

Janet L Taylor

List of Publications by Year in descending order

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224
papers

13,822
citations

16451

64
h-index

24982

109
g-index

227
all docs

227
docs citations

227
times ranked

8015
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of acute intermittent hypoxia on human limb motoneurone output. <i>Experimental Physiology</i> , 2022, 107, 615-630.	2.0	8
2	Effects of reciprocal inhibition and whole-body relaxation on persistent inward currents estimated by two different methods. <i>Journal of Physiology</i> , 2022, 600, 2765-2787.	2.9	25
3	5-HT ₂ receptor antagonism reduces human motoneuron output to antidromic activation but not to stimulation of corticospinal axons. <i>European Journal of Neuroscience</i> , 2022, 56, 3674-3686.	2.6	8
4	Effects of different modalities of afferent stimuli of the lumbo-sacral area on control of lumbar paravertebral muscles. <i>European Journal of Neuroscience</i> , 2022, 56, 3687-3704.	2.6	1
5	Location-specific cutaneous electrical stimulation of the footsole modulates corticospinal excitability to the plantarflexors and dorsiflexors during standing. <i>Physiological Reports</i> , 2022, 10, .	1.7	3
6	H-reflex and M-wave responses after voluntary and electrically evoked muscle cramping. <i>European Journal of Applied Physiology</i> , 2021, 121, 659-672.	2.5	1
7	Voluntary activation of knee extensor muscles with transcranial magnetic stimulation. <i>Journal of Applied Physiology</i> , 2021, 130, 589-604.	2.5	7
8	Involuntary sustained firing of plantar flexor motor neurones: effect of electrical stimulation parameters during tendon vibration. <i>European Journal of Applied Physiology</i> , 2021, 121, 881-891.	2.5	10
9	Human corticospinal-motoneuronal output is reduced with 5-HT ₂ receptor antagonism. <i>Journal of Neurophysiology</i> , 2021, 125, 1279-1288.	1.8	15
10	Effects of postexercise blood flow occlusion on quadriceps responses to transcranial magnetic stimulation. <i>Journal of Applied Physiology</i> , 2021, 130, 1326-1336.	2.5	0
11	Early Detection of Prolonged Decreases in Maximal Voluntary Contraction Force after Eccentric Exercise of the Knee Extensors. <i>Medicine and Science in Sports and Exercise</i> , 2021, Publish Ahead of Print, 267-279.	0.4	1
12	Quadriceps Muscle Fatigue Reduces Extension and Flexion Power During Maximal Cycling. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 797288.	1.8	1
13	Effect of fatigue-related group III/IV afferent firing on intracortical inhibition and facilitation in hand muscles. <i>Journal of Applied Physiology</i> , 2020, 128, 149-158.	2.5	10
14	Genioglossus motor unit activity in supine and upright postures in obstructive sleep apnea. <i>Sleep</i> , 2020, 43, .	1.1	9
15	Supraspinal fatigue in human inspiratory muscles with repeated sustained maximal efforts. <i>Journal of Applied Physiology</i> , 2020, 129, 1365-1372.	2.5	3
16	Passive muscle stretching reduces estimates of persistent inward current strength in soleus motor units. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	27
17	A time-efficient method to determine parameters for measurement of short-interval intracortical inhibition for quadriceps. <i>European Journal of Neuroscience</i> , 2020, 52, 4751-4761.	2.6	7
18	Impaired central drive to plantarflexors and minimal ankle proprioceptive deficit in people with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102584.	2.0	7

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19	Fatigue-related Feedback from Calf Muscles Impairs Knee Extensor Voluntary Activation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2136-2144.	0.4	10
20	Enhanced serotonin availability amplifies fatigue perception and modulates the TMS-induced silent period during sustained low-intensity elbow flexions. <i>Journal of Physiology</i> , 2020, 598, 2685-2701.	2.9	30
21	High-intensity, low-frequency repetitive transcranial magnetic stimulation enhances excitability of the human corticospinal pathway. <i>Journal of Neurophysiology</i> , 2020, 123, 1969-1978.	1.8	8
22	Age has no effect on ankle proprioception when movement history is controlled. <i>Journal of Applied Physiology</i> , 2020, 128, 1365-1372.	2.5	14
23	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. <i>PLoS ONE</i> , 2020, 15, e0227462.	2.5	0
24	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
25	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
26	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
27	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
28	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
29	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
30	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
31	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
32	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
33	Scrambling the skin: A psychophysical study of adaptation to scrambled tactile apparent motion. , 2020, 15, e0227462.		0
34	Elbow angle modulates corticospinal excitability to the resting biceps brachii at both spinal and supraspinal levels. <i>Experimental Physiology</i> , 2019, 104, 546-555.	2.0	5
35	The effect of paired corticospinal motoneuronal stimulation on maximal voluntary elbow flexion in cervical spinal cord injury: an experimental study. <i>Spinal Cord</i> , 2019, 57, 796-804.	1.9	8
36	Biases in tactile localization by pointing: compression for weak stimuli and centering for distributions of stimuli. <i>Journal of Neurophysiology</i> , 2019, 121, 764-772.	1.8	11

