

Mariano Serrao

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

5,997
citations

70961

41
h-index

102304

66
g-index

198
all docs

198
docs citations

198
times ranked

5068
citing authors

#	ARTICLE	IF	CITATIONS
1	The lower limb flexion reflex in humans. <i>Progress in Neurobiology</i> , 2005, 77, 353-395.	2.8	441
2	Consensus Paper: Revisiting the Symptoms and Signs of Cerebellar Syndrome. <i>Cerebellum</i> , 2016, 15, 369-391.	1.4	260
3	Abnormal Modulatory Influence of Diffuse Noxious Inhibitory Controls in Migraine and Chronic Tension-Type Headache Patients. <i>Cephalalgia</i> , 2006, 26, 782-789.	1.8	234
4	Effects of diffuse noxious inhibitory controls on temporal summation of the RIII reflex in humans. <i>Pain</i> , 2004, 112, 353-360.	2.0	118
5	Sensitisation of spinal cord pain processing in medication overuse headache involves supraspinal pain control. <i>Cephalalgia</i> , 2010, 30, 272-284.	1.8	114
6	Locomotor patterns in cerebellar ataxia. <i>Journal of Neurophysiology</i> , 2014, 112, 2810-2821.	0.9	114
7	Early rehabilitation after surgery improves functional outcome in inpatients with brain tumours. <i>Journal of Neuro-Oncology</i> , 2012, 107, 537-544.	1.4	112
8	Neuromuscular adjustments of gait associated with unstable conditions. <i>Journal of Neurophysiology</i> , 2015, 114, 2867-2882.	0.9	112
9	Gait Pattern in Inherited Cerebellar Ataxias. <i>Cerebellum</i> , 2012, 11, 194-211.	1.4	110
10	Foot drop and plantar flexion failure determine different gait strategies in Charcot-Marie-Tooth patients. <i>Clinical Biomechanics</i> , 2007, 22, 905-916.	0.5	97
11	Dynamic changes in thalamic microstructure of migraine without aura patients: a diffusion tensor magnetic resonance imaging study. <i>European Journal of Neurology</i> , 2014, 21, 287.	1.7	86
12	Relationship between recovery of calf-muscle biomechanical properties and gait pattern following surgery for achilles tendon rupture. <i>Clinical Biomechanics</i> , 2007, 22, 211-220.	0.5	82
13	Thalamo-cortical network activity during spontaneous migraine attacks. <i>Neurology</i> , 2016, 87, 2154-2160.	1.5	81
14	Magnetic resonance imaging findings in piriformis syndrome: A case report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2001, 82, 519-521.	0.5	80
15	Lower Limb Antagonist Muscle Co-Activation and its Relationship with Gait Parameters in Cerebellar Ataxia. <i>Cerebellum</i> , 2014, 13, 226-236.	1.4	78
16	Cerebral gray matter volume in patients with chronic migraine: correlations with clinical features. <i>Journal of Headache and Pain</i> , 2017, 18, 115.	2.5	78
17	Lateral inhibition in visual cortex of migraine patients between attacks. <i>Journal of Headache and Pain</i> , 2013, 14, 20.	2.5	77
18	Resting state connectivity between default mode network and insula encodes acute migraine headache. <i>Cephalalgia</i> , 2018, 38, 846-854.	1.8	76

