

Marco Schieppati

List of Publications by Year in descending order

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180
papers

10,242
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26630

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times ranked

5690
citing authors

#	ARTICLE	IF	CITATIONS
1	Balance Adaptation While Standing on a Compliant Base Depends on the Current Sensory Condition in Healthy Young Adults. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 839799.	2.0	6
2	Basic Spatiotemporal Gait Variables of Young and Older Healthy Volunteers Walking Along a Novel Figure-of-8 Path. <i>Frontiers in Neurology</i> , 2021, 12, 698160.	2.4	4
3	Cutaneous and muscular afferents from the foot and sensory fusion processing: Physiology and pathology in neuropathies. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, 17-34.	3.1	11
4	A pathophysiological model of gait captures the details of the impairment of pace/rhythm, variability and asymmetry in Parkinsonian patients at distinct stages of the disease. <i>Scientific Reports</i> , 2021, 11, 21143.	3.3	7
5	Specific Posture-Stabilising Effects of Vision and Touch Are Revealed by Distinct Changes of Body Oscillation Frequencies. <i>Frontiers in Neurology</i> , 2021, 12, 756984.	2.4	16
6	Cognitive performance during gait is worsened by overground but enhanced by treadmill walking. <i>Gait and Posture</i> , 2020, 76, 182-187.	1.4	24
7	Adaptation of balancing behaviour during continuous perturbations of stance. Supra-postural visual tasks and platform translation frequency modulate adaptation rate. <i>PLoS ONE</i> , 2020, 15, e0236702.	2.5	8
8	Post-Effect on the Centre of Feet Pressure during Stance by Continuous Asymmetric Mediolateral Translations of a Supporting Platform – A Preliminary Study in Healthy Young Adults. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5969.	2.5	0
9	Responsiveness and minimal clinically important difference of the Mini-BESTest in patients with Parkinson’s disease. <i>Gait and Posture</i> , 2020, 80, 14-19.	1.4	23
10	Podokinetic After-Rotation Is Transiently Enhanced or Reversed by Unilateral Axial Muscle Proprioceptive Stimulation. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	3
11	Vision Does Not Necessarily Stabilize the Head in Space During Continuous Postural Perturbations. <i>Frontiers in Neurology</i> , 2019, 10, 748.	2.4	9
12	Walking Along Curved Trajectories. Changes With Age and Parkinson's Disease. Hints to Rehabilitation. <i>Frontiers in Neurology</i> , 2019, 10, 532.	2.4	30
13	Human Balance in Response to Continuous, Predictable Translations of the Support Base: Integration of Sensory Information, Adaptation to Perturbations, and the Effect of Age, Neuropathy and Parkinson’s Disease. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5310.	2.5	11
14	Subjective stability perception is related to postural anxiety in older subjects. <i>Gait and Posture</i> , 2019, 68, 538-544.	1.4	17
15	A Simple Method for Measuring the Changeable Mechanical Action of Unloader Knee Braces for Osteoarthritis. <i>Irbm</i> , 2018, 39, 136-142.	5.6	4
16	Balance in patients with Marfan syndrome. <i>Translational Science of Rare Diseases</i> , 2018, 3, 145-156.	1.5	2
17	Balance in Blind Subjects: Cane and Fingertip Touch Induce Similar Extent and Promptness of Stance Stabilization. <i>Frontiers in Neuroscience</i> , 2018, 12, 639.	2.8	6
18	Instrumental or Physical-Exercise Rehabilitation of Balance Improves Both Balance and Gait in Parkinson’s Disease. <i>Neural Plasticity</i> , 2018, 2018, 1-17.	2.2	45

