

Letizia Leocani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2072623/letizia-leocani-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

6,129
citations

41
h-index

71
g-index

208
ext. papers

7,976
ext. citations

5.1
avg, IF

5.7
L-index

#	Paper	IF	Citations
192	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014-2018). <i>Clinical Neurophysiology</i> , 2020 , 131, 474-528	4.3	411
191	Human corticospinal excitability evaluated with transcranial magnetic stimulation during different reaction time paradigms. <i>Brain</i> , 2000 , 123 (Pt 6), 1161-73	11.2	309
190	Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. <i>Lancet Neurology</i> , 2017 , 16, 797-812	24.1	243
189	Event-related coherence and event-related desynchronization/synchronization in the 10 Hz and 20 Hz EEG during self-paced movements. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1997 , 104, 199-206		236
188	Retinal thickness measured with optical coherence tomography and risk of disability worsening in multiple sclerosis: a cohort study. <i>Lancet Neurology</i> , 2016 , 15, 574-84	24.1	194
187	Task-related coherence and task-related spectral power changes during sequential finger movements. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1998 , 109, 50-62		188
186	Sustained activation of mTOR pathway in embryonic neural stem cells leads to development of tuberous sclerosis complex-associated lesions. <i>Cell Stem Cell</i> , 2011 , 9, 447-62	18	172
185	Physiopathology and treatment of fatigue in multiple sclerosis. <i>Journal of Neurology</i> , 2001 , 248, 174-9	5.5	137
184	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	4.3	130
183	Multimodal evoked potentials to assess the evolution of multiple sclerosis: a longitudinal study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 1030-5	5.5	114
182	Event-related desynchronization in reaction time paradigms: a comparison with event-related potentials and corticospinal excitability. <i>Clinical Neurophysiology</i> , 2001 , 112, 923-30	4.3	113
181	Fatigue in multiple sclerosis is associated with abnormal cortical activation to voluntary movement--EEG evidence. <i>NeuroImage</i> , 2001 , 13, 1186-92	7.9	110
180	Event-related desynchronization (ERD) in the alpha frequency during development of implicit and explicit learning. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997 , 102, 374-81		83
179	Safety and efficacy of transcranial direct current stimulation in acute experimental ischemic stroke. <i>Stroke</i> , 2013 , 44, 3166-74	6.7	80
178	Electroencephalographic coherence analysis in multiple sclerosis: correlation with clinical, neuropsychological, and MRI findings. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000 , 69, 192-8	5.5	77
177	Dementia care and COVID-19 pandemic: a necessary digital revolution. <i>Neurological Sciences</i> , 2020 , 41, 1977-1979	3.5	76
176	Brain transcranial direct current stimulation modulates motor excitability in mice. <i>European Journal of Neuroscience</i> , 2010 , 31, 704-9	3.5	76

