

# Letizia Leocani

## List of Publications by Year in Descending Order

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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	Telemedicine application to headache: a critical review.. <i>Neurological Sciences</i> , <b>2022</b> , 1	3.5	1
191	Fitbeat: COVID-19 estimation based on wristband heart rate using a contrastive convolutional auto-encoder. <i>Pattern Recognition</i> , <b>2022</b> , 123, 108403	7.7	2
190	The agenda of the global patient reported outcomes for multiple sclerosis (PROMS) initiative: Progresses and open questions.. <i>Multiple Sclerosis and Related Disorders</i> , <b>2022</b> , 61, 103757	4	0
189	Visual Evoked Potentials to Monitor Myelin Cuprizone-Induced Functional Changes.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 820155	5.1	0
188	Case Report: Off-Label Liraglutide Use in Children With Wolfram Syndrome Type 1: Extensive Characterization of Four Patients.. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 755365	3.4	3
187	Non-invasive visual evoked potentials under sevoflurane ketamine-xylazine in rats. <i>Heliyon</i> , <b>2021</b> , 7, e08360	3.6	0
186	Improving reproducibility of Motor Evoked Potentials in mice.. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 109444	3	0
185	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. <i>Npj Digital Medicine</i> , <b>2021</b> , 4, 149	15.7	6
184	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> , <b>2021</b> , 11, 21177	4.9	6
183	Repetitive Transcranial Magnetic Stimulation With H-Coil Coupled With Cycling for Improving Lower Limb Motor Function After Stroke: An Exploratory Study. <i>Neuromodulation</i> , <b>2021</b> , 24, 916-922	3.1	2
182	Intracortical motor conduction is associated with hand dexterity in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 27, 1222-1229	5	0
181	Subclinical anterior optic pathway involvement in early multiple sclerosis and clinically isolated syndromes. <i>Brain</i> , <b>2021</b> , 144, 848-862	11.2	3
180	APOSTEL 2.0 Recommendations for Reporting Quantitative Optical Coherence Tomography Studies. <i>Neurology</i> , <b>2021</b> , 97, 68-79	6.5	19
179	Artificial intelligence extension of the OSCAR-IB criteria. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 1528-1542	5.3	3
178	How to manage with telemedicine people with neuromuscular diseases?. <i>Neurological Sciences</i> , <b>2021</b> , 42, 3553-3559	3.5	7
177	Two-year macular volume assessment in multiple sclerosis patients treated with fingolimod. <i>Neurological Sciences</i> , <b>2021</b> , 42, 731-733	3.5	1
176	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 819-837	4.3	10

175	Telemedicine for management of patients with amyotrophic lateral sclerosis through COVID-19 tail. <i>Neurological Sciences</i> , <b>2021</b> , 42, 9-13	3.5	26
174	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> , <b>2021</b> , 132, 269-306	4.3	130
173	Digital work engagement among Italian neurologists. <i>Therapeutic Advances in Chronic Disease</i> , <b>2021</b> , 12, 20406223211029616	4.9	5
172	Stroke and digital technology: a wake-up call from COVID-19 pandemic. <i>Neurological Sciences</i> , <b>2021</b> , 42, 805-809	3.5	15
171	CSF extracellular vesicles and risk of disease activity after a first demyelinating event. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 27, 1606-1610	5	1
170	Myasthenia gravis and telemedicine: a lesson from COVID-19 pandemic. <i>Neurological Sciences</i> , <b>2021</b> , 42, 4889-4892	3.5	9
169	Optical Coherence Tomography and Visual Evoked Potentials as Prognostic and Monitoring Tools in Progressive Multiple Sclerosis. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 692599	5.1	4
168	The 4-Hole-Board Test for Assessment of Long-Term Spatial Memory in Mice. <i>Current Protocols</i> , <b>2021</b> , 1, e228		1
167	Retinal Optical Coherence Tomography in Neuromyelitis Optica. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2021</b> , 8,	9.1	5
166	Facing the urgency of therapies for progressive MS - a Progressive MS Alliance proposal. <i>Nature Reviews Neurology</i> , <b>2021</b> , 17, 185-192	15	6
165	Cohort profile: a collaborative multicentre study of retinal optical coherence tomography in 539 patients with neuromyelitis optica spectrum disorders (CROCTINO). <i>BMJ Open</i> , <b>2020</b> , 10, e035397	3	5
164	Telemedicine and the challenge of epilepsy management at the time of COVID-19 pandemic. <i>Epilepsy and Behavior</i> , <b>2020</b> , 110, 107164	3.2	33
163	E-health and multiple sclerosis. <i>Current Opinion in Neurology</i> , <b>2020</b> , 33, 271-276	7.1	11
162	Disability through COVID-19 pandemic: neurorehabilitation cannot wait. <i>European Journal of Neurology</i> , <b>2020</b> , 27, e50-e51	6	60
161	Fifteen Years of Wireless Sensors for Balance Assessment in Neurological Disorders. <i>Sensors</i> , <b>2020</b> , 20,	3.8	31
160	Dementia care and COVID-19 pandemic: a necessary digital revolution. <i>Neurological Sciences</i> , <b>2020</b> , 41, 1977-1979	3.5	76
159	The Use of Social Media and Digital Devices Among Italian Neurologists. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 583	4.1	12
158	Real-time assessment of COVID-19 prevalence among multiple sclerosis patients: a multicenter European study. <i>Neurological Sciences</i> , <b>2020</b> , 41, 1647-1650	3.5	31