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19	Evidence for brain morphometric changes during the migraine cycle: A magnetic resonance-based morphometry study. <i>Cephalalgia</i> , 2015, 35, 783-791.	1.8	71
20	Thalamo-cortical network activity between migraine attacks: Insights from MRI-based microstructural and functional resting-state network correlation analysis. <i>Journal of Headache and Pain</i> , 2016, 17, 100.	2.5	68
21	Electrophysiological correlates of episodic migraine chronification: evidence for thalamic involvement. <i>Journal of Headache and Pain</i> , 2013, 14, 76.	2.5	67
22	Cutaneous afferents mediating the cutaneous silent period in the upper limbs: evidences for a role of low-threshold sensory fibres. <i>Clinical Neurophysiology</i> , 2001, 112, 2007-2014.	0.7	64
23	Cortical functional correlates of responsiveness to short-lasting preventive intervention with ketogenic diet in migraine: a multimodal evoked potentials study. <i>Journal of Headache and Pain</i> , 2016, 17, 58.	2.5	63
24	Four-week trunk-specific rehabilitation treatment improves lateral trunk flexion in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 325-331.	2.2	62
25	Lateral inhibition in the somatosensory cortex during and between migraine without aura attacks: Correlations with thalamocortical activity and clinical features. <i>Cephalalgia</i> , 2016, 36, 568-578.	1.8	54
26	A Randomized Double-Blind, Cross-Over Trial of very Low-Calorie Diet in Overweight Migraine Patients: A Possible Role for Ketones?. <i>Nutrients</i> , 2019, 11, 1742.	1.7	54
27	Muscular cramps: proposals for a new classification. <i>Acta Neurologica Scandinavica</i> , 2003, 107, 176-186.	1.0	53
28	Trigemino-cervical-spinal reflexes in humans. <i>Clinical Neurophysiology</i> , 2003, 114, 1697-1703.	0.7	53
29	Shortened cortical silent period in facial muscles of patients with migraine. <i>Pain</i> , 2007, 132, 124-131.	2.0	53
30	Visual evoked potentials in subgroups of migraine with aura patients. <i>Journal of Headache and Pain</i> , 2015, 16, 92.	2.5	53
31	Facilitated temporal summation of pain at spinal level in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 442-448.	2.2	51
32	Botulinum toxin type A potentiates the effect of neuromotor rehabilitation of Pisa syndrome in Parkinson disease: A placebo controlled study. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1140-1144.	1.1	51
33	Aberrant interactions of cortical networks in chronic migraine. <i>Neurology</i> , 2019, 92, e2550-e2558.	1.5	51
34	Acute Reduction of Anandamide-Hydrolase (FAAH) Activity is Coupled With a Reduction of Nociceptive Pathways Facilitation in Medication-Overuse Headache Subjects After Withdrawal Treatment. <i>Headache</i> , 2012, 52, 1350-1361.	1.8	49
35	Facilitated temporal processing of pain and defective supraspinal control of pain in cluster headache. <i>Pain</i> , 2013, 154, 1325-1332.	2.0	49
36	Clinical neurophysiology of migraine with aura. <i>Journal of Headache and Pain</i> , 2019, 20, 42.	2.5	48

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37	Gabapentin Treatment for Muscle Cramps: An Open-Label Trial. <i>Clinical Neuropharmacology</i> , 2000, 23, 45-49.	0.2	47
38	A new muscle co-activation index for biomechanical load evaluation in work activities. <i>Ergonomics</i> , 2015, 58, 966-979.	1.1	46
39	Pathophysiological targets for non-pharmacological treatment of migraine. <i>Cephalalgia</i> , 2016, 36, 1103-1111.	1.8	46
40	Harmony as a convergence attractor that minimizes the energy expenditure and variability in physiological gait and the loss of harmony in cerebellar ataxia. <i>Clinical Biomechanics</i> , 2017, 48, 15-23.	0.5	45
41	Local Stability of the Trunk in Patients with Degenerative Cerebellar Ataxia During Walking. <i>Cerebellum</i> , 2017, 16, 26-33.	1.4	44
42	Abnormal sensorimotor plasticity in migraine without aura patients. <i>Pain</i> , 2013, 154, 1738-1742.	2.0	42
43	L-Dopa decreases cutaneous nociceptive inhibition of motor activity in Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2002, 105, 196-201.	1.0	41
44	Increased lower limb muscle coactivation reduces gait performance and increases metabolic cost in patients with hereditary spastic paraparesis. <i>Clinical Biomechanics</i> , 2017, 48, 63-72.	0.5	40
45	Caregivers burden and needs in community neurorehabilitation. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 818-822.	0.8	38
46	Progression of Gait Ataxia in Patients with Degenerative Cerebellar Disorders: a 4-Year Follow-Up Study. <i>Cerebellum</i> , 2017, 16, 629-637.	1.4	38
47	Increased neural connectivity between the hypothalamus and cortical resting-state functional networks in chronic migraine. <i>Journal of Neurology</i> , 2020, 267, 185-191.	1.8	38
48	Gait Patterns in Patients with Hereditary Spastic Paraparesis. <i>PLoS ONE</i> , 2016, 11, e0164623.	1.1	38
49	Modulation of temporal summation threshold of the nociceptive withdrawal reflex by transcutaneous spinal direct current stimulation in humans. <i>Clinical Neurophysiology</i> , 2016, 127, 755-761.	0.7	37
50	Reduced Habituation of Trigeminal Reflexes in Patients with Episodic Cluster Headache During Cluster Period. <i>Cephalalgia</i> , 2008, 28, 950-959.	1.8	36
51	Increased H-Reflex Response Induced by Intramuscular Electrical Stimulation of Latent Myofascial Trigger Points. <i>Acupuncture in Medicine</i> , 2009, 27, 150-154.	0.4	36
52	Turning strategies in patients with cerebellar ataxia. <i>Experimental Brain Research</i> , 2012, 222, 65-75.	0.7	36
53	Modulation of the human nociceptive flexion reflex by pleasant and unpleasant odors. <i>Pain</i> , 2013, 154, 2054-2059.	2.0	36
54	Lifting activity assessment using surface electromyographic features and neural networks. <i>International Journal of Industrial Ergonomics</i> , 2018, 66, 1-9.	1.5	36

