatment-refractory Tourette's syndrome. <i>European Neurology</i> , 2009 , 62, 264-73	2.1	32
191	Spinal Direct Current Stimulation Modulates Short Intracortical Inhibition. <i>Neuromodulation</i> , 2015 , 18, 686-93	3.1	30
190	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	4.4	30
189	Non-invasive brain stimulation for the management of arterial hypertension. <i>Medical Hypotheses</i> , 2010 , 74, 332-6	3.8	30
188	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, 63-8		30
187	Transcranial direct current stimulation in two patients with Tourette syndrome. <i>Movement Disorders</i> , 2008 , 23, 2259-61	7	29
186	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 Suppl 2, S71-2	3.5	29
185	Paired transcranial magnetic stimulation for the early diagnosis of corticobasal degeneration. <i>Clinical Neurophysiology</i> , 2003 , 114, 272-8	4.3	29
184	Cerebellar and Spinal Direct Current Stimulation in Children: Computational Modeling of the Induced Electric Field. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 522	3.3	29
183	Multiple sequential image-fusion and direct MRI localisation of the subthalamic nucleus for deep brain stimulation. <i>Journal of Neurosurgical Sciences</i> , 2003 , 47, 33-9	1.3	29
182	An unexpected target of spinal direct current stimulation: Interhemispheric connectivity in humans. <i>Journal of Neuroscience Methods</i> , 2015 , 254, 18-26	3	28

181	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	5	28
180	Gender-related differences in the human subthalamic area: a local field potential study. <i>European Journal of Neuroscience</i> , 2006 , 24, 3213-22	3.5	28
179	Psychological Impact During the First Outbreak of COVID-19 in Italy. <i>Frontiers in Psychiatry</i> , 2020 , 11, 559266	5	27
178	Transcranial direct current stimulation (tDCS) of the cortical motor areas in three cases of cerebellar ataxia. <i>Cerebellum</i> , 2014 , 13, 109-12	4.3	27
177	Right but not left angular gyrus modulates the metric component of the mental body representation: a tDCS study. <i>Experimental Brain Research</i> , 2013 , 228, 63-72	2.3	27
176	Assessment of blood chemistry reference values for cultured sturgeon hybrids (<i>Acipenser naccarii</i> female [Acipenser baerii male]). <i>Journal of Applied Ichthyology</i> , 2011 , 27, 584-590	0.9	26
175	Long-Lasting Cognitive Abnormalities after COVID-19. <i>Brain Sciences</i> , 2021 , 11,	3.4	26
174	The subthalamic nucleus in Parkinson's disease: power spectral density analysis of neural intraoperative signals. <i>Neurological Sciences</i> , 2004 , 24, 367-74	3.5	25
173	Involvement of corticospinal tract in Wilson's disease. A study of three cases with transcranial stimulation. <i>Movement Disorders</i> , 1990 , 5, 334-7	7	25
172	Insights into organic farming of European sea bass <i>Dicentrarchus labrax</i> and gilthead sea bream <i>Sparus aurata</i> through the assessment of environmental impact, growth performance, fish welfare and product quality. <i>Aquaculture</i> , 2017 , 471, 92-105	4.4	24
171	Visual perception during mirror gazing at one's own face in schizophrenia. <i>Schizophrenia Research</i> , 2012 , 140, 46-50	3.6	24
170	Guidelines for the therapeutic use of botulinum toxin in movement disorders. Italian Study Group for Movement Disorders, Italian Society of Neurology. <i>Italian Journal of Neurological Sciences</i> , 1997 , 18, 261-9		24
169	The effect of hyperventilation on motor cortical inhibition in humans: a study of the electromyographic silent period evoked by transcranial brain stimulation. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1995 , 97, 69-72		24
