

Lucio Marinelli

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

2,992
citations

201575

27
h-index

189801

50
g-index

117
all docs

117
docs citations

117
times ranked

3811
citing authors

#	ARTICLE	IF	CITATIONS
1	Full length α -synuclein is present in cerebrospinal fluid from Parkinson's disease and normal subjects. <i>Neuroscience Letters</i> , 2000, 287, 65-67.	1.0	344
2	Corticobasal degeneration shares a common genetic background with progressive supranuclear palsy. <i>Annals of Neurology</i> , 2000, 47, 374-377.	2.8	216
3	Pathophysiology of Spasticity: Implications for Neurorehabilitation. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	206
4	Learning and consolidation of visuo-motor adaptation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 6-11.	1.1	107
5	A Comparative Study of Primary and Secondary Hemifacial Spasm. <i>Archives of Neurology</i> , 2006, 63, 441.	4.9	106
6	The many facets of motor learning and their relevance for Parkinson's disease. <i>Clinical Neurophysiology</i> , 2017, 128, 1127-1141.	0.7	100
7	Balance Dysfunction in Parkinson's Disease. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	90
8	Relationship between eye symptoms and blepharospasm: A multicenter case-control study. <i>Movement Disorders</i> , 2005, 20, 1564-1570.	2.2	86
9	Lipoperoxidation Is Selectively Involved in Progressive Supranuclear Palsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 393-397.	0.9	82
10	Tremor in primary adult-onset dystonia: prevalence and associated clinical features. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 404-408.	0.9	71
11	Suppression of the transcallosal motor output: a transcranial magnetic stimulation study in healthy subjects. <i>Experimental Brain Research</i> , 2004, 158, 133-40.	0.7	69
12	Diagnostic agreement in patients with psychogenic movement disorders. <i>Movement Disorders</i> , 2012, 27, 548-552.	2.2	60
13	Role of ventricular autocapture function in increasing longevity of DDDR pacemakers: a prospective study. <i>Europace</i> , 2006, 8, 216-220.	0.7	55
14	Age at onset and symptom spread in primary adult-onset blepharospasm and cervical dystonia. <i>Movement Disorders</i> , 2012, 27, 1447-1450.	2.2	46
15	Implicit and explicit aspects of sequence learning in pre-symptomatic Huntington's disease. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 457-464.	1.1	45
16	Posturographic analysis of balance control in patients with essential tremor. <i>Movement Disorders</i> , 2006, 21, 192-198.	2.2	42
17	Environmental risk factors and clinical phenotype in familial and sporadic primary blepharospasm. <i>Neurology</i> , 2011, 77, 631-637.	1.5	42
18	Impairment of transcallosal inhibition in patients with corticobasal degeneration. <i>Clinical Neurophysiology</i> , 2003, 114, 2181-2187.	0.7	41

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19	Cervical dystonia affects aimed movements of nondystonic segments. <i>Movement Disorders</i> , 2009, 24, 1955-1961.	2.2	39
20	Corticospinal excitability in patients with secondary dystonia due to focal lesions of the basal ganglia and thalamus. <i>Clinical Neurophysiology</i> , 2012, 123, 808-814.	0.7	38
21	Effect of radial shock wave therapy on pain and muscle hypertonia: a double-blind study in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 622-629.	1.4	36
22	Effects of treadmill training on walking economy in Parkinson's disease: a pilot study. <i>Neurological Sciences</i> , 2009, 30, 499-504.	0.9	35
23	The Cerebellum Modulates Attention Network Functioning: Evidence from a Cerebellar Transcranial Direct Current Stimulation and Attention Network Test Study. <i>Cerebellum</i> , 2019, 18, 457-468.	1.4	35
24	Spastic dystonia in stroke subjects: prevalence and features of the neglected phenomenon of the upper motor neuron syndrome. <i>Clinical Neurophysiology</i> , 2019, 130, 521-527.	0.7	35
25	Plasma levels of amyloid β 40 and 42 are independent from ApoE genotype and mental retardation in down syndrome. <i>American Journal of Medical Genetics Part A</i> , 2000, 95, 224-228.	2.4	33
26	TMS Enhances Retention of a Motor Skill in Parkinson's Disease. <i>Brain Stimulation</i> , 2015, 8, 224-230.	0.7	32
27	Muscle relaxation is impaired in dystonia: A reaction time study. <i>Movement Disorders</i> , 2004, 19, 681-687.	2.2	31
28	Lower limb involvement in adult-onset primary dystonia: frequency and clinical features. <i>European Journal of Neurology</i> , 2010, 17, 242-246.	1.7	31
29	Attention in Parkinson's disease with fatigue: evidence from the attention network test. <i>Journal of Neural Transmission</i> , 2017, 124, 335-345.	1.4	30
30	Spasticity and spastic dystonia: the two faces of velocity-dependent hypertonia. <i>Journal of Electromyography and Kinesiology</i> , 2017, 37, 84-89.	0.7	27
31	A randomised controlled cross-over double-blind pilot study protocol on THC:CBD oromucosal spray efficacy as an add-on therapy for post-stroke spasticity. <i>BMJ Open</i> , 2017, 7, e016843.	0.8	27
32	Eye symptoms in relatives of patients with primary adult-onset dystonia. <i>Movement Disorders</i> , 2012, 27, 305-307.	2.2	26
33	Dyskinesias predict the onset of motor response fluctuations in patients with Parkinson's disease on l-dopa monotherapy. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 151-155.	1.1	24
34	External shock waves therapy in dystonia: preliminary results. <i>European Journal of Neurology</i> , 2009, 16, 517-521.	1.7	24
35	Effects of continuous visual feedback during sitting balance training in chronic stroke survivors. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 107.	2.4	24
36	Manual Linear Movements to Assess Spasticity in a Clinical Setting. <i>PLoS ONE</i> , 2013, 8, e53627.	1.1	23