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55	Identification of specific gait patterns in patients with cerebellar ataxia, spastic paraplegia, and Parkinson's disease: A non-hierarchical cluster analysis. <i>Human Movement Science</i> , 2018, 57, 267-279.	0.6	36
56	Enhanced Trigemino-Cervical-Spinal Reflex Recovery Cycle in Pain-Free Migraineurs. <i>Headache</i> , 2005, 45, 1061-1068.	1.8	35
57	Modelling the spine as a deformable body: Feasibility of reconstruction using an optoelectronic system. <i>Applied Ergonomics</i> , 2013, 44, 192-199.	1.7	35
58	Upper Body Kinematics in Patients with Cerebellar Ataxia. <i>Cerebellum</i> , 2014, 13, 689-697.	1.4	35
59	Excitability of the motor cortex in patients with migraine changes with the time elapsed from the last attack. <i>Journal of Headache and Pain</i> , 2017, 18, 2.	2.5	35
60	Surface electromyography for risk assessment in work activities designed using the revised NIOSH lifting equation. <i>International Journal of Industrial Ergonomics</i> , 2018, 68, 34-45.	1.5	35
61	Oral nitric-oxide donor glyceryl-trinitrate induces sensitization in spinal cord pain processing in migraineurs: A double-blind, placebo-controlled, cross-over study. <i>European Journal of Pain</i> , 2011, 15, 482-490.	1.4	34
62	Effect of painful heterotopic stimulation on the cutaneous silent period in the upper limbs. <i>Clinical Neurophysiology</i> , 2003, 114, 1-6.	0.7	33
63	A simple method for estimating conduction velocity of the spinothalamic tract in healthy humans. <i>Clinical Neurophysiology</i> , 2000, 111, 1907-1915.	0.7	32
64	Abnormal head nociceptive withdrawal reaction to facial nociceptive stimuli in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2005, 116, 2091-2098.	0.7	32
65	Lower-Limb Joint Coordination Pattern in Obese Subjects. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	31
66	A ketogenic diet normalizes interictal cortical but not subcortical responsivity in migraineurs. <i>BMC Neurology</i> , 2019, 19, 136.	0.8	31
67	The Effect of Robotic Assisted Gait Training With Lokomat® on Balance Control After Stroke: Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 661815.	1.1	31
68	Kinematic and Electromyographic Study of the Nociceptive Withdrawal Reflex in the Upper Limbs during Rest and Movement. <i>Journal of Neuroscience</i> , 2006, 26, 3505-3513.	1.7	29
69	Influence of the corticospinal tract on the cutaneous silent period: A study in patients with pyramidal syndrome. <i>Neuroscience Letters</i> , 2008, 433, 109-113.	1.0	29
70	Prediction of Responsiveness of Gait Variables to Rehabilitation Training in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 826.	1.1	29
71	Machine Learning Approach to Support the Detection of Parkinson's Disease in IMU-Based Gait Analysis. <i>Sensors</i> , 2022, 22, 3700.	2.1	29
72	Pigmentary degenerative maculopathy as prominent phenotype in an Italian SPG56/CYP2U1 family. <i>Journal of Neurology</i> , 2016, 263, 781-783.	1.8	28