157	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e19992	7.6	70
156	Assessing disability and relapses in multiple sclerosis on tele-neurology. <i>Neurological Sciences</i> , <b>2020</b> , 41, 1369-1371	3.5	43
155	Advances in physical rehabilitation of multiple sclerosis. <i>Current Opinion in Neurology</i> , <b>2020</b> , 33, 255-261	7.1	8
154	Italian consensus on treatment of spasticity in multiple sclerosis. <i>European Journal of Neurology</i> , <b>2020</b> , 27, 445-453	6	9
153	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014-2018). <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 474-528	4.3	411
152	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> , <b>2020</b> , 140, 245-255	2.2	1
151	Upper limb motor evoked potentials as outcome measure in progressive multiple sclerosis. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 401-405	4.3	7
150	Walking-related digital mobility outcomes as clinical trial endpoint measures: protocol for a scoping review. <i>BMJ Open</i> , <b>2020</b> , 10, e038704	3	8
149	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> , <b>2020</b> , 26, 1533-1536	5.9	30
148	Neuro-Retina Might Reflect Alzheimer's Disease Stage. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 77, 1455-1468	4.8	4
147	Intensive Care Admission and Early Neuro-Rehabilitation. Lessons for COVID-19?. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 880	4.1	11
146	Functional evolution of visual involvement in experimental autoimmune encephalomyelitis.. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , <b>2020</b> , 6, 2055217320963474	2	1
145	dCas9-Based Scn1a Gene Activation Restores Inhibitory Interneuron Excitability and Attenuates Seizures in Dravet Syndrome Mice. <i>Molecular Therapy</i> , <b>2020</b> , 28, 235-253	11.7	74
144	Subclinical neurodegeneration in multiple sclerosis and neuromyelitis optica spectrum disorder revealed by optical coherence tomography. <i>Multiple Sclerosis Journal</i> , <b>2020</b> , 26, 1197-1206	5	21
143	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> , <b>2020</b> , 30, 137-150	6	6
142	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> , <b>2020</b> , 267, 2272-2280	5.5	15
141	Bilateral Repetitive Transcranial Magnetic Stimulation With the H-Coil in Parkinson's Disease: A Randomized, Sham-Controlled Study. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 584713	4.1	5
140	Repetitive Transcranial Magnetic Stimulation With H-Coil in Alzheimer's Disease: A Double-Blind, Placebo-Controlled Pilot Study. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 614351	4.1	3