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37	Brain 18F-DOPA PET and cognition in de novo Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1062-1070.	3.3	23
38	Differential modulation of motor evoked potential and silent period by activation of intracortical inhibitory circuits. <i>Clinical Neurophysiology</i> , 2001, 112, 1822-1827.	0.7	22
39	In normal aging ventricular system never attains pathological values of Evans' index. <i>Oncotarget</i> , 2016, 7, 11860-11863.	0.8	22
40	Postactivation depression changes after robotic-assisted gait training in hemiplegic stroke patients. <i>Gait and Posture</i> , 2013, 38, 729-733.	0.6	21
41	Is There Full or Proportional Somatosensory Recovery in the Upper Limb After Stroke? Investigating Behavioral Outcome and Neural Correlates. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 691-700.	1.4	20
42	Central fatigue and attentional processing in Parkinson's disease: An event-related potentials study. <i>Clinical Neurophysiology</i> , 2019, 130, 692-700.	0.7	20
43	The effect of cannabinoids on the stretch reflex in multiple sclerosis spasticity. <i>International Clinical Psychopharmacology</i> , 2016, 31, 232-239.	0.9	19
44	Treadmill training in patients affected by Charcot-Marie-Tooth neuropathy: results of a multicenter, prospective, randomized, single-blind, controlled study. <i>European Journal of Neurology</i> , 2020, 27, 280-287.	1.7	19
45	Training methods and analysis of races of a top level Paralympic swimming athlete. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 612-620.	0.4	18
46	Micropatterned surface electrode for massive selective stimulation of intraepidermal nociceptive fibres. <i>Journal of Neuroscience Methods</i> , 2018, 293, 17-26.	1.3	17
47	Systematic Review of Fatigue in Individuals With Cerebral Palsy. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 598800.	1.0	17
48	Creutzfeldt-Jakob disease presenting as corticobasal degeneration: a neurophysiological study. <i>Neurological Sciences</i> , 2006, 27, 118-121.	0.9	16
49	In idiopathic cervical dystonia movement direction is inaccurate when reaching in unusual workspaces. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 470-472.	1.1	15
50	Shock Waves in the Treatment of Muscle Hypertonia and Dystonia. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	15
51	Epilepsy course during COVID-19 pandemic in three Italian epilepsy centers. <i>Epilepsy and Behavior</i> , 2020, 112, 107375.	0.9	15
52	Spastic dystonia or inability to voluntary silence EMG activity? Time for clarifying the nomenclature. <i>Clinical Neurophysiology</i> , 2019, 130, 1076-1077.	0.7	13
53	Effects of Hemispheric Stroke Localization on the Reorganization of Arm Movements within Different Mechanical Environments. <i>Life</i> , 2021, 11, 383.	1.1	13
54	Increased reaction time predicts visual learning deficits in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 1498-1501.	2.2	12