175	Dysfunctional brain circuitry in obsessive-compulsive disorder: source and coherence analysis of EEG rhythms. <i>NeuroImage</i> , 2010 , 49, 977-83	7.9	76
174	dCas9-Based Scn1a Gene Activation Restores Inhibitory Interneuron Excitability and Attenuates Seizures in Dravet Syndrome Mice. <i>Molecular Therapy</i> , 2020 , 28, 235-253	11.7	74
173	Cas9/sgRNA selective targeting of the P23H Rhodopsin mutant allele for treating retinitis pigmentosa by intravitreal AAV9.PHP.B-based delivery. <i>Human Molecular Genetics</i> , 2018 , 27, 761-779	5.6	73
172	AAV-PHP.B-Mediated Global-Scale Expression in the Mouse Nervous System Enables GBA1 Gene Therapy for Wide Protection from Synucleinopathy. <i>Molecular Therapy</i> , 2017 , 25, 2727-2742	11.7	73
171	Effects of early treatment with glatiramer acetate in patients with clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1074-83	5	72
170	EEG coherence in pathological conditions. <i>Journal of Clinical Neurophysiology</i> , 1999 , 16, 548-55	2.2	71
169	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19992	7.6	70
168	Optical Coherence Tomography Reveals Retinal Neuroaxonal Thinning in Frontotemporal Dementia as in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 1101-1107	4.3	65
167	Functional and morphological changes of the retinal vessels in Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , 2019 , 9, 63	4.9	65
166	Disability through COVID-19 pandemic: neurorehabilitation cannot wait. <i>European Journal of Neurology</i> , 2020 , 27, e50-e51	6	60
165	Steady-state movement-related cortical potentials: a new approach to assessing cortical activity associated with fast repetitive finger movements. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997 , 102, 106-13		59
164	Physiopathology of fatigue in multiple sclerosis. <i>Neurological Sciences</i> , 2008 , 29 Suppl 2, S241-3	3.5	57
163	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. <i>Brain</i> , 2012 , 135, 3320-35	11.2	56
162	Event-related desynchronization to contingent negative variation and self-paced movement paradigms in Parkinson's disease. <i>Movement Disorders</i> , 1998 , 13, 653-60	7	53
161	Optimal intereye difference thresholds by optical coherence tomography in multiple sclerosis: An international study. <i>Annals of Neurology</i> , 2019 , 85, 618-629	9.4	51
160	A new role for evoked potentials in MS? Repurposing evoked potentials as biomarkers for clinical trials in MS. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 1309-1319	5	47
159	Optical coherence tomography and visual evoked potentials: which is more sensitive in multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1342-7	5	47
158	Action observation and motor imagery in performance of complex movements: evidence from EEG and kinematics analysis. <i>Behavioural Brain Research</i> , 2015 , 281, 290-300	3.4	44

157	Measuring evoked responses in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1999 , 5, 263-7	5	43
156	Assessing disability and relapses in multiple sclerosis on tele-neurology. <i>Neurological Sciences</i> , 2020 , 41, 1369-1371	3.5	43
155	Impaired short-term motor learning in multiple sclerosis: evidence from virtual reality. <i>Neurorehabilitation and Neural Repair</i> , 2007 , 21, 273-8	4.7	42
154	Cyclic modulation of the H-reflex in a wrist flexor during rhythmic flexion-extension movements of the ipsilateral foot. <i>Experimental Brain Research</i> , 1998 , 118, 427-30	2.3	41
153	e-Health and multiple sclerosis: An update. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1657-1664	5	41
152	Review neuroimaging in amyotrophic lateral sclerosis. <i>European Journal of Neurology</i> , 1999 , 6, 629-37	6	40
151	A multiparametric MRI study of frontal lobe dementia in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1999 , 171, 135-44	3.2	40
150	Interhemispheric balance in Parkinson's disease: a transcranial magnetic stimulation study. <i>Brain Stimulation</i> , 2013 , 6, 892-7	5.1	38
149	Quantitative EEG and LORETA: valuable tools in discerning FTD from AD?. <i>Neurobiology of Aging</i> , 2012 , 33, 2343-56	5.6	37
148	Sativex (®) and clinical-neurophysiological measures of spasticity in progressive multiple sclerosis. <i>Journal of Neurology</i> , 2015 , 262, 2520-7	5.5	36
147	Safety and efficacy of nabiximols on spasticity symptoms in patients with motor neuron disease (CANALS): a multicentre, double-blind, randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , 2019 , 18, 155-164	24.1	36
146	Flash visual evoked potentials in mice can be modulated by transcranial direct current stimulation. <i>Neuroscience</i> , 2011 , 185, 161-5	3.9	35
145	Abnormal pattern of cortical activation associated with voluntary movement in obsessive-compulsive disorder: an EEG study. <i>American Journal of Psychiatry</i> , 2001 , 158, 140-2	11.9	35
144	Behavioural and EEG effects of chronic rapamycin treatment in a mouse model of tuberous sclerosis complex. <i>Neuropharmacology</i> , 2013 , 67, 1-7	5.5	34
143	Visual evoked potentials may be recorded simultaneously with fMRI scanning: A validation study. <i>Human Brain Mapping</i> , 2005 , 24, 291-8	5.9	34
142	Telemedicine and the challenge of epilepsy management at the time of COVID-19 pandemic. <i>Epilepsy and Behavior</i> , 2020 , 110, 107164	3.2	33
141	Neurophysiological investigations in multiple sclerosis. <i>Current Opinion in Neurology</i> , 2000 , 13, 255-61	7.1	33
140	Noninvasive Neuromodulation in Poststroke Gait Disorders: Rationale, Feasibility, and State of the Art. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 71-82	4.7	32

