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List of Publications by Year
in descending order

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104 papers	3,826 citations	126907 33 h-index	133252 59 g-index
107 all docs	107 docs citations	107 times ranked	3728 citing authors

#	Article	IF	Citations
1	Electrically induced cycling and nutritional counseling for counteracting obesity after spinal cord injury: A pilot study. Journal of Spinal Cord Medicine, 2021, 44, 533-540.	1.4	14
2	Providing unloading by exoskeleton improves shoulder flexion performance after stroke. Experimental Brain Research, 2021, 239, 1539-1549.	1.5	4
3	Characteristics of rectus femoris activation and rectus femorisâ€“hamstrings coactivation during force-matching isometric knee extension in subacute stroke. Experimental Brain Research, 2021, 239, 2621-2633.	1.5	2
4	Perception and predictors of health locus of control at rehabilitation discharge and 1 year after traumatic spinal cord injury. International Journal of Rehabilitation Research, 2021, Publish Ahead of Print, 370-376.	1.3	0
5	Longitudinal Changes in Temporospatial Gait Characteristics during the First Year Post-Stroke. Brain Sciences, 2021, 11, 1648.	2.3	9
6	Relations between knee and ankle muscle coactivation and temporospatial gait measures in patients without hypertonia early after stroke. Experimental Brain Research, 2020, 238, 2909-2919.	1.5	6
7	Bipolar transcutaneous spinal stimulation evokes short-latency reflex responses in human lower limbs alike standard unipolar electrode configuration. Journal of Neurophysiology, 2020, 124, 1072-1082.	1.8	5
8	Moving forward the field of combination treatments: shared responsibility of researchers, reviewers, and readers. International Journal of Rehabilitation Research, 2020, 43, 1-2.	1.3	0
9	The utility of the single-subject method for comparison of temporal-spatial gait changes between a microprocessor and non-microprocessor prosthetic knees. Prosthetics and Orthotics International, 2020, 44, 133-144.	1.0	0
10	Knee Muscle Stretch Reflex Responses After an Intrathecal Baclofen Bolus in Neurological Patients With Moderate-to-Severe Hypertonia. Neuromodulation, 2020, 23, 1018-1028.	0.8	2
11	Exteroceptive suppression of voluntary activity in thenar muscles by cutaneous stimulation: How many trials should be averaged?. Clinical Neurology and Neurosurgery, 2019, 184, 105452.	1.4	4
12	The Effect of Electrically Induced Cycling and Nutritional Counseling on Cardiometabolic Health in Upper and Lower Motor Neuron Chronic Spinal Cord Injury: Dual Case Report. International Journal of Neurorehabilitation, 2019, 06, .	0.1	4
13	Differential Expression of Genes Related to Innate Immune Responses in Ex Vivo Spinal Cord and Cerebellar Slice Cultures Infected with West Nile Virus. Brain Sciences, 2019, 9, 1.	2.3	43
14	Response to the Comment on â€œGait Impairments in Patients Without Lower Limb Hypertonia Early After Stroke Are Related to Weakness of Paretic Knee Flexorsâ€• Archives of Physical Medicine and Rehabilitation, 2019, 100, 1992-1993.	0.9	0
15	Safety and preliminary efficacy of functional electrical stimulation cycling in an individual with cervical cord injury, autonomic dysreflexia, and a pacemaker: Case report. Journal of Spinal Cord Medicine, 2019, 44, 1-4.	1.4	3
16	Gait Impairments in Patients Without Lower Limb Hypertonia Early Poststroke Are Related to Weakness of Paretic Knee Flexors. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1091-1101.	0.9	8
17	Comparison of mobility and user satisfaction between a microprocessor knee and a standard prosthetic knee: a summary of seven single-subject trials. International Journal of Rehabilitation Research, 2018, 41, 63-73.	1.3	12
18	Improvements in force variability and structure from vision- to memory-guided submaximal isometric knee extension in subacute stroke. Journal of Applied Physiology, 2018, 124, 592-603.	2.5	4