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73	A wearable proprioceptive stabilizer for rehabilitation of limb and gait ataxia in hereditary cerebellar ataxias: a pilot open-labeled study. <i>Neurological Sciences</i> , 2017, 38, 459-463.	0.9	28
74	Mechanical lifting energy consumption in work activities designed by means of the "revised NIOSH lifting equation". <i>Industrial Health</i> , 2017, 55, 444-454.	0.4	28
75	Common and specific gait patterns in people with varying anatomical levels of lower limb amputation and different prosthetic components. <i>Human Movement Science</i> , 2019, 66, 9-21.	0.6	28
76	An artificial neural network approach to detect presence and severity of Parkinson's disease via gait parameters. <i>PLoS ONE</i> , 2021, 16, e0244396.	1.1	28
77	Pre-perceptual pain sensory responses (N1 component) in type 1 diabetes mellitus. <i>NeuroReport</i> , 2002, 13, 1009-1012.	0.6	27
78	Experimental muscle pain decreases the frequency threshold of electrically elicited muscle cramps. <i>Experimental Brain Research</i> , 2007, 182, 301-308.	0.7	27
79	Planned Gait Termination in Cerebellar Ataxias. <i>Cerebellum</i> , 2012, 11, 896-904.	1.4	27
80	Strategies Adopted by Cerebellar Ataxia Patients to Perform U-Turns. <i>Cerebellum</i> , 2013, 12, 460-468.	1.4	27
81	Efficacy of Modified Atkins Ketogenic Diet in Chronic Cluster Headache: An Open-Label, Single-Arm, Clinical Trial. <i>Frontiers in Neurology</i> , 2018, 9, 64.	1.1	27
82	Myoclonus of the scapula after acute long thoracic nerve lesion: A case report. <i>Movement Disorders</i> , 2006, 21, 71-73.	2.2	26
83	Locomotor coordination in patients with Hereditary Spastic Paraplegia. <i>Journal of Electromyography and Kinesiology</i> , 2019, 45, 61-69.	0.7	26
84	Comparison between Kinematic and Kinetic Methods for Computing the Vertical Displacement of the Center of Mass during Human Hopping at Different Frequencies. <i>Journal of Applied Biomechanics</i> , 2008, 24, 271-279.	0.3	25
85	Lack of cold pressor test-induced effect on visual-evoked potentials in migraine. <i>Journal of Headache and Pain</i> , 2010, 11, 115-121.	2.5	25
86	Anodal transcranial direct current stimulation over the left temporal pole restores normal visual evoked potential habituation in interictal migraineurs. <i>Journal of Headache and Pain</i> , 2017, 18, 70.	2.5	24
87	Abnormal spinal cord pain processing in Huntington's disease. The role of the diffuse noxious inhibitory control. <i>Clinical Neurophysiology</i> , 2012, 123, 1624-1630.	0.7	23
88	Sudden Stopping in Patients with Cerebellar Ataxia. <i>Cerebellum</i> , 2013, 12, 607-616.	1.4	22
89	Biomechanical evaluation of supermarket cashiers before and after a redesign of the checkout counter. <i>Ergonomics</i> , 2012, 55, 650-669.	1.1	21
90	Tonic Pain Abolishes Cortical Habituation of Visual Evoked Potentials in Healthy Subjects. <i>Journal of Pain</i> , 2010, 11, 291-296.	0.7	20