139	Deep repetitive transcranial magnetic stimulation with H-coil on lower limb motor function in chronic stroke: a pilot study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 1141-7	2.8	32
138	Timing of mTOR activation affects tuberous sclerosis complex neuropathology in mouse models. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 1185-97	4.1	32
137	Fifteen Years of Wireless Sensors for Balance Assessment in Neurological Disorders. <i>Sensors</i> , 2020 , 20,	3.8	31
136	Real-time assessment of COVID-19 prevalence among multiple sclerosis patients: a multicenter European study. <i>Neurological Sciences</i> , 2020 , 41, 1647-1650	3.5	31
135	Computational classifiers for predicting the short-term course of Multiple sclerosis. <i>BMC Neurology</i> , 2011 , 11, 67	3.1	31
134	Telemedicine in Parkinson's Disease: How to Ensure Patient Needs and Continuity of Care at the Time of COVID-19 Pandemic. <i>Telemedicine Journal and E-Health</i> , 2020 , 26, 1533-1536	5.9	30
133	Prognostic value of serum neurofilaments in patients with clinically isolated syndromes. <i>Neurology</i> , 2019 , 92, e733-e741	6.5	30
132	Efficacy and safety of nabiximols (Sativex®) on multiple sclerosis spasticity in a real-life Italian monocentric study. <i>Neurological Sciences</i> , 2016 , 37, 235-42	3.5	28
131	Assessment of Opicinumab in Acute Optic Neuritis Using Multifocal Visual Evoked Potential. <i>CNS Drugs</i> , 2018 , 32, 1159-1171	6.7	28
130	Excitatory deep repetitive transcranial magnetic stimulation with H-coil as add-on treatment of motor symptoms in Parkinson's disease: an open label, pilot study. <i>Brain Stimulation</i> , 2014 , 7, 297-300	5.1	27
129	No evidence of disease activity is associated with reduced rate of axonal retinal atrophy in MS. <i>Neurology</i> , 2017 , 89, 2469-2475	6.5	27
128	Age-related changes in motor cortical representation and interhemispheric interactions: a transcranial magnetic stimulation study. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 209	5.3	27
127	Somatosensory evoked potentials and sensory involvement in multiple sclerosis: comparison with clinical findings and quantitative sensory tests. <i>Multiple Sclerosis Journal</i> , 2003 , 9, 275-9	5	27
126	Alterations in the brain adenosine metabolism cause behavioral and neurological impairment in ADA-deficient mice and patients. <i>Scientific Reports</i> , 2017 , 7, 40136	4.9	27
125	MRI and neurophysiological measures to predict course, disability and treatment response in multiple sclerosis. <i>Current Opinion in Neurology</i> , 2016 , 29, 243-53	7.1	27
124	Telemedicine for management of patients with amyotrophic lateral sclerosis through COVID-19 tail. <i>Neurological Sciences</i> , 2021 , 42, 9-13	3.5	26
123	Mapping early changes of cortical motor output after subcortical stroke: a transcranial magnetic stimulation study. <i>Brain Stimulation</i> , 2013 , 6, 322-9	5.1	25
122	Acute effects of L-dopa on event-related desynchronization in Parkinson's disease. <i>Neurological Sciences</i> , 2002 , 23, 91-7	3.5	25