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19	Abnormal gait pattern emerges during curved trajectories in high-functioning Parkinsonian patients walking in line at normal speed. <i>PLoS ONE</i> , 2018, 13, e0197264.	2.5	21
20	Potential of muscle strength by focal vibratory stimulation on quadriceps femoris. <i>Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia</i> , 2018, 40, 90-96.	0.3	4
21	Body Sway Increases After Functional Inactivation of the Cerebellar Vermis by cTBS. <i>Cerebellum</i> , 2017, 16, 1-14.	2.5	31
22	Tuning of Muscle Synergies During Walking Along Rectilinear and Curvilinear Trajectories in Humans. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1204-1218.	2.5	47
23	Body sway adaptation to addition but not withdrawal of stabilizing visual information is delayed by a concurrent cognitive task. <i>Journal of Neurophysiology</i> , 2017, 117, 777-785.	1.8	12
24	Gait abnormalities of COPD are not directly related to respiratory function. <i>Gait and Posture</i> , 2017, 58, 352-357.	1.4	33
25	Curved Walking Rehabilitation with a Rotating Treadmill in Patients with Parkinson's Disease: A Proof of Concept. <i>Frontiers in Neurology</i> , 2017, 8, 53.	2.4	8
26	Haptic Cues for Balance: Use of a Cane Provides Immediate Body Stabilization. <i>Frontiers in Neuroscience</i> , 2017, 11, 705.	2.8	9
27	Stepping in Place While Voluntarily Turning Around Produces a Long-Lasting Posteffect Consisting in Inadvertent Turning While Stepping Eyes Closed. <i>Neural Plasticity</i> , 2016, 2016, 1-14.	2.2	6
28	Calibration of the Leg Muscle Responses Elicited by Predictable Perturbations of Stance and the Effect of Vision. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 419.	2.0	18
29	The Neuro-Mechanical Processes That Underlie Goal-Directed Medio-Lateral APA during Gait Initiation. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 445.	2.0	48
30	Engagement of the Rat Hindlimb Motor Cortex across Natural Locomotor Behaviors. <i>Journal of Neuroscience</i> , 2016, 36, 10440-10455.	3.6	60
31	Reply to Commentary by Miguel Fernández-del-Olmo on "Intensive cycle ergometer training improves gait speed and endurance in patients with Parkinson's disease: A comparison with treadmill training" by Arcolin et al., 2016. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 693-695.	0.7	0
32	Intensive cycle ergometer training improves gait speed and endurance in patients with Parkinson's disease: A comparison with treadmill training. <i>Restorative Neurology and Neuroscience</i> , 2015, 34, 125-138.	0.7	21
33	Processing time of addition or withdrawal of single or combined balance-stabilizing haptic and visual information. <i>Journal of Neurophysiology</i> , 2015, 114, 3097-3110.	1.8	22
34	The generation of centripetal force when walking in a circle: insight from the distribution of ground reaction forces recorded by plantar insoles. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 4.	4.6	23
35	Long-lasting effects of neck muscle vibration and contraction on self-motion perception of vestibular origin. <i>Clinical Neurophysiology</i> , 2015, 126, 1886-1900.	1.5	31
36	Neck Proprioception Shapes Body Orientation and Perception of Motion. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 895.	2.0	88