168	Transcranial direct current stimulation for autistic disorder. <i>Biological Psychiatry</i> , 2014 , 76, e5-6	7.9	23
167	Increased short latency afferent inhibition after anodal transcranial direct current stimulation. <i>Neuroscience Letters</i> , 2011 , 498, 167-70	3.3	23
166	Deep brain stimulation in Parkinson's disease can mimic the 300 Hz subthalamic rhythm. <i>Brain</i> , 2006 , 129, e59; author reply e60	11.2	23
165	Impaired heteronymous somatosensory motor cortical inhibition in dystonia. <i>Movement Disorders</i> , 2003 , 18, 1367-73	7	23
164	Subthalamic somatosensory evoked potentials in Parkinson's disease. <i>Movement Disorders</i> , 2003 , 18, 1341-5	7	23

163	Physiological recordings from electrodes implanted in the basal ganglia for deep brain stimulation in Parkinson's disease. the relevance of fast subthalamic rhythms. <i>Acta Neurochirurgica Supplementum</i> , 2005 , 93, 97-9	1.7	23
162	A Systematic Review and Provisional Metanalysis on Psychopathologic Burden on Health Care Workers of Coronavirus Outbreaks. <i>Frontiers in Psychiatry</i> , 2020 , 11, 568664	5	23
161	Bifrontal tDCS prevents implicit learning acquisition in antidepressant-free patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 43, 146-50	5.5	22
160	Computational modeling of transcranial direct current stimulation in the child brain: implications for the treatment of refractory childhood focal epilepsy. <i>International Journal of Neural Systems</i> , 2014 , 24, 1430006	6.2	22
159	Transcranial direct current stimulation: challenges, opportunities, and impact on psychiatry and neurorehabilitation. <i>Frontiers in Psychiatry</i> , 2013 , 4, 19	5	22
158	High-frequency oscillations (>200 Hz) in the human non-parkinsonian subthalamic nucleus. <i>Brain Research Bulletin</i> , 2007 , 74, 84-90	3.9	22
157	Excitability of the human trigeminal motoneuronal pool and interactions with other brainstem reflex pathways. <i>Journal of Physiology</i> , 2001 , 531, 559-71	3.9	22
156	The effects of levodopa and deep brain stimulation on subthalamic local field low-frequency oscillations in Parkinson's disease. <i>NeuroSignals</i> , 2013 , 21, 89-98	1.9	21
155	The excitability of human cortical inhibitory circuits responsible for the muscle silent period after transcranial brain stimulation. <i>Experimental Brain Research</i> , 2000 , 132, 384-9	2.3	21
154	Adaptive Deep Brain Stimulation (aDBS) for Tourette Syndrome. <i>Brain Sciences</i> , 2017 , 8,	3.4	20
153	Adaptive autoregressive identification with spectral power decomposition for studying movement-related activity in scalp EEG signals and basal ganglia local field potentials. <i>Journal of Neural Engineering</i> , 2004 , 1, 165-73	5	20
152	Limb immobilization for occupational dystonia: a possible alternative treatment for selected patients. <i>Advances in Neurology</i> , 2004 , 94, 247-54		20
151	Novel nonpharmacologic perspectives for the treatment of task-specific focal hand dystonia. <i>Journal of Hand Therapy</i> , 2009 , 22, 156-61; quiz 162	1.6	19
150	Pathophysiology of spasticity. <i>Neurological Sciences</i> , 2006 , 27, s307-s309	3.5	19
149	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	5.5	19
148	Numerical estimation of the current density in the heart during transcranial direct current stimulation. <i>Brain Stimulation</i> , 2013 , 6, 457-9	5.1	18
147	Risk of Infection After Local Field Potential Recording from Externalized Deep Brain Stimulation Leads in Parkinson's Disease. <i>World Neurosurgery</i> , 2017 , 97, 64-69	2.1	18
146	Efficacy of tricaine methanesulphonate, clove oil and medetomidine-ketamine and their side effects on the physiology of sturgeon hybrid <i>Acipenser naccarii</i> × <i>Acipenser baerii</i> . <i>Journal of Applied Ichthyology</i> , 2011 , 27, 611-617	0.9	18