121	Neurophysiological and cognitive markers of disease evolution in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1998 , 4, 260-5	5	23
120	Fluid biomarker and electrophysiological outcome measures for progressive MS trials. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 1600-1613	5	22
119	Retinal inner nuclear layer volume reflects inflammatory disease activity in multiple sclerosis; a longitudinal OCT study. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055-2173	2.1	22
118	Subclinical neurodegeneration in multiple sclerosis and neuromyelitis optica spectrum disorder revealed by optical coherence tomography. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1197-1206	5	21
117	Involvement of cortico-subcortical circuits in normoacoustic chronic tinnitus: A source localization EEG study. <i>Clinical Neurophysiology</i> , 2015 , 126, 2356-65	4.3	20
116	Response competition and response inhibition during different choice-discrimination tasks: evidence from ERP measured inside MRI scanner. <i>International Journal of Psychophysiology</i> , 2013 , 89, 37-47	2.9	20
115	Cortical activation to voluntary movement in amyotrophic lateral sclerosis is related to corticospinal damage: electrophysiological evidence. <i>Clinical Neurophysiology</i> , 2012 , 123, 1586-92	4.3	20
114	Action-related semantic content and negation polarity modulate motor areas during sentence reading: an event-related desynchronization study. <i>Brain Research</i> , 2012 , 1484, 39-49	3.7	20
113	Cortical control of unilateral simple movement in healthy aging. <i>Neurobiology of Aging</i> , 2011 , 32, 524-38	5.6	20
112	In vivo structural and functional assessment of optic nerve damage in neuromyelitis optica spectrum disorders and multiple sclerosis. <i>Scientific Reports</i> , 2019 , 9, 10371	4.9	19
111	Severe Intellectual Disability and Enhanced Gamma-Aminobutyric Acidergic Synaptogenesis in a Novel Model of Rare RASopathies. <i>Biological Psychiatry</i> , 2017 , 81, 179-192	7.9	19
110	Movement-related event-related desynchronization in neuropsychiatric disorders. <i>Progress in Brain Research</i> , 2006 , 159, 351-66	2.9	19
109	Movement preparation is affected by tissue damage in multiple sclerosis: evidence from EEG event-related desynchronization. <i>Clinical Neurophysiology</i> , 2005 , 116, 1515-9	4.3	19
108	APOSTEL 2.0 Recommendations for Reporting Quantitative Optical Coherence Tomography Studies. <i>Neurology</i> , 2021 , 97, 68-79	6.5	19
107	Visual Evoked Potentials as a Biomarker in Multiple Sclerosis and Associated Optic Neuritis. <i>Journal of Neuro-Ophthalmology</i> , 2018 , 38, 350-357	2.6	19
106	Sporadic failure of botulinum toxin treatment in usually responsive patients with adductor spasmodic dysphonia. <i>Neurological Sciences</i> , 2001 , 22, 303-6	3.5	18
105	Loss of Either Rac1 or Rac3 GTPase Differentially Affects the Behavior of Mutant Mice and the Development of Functional GABAergic Networks. <i>Cerebral Cortex</i> , 2016 , 26, 873-890	5.1	17
104	Excitatory deep transcranial magnetic stimulation with H-coil over the right homologous Broca's region improves naming in chronic post-stroke aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 291-8	4.7	17