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37	Test-retest reliability of elbow flexor contraction characteristics with tensiomyography for different elbow joint angles. <i>Journal of Electromyography and Kinesiology</i> , 2019, 45, 26-32.	1.7	9
38	Aerobic Exercise Reduces Pressure More Than Heat Pain Sensitivity in Healthy Adults. <i>Pain Medicine</i> , 2019, 20, 1534-1546.	1.9	8
39	Enhanced availability of serotonin increases activation of unfatigued muscle but exacerbates central fatigue during prolonged sustained contractions. <i>Journal of Physiology</i> , 2019, 597, 319-332.	2.9	60
40	Reflex response to airway occlusion in human inspiratory muscles when recruited for breathing and posture. <i>Journal of Applied Physiology</i> , 2019, 126, 132-140.	2.5	3
41	CORP: Measurement of upper and lower limb muscle strength and voluntary activation. <i>Journal of Applied Physiology</i> , 2019, 126, 513-543.	2.5	49
42	Differences in muscle performance during fatigue may explain the differences in motoneurone excitability between acute and chronic hypoxia. <i>Journal of Physiology</i> , 2018, 596, 3425-3425.	2.9	1
43	Effects of acute isometric resistance exercise on cervicomedullary motor evoked potentials. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1514-1522.	2.9	2
44	Knee extensor fatigue developed during high-intensity exercise limits lower-limb power production. <i>Journal of Sports Sciences</i> , 2018, 36, 1030-1037.	2.0	4
45	Paired corticospinal-motoneuronal stimulation increases maximal voluntary activation of human adductor pollicis. <i>Journal of Neurophysiology</i> , 2018, 119, 369-376.	1.8	14
46	Involvement of <i>N</i> -methyl-D-aspartate receptors in plasticity induced by paired corticospinal-motoneuronal stimulation in humans. <i>Journal of Neurophysiology</i> , 2018, 119, 652-661.	1.8	19
47	Motoneuron excitability of the quadriceps decreases during a fatiguing submaximal isometric contraction. <i>Journal of Applied Physiology</i> , 2018, 124, 970-979.	2.5	27
48	Muscle Vibration-Induced Illusions: Review of Contributing Factors, Taxonomy of Illusions and User's Guide. <i>Multisensory Research</i> , 2017, 30, 25-63.	1.1	44
49	Human motoneurone excitability is depressed by activation of serotonin 1A receptors with buspirone. <i>Journal of Physiology</i> , 2017, 595, 1763-1773.	2.9	31
50	Occlusion of blood flow attenuates exercise-induced hypoalgesia in the occluded limb of healthy adults. <i>Journal of Applied Physiology</i> , 2017, 122, 1284-1291.	2.5	18
51	Recovery of central and peripheral neuromuscular fatigue after exercise. <i>Journal of Applied Physiology</i> , 2017, 122, 1068-1076.	2.5	164
52	Concurrent electrical cervicomedullary stimulation and cervical transcutaneous spinal direct current stimulation result in a stimulus interaction. <i>Experimental Physiology</i> , 2017, 102, 1309-1320.	2.0	10
53	Voluntary activation of the trapezius muscle in cases with neck/shoulder pain compared to healthy controls. <i>Journal of Electromyography and Kinesiology</i> , 2017, 36, 56-64.	1.7	9
54	Explicit Education About Exercise-Induced Hypoalgesia Influences Pain Responses to Acute Exercise in Healthy Adults: A Randomized Controlled Trial. <i>Journal of Pain</i> , 2017, 18, 1409-1416.	1.4	29