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55	Electromyographic assessment of paratonia. <i>Experimental Brain Research</i> , 2017, 235, 949-956.	0.7	12
56	Mal de Debarquement Syndrome: A Matter of Loops?. <i>Frontiers in Neurology</i> , 2020, 11, 576860.	1.1	12
57	Basal ganglia and kinematics modulation: Insights from Parkinsonâ€™s and Huntingtonâ€™s diseases. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 642-644.	1.1	11
58	Selective attentional deficit in essential tremor: Evidence from the attention network test. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1306-1311.	1.1	11
59	Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke. <i>Scientific Reports</i> , 2019, 9, 19712.	1.6	11
60	The new micropatterned interdigitated electrode for selective assessment of the nociceptive system. <i>European Journal of Pain</i> , 2020, 24, 956-966.	1.4	11
61	Diffusion magnetic resonance imaging diagnostic relevance in pyogenic ventriculitis with an atypical presentation: a case report. <i>BMC Research Notes</i> , 2014, 7, 149.	0.6	10
62	Self-Perceived Psychophysical Well-Being of Young Competitive Swimmers With Physical or Intellectual Impairment. <i>Perceptual and Motor Skills</i> , 2019, 126, 862-885.	0.6	10
63	Spasticity, spastic dystonia, and static stretch reflex in hypertonic muscles of patients with multiple sclerosis. <i>Clinical Neurophysiology Practice</i> , 2021, 6, 194-202.	0.6	10
64	Interhemispheric subdural haematoma from ruptured aneurysm. <i>Journal of Neurology</i> , 2005, 252, 364-366.	1.8	9
65	The effect of age on post-activation depression of the upper limb H-reflex. <i>European Journal of Applied Physiology</i> , 2014, 114, 359-364.	1.2	9
66	Protocol for the study of self-perceived psychological and emotional well-being of young Paralympic athletes. <i>Health and Quality of Life Outcomes</i> , 2017, 15, 219.	1.0	9
67	Outcome measures in the clinical evaluation of ambulatory Charcot-Marie-Tooth 1A subjects. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019, 55, 47-55.	1.1	9
68	The Ventricular System Enlarges Abnormally in the Seventies, Earlier in Men, and First in the Frontal Horn: A Study Based on More Than 3,000 Scans. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 294.	1.7	9
69	Surface Electromyography Spectral Parameters for the Study of Muscle Fatigue in Swimming. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 644765.	0.9	9
70	Bilateral impairment of intracortical inhibition in delayed-onset posthemiplegic dystonia: Pathophysiological implications. <i>Clinical Neurophysiology</i> , 2006, 117, 1312-1318.	0.7	8
71	Recurring hyperammonemic encephalopathy induced by bacteria usually not producing urease. <i>BMC Research Notes</i> , 2014, 7, 324.	0.6	8
72	Do flexible inter-injection intervals improve the effects of botulinum toxin A treatment in reducing impairment and disability in patients with spasticity?. <i>Medical Hypotheses</i> , 2017, 102, 28-32.	0.8	8

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73	Learning "How to Learn" Super Declarative Motor Learning Is Impaired in Parkinson's Disease. <i>Neural Plasticity</i> , 2017, 2017, 1-8.	1.0	8
74	Paratonia in Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1615-1637.	1.2	8
75	Meralgia Paraesthetica after Prone Position Ventilation in a Patient with COVID-19. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 7, 002039.	0.2	8
76	Tyrosine kinase A-nerve growth factor receptor is antigenically present in dystrophic neurites from a variety of conditions but not in Alzheimer's disease. <i>Neuroscience Letters</i> , 1999, 273, 67-71.	1.0	7
77	Effectiveness of Botulinum Toxin on Pain in Stroke Patients Suffering from Upper Limb Spastic Dystonia. <i>Toxins</i> , 2022, 14, 39.	1.5	7
78	Continuous involuntary hand movements and schizencephaly: epilepsy partialis continua or dystonia?. <i>Neurological Sciences</i> , 2012, 33, 335-338.	0.9	6
79	Orbitofrontal ^{18F} -DOPA Uptake and Movement Preparation in Parkinson's Disease. <i>Parkinson's Disease</i> , 2015, 2015, 1-7.	0.6	6
80	Dual task gait deteriorates gait performance in cervical dystonia patients: a pilot study. <i>Journal of Neural Transmission</i> , 2021, 128, 1677-1685.	1.4	6
81	Ghost spasticity in multiple sclerosis. <i>Journal of Electromyography and Kinesiology</i> , 2020, 51, 102408.	0.7	5
82	In vivo non-invasive near-infrared spectroscopy distinguishes normal, post-stroke, and botulinum toxin treated human muscles. <i>Scientific Reports</i> , 2021, 11, 17631.	1.6	5
83	Transcranial Direct Current Stimulation in the Treatment of Subacute Post-Stroke Thalamic Aphasia. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 7, 001794.	0.2	5
84	Muscle Fatigue and Swimming Efficiency in Behind and Lateral Drafting. <i>Frontiers in Physiology</i> , 2022, 13, 835766.	1.3	5
85	Effect of Short-Term Exposure to Supplemental Vibrotactile Kinesthetic Feedback on Goal-Directed Movements after Stroke: A Proof of Concept Case Series. <i>Sensors</i> , 2021, 21, 1519.	2.1	4
86	Stroke impairs the control of isometric forces and muscle activations in the ipsilesional arm. <i>Scientific Reports</i> , 2021, 11, 18533.	1.6	4
87	Serotonergic central tone in Parkinson's disease with fatigue: Evidence from the loudness dependence of auditory evoked potentials (LDAEP). <i>Neuroscience Letters</i> , 2021, 764, 136242.	1.0	4
88	Neuroradiological Evolution of Glycaemic Hemichorea-Hemiballism and the Possible Role of Brain Hypoperfusion. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 6, 1.	0.2	4
89	Genetic Workup for Charcot-Marie-Tooth Neuropathy: A Retrospective Single-Site Experience Covering 15 Years. <i>Life</i> , 2022, 12, 402.	1.1	4
90	Not all Forms of Muscle Hypertonia Worsen With Fatigue: A Pilot Study in Para Swimmers. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	4