103	Cognitive impairment and EEG background activity in adults with Down's syndrome: a topographic study. <i>Human Brain Mapping</i> , 2011 , 32, 716-29	5.9	17
102	Assessment of the damage of the cerebral hemispheres in MS using neuroimaging techniques. <i>Journal of the Neurological Sciences</i> , 2000 , 172 Suppl 1, S63-6	3.2	17
101	Multiple biomarkers improve the prediction of multiple sclerosis in clinically isolated syndromes. <i>Acta Neurologica Scandinavica</i> , 2017 , 136, 454-461	3.8	15
100	Time-Dependent Nerve Growth Factor Signaling Changes in the Rat Retina During Optic Nerve Crush-Induced Degeneration of Retinal Ganglion Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
99	Sensory tricks and brain excitability in cervical dystonia: a transcranial magnetic stimulation study. <i>Movement Disorders</i> , 2014 , 29, 1185-8	7	15
98	Clinical neurophysiology of multiple sclerosis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014 , 122, 671-9	3	15
97	Neurophysiological correlates of cognitive disturbances in multiple sclerosis. <i>Neurological Sciences</i> , 2010 , 31, S249-53	3.5	15
96	EEG coherence in alzheimer and multi-infarct dementia. <i>Archives of Gerontology and Geriatrics</i> , 1998 , 26, 91-98	4	15
95	Motor Cortical Plasticity to Training Started in Childhood: The Example of Piano Players. <i>PLoS ONE</i> , 2016 , 11, e0157952	3.7	15
94	Serum phosphorylated neurofilament heavy-chain levels reflect phenotypic heterogeneity and are an independent predictor of survival in motor neuron disease. <i>Journal of Neurology</i> , 2020 , 267, 2272-2280	5.5	15
93	Stroke and digital technology: a wake-up call from COVID-19 pandemic. <i>Neurological Sciences</i> , 2021 , 42, 805-809	3.5	15
92	Predictors of response to opicinumab in acute optic neuritis. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 1154-1162	5.3	15
91	Beyond rehabilitation in MS: Insights from non-invasive brain stimulation. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 1363-1371	5	14
90	Evoked potentials in monitoring multiple sclerosis. <i>Neurological Sciences</i> , 2000 , 21, S889-91	3.5	14
89	Afferent excitation of human motor cortex as revealed by enhancement of direct cortico-spinal actions on motoneurons. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1995 , 97, 394-401		14
88	Temporal evolution of neurophysiological and behavioral features of synapsin I/II/III triple knock-out mice. <i>Epilepsy Research</i> , 2013 , 103, 153-60	3	13
87	The CSF p-tau181/A β 2 Ratio Offers a Good Accuracy "In Vivo" in the Differential Diagnosis of Alzheimer's Dementia. <i>Current Alzheimer Research</i> , 2019 , 16, 587-595	3	13
86	The Use of Social Media and Digital Devices Among Italian Neurologists. <i>Frontiers in Neurology</i> , 2020 , 11, 583	4.1	12

85	How does a surgeon's brain buzz? An EEG coherence study on the interaction between humans and robot. <i>Behavioral and Brain Functions</i> , 2013 , 9, 14	4.1	12
84	The Neurophysiologist Perspective into MS Plasticity. <i>Frontiers in Neurology</i> , 2015 , 6, 193	4.1	12
83	Compensatory movement-related recruitment in amyotrophic lateral sclerosis patients with dominant upper motor neuron signs: an EEG source analysis study. <i>Brain Research</i> , 2011 , 1425, 37-46	3.7	12
82	Neurophysiological markers. <i>Neurological Sciences</i> , 2008 , 29 Suppl 2, S218-21	3.5	12
81	E-health and multiple sclerosis. <i>Current Opinion in Neurology</i> , 2020 , 33, 271-276	7.1	11
80	Clinical and MRI assessment of brain damage in MS. <i>Neurological Sciences</i> , 2001 , 22 Suppl 2, S123-7	3.5	11
79	Intensive Care Admission and Early Neuro-Rehabilitation. Lessons for COVID-19?. <i>Frontiers in Neurology</i> , 2020 , 11, 880	4.1	11
78	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021 , 132, 819-837	4.3	10
77	Progressive visual function impairment as the predominant symptom of the transition phase to secondary progressive multiple sclerosis: A case report. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 24, 69-71	4	10
76	Semi-invasive and non-invasive recording of visual evoked potentials in mice. <i>Documenta Ophthalmologica</i> , 2019 , 138, 169-179	2.2	9
75	Striatal hand in Parkinson's disease: the re-evaluation of an old clinical sign. <i>Journal of Neurology</i> , 2014 , 261, 117-20	5.5	9
74	Changes in brain glucose metabolism in subthalamic nucleus deep brain stimulation for advanced Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012 , 18, 770-4	3.6	9
73	Treatment of Wernicke's encephalopathy with high dose of thiamine in a patient with pyloric sub-stenosis: description of a case. <i>Neurological Sciences</i> , 2010 , 31, 859-61	3.5	9
72	Motor area localization using fMRI-constrained cortical current density reconstruction of movement-related cortical potentials, a comparison with fMRI and TMS mapping. <i>Brain Research</i> , 2010 , 1308, 68-78	3.7	9
71	Cortical function abnormalities in migraine: neurophysiological and neuropsychological evidence from reaction times and event-related potentials to the Stroop test. <i>Neurological Sciences</i> , 2004 , 25 Suppl 3, S285-7	3.5	9
70	Neurophysiological imaging techniques in dementia. <i>Neurological Sciences</i> , 1999 , 20, S265-9	3.5	9
69	Persistence of congenital mirror movements after hemiplegic stroke. <i>American Journal of Neuroradiology</i> , 2005 , 26, 831-4	4.4	9
68	Italian consensus on treatment of spasticity in multiple sclerosis. <i>European Journal of Neurology</i> , 2020 , 27, 445-453	6	9