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55	Effects of Four Weeks of Strength Training on the Corticomotoneuronal Pathway. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2286-2296.	0.4	35
56	The effects of cervical transcutaneous spinal direct current stimulation on motor pathways supplying the upper limb in humans. <i>PLoS ONE</i> , 2017, 12, e0172333.	2.5	21
57	Questionable science and reproducibility in electrical brain stimulation research. <i>PLoS ONE</i> , 2017, 12, e0175635.	2.5	52
58	Exploring the Mechanisms of Exercise-Induced Hypoalgesia Using Somatosensory and Laser Evoked Potentials. <i>Frontiers in Physiology</i> , 2016, 7, 581.	2.8	16
59	Time course of human motoneuron recovery after sustained low-level voluntary activity. <i>Journal of Neurophysiology</i> , 2016, 115, 803-812.	1.8	11
60	Stability of biceps brachii M _{Max} with one session of strength training. <i>Muscle and Nerve</i> , 2016, 54, 791-793.	2.2	2
61	Unexpected factors affecting the excitability of human motoneurons in voluntary and stimulated contractions. <i>Journal of Physiology</i> , 2016, 594, 2707-2717.	2.9	13
62	Velocity of motion across the skin influences perception of tactile location. <i>Journal of Neurophysiology</i> , 2016, 115, 674-684.	1.8	8
63	Short-interval cortical inhibition and intracortical facilitation during submaximal voluntary contractions changes with fatigue. <i>Experimental Brain Research</i> , 2016, 234, 2541-2551.	1.5	52
64	Arm posture-dependent changes in corticospinal excitability are largely spinal in origin. <i>Journal of Neurophysiology</i> , 2016, 115, 2076-2082.	1.8	39
65	Measurement of voluntary activation based on transcranial magnetic stimulation over the motor cortex. <i>Journal of Applied Physiology</i> , 2016, 121, 678-686.	2.5	69
66	Reply from S. C. Gandevia, S. L. Khan and J. L. Taylor. <i>Journal of Physiology</i> , 2016, 594, 3847-3848.	2.9	0
67	Effects of fatigue on corticospinal excitability of the human knee extensors. <i>Experimental Physiology</i> , 2016, 101, 1552-1564.	2.0	43
68	Kinesthetic Inputs. , 2016, , 1055-1089.		2
69	Human intersegmental reflexes from intercostal afferents to scalene muscles. <i>Experimental Physiology</i> , 2016, 101, 1301-1308.	2.0	11
70	Feedforward consequences of isometric contractions: effort and ventilation. <i>Physiological Reports</i> , 2016, 4, e12882.	1.7	4
71	Limited Association Between Aerobic Fitness and Pain in Healthy Individuals: A Cross-Sectional Study. <i>Pain Medicine</i> , 2016, 17, 1799-1808.	1.9	12
72	Acute Strength Training Increases Responses to Stimulation of Corticospinal Axons. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 139-150.	0.4	52