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19	Weight compensation characteristics of ArmeoÂ®Spring exoskeleton: implications for clinical practice and research. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 14.	4.6	18
20	Focal Electroencephalographic Changes Index Post-Traumatic Confusion and Outcome. Journal of Neurotrauma, 2017, 34, 2691-2699.	3.4	15
21	Intrathecal baclofen bolus reduces exaggerated extensor coactivation during pre-swing and early-swing of gait after acquired brain injury. Clinical Neurophysiology, 2017, 128, 725-733.	1.5	8
22	Increased alertness, better than posture prioritization, explains dual-task performance in prosthesis users and controls under increasing postural and cognitive challenge. Experimental Brain Research, 2017, 235, 3527-3539.	1.5	12
23	Osteopontin facilitates West Nile virus neuroinvasion via neutrophil â€œTrojan horseâ€•transport. Scientific Reports, 2017, 7, 4722.	3.3	67
24	Interleukin-17A Promotes CD8⁺T Cell Cytotoxicity To Facilitate West Nile Virus Clearance. Journal of Virology, 2017, 91, .	3.4	46
25	Residual standard deviation: Validation of a new measure of dual-task cost in below-knee prosthesis users. Gait and Posture, 2017, 51, 91-96.	1.4	13
26	Zika Virus and Guillainâ€“Barre Syndrome: Is There Sufficient Evidence for Causality?. Frontiers in Neurology, 2016, 7, 170.	2.4	18
27	Variability, frequency composition, and temporal regularity of submaximal isometric elbow flexion force in subacute stroke. Experimental Brain Research, 2016, 234, 3145-3155.	1.5	5
28	TLR8 Couples SOCS-1 and Restrains TLR7-Mediated Antiviral Immunity, Exacerbating West Nile Virus Infection in Mice. Journal of Immunology, 2016, 197, 4425-4435.	0.8	28
29	Does astroglial protein S100B contribute to West Nile neuro-invasive syndrome?. Journal of the Neurological Sciences, 2015, 358, 243-252.	0.6	14
30	Validity and reliability of the Serbian version of Patient-Reported Impact of Spasticity Measure in multiple sclerosis. International Journal of Rehabilitation Research, 2015, 38, 199-205.	1.3	7
31	Effect of Intrathecal Baclofen Bolus Injection on Ankle Muscle Activation During Gait in Patients With Acquired Brain Injury. Neurorehabilitation and Neural Repair, 2015, 29, 163-173.	2.9	5
32	Intersegmental coordination scales with gait speed similarly in men and women. Experimental Brain Research, 2015, 233, 3175-3185.	1.5	10
33	Intersegmental coordination of gait after hemorrhagic stroke. Experimental Brain Research, 2015, 233, 125-135.	1.5	20
34	West nile virus infection and myasthenia gravis. Muscle and Nerve, 2014, 49, 26-29.	2.2	52
35	Variability, frequency composition, and complexity of submaximal isometric knee extension force from subacute to chronic stroke. Neuroscience, 2014, 273, 189-198.	2.3	21
36	Impaired force steadiness is associated with changes in force frequency composition in subacute stroke. Neuroscience, 2013, 242, 69-77.	2.3	10

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37	Stride lengthâ€“cadence relationship is disrupted in below-knee prosthesis users. Gait and Posture, 2013, 38, 883-887.	1.4	16
38	Predictors of oral health after spinal cord injury. Spinal Cord, 2013, 51, 300-305.	1.9	3
39	Coactivation of ankle muscles during stance phase of gait in patients with lower limb hypertonia after acquired brain injury. Clinical Neurophysiology, 2012, 123, 1599-1605.	1.5	49
40	Effect of concentration and mode of intrathecal baclofen administration on soleus H-reflex in patients with muscle hypertonia. Clinical Neurophysiology, 2012, 123, 2200-2204.	1.5	10
41	Lower limb preference on goal-oriented tasks in unilateral prosthesis users. Gait and Posture, 2012, 36, 249-253.	1.4	6
42	Electromyogramâ€“Lengthening Velocity Relation in Plantar Flexors During Stance Phase of Gait in Patients With Hypertonia After Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2012, 93, 2287-2294.	0.9	2
43	Neuromuscular Manifestations of West Nile Virus Infection. Frontiers in Neurology, 2012, 3, 37.	2.4	97
44	Glial S100B is elevated in serum across the spectrum of west nile virus infection. Muscle and Nerve, 2012, 45, 826-830.	2.2	14
45	Force control of quadriceps muscle is bilaterally impaired in subacute stroke. Journal of Applied Physiology, 2011, 111, 1290-1295.	2.5	33
46	The cutaneous silent period is preserved in cervical radiculopathy: significance for the diagnosis of cervical myelopathy. European Spine Journal, 2011, 20, 236-239.	2.2	11
47	Neuronal and glial cerebrospinal fluid protein biomarkers are elevated after West Nile Virus infection. Muscle and Nerve, 2010, 41, 42-49.	2.2	31
48	Stem cells in the treatment of chronic spinal cord injury: evaluation of somatosensitive-evoked potentials in 39 patients. Spinal Cord, 2010, 48, 649-649.	1.9	6
49	Review: Procedure- and Device-Related Complications of Intrathecal Baclofen Administration for Management of Adult Muscle Hypertonia: A Review. Neurorehabilitation and Neural Repair, 2010, 24, 609-619.	2.9	54
50	Temporospatial characteristics of gait in patients with lower limb muscle hypertonia after traumatic brain injury. Brain Injury, 2010, 24, 1575-1584.	1.2	20
51	Light curtain for detecting footfall instants during treadmill walkingâ€”An exploratory study. Gait and Posture, 2010, 31, 403-406.	1.4	0
52	Effect of Intrathecal Baclofen Bolus Injection on Lower Extremity Joint Range of Motion During Gait in Patients With Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2010, 91, 30-34.	0.9	9
53	Letter to the Editor. Neurorehabilitation and Neural Repair, 2009, 23, 870-871.	2.9	1
54	Comparison of the CIQ and chart short form in assessing community integration in individuals with chronic spinal cord injury: A pilot study. NeuroRehabilitation, 2009, 24, 185-192.	1.3	34