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37	Time-interval for integration of stabilizing haptic and visual information in subjects balancing under static and dynamic conditions. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 190.	2.5	24
38	Effects of balance and gait rehabilitation in cerebellar disease of vascular or degenerative origin. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 233-245.	0.7	15
39	By counteracting gravity, triceps surae sets both kinematics and kinetics of gait. <i>Physiological Reports</i> , 2014, 2, e00229.	1.7	50
40	Analogy, explanation, and proof. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 867.	2.0	10
41	Afferent control of walking: Are there distinct deficits associated to loss of fibres of different diameter?. <i>Clinical Neurophysiology</i> , 2014, 125, 327-335.	1.5	18
42	Test-retest reliability of an insole plantar pressure system to assess gait along linear and curved trajectories. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 95.	4.6	40
43	Rapid processing of haptic cues for postural control in blind subjects. <i>Clinical Neurophysiology</i> , 2014, 125, 1427-1439.	1.5	22
44	Leg muscle activity during tandem stance and the control of body balance in the frontal plane. <i>Clinical Neurophysiology</i> , 2013, 124, 1175-1186.	1.5	63
45	Prolonged asymmetric vestibular stimulation induces opposite, long-term effects on self-motion perception and ocular responses. <i>Journal of Physiology</i> , 2013, 591, 1907-1920.	2.9	33
46	The Functional Role of the Triceps Suræ Muscle during Human Locomotion. <i>PLoS ONE</i> , 2013, 8, e52943.	2.5	78
47	Spinal and supraspinal stretch responses of postural muscles in early Parkinsonian patients. <i>Experimental Neurology</i> , 2012, 237, 407-417.	4.1	10
48	Sensorimotor integration during stance: Processing time of active or passive addition or withdrawal of visual or haptic information. <i>Neuroscience</i> , 2012, 212, 59-76.	2.3	46
49	Sensori-motor integration during stance: Time adaptation of control mechanisms on adding or removing vision. <i>Human Movement Science</i> , 2011, 30, 172-189.	1.4	39
50	Self-motion perception and vestibulo-ocular reflex during whole body yaw rotation in standing subjects: The role of head position and neck proprioception. <i>Human Movement Science</i> , 2011, 30, 314-332.	1.4	28
51	Adaptation to continuous perturbation of balance: Progressive reduction of postural muscle activity with invariant or increasing oscillations of the center of mass depending on perturbation frequency and vision conditions. <i>Human Movement Science</i> , 2011, 30, 262-278.	1.4	46
52	Curved walking in hemiparetic patients. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 858-865.	1.1	22
53	Alternate rhythmic vibratory stimulation of trunk muscles affects walking cadence and velocity in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2010, 121, 240-247.	1.5	51
54	Balance Rehabilitation by Moving Platform and Exercises in Patients With Neuropathy or Vestibular Deficit. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1869-1877.	0.9	49

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55	Walking along circular trajectories in Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 598-604.	3.9	37
56	Post-effect of forward and backward locomotion on body orientation in space during quiet stance. <i>European Journal of Applied Physiology</i> , 2009, 105, 297-307.	2.5	12
57	Stabilometry is a predictor of gait performance in chronic hemiparetic stroke patients. <i>Gait and Posture</i> , 2009, 30, 5-10.	1.4	77
58	Interaction between vision and neck proprioception in the control of stance. <i>Neuroscience</i> , 2009, 164, 1601-1608.	2.3	41
59	Alternate trains of postural muscle vibration promote cyclic body displacement in standing parkinsonian patients. <i>Movement Disorders</i> , 2008, 23, 2186-2193.	3.9	29
60	Graded changes in balancing behavior as a function of visual acuity. <i>Neuroscience</i> , 2008, 153, 1079-1091.	2.3	31
61	Inhibitory effect of the Jendrassik maneuver on the stretch reflex. <i>Neuroscience</i> , 2008, 156, 607-617.	2.3	26
62	Stance ataxia and delayed leg muscle responses to postural perturbations in cervical spondylotic myelopathy. <i>Journal of Rehabilitation Medicine</i> , 2008, 40, 539-547.	1.1	31
63	Equilibrium during static and dynamic tasks in blind subjects: no evidence of cross-modal plasticity. <i>Brain</i> , 2007, 130, 2097-2107.	7.6	96
64	Stance- and Locomotion-Dependent Processing of Vibration-Induced Proprioceptive Inflow From Multiple Muscles in Humans. <i>Journal of Neurophysiology</i> , 2007, 97, 772-779.	1.8	87
65	Changes in Postural Control in Hemiplegic Patients After Stroke Performing a Dual Task. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 1009-1015.	0.9	88
66	The control of equilibrium in Parkinson's disease patients: Delayed adaptation of balancing strategy to shifts in sensory set during a dynamic task. <i>Brain Research Bulletin</i> , 2007, 74, 258-270.	3.0	48
67	Balance control in Sensory Neuron Disease. <i>Clinical Neurophysiology</i> , 2007, 118, 538-550.	1.5	57
68	Postural responses to continuous unilateral neck muscle vibration in standing patients with cervical dystonia. <i>Movement Disorders</i> , 2007, 22, 498-503.	3.9	22
69	Time to reconfigure balancing behaviour in man: changing visual condition while riding a continuously moving platform. <i>Experimental Brain Research</i> , 2007, 178, 18-36.	1.5	33
70	Quiet stance control is affected by prior treadmill but not overground locomotion. <i>European Journal of Applied Physiology</i> , 2007, 100, 331-339.	2.5	25
71	Neck muscle fatigue and postural control in patients with whiplash injury. <i>Clinical Neurophysiology</i> , 2006, 117, 610-622.	1.5	56
72	Balance control in peripheral neuropathy: Are patients equally unstable under static and dynamic conditions?. <i>Gait and Posture</i> , 2006, 23, 364-373.	1.4	127