139	Beyond rehabilitation in MS: Insights from non-invasive brain stimulation. <i>Multiple Sclerosis Journal</i> , <b>2019</b> , 25, 1363-1371	5	14
138	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> , <b>2019</b> , 5, 2055217319871582	2.2	9
137	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> , <b>2019</b> , 5, 2055217319844796	2	5
136	Optimal intereye difference thresholds by optical coherence tomography in multiple sclerosis: An international study. <i>Annals of Neurology</i> , <b>2019</b> , 85, 618-629	9.4	51
135	Semi-invasive and non-invasive recording of visual evoked potentials in mice. <i>Documenta Ophthalmologica</i> , <b>2019</b> , 138, 169-179	2.2	9
134	In vivo structural and functional assessment of optic nerve damage in neuromyelitis optica spectrum disorders and multiple sclerosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 10371	4.9	19
133	Changes in cortical motor outputs after a motor relapse of multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , <b>2019</b> , 5, 2055217319866480	2	1
132	The CSF p-tau181/A $\beta$ 2 Ratio Offers a Good Accuracy "In Vivo" in the Differential Diagnosis of Alzheimer's Dementia. <i>Current Alzheimer Research</i> , <b>2019</b> , 16, 587-595	3	13
131	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> , <b>2019</b> , 18, 155-164	24.1	36
130	Functional and morphological changes of the retinal vessels in Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , <b>2019</b> , 9, 63	4.9	65
129	Prognostic value of serum neurofilaments in patients with clinically isolated syndromes. <i>Neurology</i> , <b>2019</b> , 92, e733-e741	6.5	30
128	Visual evoked potentials can be reliably recorded using noninvasive epidermal electrodes in the anesthetized rat. <i>Documenta Ophthalmologica</i> , <b>2018</b> , 136, 165-175	2.2	7
127	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> , <b>2018</b> , 27, 761-779	5.6	73
126	Bi-hemispheric repetitive transcranial magnetic stimulation for upper limb motor recovery in chronic stroke: A feasibility study. <i>Brain Stimulation</i> , <b>2018</b> , 11, 932-934	5.1	3
125	Can pharmacological manipulation of LTP favor the effects of motor rehabilitation in multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 902-907	5	3
124	Neuromyelitis optica spectrum disorder and multiple sclerosis in a Sardinian family. <i>Multiple Sclerosis and Related Disorders</i> , <b>2018</b> , 25, 73-76	4	3
123	Assessment of Opicinumab in Acute Optic Neuritis Using Multifocal Visual Evoked Potential. <i>CNS Drugs</i> , <b>2018</b> , 32, 1159-1171	6.7	28
122	Visual Evoked Potentials as a Biomarker in Multiple Sclerosis and Associated Optic Neuritis. <i>Journal of Neuro-Ophthalmology</i> , <b>2018</b> , 38, 350-357	2.6	19

121	Optic nerve involvement in experimental autoimmune encephalomyelitis to homologous spinal cord homogenate immunization in the dark agouti rat. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 325, 1-9	3.5	4
120	e-Health and multiple sclerosis: An update. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 1657-1664	5	41
119	Predictors of response to opicinumab in acute optic neuritis. <i>Annals of Clinical and Translational Neurology</i> , <b>2018</b> , 5, 1154-1162	5.3	15
118	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> , <b>2018</b> , 24, 69-71	4	10
117	A new role for evoked potentials in MS? Repurposing evoked potentials as biomarkers for clinical trials in MS. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1309-1319	5	47
116	Optical Coherence Tomography Reveals Retinal Neuroaxonal Thinning in Frontotemporal Dementia as in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 56, 1101-1107	4.3	65
115	Multiple biomarkers improve the prediction of multiple sclerosis in clinically isolated syndromes. <i>Acta Neurologica Scandinavica</i> , <b>2017</b> , 136, 454-461	3.8	15
114	Fluid biomarker and electrophysiological outcome measures for progressive MS trials. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1600-1613	5	22
113	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> , <b>2017</b> , 18,	6.3	15
112	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> , <b>2017</b> , 25, 2727-2742	11.7	73
111	Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. <i>Lancet Neurology</i> , <b>2017</b> , 16, 797-812	24.1	243
110	No evidence of disease activity is associated with reduced rate of axonal retinal atrophy in MS. <i>Neurology</i> , <b>2017</b> , 89, 2469-2475	6.5	27
109	Severe Intellectual Disability and Enhanced Gamma-Aminobutyric Acidergic Synaptogenesis in a Novel Model of Rare RASopathies. <i>Biological Psychiatry</i> , <b>2017</b> , 81, 179-192	7.9	19
108	Alterations in the brain adenosine metabolism cause behavioral and neurological impairment in ADA-deficient mice and patients. <i>Scientific Reports</i> , <b>2017</b> , 7, 40136	4.9	27
107	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> , <b>2016</b> , 26, 873-890	5.1	17
106	Stroop event-related potentials as a bioelectrical correlate of frontal lobe dysfunction in multiple sclerosis. <i>Multiple Sclerosis and Demyelinating Disorders</i> , <b>2016</b> , 1,	0	2
105	Noninvasive Neuromodulation in Poststroke Gait Disorders: Rationale, Feasibility, and State of the Art. <i>Neurorehabilitation and Neural Repair</i> , <b>2016</b> , 30, 71-82	4.7	32
104	Retinal thickness measured with optical coherence tomography and risk of disability worsening in multiple sclerosis: a cohort study. <i>Lancet Neurology</i> , <b>2016</b> , 15, 574-84	24.1	194