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55	Effect of centerline-guided walking on gait characteristics in healthy subjects. Journal of Biomechanics, 2009, 42, 1134-1137.	2.1	4
56	Clinical and Neurophysiologie Assessment of Strength and Spasticity During Intrathecal Baclofen Titration in Incomplete Spinal Cord Injury: Single-Subject Design. Journal of Spinal Cord Medicine, 2009, 32, 183-190.	1.4	9
57	Agreement Between Temporospatial Gait Parameters of an Electronic Walkway and a Motion Capture System in Healthy and Chronic Stroke Populations. American Journal of Physical Medicine and Rehabilitation, 2009, 88, 437-444.	1.4	62
58	Risk Factors for Falls During Inpatient Rehabilitation. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 341-353.	1.4	73
59	Perceived information needs of community-dwelling persons with chronic spinal cord injury: Findings of a survey and impact of race. Disability and Rehabilitation, 2007, 29, 1305-1312.	1.8	22
60	Neurophysiological basis and clinical applications of the H-reflex as an adjunct for evaluating response to intrathecal baclofen for spasticity. , 2007, 97, 231-241.		14
61	Dose-response relationship between the H-reflex and continuous intrathecal baclofen administration for management of spasticity. Clinical Neurophysiology, 2006, 117, 1283-1289.	1.5	16
62	Statins and polyneuropathy: Setting the record straight. Muscle and Nerve, 2005, 32, 428-430.	2.2	15
63	Neuromuscular manifestations of human West Nile virus infection. Current Treatment Options in Neurology, 2005, 7, 15-22.	1.8	42
64	Effect of Intrathecal Baclofen Bolus Injection on Temporospatial Gait Characteristics in Patients With Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1127-1133.	0.9	46
65	Comparison of Clinical and Neurophysiologic Responses to Intrathecal Baclofen Bolus Administration in Moderate-to-Severe Spasticity After Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1801-1806.	0.9	38
66	Clinical Neurophysiological Assessment of Residual Motor Control in Post-Spinal Cord Injury Paralysis. Neurorehabilitation and Neural Repair, 2004, 18, 144-153.	2.9	100
67	Neurophysiologic Evaluation of Spastic Hypertonia. American Journal of Physical Medicine and Rehabilitation, 2004, 83, S10-S18.	1.4	31
68	Spinal Cord Neuropathology in Human West NileVirus Infection. Archives of Pathology and Laboratory Medicine, 2004, 128, 533-537.	2.5	98
69	Depression of spinal motoneurons may underlie weakness associated with severe anemia. Muscle and Nerve, 2003, 27, 108-112.	2.2	4
70	Clinical spectrum of muscle weakness in human West Nile virus infection. Muscle and Nerve, 2003, 28, 302-308.	2.2	81
71	Retrograde regeneration following neurotmesis of the ulnar nerve. Muscle and Nerve, 2003, 28, 512-514.	2.2	6
72	Article 9. Archives of Physical Medicine and Rehabilitation, 2003, 84, E2.	0.9	1