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91	Three-dimensional analysis of the shoulder motion in patients with massive irreparable cuff tears after latissimus dorsi tendon transfer (LDT). Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1363-1370.	1.3	20
92	Differential changes in the spinal segmental locomotor output in Hereditary Spastic Paraplegia. Clinical Neurophysiology, 2018, 129, 516-525.	0.7	20
93	Acute optic neuropathy associated with a novel MFN2 mutation. Journal of Neurology, 2015, 262, 1678-1680.	1.8	19
94	Effect of 24-h continuous rotigotine treatment on stationary and non-stationary locomotion in de novo patients with Parkinson disease in an open-label uncontrolled study. Journal of Neurology, 2015, 262, 2539-2547.	1.8	19
95	Global lower limb muscle coactivation during walking at different speeds: Relationship between spatio-temporal, kinematic, kinetic, and energetic parameters. Journal of Electromyography and Kinesiology, 2018, 43, 148-157.	0.7	19
96	Exploring Risk of Falls and Dynamic Unbalance in Cerebellar Ataxia by Inertial Sensor Assessment. Sensors, 2019, 19, 5571.	2.1	19
97	Global Muscle Coactivation of the Sound Limb in Gait of People with Transfemoral and Transtibial Amputation. Sensors, 2020, 20, 2543.	2.1	19
98	Prefrontal cortex as a compensatory network in ataxic gait: A correlation study between cortical activity and gait parameters. Restorative Neurology and Neuroscience, 2015, 33, 177-187.	0.4	18
99	Patients with chronic migraine without history of medication overuse are characterized by a peculiar white matter fiber bundle profile. Journal of Headache and Pain, 2020, 21, 92.	2.5	18
100	Modulation of spinal inhibitory reflex responses to cutaneous nociceptive stimuli during upper limb movement. European Journal of Neuroscience, 2008, 28, 559-568.	1.2	17
101	The contribution of trigemino-cervical reflexes in distinguishing progressive supranuclear palsy from multiple system atrophy. Clinical Neurophysiology, 2011, 122, 1812-1815.	0.7	17
102	Lateralized nociceptive blink reflex habituation deficit in episodic cluster headache: Correlations with clinical features. Cephalalgia, 2015, 35, 600-607.	1.8	17
103	Modular motor control of the sound limb in gait of people with trans-femoral amputation. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 132.	2.4	17
104	Nociceptive trigeminocervical reflexes in healthy subjects. Clinical Neurophysiology, 2010, 121, 1563-1568.	0.7	16
105	Trunk-lower limb coordination pattern during gait in patients with ataxia. Gait and Posture, 2017, 57, 252-257.	0.6	16
106	Myoelectric manifestation of muscle fatigue in repetitive work detected by means of miniaturized sEMG sensors. International Journal of Occupational Safety and Ergonomics, 2018, 24, 464-474.	1.1	16
107	Reorganization of multi-muscle and joint withdrawal reflex during arm movements in post-stroke hemiparetic patients. Clinical Neurophysiology, 2012, 123, 527-540.	0.7	15
108	Use of dynamic movement orthoses to improve gait stability and trunk control in ataxic patients. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 735-743.	1.1	15