145	Deep brain stimulation for Parkinson's disease: the experience of the Policlinico-San Paolo Group in Milan. <i>Neurological Sciences</i> , 2003 , 24 Suppl 1, S41-2	3.5	18
144	Mutational analysis of COQ2 in patients with MSA in Italy. <i>Neurobiology of Aging</i> , 2016 , 45, 213.e1-213.e3.6	3.6	18
143	EAN consensus statement for management of patients with neurological diseases during the COVID-19 pandemic. <i>European Journal of Neurology</i> , 2021 , 28, 7-14	6	18
142	Cerebellar Transcranial Direct Current Stimulation (ctDCS) Ameliorates Phantom Limb Pain and Non-painful Phantom Limb Sensations. <i>Cerebellum</i> , 2019 , 18, 527-535	4.3	17
141	Coupling of the oxygen-linked interaction energy for inositol hexakisphosphate and bezafibrate binding to human HbA0. <i>Journal of Biological Chemistry</i> , 1999 , 274, 6865-74	5.4	17
140	Dual Transcranial Direct Current Stimulation for Poststroke Dysphagia: A Randomized Controlled Trial. <i>Neurorehabilitation and Neural Repair</i> , 2018 , 32, 635-644	4.7	16
139	Hypothalamic oscillations in human pathological aggressiveness. <i>Biological Psychiatry</i> , 2012 , 72, e33-5	7.9	16
138	Efficacy and safety of transcranial direct current stimulation in major depression. <i>Biological Psychiatry</i> , 2011 , 69, e23-4	7.9	16
137	Multicenter study report: electrophysiological monitoring procedures for subthalamic deep brain stimulation surgery in Parkinson's disease. <i>Neurological Sciences</i> , 2010 , 31, 449-57	3.5	16
136	Transient improvement induced by motor fatigue in focal occupational dystonia: the handgrip test. <i>Movement Disorders</i> , 2001 , 16, 1143-7	7	16
135	Effects of transcranial magnetic stimulation on single and sequential arm movements. <i>Experimental Brain Research</i> , 1994 , 98, 501-6	2.3	16
134	Monitoring subthalamic oscillations for 24 hours in a freely moving Parkinson's disease patient. <i>Movement Disorders</i> , 2019 , 34, 757-759	7	15
133	Transcranial direct current stimulation as treatment for Parkinson's disease and other movement disorders. <i>Basal Ganglia</i> , 2016 , 6, 53-61		15
132	Evaluation of the current density in the brainstem during transcranial direct current stimulation with extra-cephalic reference electrode. <i>Clinical Neurophysiology</i> , 2013 , 124, 1039-40	4.3	15
131	Validation of the Italian version of the Non Motor Symptoms Scale for Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017 , 34, 38-42	3.6	15
130	Moving Beyond the Brain: Transcutaneous Spinal Direct Current Stimulation in Post-Stroke Aphasia. <i>Frontiers in Neurology</i> , 2017 , 8, 400	4.1	15
129	Technology for deep brain stimulation at a gallop. <i>Movement Disorders</i> , 2015 , 30, 1206-12	7	15
128	Impaired EMG inhibition elicited by tendon stimulation in dystonia. <i>Neurology</i> , 2000 , 55, 1789-93	6.5	15

127	Postcontraction depression of reciprocal inhibition in human forearm muscles. <i>Muscle and Nerve</i> , 2000 , 23, 1335-43	3.4	15
126	Abnormal sexuality in Parkinson's disease: fact or fancy?. <i>Journal of the Neurological Sciences</i> , 2016 , 369, 5-10	3.2	15
125	Acute dystonic reaction to ecstasy. <i>Movement Disorders</i> , 1995 , 10, 353	7	14
124	WebBioBank: a new platform for integrating clinical forms and shared neurosignal analyses to support multi-centre studies in Parkinson's Disease. <i>Journal of Biomedical Informatics</i> , 2014 , 52, 92-104	10.2	13
123	Transcranial Direct Current Stimulation of the Left Temporal Lobe Modulates Insight. <i>Creativity Research Journal</i> , 2018 , 30, 143-151	1.8	12