67	Myasthenia gravis and telemedicine: a lesson from COVID-19 pandemic. <i>Neurological Sciences</i> , 2021 , 42, 4889-4892	3.5	9
66	Different Frontal Involvement in ALS and PLS Revealed by Stroop Event-Related Potentials and Reaction Times. <i>Frontiers in Aging Neuroscience</i> , 2013 , 5, 82	5.3	8
65	Fourth meeting of the European Neurological Society 25-29 June 1994 Barcelona, Spain. <i>Journal of Neurology</i> , 1994 , 241, 1-164	5.5	8
64	Advances in physical rehabilitation of multiple sclerosis. <i>Current Opinion in Neurology</i> , 2020 , 33, 255-261	7.1	8
63	Walking-related digital mobility outcomes as clinical trial endpoint measures: protocol for a scoping review. <i>BMJ Open</i> , 2020 , 10, e038704	3	8
62	Visual evoked potentials can be reliably recorded using noninvasive epidermal electrodes in the anesthetized rat. <i>Documenta Ophthalmologica</i> , 2018 , 136, 165-175	2.2	7
61	Deep magnetic stimulation in a progressive supranuclear palsy patient with speech involvement. <i>Journal of Neurology</i> , 2013 , 260, 670-3	5.5	7
60	Electrophysiological studies of brain plasticity of the motor system. <i>Neurological Sciences</i> , 2006 , 27 Suppl 1, S27-9	3.5	7
59	Upper limb motor evoked potentials as outcome measure in progressive multiple sclerosis. <i>Clinical Neurophysiology</i> , 2020 , 131, 401-405	4.3	7
58	How to manage with telemedicine people with neuromuscular diseases?. <i>Neurological Sciences</i> , 2021 , 42, 3553-3559	3.5	7
57	Cortical Motor Circuits after Piano Training in Adulthood: Neurophysiologic Evidence. <i>PLoS ONE</i> , 2016 , 11, e0157526	3.7	7
56	Evoked potentials in diagnosis and monitoring of multiple sclerosis. <i>Electroencephalography and Clinical Neurophysiology Supplement</i> , 1999 , 49, 13-8		7
55	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. <i>Npj Digital Medicine</i> , 2021 , 4, 149	15.7	6
54	Apparatus design and behavioural testing protocol for the evaluation of spatial working memory in mice through the spontaneous alternation T-maze. <i>Scientific Reports</i> , 2021 , 11, 21177	4.9	6
53	Non-invasive visual evoked potentials to assess optic nerve involvement in the dark agouti rat model of experimental autoimmune encephalomyelitis induced by myelin oligodendrocyte glycoprotein. <i>Brain Pathology</i> , 2020 , 30, 137-150	6	6
52	Facing the urgency of therapies for progressive MS - a Progressive MS Alliance proposal. <i>Nature Reviews Neurology</i> , 2021 , 17, 185-192	15	6
51	Multicentre assessment of motor and sensory evoked potentials in multiple sclerosis: reliability and implications for clinical trials. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055217319844796	2	5
50	Distributed abnormalities of brain white matter architecture in patients with dominant optic atrophy and OPA1 mutations. <i>Journal of Neurology</i> , 2015 , 262, 1216-27	5.5	5