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73	The posture-related interaction between Ia-afferent and descending input on the spinal reflex excitability in humans. <i>Neuroscience Letters</i> , 2006, 397, 301-306.	2.1	45
74	Effect of fatigue on the precision of a whole-body pointing task. <i>Neuroscience</i> , 2006, 139, 909-920.	2.3	25
75	The postural disorientation induced by neck muscle vibration subsides on lightly touching a stationary surface or aiming at it. <i>Neuroscience</i> , 2006, 143, 1095-1103.	2.3	30
76	Concurrent changes in shortening reaction latency and reaction time of forearm muscles in post-stroke patients. <i>Neurological Sciences</i> , 2006, 26, 402-410.	1.9	9
77	Coordinated modulation of locomotor muscle synergies constructs straight-ahead and curvilinear walking in humans. <i>Experimental Brain Research</i> , 2006, 170, 320-335.	1.5	78
78	Balance in Parkinson's disease under static and dynamic conditions. <i>Movement Disorders</i> , 2006, 21, 1515-1520.	3.9	77
79	Head stabilization on a continuously oscillating platform: the effect of a proprioceptive disturbance on the balancing strategy. <i>Experimental Brain Research</i> , 2005, 165, 261-272.	1.5	61
80	Neck muscle fatigue and spatial orientation during stepping in place in humans. <i>Journal of Applied Physiology</i> , 2005, 99, 141-153.	2.5	35
81	Lack of On-Going Adaptations in the Soleus Muscle Activity During Walking in Patients Affected by Large-Fiber Neuropathy. <i>Journal of Neurophysiology</i> , 2005, 93, 3075-3085.	1.8	37
82	Reflex contribution of spindle group Ia and II afferent input to leg muscle spasticity as revealed by tendon vibration in hemiparesis. <i>Clinical Neurophysiology</i> , 2005, 116, 1370-1381.	1.5	42
83	Trunk muscle proprioceptive input assists steering of locomotion. <i>Neuroscience Letters</i> , 2005, 384, 127-132.	2.1	37
84	Neck proprioception and spatial orientation in cervical dystonia. <i>Brain</i> , 2004, 127, 2764-2778.	7.6	57
85	Tuning of a Basic Coordination Pattern Constructs Straight-Ahead and Curved Walking in Humans. <i>Journal of Neurophysiology</i> , 2004, 91, 1524-1535.	1.8	134
86	A new hip-knee-ankle-foot sling: Kinematic comparison with a traditional ankle-foot orthosis. <i>Journal of Rehabilitation Research and Development</i> , 2004, 41, 707.	1.6	3
87	Botulinum toxin in post-stroke patients: stiffness modifications and clinical implications. <i>Journal of Neurology</i> , 2004, 251, 189-196.	3.6	43
88	Group II spindle fibres and afferent control of stance. Clues from diabetic neuropathy. <i>Clinical Neurophysiology</i> , 2004, 115, 779-789.	1.5	81
89	Trajectories of arm pointing movements on the sagittal plane vary with both direction and speed. <i>Experimental Brain Research</i> , 2003, 148, 498-503.	1.5	95
90	Human walking along a curved path. I. Body trajectory, segment orientation and the effect of vision. <i>European Journal of Neuroscience</i> , 2003, 18, 177-190.	2.6	238