122	Unilateral Application of Cathodal tDCS Reduces Transcallosal Inhibition and Improves Visual Acuity in Amblyopic Patients. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 109	3.5	12
121	Augmentative transcranial direct current stimulation (tDCS) in poor responder depressed patients: a follow-up study. <i>CNS Spectrums</i> , 2014 , 19, 347-54	1.8	12
120	Transcranial Direct Current Stimulation and Cerebral Vasomotor Reserve: A Study in Healthy Subjects. <i>Journal of Neuroimaging</i> , 2015 , 25, 571-4	2.8	12
119	Noninvasive Cerebellar Stimulation as a Complement Tool to Pharmacotherapy. <i>Current Neuropharmacology</i> , 2019 , 17, 14-20	7.6	12
118	Neurological symptoms in acute COVID-19 infected patients: A survey among Italian physicians. <i>PLoS ONE</i> , 2020 , 15, e0238159	3.7	12
117	Limbic neurochemical changes in patients with functional motor symptoms. <i>Neurology</i> , 2019 , 93, e52-e58.5	5.5	11
116	Ethical safety of deep brain stimulation: A study on moral decision-making in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 709-16	3.6	11
115	Mild brain injury and anticoagulants: Less is enough. <i>Neurology: Clinical Practice</i> , 2017 , 7, 296-305	1.7	11
114	Extracellular spike microrecordings from the subthalamic area in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2008 , 15, 559-67	2.2	11
113	A scanning electron microscopy morphometric study of the rabbit peritoneal surface. <i>The Anatomical Record</i> , 1990 , 228, 145-50		11
112	Spinal direct current stimulation (tsDCS) in hereditary spastic paraplegias (HSP): A sham-controlled crossover study. <i>Journal of Spinal Cord Medicine</i> , 2021 , 44, 46-53	1.9	11
111	The pathophysiology of functional movement disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 120, 387-400	9	11
110	Anodal transcranial direct current stimulation and intermittent theta-burst stimulation improve deglutition and swallowing reproducibility in elderly patients with dysphagia. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13791	4	10

109	The Mosso method for recording brain pulsation: the forerunner of functional neuroimaging. <i>NeuroImage</i> , 2009 , 48, 652-6	7.9	10
108	Electrical and magnetic stimulation of the accessory nerve at the base of the skull. <i>Muscle and Nerve</i> , 1991 , 14, 477-8	3.4	10
107	Non-invasive Cerebellar Stimulation in Cerebellar Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 193-198	2.6	10
106	The Many Faces of Covid-19 at a Glance: A University Hospital Multidisciplinary Account From Milan, Italy. <i>Frontiers in Public Health</i> , 2020 , 8, 575029	6	10
105	Transcranial direct current stimulation modulates motor responses evoked by repetitive transcranial magnetic stimulation. <i>Neuroscience Letters</i> , 2012 , 522, 167-71	3.3	9
104	Is the Charcot and Bernard case (1883) of loss of visual imagery really based on neurological impairment?. <i>Cognitive Neuropsychiatry</i> , 2011 , 16, 481-504	2	9
103	High dose intravenous immune globulin in the treatment of hereditary recurrent brachial plexus neuropathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003 , 74, 550; author reply 550-1	5.5	9
102	Behavioral and Neurophysiological Effects of Transcranial Direct Current Stimulation (tDCS) in Fronto-Temporal Dementia. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 235	3.5	9
101	Effects of Combined Transcranial Direct Current Stimulation with Cognitive Training in Girls with Rett Syndrome. <i>Brain Sciences</i> , 2020 , 10,	3.4	8
100	Cerebellar direct current stimulation modulates hand blink reflex: implications for defensive behavior in humans. <i>Physiological Reports</i> , 2018 , 6, e13471	2.6	8