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73	Neural Contributions to Muscle Fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2294-2306.	0.4	330
74	More conditioning stimuli enhance synaptic plasticity in the human spinal cord. <i>Clinical Neurophysiology</i> , 2016, 127, 724-731.	1.5	27
75	The Effect of Transcranial Direct Current Stimulation (tDCS) Electrode Size and Current Intensity on Motor Cortical Excitability: Evidence From Single and Repeated Sessions. <i>Brain Stimulation</i> , 2016, 9, 1-7.	1.6	118
76	Comparison of the Effects of Transcranial Random Noise Stimulation and Transcranial Direct Current Stimulation on Motor Cortical Excitability. <i>Journal of ECT</i> , 2015, 31, 67-72.	0.6	23
77	Letter to the Editor. <i>Journal of Spinal Cord Medicine</i> , 2015, 38, 420-420.	1.4	0
78	Fatigue-related firing of muscle nociceptors reduces voluntary activation of ipsilateral but not contralateral lower limb muscles. <i>Journal of Applied Physiology</i> , 2015, 118, 408-418.	2.5	62
79	Weaker Seniors Exhibit Motor Cortex Hypoexcitability and Impairments in Voluntary Activation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1112-1119.	3.6	42
80	Ability Versus Hazard: Risk-Taking and Falls in Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 628-634.	3.6	48
81	TMS-evoked silent periods in scalene and parasternal intercostal muscles during voluntary breathing. <i>Respiratory Physiology and Neurobiology</i> , 2015, 216, 15-22.	1.6	9
82	The Use and Abuse of Transcranial Magnetic Stimulation to Modulate Corticospinal Excitability in Humans. <i>PLoS ONE</i> , 2015, 10, e0144151.	2.5	41
83	Somatosensory Space Abridged: Rapid Change in Tactile Localization Using a Motion Stimulus. <i>PLoS ONE</i> , 2014, 9, e90892.	2.5	16
84	Voluntary Activation is Reduced in Both the More- and Less-Affected Upper Limbs after Unilateral Stroke. <i>Frontiers in Neurology</i> , 2014, 5, 239.	2.4	30
85	Hand function is impaired in healthy older adults at risk of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2014, 121, 1377-1386.	2.8	3
86	Fatigue-related firing of distal muscle nociceptors reduces voluntary activation of proximal muscles of the same limb. <i>Journal of Applied Physiology</i> , 2014, 116, 385-394.	2.5	52
87	Changes in H reflex and neuromechanical properties of the trapezius muscle after 5 weeks of eccentric training: a randomized controlled trial. <i>Journal of Applied Physiology</i> , 2014, 116, 1623-1631.	2.5	20
88	Increase in PAS-induced neuroplasticity after a treatment course of transcranial direct current stimulation for depression. <i>Journal of Affective Disorders</i> , 2014, 167, 140-147.	4.1	55
89	Crossed responses found in human trapezius muscles are not H-reflexes. <i>Muscle and Nerve</i> , 2014, 49, 362-369.	2.2	6
90	Modulation of transcallosal inhibition by bilateral activation of agonist and antagonist proximal arm muscles. <i>Journal of Neurophysiology</i> , 2014, 111, 405-414.	1.8	54

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91	Aerobic Training Increases Pain Tolerance in Healthy Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1640-1647.	0.4	78
92	Proprioceptive Mechanisms and the Human Hand. <i>Springer Tracts in Advanced Robotics</i> , 2014, , 123-141.	0.4	0
93	Neuroplasticity in Depressed Individuals Compared with Healthy Controls. <i>Neuropsychopharmacology</i> , 2013, 38, 2101-2108.	5.4	149
94	Firing of antagonist small diameter muscle afferents reduces voluntary activation and torque of elbow flexors. <i>Journal of Physiology</i> , 2013, 591, 3591-3604.	2.9	49
95	Eccentric exercise inhibits the H reflex in the middle part of the trapezius muscle. <i>European Journal of Applied Physiology</i> , 2013, 113, 77-87.	2.5	23
96	Kinesthetic Inputs. , 2013, , 931-964.		5
97	Twitch interpolation: superimposed twitches decline progressively during a tetanic contraction of human adductor pollicis. <i>Journal of Physiology</i> , 2013, 591, 1373-1383.	2.9	32
98	Testing the excitability of human motoneurons. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 152.	2.0	163
99	Origin of the low-level EMG during the silent period following transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2012, 123, 1409-1414.	1.5	25
100	Paired associative stimulation increases motor cortex excitability more effectively than theta-burst stimulation. <i>Clinical Neurophysiology</i> , 2012, 123, 2220-2226.	1.5	51
101	A checklist for assessing the methodological quality of studies using transcranial magnetic stimulation to study the motor system: An international consensus study. <i>Clinical Neurophysiology</i> , 2012, 123, 1698-1704.	1.5	196
102	Activity dependent depression of the recurrent discharge of human motoneurons after maximal voluntary contractions. <i>Journal of Physiology</i> , 2012, 590, 4957-4969.	2.9	34
103	Daily transcranial direct current stimulation (tDCS) leads to greater increases in cortical excitability than second daily transcranial direct current stimulation. <i>Brain Stimulation</i> , 2012, 5, 208-213.	1.6	174
104	Training in a ballistic task but not a visuomotor task increases responses to stimulation of human corticospinal axons. <i>Journal of Neurophysiology</i> , 2012, 107, 2485-2492.	1.8	19
105	Evoked corticospinal output to the human scalene muscles is altered by lung volume. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 263-268.	1.6	3
106	Effect of experimental muscle pain on maximal voluntary activation of human biceps brachii muscle. <i>Journal of Applied Physiology</i> , 2011, 111, 743-750.	2.5	33
107	Overestimation of force during matching of externally generated forces. <i>Journal of Physiology</i> , 2011, 589, 547-557.	2.9	67
108	Proprioceptive signals contribute to the sense of body ownership. <i>Journal of Physiology</i> , 2011, 589, 3009-3021.	2.9	144