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109	Progressive Modular Rebalancing System and Visual Cueing for Gait Rehabilitation in Parkinson's Disease: A Pilot, Randomized, Controlled Trial With Crossover. <i>Frontiers in Neurology</i> , 2019, 10, 902.	1.1	15
110	Identification of Gait Unbalance and Fallers Among Subjects with Cerebellar Ataxia by a Set of Trunk Acceleration-Derived Indices of Gait. <i>Cerebellum</i> , 2023, 22, 46-58.	1.4	15
111	Neuromodulation for Chronic Daily Headache. <i>Current Pain and Headache Reports</i> , 2022, 26, 267-278.	1.3	15
112	l-dopa effects on preprogramming and control activity in a skilled motor act in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2002, 113, 243-253.	0.7	14
113	Lack of trigemino-cervical reflexes in progressive supranuclear palsy. <i>Movement Disorders</i> , 2008, 23, 1475-1479.	2.2	14
114	The Rehabilitation of Spinal Cord Injury Patients in Europe. <i>Acta Neurochirurgica Supplementum</i> , 2017, 124, 203-210.	0.5	14
115	Gabapentin-Induced Worsening of Neuropsychiatric Symptoms in Dementia with Lewy Bodies: Case Reports. <i>European Neurology</i> , 2002, 47, 56-57.	0.6	13
116	Improving neuro-oncological patients care: basic and practical concepts for nurse specialist in neuro-rehabilitation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 82.	3.5	13
117	Short-latency afferent inhibition and somato-sensory evoked potentials during the migraine cycle: surrogate markers of a cycling cholinergic thalamo-cortical drive?. <i>Journal of Headache and Pain</i> , 2020, 21, 34.	2.5	13
118	Ability of a Set of Trunk Inertial Indexes of Gait to Identify Gait Instability and Recurrent Fallers in Parkinson's Disease. <i>Sensors</i> , 2021, 21, 3449.	2.1	13
119	Enhanced temporal pain processing in multiple system atrophy. <i>Neuroscience Letters</i> , 2013, 555, 203-208.	1.0	12
120	Effects of a selective serotonin reuptake inhibitor escitalopram on the cutaneous silent period: A randomized controlled study in healthy volunteers. <i>Neuroscience Letters</i> , 2014, 566, 17-20.	1.0	12
121	Frequency-Dependent Habituation Deficit of the Nociceptive Blink Reflex in Aura With Migraine Headache. <i>Can Migraine Aura Modulate Trigeminal Excitability? Headache</i> , 2017, 57, 887-898.	1.8	12
122	Short-term cortical synaptic depression/potential mechanisms in chronic migraine patients with or without medication overuse. <i>Cephalalgia</i> , 2019, 39, 237-244.	1.8	12
123	Impairment of Global Lower Limb Muscle Coactivation During Walking in Cerebellar Ataxias. <i>Cerebellum</i> , 2020, 19, 583-596.	1.4	12
124	Thalamo-cortical networks in subtypes of migraine with aura patients. <i>Journal of Headache and Pain</i> , 2021, 22, 58.	2.5	12
125	Cutaneous silent period in hand muscles is lengthened by tramadol: Evidence for monoaminergic modulation?. <i>Neuroscience Letters</i> , 2012, 528, 78-82.	1.0	11
126	Biomechanical characterization of the Junzuki karate punch: indexes of performance. <i>European Journal of Sport Science</i> , 2018, 18, 796-805.	1.4	11

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127	Spatial and temporal characteristics of the spine muscles activation during walking in patients with lumbar instability due to degenerative lumbar disk disease: Evaluation in pre-surgical setting. <i>Human Movement Science</i> , 2019, 66, 371-382.	0.6	11
128	Kinematic and electromyographic differences between mouse and touchpad use on laptop computers. <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 413-420.	1.5	10
129	Pain processing in atypical Parkinsonisms and Parkinson disease: A comparative neurophysiological study. <i>Clinical Neurophysiology</i> , 2017, 128, 1978-1984.	0.7	10
130	Temporal summation of the nociceptive withdrawal reflex involves deactivation of posterior cingulate cortex. <i>European Journal of Pain</i> , 2017, 21, 289-301.	1.4	10
131	Dataset on gait patterns in degenerative neurological diseases. <i>Data in Brief</i> , 2018, 16, 806-816.	0.5	10
132	Botulinum toxin A modifies nociceptive withdrawal reflex in subacute stroke patients. <i>Brain and Behavior</i> , 2018, 8, e01069.	1.0	10
133	Critical Issues and Imminent Challenges in the Use of sEMG in Return-To-Work Rehabilitation of Patients Affected by Neurological Disorders in the Epoch of Human-Robot Collaborative Technologies. <i>Frontiers in Neurology</i> , 2020, 11, 572069.	1.1	10
134	Neurophysiological approach to central pain modulation in primary headaches. <i>Journal of Headache and Pain</i> , 2005, 6, 191-194.	2.5	9
135	Familial frontotemporal dementia with parkinsonism associated with the progranulin c.C1021T (p.Q341X) mutation. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 484-485.	1.1	9
136	Low Doses of Rotigotine in Patients With Antipsychotic-Induced Parkinsonism. <i>Clinical Neuropharmacology</i> , 2013, 36, 162-165.	0.2	9
137	Effect of Restraining the Base of Support on the Other Biomechanical Features in Patients with Cerebellar Ataxia. <i>Cerebellum</i> , 2018, 17, 264-275.	1.4	9
138	OnabotulinumtoxinA Reduces Temporal Pain Processing at Spinal Level in Patients with Lower Limb Spasticity. <i>Toxins</i> , 2019, 11, 359.	1.5	9
139	Sympathetic skin response evoked by laser skin stimulation. <i>Functional Neurology</i> , 2002, 17, 129-32.	1.3	9
140	Lower limb manual muscle testing in the early stages of Charcot-Marie-Tooth disease type 1A. <i>Functional Neurology</i> , 2006, 21, 159-63.	1.3	9
141	Consensus Paper: Ataxic Gait. <i>Cerebellum</i> , 2022, , 1.	1.4	9
142	Modulating effects of bodyweight unloading on the lower limb nociceptive withdrawal reflex during symmetrical stance. <i>Clinical Neurophysiology</i> , 2012, 123, 1035-1043.	0.7	8
143	Adaptive behaviour of the spinal cord in the transition from quiet stance to walking. <i>BMC Neuroscience</i> , 2012, 13, 80.	0.8	8
144	Pelvic obliquity as a compensatory mechanism leading to lower energy recovery: Characterization among the types of prostheses in subjects with transfemoral amputation. <i>Gait and Posture</i> , 2020, 80, 280-284.	0.6	8