99	Transcranial direct current stimulation enhances sucking of a liquid bolus in healthy humans. <i>Brain Stimulation</i> , 2014 , 7, 817-22	5.1	8
98	Lies tell the truth about cognitive dysfunction in essential tremor: an experimental deception study with the guilty knowledge task. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 1008-13	5.5	8
97	The kinetics of surface craze growth in polycarbonate exposed to normal hydrocarbons. <i>Journal of Materials Science</i> , 1983 , 18, 1466-1472	4.3	8
96	A plea for equitable global access to COVID-19 diagnostics, vaccination and therapy: The NeuroCOVID-19 Task Force of the European Academy of Neurology. <i>European Journal of Neurology</i> , 2021 , 28, 3849-3855	6	8
95	Pedophilia 30 years after a traumatic brain injury. <i>Neurological Sciences</i> , 2015 , 36, 481-2	3.5	7
94	Subthalamic involvement in monetary reward and its dysfunction in parkinsonian gamblers. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 355-8	5.5	7
93	Information theory, single neurons and gamma oscillations in the human subthalamic nucleus. <i>Experimental Neurology</i> , 2007 , 205, 292-3	5.7	7
92	Web-based telemonitoring and delivery of caregiver support for patients with Parkinson disease after deep brain stimulation: protocol. <i>JMIR Research Protocols</i> , 2015 , 4, e30	2	7

91	Brainstem clinical and neurophysiological involvement in COVID-19. <i>Journal of Neurology</i> , 2021 , 268, 3598-3600	5.5	7
90	Primary prevention of COVID-19: Advocacy for vaccination from a neurological perspective. <i>European Journal of Neurology</i> , 2021 , 28, 3226-3229	6	7
89	Personally Collected Health Data for Precision Medicine and Longitudinal Research. <i>Frontiers in Medicine</i> , 2019 , 6, 125	4.9	6
88	Noninvasive stimulation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 155, 393-405	3	6
87	Computational model of cerebellar transcranial direct current stimulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 237-40	0.9	6
86	An old woman with pressure ulcer, rigidity, and opisthotonus: never forget tetanus!. <i>Lancet, The</i> , 2014 , 384, 2266	4.0	6
85	Anion- and pH-linked conformational transition in horseradish peroxidase. <i>Journal of Inorganic Biochemistry</i> , 2000 , 79, 25-30	4.2	6
84	Dissociation during Mirror Gazing Test in psychogenic nonepileptic seizures and functional movement disorders. <i>Epilepsy and Behavior</i> , 2020 , 112, 107368	3.2	6
83	Clinical perspectives of adaptive deep brain stimulation. <i>Brain Stimulation</i> , 2021 , 14, 1238-1247	5.1	6
82	Do Neurodegenerative Diseases Affect Creativity? Divergent Thinking in Frontotemporal Dementia and Parkinson Disease. <i>Creativity Research Journal</i> , 2019 , 31, 102-109	1.8	5
81	Cathodal Transcranial Direct Current Stimulation Improves Focal Hand Dystonia in Musicians: A Two-Case Study. <i>Frontiers in Neuroscience</i> , 2017 , 11, 508	5.1	5
80	Visual perception during mirror-gazing at one's own face in patients with depression. <i>Scientific World Journal, The</i> , 2014 , 2014, 946851	2.2	5
79	Different structural effects of allosteric modulators on subunits of tetrameric ferrous nitrosylated human hemoglobin: an EPR spectroscopic study. <i>Journal of Biological Inorganic Chemistry</i> , 1998 , 3, 135-139	3.7	5
78	How Brain Stimulation Techniques Can Affect Moral and Social Behaviour. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018 , 2, 335-347	2.4	5
77	Eight-hours conventional versus adaptive deep brain stimulation of the subthalamic nucleus in Parkinson's disease. <i>Npj Parkinsons Disease</i> , 2021 , 7, 88	9.7	5