49	Cohort profile: a collaborative multicentre study of retinal optical coherence tomography in 539 patients with neuromyelitis optica spectrum disorders (CROCTINO). <i>BMJ Open</i> , 2020 , 10, e035397	3	5
48	Intravenous immunoglobulin treatment in multifocal motor neuropathy and other chronic immune-mediated neuropathies. <i>Multiple Sclerosis Journal</i> , 1997 , 3, 93-7	5	5
47	Demyelination and cortical reorganization: functional MRI data from a case of subacute combined degeneration. <i>NeuroImage</i> , 2003 , 18, 558-63	7.9	5
46	Digital work engagement among Italian neurologists. <i>Therapeutic Advances in Chronic Disease</i> , 2021 , 12, 20406223211029616	4.9	5
45	Bilateral Repetitive Transcranial Magnetic Stimulation With the H-Coil in Parkinson's Disease: A Randomized, Sham-Controlled Study. <i>Frontiers in Neurology</i> , 2020 , 11, 584713	4.1	5
44	Retinal Optical Coherence Tomography in Neuromyelitis Optica. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	5
43	Deep rTMS with H-Coil Associated with Rehabilitation Enhances Improvement of Walking Abilities in Patients with Progressive Multiple Sclerosis: Randomized, Controlled, Double Blind Study (S49.007). <i>Neurology</i> , 2012 , 78, S49.007-S49.007	6.5	4
42	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19 (Preprint)		4
41	Neuro-Retina Might Reflect Alzheimer's Disease Stage. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1455-1468	4.9	4
40	Optic nerve involvement in experimental autoimmune encephalomyelitis to homologous spinal cord homogenate immunization in the dark agouti rat. <i>Journal of Neuroimmunology</i> , 2018 , 325, 1-9	3.5	4
39	Optical Coherence Tomography and Visual Evoked Potentials as Prognostic and Monitoring Tools in Progressive Multiple Sclerosis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 692599	5.1	4
38	Can evoked potentials be useful in monitoring multiple sclerosis evolution?. <i>Electroencephalography and Clinical Neurophysiology Supplement</i> , 1999 , 50, 349-57		4
37	Bi-hemispheric repetitive transcranial magnetic stimulation for upper limb motor recovery in chronic stroke: A feasibility study. <i>Brain Stimulation</i> , 2018 , 11, 932-934	5.1	3
36	Can pharmacological manipulation of LTP favor the effects of motor rehabilitation in multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 902-907	5	3
35	Neuromyelitis optica spectrum disorder and multiple sclerosis in a Sardinian family. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 25, 73-76	4	3
34	Neuromyotonia, systemic lupus erythematosus and acetylcholine-receptor antibodies. <i>Journal of Neurology</i> , 1998 , 245, 182-5	5.5	3
33	Case Report: Off-Label Liraglutide Use in Children With Wolfram Syndrome Type 1: Extensive Characterization of Four Patients.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 755365	3.4	3
32	Neurophysiological and cognitive markers of disease evolution in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1998 , 4, 260-265	5	3