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145	The function of the lateral inhibitory mechanisms in the somatosensory cortex is normal in patients with chronic migraine. <i>Clinical Neurophysiology</i> , 2020, 131, 880-886.	0.7	8
146	Characterizing the Gait of People With Different Types of Amputation and Prosthetic Components Through Multimodal Measurements: A Methodological Perspective. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	0.5	8
147	Scuba Diving Is Not Associated With High Prevalence of Headache: A Cross-sectional Study in Men. <i>Headache</i> , 2012, 52, 385-392.	1.8	7
148	Bladder filling attenuates spinal cord nociceptive reflexes in humans. <i>Clinical Neurophysiology</i> , 2014, 125, 2271-2276.	0.7	7
149	Stimulation site and phase modulation of the withdrawal reflex during gait initiation. <i>Clinical Neurophysiology</i> , 2015, 126, 2282-2289.	0.7	7
150	Trait- and Frequency-Dependent Dysfunctional Habituation to Trigeminal Nociceptive Stimulation in Trigeminal Autonomic Cephalalgias. <i>Journal of Pain</i> , 2018, 19, 1040-1048.	0.7	7
151	Neurophysiology of gait. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 154, 299-303.	1.0	7
152	The monoclonal CGRP-receptor blocking antibody erenumab has different effects on brainstem and cortical sensory-evoked responses. <i>Cephalalgia</i> , 2022, 42, 1236-1245.	1.8	7
153	Gabapentin Can Improve Dystonia in Confirmed Wilson Disease. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 284-285.	0.3	6
154	O024. Transcutaneous supraorbital nerve stimulation enhances somatosensory thalamic activity in migraine between attacks: a central mechanism of clinical efficacy?. <i>Journal of Headache and Pain</i> , 2015, 16, A160.	2.5	6
155	Effect of high level of bladder filling on spinal nociception and motoneuronal excitability. <i>Experimental Brain Research</i> , 2015, 233, 3459-3466.	0.7	6
156	Kinect-based wearable prototype system for ataxic patients neurorehabilitation: control group preliminary results. , 2020, , .		6
157	Modular organization of the head retraction responses elicited by electrical painful stimulation of the facial skin in humans. <i>Clinical Neurophysiology</i> , 2015, 126, 2306-2313.	0.7	5
158	Withdrawal from acute medication normalises short-term cortical synaptic potentiation in medication overuse headache. <i>Neurological Sciences</i> , 2019, 40, 963-969.	0.9	5
159	Kinect-based wearable prototype system for ataxic patients neurorehabilitation: software update for exergaming and rehabilitation. , 2021, , .		5
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