103	Efficacy and safety of nabiximols (Sativex(®)) on multiple sclerosis spasticity in a real-life Italian monocentric study. <i>Neurological Sciences</i> , <b>2016</b> , 37, 235-42	3.5	28
102	Cortical Motor Circuits after Piano Training in Adulthood: Neurophysiologic Evidence. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157526	3.7	7
101	Motor Cortical Plasticity to Training Started in Childhood: The Example of Piano Players. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157952	3.7	15
100	MRI and neurophysiological measures to predict course, disability and treatment response in multiple sclerosis. <i>Current Opinion in Neurology</i> , <b>2016</b> , 29, 243-53	7.1	27
99	Distributed abnormalities of brain white matter architecture in patients with dominant optic atrophy and OPA1 mutations. <i>Journal of Neurology</i> , <b>2015</b> , 262, 1216-27	5.5	5
98	Involvement of cortico-subcortical circuits in normoacoustic chronic tinnitus: A source localization EEG study. <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 2356-65	4.3	20
97	Sativex(®) and clinical-neurophysiological measures of spasticity in progressive multiple sclerosis. <i>Journal of Neurology</i> , <b>2015</b> , 262, 2520-7	5.5	36
96	Action observation and motor imagery in performance of complex movements: evidence from EEG and kinematics analysis. <i>Behavioural Brain Research</i> , <b>2015</b> , 281, 290-300	3.4	44
95	The Neurophysiologist Perspective into MS Plasticity. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 193	4.1	12
94	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> , <b>2014</b> , 7, 297-300	5.1	27
93	Sensory tricks and brain excitability in cervical dystonia: a transcranial magnetic stimulation study. <i>Movement Disorders</i> , <b>2014</b> , 29, 1185-8	7	15
92	Clinical neurophysiology of multiple sclerosis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2014</b> , 122, 671-9	3	15
91	Cortical response of the ventral attention network to unattended angry facial expressions: an EEG source analysis study. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 1498	3.4	2
90	Age-related changes in motor cortical representation and interhemispheric interactions: a transcranial magnetic stimulation study. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 209	5.3	27
89	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> , <b>2014</b> , 28, 291-8	4.7	17
88	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> , <b>2014</b> , 95, 1141-7	2.8	32
87	Striatal hand in Parkinson's disease: the re-evaluation of an old clinical sign. <i>Journal of Neurology</i> , <b>2014</b> , 261, 117-20	5.5	9
86	Optical coherence tomography and visual evoked potentials: which is more sensitive in multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 1342-7	5	47