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91	Human walking along a curved path. II. Gait features and EMG patterns. <i>European Journal of Neuroscience</i> , 2003, 18, 191-205.	2.6	158
92	Effects of leg muscle tendon vibration on group Ia and group II reflex responses to stance perturbation in humans. <i>Journal of Physiology</i> , 2003, 550, 617-630.	2.9	114
93	Comparison of Cawthorne-Cooksey exercises and sinusoidal support surface translations to improve balance in patients with unilateral vestibular deficit. No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003, 84, 1173-1184.	0.9	74
94	Neck muscle fatigue affects postural control in man. <i>Neuroscience</i> , 2003, 121, 277-285.	2.3	137
95	Neck Muscle Vibration and Spatial Orientation During Stepping in Place in Humans. <i>Journal of Neurophysiology</i> , 2002, 88, 2232-2241.	1.8	115
96	Does order and timing in performance of imagined and actual movements affect the motor imagery process? The duration of walking and writing task. <i>Behavioural Brain Research</i> , 2002, 134, 209-215.	2.2	116
97	Imagined and actual arm movements have similar durations when performed under different conditions of direction and mass. <i>Experimental Brain Research</i> , 2002, 143, 447-452.	1.5	136
98	Variability in a dynamic postural task attests ample flexibility in balance control mechanisms. <i>Experimental Brain Research</i> , 2002, 144, 200-210.	1.5	62
99	The shortening reaction of forearm muscles: the influence of central set. <i>Clinical Neurophysiology</i> , 2001, 112, 884-894.	1.5	24
100	Continuous, bilateral Achillesâ€™ tendon vibration is not detrimental to human walk. <i>Brain Research Bulletin</i> , 2001, 55, 107-115.	3.0	51
101	R�manence de lâ€™effet vibratoire durant la marche humaine. <i>Soci�t� De Biologie Journal</i> , 2001, 195, 443-446.	0.3	3
102	Electrical and mechanical H_{max}-to-M_{max}ratio in power- and endurance-trained athletes. <i>Journal of Applied Physiology</i> , 2001, 90, 3-9.	2.5	116
103	Neck muscle vibration disrupts steering of locomotion. <i>Journal of Applied Physiology</i> , 2001, 91, 581-588.	2.5	80
104	The complex role of spindle afferent input, as evidenced by the study of posture control in normal subjects and patients. <i>Neurological Sciences</i> , 2001, 22, S15-S20.	1.9	8
105	Stance control is not affected by paresis and reflex hyperexcitability: the case of spastic patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001, 70, 635-643.	1.9	67
106	Loss of large-diameter spindle afferent fibres is not detrimental to the control of body sway during upright stance: evidence from neuropathy. <i>Experimental Brain Research</i> , 2000, 135, 155-162.	1.5	82
107	The relative contribution to the plantar-flexor torque of the soleus motor units activated by the H reflex and M response in humans. <i>Neuroscience Letters</i> , 2000, 288, 127-130.	2.1	15
108	Postural coordination in elderly subjects standing on a periodically moving platform. <i>Archives of Physical Medicine and Rehabilitation</i> , 2000, 81, 1217-1223.	0.9	57