76	Critical illness neuropathy in severe COVID-19: a case series. <i>Neurological Sciences</i> , 2021 , 42, 4893-4898	3.5	5
75	Adaptation and psychometric properties of the Italian version of the Non-Motor Symptoms Questionnaire for Parkinson's disease. <i>Neurological Sciences</i> , 2017 , 38, 673-678	3.5	4
74	The guilty brain: the utility of neuroimaging and neurostimulation studies in forensic field. <i>Reviews in the Neurosciences</i> , 2017 , 28, 161-172	4.7	4

73	Deep brain stimulation in Parkinson's disease: A multicentric, long-term, observational pilot study. <i>Journal of the Neurological Sciences</i> , 2019 , 405, 116411	3.2	4
72	Holmes' or functional tremor?. <i>Clinical Neurophysiology Practice</i> , 2018 , 3, 104-106	3.8	4
71	Transcranial Direct Current Stimulation and Cognition in the Elderly 2014 , 371-395		4
70	Involvement of the human subthalamic nucleus in movement preparation. <i>Neurology</i> , 2004 , 63, 195-6; author reply 196	6.5	4
69	Cerebrospinal fluid glutamate changes in functional movement disorders. <i>Npj Parkinsons Disease</i> , 2020 , 6, 37	9.7	4
68	Visual perception and dissociation during Mirror Gazing Test in patients with anorexia nervosa: a preliminary study. <i>Eating and Weight Disorders</i> , 2021 , 26, 1541-1551	3.6	4
67	One-Year Cognitive Follow-Up of COVID-19 Hospitalized Patients.. <i>European Journal of Neurology</i> , 2022 ,	6	4
66	Cerebellar Transcranial Direct Current Stimulation (tDCS), Leaves Virtual Navigation Performance Unchanged. <i>Frontiers in Neuroscience</i> , 2019 , 13, 198	5.1	3
65	Posteroventrolateral pallidotomy through implanted DBS electrodes monitored by recording local field potentials. <i>British Journal of Neurosurgery</i> , 2015 , 29, 888-90	1	3
64	Decreased EMG inhibition following electrical stimulation over muscle tendons in myopathies. <i>Clinical Neurophysiology</i> , 2001 , 112, 1931-5	4.3	3
63	Subthalamic Neural Activity Patterns Anticipate Economic Risk Decisions in Gambling. <i>ENeuro</i> , 2018 , 5,	3.9	3
62	Consensus Paper: Novel Directions and Next Steps of Non-invasive Brain Stimulation of the Cerebellum in Health and Disease. <i>Cerebellum</i> , 2021 , 1	4.3	3
61	The Relationship Between Electrical Energy Delivered by Deep Brain Stimulation and Levodopa-Induced Dyskinesias in Parkinson's Disease: A Retrospective Preliminary Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 643841	4.1	3
60	Anodal Transcranial Direct Current Stimulation over the Cerebellum Enhances Sadness Recognition in Parkinson's Disease Patients: a Pilot Study. <i>Cerebellum</i> , 2021 , 1	4.3	3
59	Honesty 2016 , 305-322		3
58	Adaptive deep brain stimulation (aDBS). <i>International Review of Neurobiology</i> , 2021 , 159, 111-127	4.4	3
57	Thalamic Local Field Potentials Are Related to Long-Term DBS Effects in Tourette Syndrome. <i>Frontiers in Neurology</i> , 2021 , 12, 578324	4.1	3
56	Tardive Myoclonic Dyskinesia Responsive to Sodium Oxybate. <i>Clinical Neuropharmacology</i> , 2018 , 41, 194-196	4.6	3

55	Psychiatric, behavioral, and cognitive disorders in patients with extracranial cancers. <i>CNS Spectrums</i> , 2018 , 23, 388-401	1.8	2
54	Imaging of sciatic lymphoma. <i>Muscle and Nerve</i> , 2017 , 56, E22-E23	3.4	2
53	Development of an ELISA test for determination of the urinary trypsin inhibitor: analytical performance and applications. <i>Journal of Immunoassay and Immunochemistry</i> , 2005 , 26, 43-56	1.8	2
52	Limb immobilization for the treatment of focal occupational dystonia. <i>Neurology</i> , 2002 , 58, 991; author reply 991	6.5	2
51	A New Implantable Closed-Loop Clinical Neural Interface: First Application in Parkinson's Disease.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 763235	5.1	2