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91	Vestibular Disability/Handicap in Fibromyalgia: A Questionnaire Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 4017.	1.0	4
92	Brain temperature as a measure of misfolded proteins metabolism. <i>Medical Hypotheses</i> , 2017, 101, 11.	0.8	3
93	Radial shock wave therapy: effect on pain and motor performance in a paralympic athlete. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 286-289.	1.1	3
94	Impact of the 2018 World Para Swimming classification revision on the race results in international Paralympic swimming events. <i>German Journal of Exercise and Sport Research</i> , 2020, 50, 251-263.	1.0	3
95	The Effect of Kinesio Taping on Spasticity: A Randomized, Controlled, Double-Blind Pilot Study in Para-Swimmers. <i>Journal of Sport Rehabilitation</i> , 2021, 30, 414-421.	0.4	3
96	Early nociceptive evoked potentials (NEPs) recorded from the scalp. <i>Clinical Neurophysiology</i> , 2021, 132, 2896-2906.	0.7	3
97	Time to reconcile research findings and clinical practice on upper limb neurorehabilitation. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
98	Training Muscle Synergies to Relearn Movement: Current Perspectives and Future Trends. <i>Biosystems and Biorobotics</i> , 2019, , 226-230.	0.2	2
99	Italian Public Health Expenditure for Vitamin D is still high: New Outlook to Saving From a Consumption Analysis in the Liguria Region. <i>Clinical Therapeutics</i> , 2021, , .	1.1	2
100	Near-Infrared Transflectance Spectroscopy Discriminates Solutions Containing Two Commercial Formulations of Botulinum Toxin Type A Diluted at Recommended Volumes for Clinical Reconstitution. <i>Biosensors</i> , 2022, 12, 216.	2.3	2
101	Electromyographic Patterns of Paratonia in Normal Subjects and in Patients with Mild Cognitive Impairment or Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1065-1077.	1.2	2
102	The role of physical activity against chemotherapy-induced peripheral neuropathy: a narrative review. , 0, , 87-99.		2
103	Cannabinoid Effect and Safety in Spasticity Following Stroke: A Double-Blind Randomized Placebo-Controlled Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
104	Primary vs Postparalytic Hemifacial Spasm—Reply. <i>Archives of Neurology</i> , 2006, 63, 1204.	4.9	1
105	Non-convulsive status epilepticus triggered by haemodialysis in an epileptic patient. <i>Internal Medicine Journal</i> , 2010, 40, 235-236.	0.5	1
106	Isolated Demyelination of Corpus Callosum Following Hypoxia. <i>European Journal of Molecular and Clinical Medicine</i> , 2018, 5, 85-88.	0.5	1
107	1.197 Sequence learning and the basal ganglia. <i>Parkinsonism and Related Disorders</i> , 2007, 13, S59.	1.1	0
108	1.199 Increased reaction time predicts deficit of explicit visual learning in the early stages of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2007, 13, S59-S60.	1.1	0

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109	1.257 Cervical dystonia: Effect of botulinum toxin on trajectory formation. Parkinsonism and Related Disorders, 2007, 13, S67.	1.1	0
110	Neurophysiological assessment of small midlateral medullary syndromes. Clinical Neurophysiology, 2014, 125, 2313-2314.	0.7	0
111	Botulinum toxin is prescribed for spasticity or spastic dystonia?. Toxicon, 2018, 156, S74.	0.8	0
112	Reader response: Early weight loss in parkinsonism predicts poor outcomes: Evidence from an incident cohort study. Neurology, 2018, 91, 286-286.	1.5	0
113	I can't count, but I can beat you playing cards: a case report on autoimmune encephalitis. BMC Neurology, 2021, 21, 347.	0.8	0
114	Habituation of Somatosensory Evoked Potentials in Patients with Alzheimer's Disease and Those with Vascular Dementia. Medicina (Lithuania), 2021, 57, 1364.	0.8	0