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109	Can Muscle Stiffness Alone Stabilize Upright Standing?. Journal of Neurophysiology, 1999, 82, 1622-1626.	1.8	376
110	Subjective perception of body sway. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 66, 313-322.	1.9	92
111	Comparison of intracortical inhibition and facilitation in distal and proximal arm muscles in humans. Journal of Physiology, 1999, 514, 895-903.	2.9	85
112	Standing on a continuously moving platform: is body inertia counteracted or exploited?. Experimental Brain Research, 1999, 124, 331-341.	1.5	99
113	Chapter 43 Group II Spindle Afferent Fibers in Humans: their Possible Role in the Reflex Control of Stance. Progress in Brain Research, 1999, 123, 461-472.	1.4	57
114	Medium-latency response to muscle stretch in human lower limb: estimation of conduction velocity of group II fibres and central delay. Neuroscience Letters, 1998, 249, 29-32.	2.1	67
115	Time course of stabilometric changes after a strenuous treadmill exercise. Archives of Physical Medicine and Rehabilitation, 1998, 79, 920-924.	0.9	93
116	Fatigue effects on body balance. Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control, 1997, 105, 309-320.	1.4	232
117	Intracortical inhibition and facilitation are abnormal in Huntington's disease: a paired magnetic stimulation study. Neuroscience Letters, 1997, 228, 87-90.	2.1	79
118	Human stance stability improves with the repetition of the task: effect of foot position and visual condition. Neuroscience Letters, 1997, 228, 75-78.	2.1	117
119	Medium-Latency Stretch Reflexes of Foot and Leg Muscles Analysed by Cooling the Lower Limb in Standing Humans. Journal of Physiology, 1997, 503, 691-698.	2.9	134
120	Task-dependent effects evoked by foot muscle afferents on leg muscle activity in humans. Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control, 1996, 101, 339-348.	1.4	50
121	Different effect of height on latency of leg and foot short- and medium-latency EMG responses to perturbation of stance in humans. Neuroscience Letters, 1996, 206, 89-92.	2.1	43
122	Selective facilitation of responses to cortical stimulation of proximal and distal arm muscles by precision tasks in man.. Journal of Physiology, 1996, 491, 551-562.	2.9	78
123	Muscle relaxation in Parkinson's disease: A reaction time study. Movement Disorders, 1996, 11, 411-420.	3.9	33
124	Unilateral displacement of lower limb evokes bilateral EMG responses in leg and foot muscles in standing humans. Experimental Brain Research, 1996, 109, 83-91.	1.5	42
125	The excitability of the human motor cortex increases during execution and mental imagination of sequential but not repetitive finger movements. Experimental Brain Research, 1996, 111, 465-72.	1.5	124
126	Time course of α -related changes in muscle responses to stance perturbation in humans.. Journal of Physiology, 1995, 487, 787-796.	2.9	51

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127	Selective depression of medium-latency leg and foot muscle responses to stretch by an alpha 2-agonist in humans.. Journal of Physiology, 1995, 484, 803-809.	2.9	97
128	Influence of aging on leg muscle reflex responses to stance perturbation. Archives of Physical Medicine and Rehabilitation, 1995, 76, 158-165.	0.9	68
129	Do Secondary Spindle Afferent Fibres Play a Role in the Late Response to Stretch of Leg Muscles in Humans?. , 1995, , 529-532.		0
130	Protective effects of glutathione on cisplatin neurotoxicity in rats. International Journal of Radiation Oncology Biology Physics, 1994, 29, 771-776.	0.8	58
131	Short-latency neck muscle responses to vertical body tilt in normal subjects and in patients with spasmodic torticollis. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 93, 265-275.	2.0	19
132	The limits of equilibrium in young and elderly normal subjects and in parkinsonians. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 93, 286-298.	2.0	220
133	Response of arm flexor muscles to magnetic and electrical brain stimulation during shortening and lengthening tasks in man.. Journal of Physiology, 1994, 481, 499-507.	2.9	110
134	The limits of equilibrium in young and elderly normal subjects and in parkinsonians. Electroencephalography and Clinical Neurophysiology, 1994, 93, 286-298.	0.3	5
135	Central and peripheral coordination in movement sequences. Psychological Research, 1993, 55, 124-130.	1.7	19
136	Effect of Age, Chronic Diseases and Parkinsonism on Postural Control. , 1993, , 355-373.		8
137	Role of SEP in identifying patients requiring temporary shunt during carotid endarterectomy. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1992, 84, 426-432.	2.0	35
138	Activation of the neck muscles from the ipsi- or contralateral hemisphere during voluntary head movements in humans. A reaction-time study. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1992, 85, 183-189.	2.0	29
139	Preferential Activation of the Sternocleidomastoid Muscles by the Ipsilateral Motor Cortex during Voluntary Rapid Head Rotations in Humans. , 1992, , 597-600.		3
140	FREE AND SUPPORTED STANCE IN PARKINSON'S DISEASE: THE EFFECT OF POSTURE AND 'POSTURAL SET' ON LEG MUSCLE RESPONSES TO PERTURBATION, AND ITS RELATION TO THE SEVERITY OF THE DISEASE. Brain, 1991, 114, 1227-1244.	7.6	254
141	Recurrent and reciprocal inhibition of the human monosynaptic reflex shows opposite changes following intravenous administration of acetylcarnitine. Acta Physiologica Scandinavica, 1991, 143, 27-32.	2.2	26
142	Convergence of Ia fibres from synergistic and antagonistic muscles onto interneurons inhibitory to soleus in humans.. Journal of Physiology, 1990, 431, 365-377.	2.9	52
143	Different activations of the soleus and gastrocnemii muscles in response to various types of stance perturbation in man. Experimental Brain Research, 1990, 80, 323-32.	1.5	74
144	Early and late stretch responses of human foot muscles induced by perturbation of stance. Experimental Brain Research, 1990, 105, 411-22.	1.5	97