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73	West Nile poliomyelitis. Lancet Infectious Diseases, The, 2003, 3, 9-10.	9.1	54
74	Acute flaccid paralysis caused by West Nile virus â€“ Authors' reply. Lancet Infectious Diseases, The, 2003, 3, 189-190.	9.1	6
75	Neurologic Manifestations and Outcome of West Nile Virus Infection. JAMA - Journal of the American Medical Association, 2003, 290, 511.	7.4	523
76	Acute Flaccid Paralysis and West Nile Virus Infection. Emerging Infectious Diseases, 2003, 9, 788-793.	4.3	180
77	A Poliomyelitis-like Syndrome from West Nile Virus Infection. New England Journal of Medicine, 2002, 347, 1279-1280.	27.0	188
78	The Effect of Transcutaneous Electrical Stimulation on Spinal Motor Neuron Excitability in People Without Known Neuromuscular Diseases: The Roles of Stimulus Intensity and Location. Physical Therapy, 2002, 82, 354-363.	2.4	39
79	Importance of Montage Variation for the Assessment of the Cervical Spinal Cord. American Journal of Electroneurodiagnostic Technology, 2002, 42, 34-42.	0.2	0
80	The effect of transcutaneous electrical stimulation on spinal motor neuron excitability in people without known neuromuscular diseases: the roles of stimulus intensity and location. Physical Therapy, 2002, 82, 354-63.	2.4	12
81	Nociceptive fingertip stimulation inhibits synergistic motoneuron pools in the human upper limb. Neurology, 2000, 55, 1305-1309.	1.1	72
82	Respiratory and Limb Muscle Function in Lung Allograft Recipients. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1205-1211.	5.6	55
83	Sources of Movement-Related Cortical Potentials Derived From Foot, Finger, and Mouth Movements. Journal of Clinical Neurophysiology, 1999, 16, 361-372.	1.7	17
84	Source localization of P300 from oddball, single stimulus, and omitted-stimulus paradigms. Brain Topography, 1998, 11, 141-151.	1.8	59
85	Relating clinical and neurophysiological assessment of spasticity by machine learning. International Journal of Medical Informatics, 1998, 49, 243-251.	3.3	9
86	Transcranial Magnetic Stimulation (TMS) induces inhibition at a cortical level. , 1998, 21, 551-551c.		1
87	Assessment of Corticospinal Function in Spinal Cord Injury Using Transcranial Motor Cortex Stimulation: A Review. Journal of Neurotrauma, 1997, 14, 539-548.	3.4	31
88	Intracortical inhibition of lower limb motor-evoked potentials after paired transcranial magnetic stimulation. Experimental Brain Research, 1997, 117, 437-443.	1.5	49
89	Generators for human P300 elicited by somatosensory stimuli using multiple dipole source analysis. Neuroscience, 1996, 75, 275-287.	2.3	64
90	Modification of motor control of wrist extension by mesh-glove electrical afferent stimulation in stroke patients. Archives of Physical Medicine and Rehabilitation, 1996, 77, 252-258.	0.9	78

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91	Dissociation of cortical areas responsible for evoking excitatory and inhibitory responses in the small hand muscles. Brain Topography, 1996, 8, 397-405.	1.8	14
92	The relative sensitivity of F wave and H reflex to changes in motoneuronal excitability. , 1996, 19, 1342-1344.		28
93	Effect of fatiguing maximal voluntary contraction on excitatory and inhibitory responses elicited by transcranial magnetic motor cortex stimulation. Muscle and Nerve, 1996, 19, 1017-1024.	2.2	77
94	Spinal motoneuron excitability after acute spinal cord injury in humans. Neurology, 1996, 47, 231-237.	1.1	98
95	Spinal motor neuron excitability during the cutaneous silent period. Muscle and Nerve, 1995, 18, 1464-1470.	2.2	58
96	Focal depression of cortical excitability induced by fatiguing muscle contraction: a transcranial magnetic stimulation study. Experimental Brain Research, 1995, 105, 276-282.	1.5	115
97	Control of Ia afferent input to triceps surae (soleus) locomotor nucleus precedes agonist muscle activation during gait. Journal of Electromyography and Kinesiology, 1995, 5, 95-100.	1.7	3
98	Electric source localization of the auditory P300 agrees with magnetic source localization. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 538-545.	2.0	115
99	Letters to the editor. Muscle and Nerve, 1994, 17, 112-120.	2.2	2
100	Advances in neurology, volume 63: Electrical and magnetic stimulation of the brain and spinal cord. Editors: O. Devinsky, A. Beric, and M. Dogali, Raven Press, 1185 Avenue of the Americas, New York, NY 10036, 1993, 343 pp., $110.00. Muscle and Nerve, 1994, 17, 1224-1224.	2.2	2
101	CHARACTERISTICS OF THE SILENT PERIOD AFTER TRANSCRANIAL MAGNETIC STIMULATION. American Journal of Physical Medicine and Rehabilitation, 1994, 73, 98-102.	1.4	21
102	N-acetylcysteine inhibits muscle fatigue in humans.. Journal of Clinical Investigation, 1994, 94, 2468-2474.	8.2	252
103	Development and reversal of fatigue in human tibialis anterior. Muscle and Nerve, 1993, 16, 1239-1245.	2.2	19
104	Effect of the inhibitory phenomenon following magnetic stimulation of cortex on brainstem motor neuron excitability and on the cortical control of brainstem reflexes. Muscle and Nerve, 1993, 16, 1351-1358.	2.2	33