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109	Behaviour of the motoneurone pool in a fatiguing submaximal contraction. <i>Journal of Physiology</i> , 2011, 589, 3533-3544.	2.9	110
110	The reduction in human motoneurone responsiveness during muscle fatigue is not prevented by increased muscle spindle discharge. <i>Journal of Physiology</i> , 2011, 589, 3731-3738.	2.9	50
111	Dynamic changes in the perceived posture of the hand during ischaemic anaesthesia of the arm. <i>Journal of Physiology</i> , 2011, 589, 5775-5784.	2.9	36
112	Differential effects of low-intensity motor cortical stimulation on the inspiratory activity in scalene muscles during voluntary and involuntary breathing. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 265-271.	1.6	14
113	Long-interval intracortical inhibition in a human hand muscle. <i>Experimental Brain Research</i> , 2011, 209, 287-297.	1.5	47
114	Altered corticospinal transmission to the hand after maximum voluntary efforts. <i>Muscle and Nerve</i> , 2011, 43, 679-687.	2.2	21
115	Age-Related Changes in Motor Cortical Properties and Voluntary Activation of Skeletal Muscle. <i>Current Aging Science</i> , 2011, 4, 192-199.	1.2	150
116	A novel way to test human motoneurone behaviour during muscle fatigue. , 2011, , 29-31.		5
117	Comments on Point:Counterpoint: Afferent feedback from fatigued locomotor muscles is/is not an important determinant of endurance exercise performance. <i>Journal of Applied Physiology</i> , 2010, 108, 458-468.	2.5	26
118	Cast immobilization increases longâ€interval intracortical inhibition. <i>Muscle and Nerve</i> , 2010, 42, 363-372.	2.2	44
119	Probing the corticospinal link between the motor cortex and motoneurons: some neglected aspects of human motor cortical function. <i>Acta Physiologica</i> , 2010, 198, 403-416.	3.8	43
120	Illusory movements of a phantom hand grade with the duration and magnitude of motor commands. <i>Journal of Physiology</i> , 2010, 588, 1269-1280.	2.9	39
121	Change in manipulation with muscle fatigue. <i>European Journal of Neuroscience</i> , 2010, 32, 1686-1694.	2.6	17
122	Voluntary Activation of the Different Compartments of the Flexor Digitorum Profundus. <i>Journal of Neurophysiology</i> , 2010, 104, 3213-3221.	1.8	19
123	Facilitation and Inhibition of Tibialis Anterior Responses to Corticospinal Stimulation After Maximal Voluntary Contractions. <i>Journal of Neurophysiology</i> , 2010, 103, 1350-1356.	1.8	21
124	Substantia nigra echomorphology and motor cortex excitability. <i>NeuroImage</i> , 2010, 50, 1351-1356.	4.2	11
125	Reproducible Measurement of Human Motoneuron Excitability With Magnetic Stimulation of the Corticospinal Tract. <i>Journal of Neurophysiology</i> , 2009, 102, 606-613.	1.8	28
126	Voluntary Motor Output Is Altered by Spike-Timing-Dependent Changes in the Human Corticospinal Pathway. <i>Journal of Neuroscience</i> , 2009, 29, 11708-11716.	3.6	121

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127	Signals of motor command bias joint position sense in the presence of feedback from proprioceptors. <i>Journal of Applied Physiology</i> , 2009, 106, 950-958.	2.5	95
128	Perception of movement extent depends on the extent of previous movements. <i>Experimental Brain Research</i> , 2009, 195, 167-172.	1.5	3
129	The combined effect of muscle contraction history and motor commands on human position sense. <i>Experimental Brain Research</i> , 2009, 195, 603-610.	1.5	24
130	The effect of high-frequency cutaneous vibration on different inputs subserving detection of joint movement. <i>Experimental Brain Research</i> , 2009, 197, 347-355.	1.5	18
131	Coupling between mechanical and neural behaviour in the human first dorsal interosseous muscle. <i>Journal of Physiology</i> , 2009, 587, 917-925.	2.9	30
132	The response to paired motor cortical stimuli is abolished at a spinal level during human muscle fatigue. <i>Journal of Physiology</i> , 2009, 587, 5601-5612.	2.9	112
133	Voluntary activation of trapezius measured with twitch interpolation. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 584-590.	1.7	11
134	Point:