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145	Enhancement of recurrent inhibition by intravenous administration of L-acetylcarnitine in spastic patients.. Journal of Neurology, Neurosurgery and Psychiatry, 1990, 53, 321-326.	1.9	13
146	RESPONSES OF LEG MUSCLES IN HUMANS DISPLACED WHILE STANDING. Brain, 1990, 113, 65-84.	7.6	109
147	Patterns of activity of perioral facial muscles during mastication in man. Experimental Brain Research, 1989, 77, 103-112.	1.5	41
148	Influences of transcutaneous electrical stimulation of cutaneous and mixed nerves on subcortical and cortical somatosensory evoked potentials. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1989, 74, 24-35.	2.0	35
149	Selective recruitment of high-threshold human motor units during voluntary isotonic lengthening of active muscles.. Journal of Physiology, 1989, 409, 451-471.	2.9	490
150	Short-latency inhibition of soleus motoneurons by impulses in Ia afferents from the gastrocnemius muscle in humans.. Journal of Physiology, 1989, 416, 469-484.	2.9	48
151	Postural adjustments associated with voluntary contraction of leg muscles in standing man. Experimental Brain Research, 1988, 69, 469-80.	1.5	146
152	Shift of activity from slow to fast muscle during voluntary lengthening contractions of the triceps surae muscles in humans.. Journal of Physiology, 1988, 395, 363-381.	2.9	202
153	Reflex excitability of human soleus motoneurons during voluntary shortening or lengthening contractions.. Journal of Physiology, 1987, 390, 271-284.	2.9	135
154	The Hoffmann reflex: A means of assessing spinal reflex excitability and its descending control in man. Progress in Neurobiology, 1987, 28, 345-376.	5.7	540
155	Changes in the Normal Pattern of H-Reflex Inhibition During Muscle Release in ALS. , 1987, 209, 155-158.		1
156	Inhibition of jaw-closing muscle activity by tactile air-jet stimulation of peri- and intra-oral sites in man. Archives of Oral Biology, 1986, 31, 273-278.	1.8	27
157	Excitability of reciprocal and recurrent inhibitory pathways after voluntary muscle relaxation in man. Experimental Brain Research, 1985, 59, 249-56.	1.5	30
158	Voluntary muscle release is not accompanied by H-reflex inhibition in patients with upper moto neuron lesions. Neuroscience Letters, 1985, 61, 177-181.	2.1	22
159	Muscle release is not accompanied by H-reflex inhibition in spastic patients. Electroencephalography and Clinical Neurophysiology, 1985, 61, S208.	0.3	0
160	From activity to rest: gating of excitatory autogenetic afferences from the relaxing muscle in man. Experimental Brain Research, 1984, 56, 448-57.	1.5	105
161	Interhemispheric transfer of voluntary motor commands in man. Electroencephalography and Clinical Neurophysiology, 1984, 57, 441-447.	0.3	149
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166	Physiologically versus electrically evoked somatosensory cortical potentials. <i>Electroencephalography and Clinical Neurophysiology</i> , 1983, 56, S73-S74.	0.3	1
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