50	A paradoxical psychological impact of COVID-19 among a sample of Italian adults with High Functioning Autism Spectrum Disorder.. <i>Journal of Clinical Neuroscience</i> , 2021 , 95, 27-30	2.2	2
49	Cerebellar Direct Current Stimulation (ctDCS) in the Treatment of Huntington's Disease: A Pilot Study and a Short Review of the Literature. <i>Frontiers in Neurology</i> , 2020 , 11, 614717	4.1	2
48	Lessons learned from people with neurological diseases at the time of COVID-19: The EFNA-EAN survey. <i>European Journal of Neurology</i> , 2022 , 29, 318-323	6	2
47	Current Methods and Approaches of Noninvasive Direct CurrentBased Neuromodulation Techniques 2019 , 115-131		1
46	Misdiagnosis of bipolar disorder in patients with brain metastasis affecting frontal lobes. <i>CNS Spectrums</i> , 2019 , 24, 231-232	1.8	1
45	The truth about cognitive impairment in functional motor symptoms: An experimental deception study with the Guilty Knowledge Task. <i>Journal of Clinical Neuroscience</i> , 2019 , 64, 174-179	2.2	1
44	Best Simultaneous L p -Approximation on Small Regions. <i>Numerical Functional Analysis and Optimization</i> , 2015 , 36, 55-71	1	1
43	Abnormal local field potentials precede clinical complications after DBS surgery for Parkinson's disease: a case report. <i>Clinical Neurophysiology</i> , 2015 , 126, 1056-8	4.3	1
42	Historical Aspects of Transcranial Electric Stimulation 2016 , 3-19		1
41	Bilateral ischemia of the insular cortex after high altitude climbing: A case report. <i>Journal of Clinical Neuroscience</i> , 2019 , 67, 276-277	2.2	1
40	Spino-cerebellar tDCS modulates N100 components of the P300 event related potential. <i>Neuropsychologia</i> , 2019 , 135, 107231	3.2	1
39	Midazolam Responsive Oculogyric Crisis, Oral Automatism, Akinesia and Rigidity Induced by Sedation Withdrawal in a Child. <i>Movement Disorders Clinical Practice</i> , 2014 , 1, 235-236	2.2	1
38	Transcranial direct current stimulation (tDCS) and lymphocytes. <i>Brain Stimulation</i> , 2014 , 7, 332-4	5.1	1

37	Celebrating but not confusing the 25th anniversary of deep brain stimulation. <i>Movement Disorders</i> , 2012 , 27, 1587; author reply 1588	7	1
36	Role of human variability on the estimation of the electric field and of the current density during transcranial direct current stimulation 2012 ,		1
35	Functional Neuroimaging: A Historical Perspective 2012 ,		1
34	Gender-related differences in non-linear phase synchronizations between subthalamic rhythms in Parkinson's disease 2007 ,		1
33	Reply to Dr. Paulus. <i>Clinical Neurophysiology</i> , 2003 , 114, 2223	4-3	1
32	Different functional modulation by heterotropic ligands (2,3-diphosphoglycerate and chlorides) of the two haemoglobins from fallow-deer (<i>Dama dama</i>). <i>FEBS Journal</i> , 2001 , 268, 603-11		1
31	Acute postganglionic dysautonomia with polyneuropathy. <i>Muscle and Nerve</i> , 1991 , 14, 474-6	3-4	1
30	Central motor pathways are normal in patients with myotonic muscular dystrophy. <i>Muscle and Nerve</i> , 1989 , 12, 785-6	3-4	1
29	Cerebellar tDCS as Therapy for Cerebellar Ataxias.. <i>Cerebellum</i> , 2022 , 1	4-3	1
28	Digging deeper on the neurophysiological assessment in COVID-19 patients.. <i>Clinical Neurophysiology</i> , 2021 , 134, 137-137	4-3	1
27	Double-blind cross-over pilot trial protocol to evaluate the safety and preliminary efficacy of long-term adaptive deep brain stimulation in patients with Parkinson's disease.. <i>BMJ Open</i> , 2022 , 12, e049955	3	1
26	Psychological Impact During an Epidemic: Data from Italy's First Outbreak of COVID-19. <i>SSRN Electronic Journal</i> ,	1	1
25	Deep brain stimulation and tics 2014 , 88-101		1