31	Subclinical anterior optic pathway involvement in early multiple sclerosis and clinically isolated syndromes. <i>Brain</i> , 2021 , 144, 848-862	11.2	3
30	Artificial intelligence extension of the OSCAR-IB criteria. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1528-1542	5.3	3
29	Repetitive Transcranial Magnetic Stimulation With H-Coil in Alzheimer's Disease: A Double-Blind, Placebo-Controlled Pilot Study. <i>Frontiers in Neurology</i> , 2020 , 11, 614351	4.1	3
28	Electrophysiological investigations in multiple sclerosis dementia. <i>Electroencephalography and Clinical Neurophysiology Supplement</i> , 1999 , 50, 480-5		3
27	Stroop event-related potentials as a bioelectrical correlate of frontal lobe dysfunction in multiple sclerosis. <i>Multiple Sclerosis and Demyelinating Disorders</i> , 2016 , 1,	0	2
26	Cortical response of the ventral attention network to unattended angry facial expressions: an EEG source analysis study. <i>Frontiers in Psychology</i> , 2014 , 5, 1498	3.4	2
25	Robot-assisted assessment of sensorimotor control: A case study 2009 ,		2
24	EEG correlates of cognitive impairment in MS. <i>Italian Journal of Neurological Sciences</i> , 1998 , 19, S413-S417		2
23	Electrophysiological correlates of dementia. <i>Supplements To Clinical Neurophysiology</i> , 2000 , 53, 331-6		2
22	Fitbeat: COVID-19 estimation based on wristband heart rate using a contrastive convolutional auto-encoder. <i>Pattern Recognition</i> , 2022 , 123, 108403	7.7	2
21	Repetitive Transcranial Magnetic Stimulation With H-Coil Coupled With Cycling for Improving Lower Limb Motor Function After Stroke: An Exploratory Study. <i>Neuromodulation</i> , 2021 , 24, 916-922	3.1	2
20	Changes in cortical motor outputs after a motor relapse of multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055217319866480	2	1
19	How to assess active contact coordinates in deep brain stimulation surgery? Comparison of three methods for determining the position of the active contact. <i>Stereotactic and Functional Neurosurgery</i> , 2010 , 88, 67-74	1.6	1
18	Probing the Control Processes of the Motor System. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010 , 59, 2488-2495	5.2	1
17	Chapter 26 Multiple sclerosis and other demyelinating disorders. <i>Handbook of Clinical Neurophysiology</i> , 2005 , 5, 491-516		1
16	Telemedicine application to headache: a critical review.. <i>Neurological Sciences</i> , 2022 , 1	3.5	1
15	A new electrophysiological non-invasive method to assess retinocortical conduction time in the Dark Agouti rat through the simultaneous recording of electroretinogram and visual evoked potential. <i>Documenta Ophthalmologica</i> , 2020 , 140, 245-255	2.2	1
14	Functional evolution of visual involvement in experimental autoimmune encephalomyelitis.. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020 , 6, 2055217320963474	2	1

13	Two-year macular volume assessment in multiple sclerosis patients treated with fingolimod. <i>Neurological Sciences</i> , 2021 , 42, 731-733	3.5	1
12	CSF extracellular vesicles and risk of disease activity after a first demyelinating event. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1606-1610	5	1
11	The 4-Hole-Board Test for Assessment of Long-Term Spatial Memory in Mice. <i>Current Protocols</i> , 2021 , 1, e228		1
10	Non-invasive visual evoked potentials under sevoflurane ketamine-xylazine in rats. <i>Heliyon</i> , 2021 , 7, e08360	3.6	0
9	Intracortical motor conduction is associated with hand dexterity in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1222-1229	5	0
8	The agenda of the global patient reported outcomes for multiple sclerosis (PROMS) initiative: Progresses and open questions.. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 61, 103757	4	0
7	Visual Evoked Potentials to Monitor Myelin Cuprizone-Induced Functional Changes.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 820155	5.1	0
6	Electrophysiological assessment in multiple sclerosis112-119		
5	Neuroimaging in amyotrophic lateral sclerosis. <i>Handbook of Clinical Neurophysiology</i> , 2004 , 4, 187-200		
4	Chapter 63 Event related desynchronization/synchronization in Parkinson's disease. <i>Supplements To Clinical Neurophysiology</i> , 2002 , 54, 425-434		
3	Neurophysiology 2007 , 11-20		
2	Improving reproducibility of Motor Evoked Potentials in mice.. <i>Journal of Neuroscience Methods</i> , 2021 , 109444	3	
1	Neurophysiology 2002 , 25-33		