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> , <b>2013</b> , 9, 14	4.1	12
84	Deep magnetic stimulation in a progressive supranuclear palsy patient with speech involvement. <i>Journal of Neurology</i> , <b>2013</b> , 260, 670-3	5.5	7
83	Interhemispheric balance in Parkinson's disease: a transcranial magnetic stimulation study. <i>Brain Stimulation</i> , <b>2013</b> , 6, 892-7	5.1	38
82	Effects of early treatment with glatiramer acetate in patients with clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 1074-83	5	72
81	Temporal evolution of neurophysiological and behavioral features of synapsin I/II/III triple knock-out mice. <i>Epilepsy Research</i> , <b>2013</b> , 103, 153-60	3	13
80	Response competition and response inhibition during different choice-discrimination tasks: evidence from ERP measured inside MRI scanner. <i>International Journal of Psychophysiology</i> , <b>2013</b> , 89, 37-47	2.9	20
79	Behavioural and EEG effects of chronic rapamycin treatment in a mouse model of tuberous sclerosis complex. <i>Neuropharmacology</i> , <b>2013</b> , 67, 1-7	5.5	34
78	Mapping early changes of cortical motor output after subcortical stroke: a transcranial magnetic stimulation study. <i>Brain Stimulation</i> , <b>2013</b> , 6, 322-9	5.1	25
77	Timing of mTOR activation affects tuberous sclerosis complex neuropathology in mouse models. <i>DMM Disease Models and Mechanisms</i> , <b>2013</b> , 6, 1185-97	4.1	32
76	Safety and efficacy of transcranial direct current stimulation in acute experimental ischemic stroke. <i>Stroke</i> , <b>2013</b> , 44, 3166-74	6.7	80
75	Different Frontal Involvement in ALS and PLS Revealed by Stroop Event-Related Potentials and Reaction Times. <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 82	5.3	8
74	Quantitative EEG and LORETA: valuable tools in discerning FTD from AD?. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2343-56	5.6	37
73	Changes in brain glucose metabolism in subthalamic nucleus deep brain stimulation for advanced Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2012</b> , 18, 770-4	3.6	9
72	Cortical activation to voluntary movement in amyotrophic lateral sclerosis is related to corticospinal damage: electrophysiological evidence. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 1586-92	4.3	20
71	Action-related semantic content and negation polarity modulate motor areas during sentence reading: an event-related desynchronization study. <i>Brain Research</i> , <b>2012</b> , 1484, 39-49	3.7	20
70	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. <i>Brain</i> , <b>2012</b> , 135, 3320-35	11.2	56
69	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> , <b>2012</b> , 78, S49.007-S49.007	6.5	4
68	Sustained activation of mTOR pathway in embryonic neural stem cells leads to development of tuberous sclerosis complex-associated lesions. <i>Cell Stem Cell</i> , <b>2011</b> , 9, 447-62	18	172



67	Cortical control of unilateral simple movement in healthy aging. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 524-385.6	20
66	Flash visual evoked potentials in mice can be modulated by transcranial direct current stimulation. <i>Neuroscience</i> , <b>2011</b> , 185, 161-5	3.9 35
65	Compensatory movement-related recruitment in amyotrophic lateral sclerosis patients with dominant upper motor neuron signs: an EEG source analysis study. <i>Brain Research</i> , <b>2011</b> , 1425, 37-46	3.7 12
64	Computational classifiers for predicting the short-term course of Multiple sclerosis. <i>BMC Neurology</i> , <b>2011</b> , 11, 67	3.1 31
63	Cognitive impairment and EEG background activity in adults with Down's syndrome: a topographic study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 716-29	5.9 17
62	Brain transcranial direct current stimulation modulates motor excitability in mice. <i>European Journal of Neuroscience</i> , <b>2010</b> , 31, 704-9	3.5 76
61	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> , <b>2010</b> , 88, 67-74	1.6 1
60	Dysfunctional brain circuitry in obsessive-compulsive disorder: source and coherence analysis of EEG rhythms. <i>NeuroImage</i> , <b>2010</b> , 49, 977-83	7.9 76
59	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> , <b>2010</b> , 31, 859-61	3.5 9
58	Neurophysiological correlates of cognitive disturbances in multiple sclerosis. <i>Neurological Sciences</i> , <b>2010</b> , 31, S249-53	3.5 15
57	Probing the Control Processes of the Motor System. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2010</b> , 59, 2488-2495	5.2 1
56	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> , <b>2010</b> , 1308, 68-78	3.7 9
55	Robot-assisted assessment of sensorimotor control: A case study <b>2009</b> ,	2
54	Neurophysiological markers. <i>Neurological Sciences</i> , <b>2008</b> , 29 Suppl 2, S218-21	3.5 12
53	Physiopathology of fatigue in multiple sclerosis. <i>Neurological Sciences</i> , <b>2008</b> , 29 Suppl 2, S241-3	3.5 57
52	Impaired short-term motor learning in multiple sclerosis: evidence from virtual reality. <i>Neurorehabilitation and Neural Repair</i> , <b>2007</b> , 21, 273-8	4.7 42
51	Neurophysiology <b>2007</b> , 11-20	
50	Movement-related event-related desynchronization in neuropsychiatric disorders. <i>Progress in Brain Research</i> , <b>2006</b> , 159, 351-66	2.9 19

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