24	Influence of inter-electrode distance on subthalamic nucleus local field potential recordings in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2021 , 133, 29-38	4-3	1
23	Cerebellar and Spinal tDCS 2016 , 223-229		1
22	Cerebellar Transcranial Direct Current Stimulation (ctDCS) Effect in Perception and Modulation of Pain 2020 ,		1
21	Interhemispheric Connectivity in Idiopathic Cervical Dystonia and Spinocerebellar Ataxias: A Transcranial Magnetic Stimulation Study. <i>Clinical EEG and Neuroscience</i> , 2020 , 1550059420957487	2-3	1
20	Direct current stimulation enhances neuronal alpha-synuclein degradation in vitro. <i>Scientific Reports</i> , 2021 , 11, 2197	4-9	1

19	Effects of Transcutaneous Spinal Direct Current Stimulation (tsDCS) in Patients With Chronic Pain: A Clinical and Neurophysiological Study. <i>Frontiers in Neurology</i> , 2021 , 12, 695910	4.1	1
18	Functional neuroimaging in Irritable Bowel Syndrome: a systematic review highlights common brain alterations with Functional Movement Disorders.. <i>Journal of Neurogastroenterology and Motility</i> , 2022 ,	4.4	1
17	Application of higher-order spectral analysis to local field potentials recorded in patients treated with deep brain stimulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 5549-52	0.9	0
16	Neurophysiological Bases and Mechanisms of Action of Transcranial Direct Current Stimulation (tDCS) 2020 , 19-29		0
15	Modelling of the Temperature Changes Induced by Transcutaneous Spinal Direct Current Stimulation (tsDCS). <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2021 , 5, 9-16	2.8	0
14	The Psychological Impact of COVID-19 among a Sample of Italian Adults with High-Functioning Autism Spectrum Disorder: A Follow-Up Study. <i>Healthcare (Switzerland)</i> , 2022 , 10, 782	3.4	0
13	Towards an update in the neurophysiological assessment of functional tremors. <i>Clinical Neurophysiology Practice</i> , 2019 , 4, 18-19	3.8	
12	Reply: Morality: incomplete without the cerebellum?. <i>Brain</i> , 2013 , 136, e245	11.2	
11	Sex, genes, hormones and nigral neurodegeneration: two different Parkinson's diseases in males and in females. <i>Future Neurology</i> , 2007 , 2, 499-503	1.5	
10	Caloric restriction modulates aging rate and sensitivity to oxygen free radical damage in rats. <i>Aging Clinical and Experimental Research</i> , 1991 , 3, 410-2	4.8	
9	Socio-demographic characteristics and psychopathological assessment in a sample of 13 paediatric patients with functional neurological disorders: A preliminary report. <i>Clinical Child Psychology and Psychiatry</i> , 2021 , 13591045211055084	2	
8	The Effect of Intranasal Oxytocin in Patients With Functional Motor Symptoms: A Preliminary Open-Label Case Series. <i>Journal of Clinical Psychopharmacology</i> , 2020 , 40, 416-418	1.7	
7	Nutritional assessment in patients with Parkinson's disease: The nutri-park study. <i>Nutrition and Healthy Aging</i> , 2020 , 5, 297-305	1.3	
6	An atypical presentation of diffuse midline pontine glioma in a middle age patient: Case report. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 293-295	2.2	
5	Cerebellar and Spinal tDCS 2021 , 243-249		
4	Historical Aspects of Transcranial Electric Stimulation 2021 , 3-19		
3	Intranasal Oxytocin and Social Interactions in 5 Patients With High-Functioning Autism Spectrum Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2021 , 41, 86-89	1.7	
2	A nationwide survey on clinical neurophysiology education in Italian schools of specialization in neurology. <i>Neurological Sciences</i> , 2021 , 1	3.5	

1 Local Field Potential and Deep Brain Stimulation (DBS) **2022**, 1801-1817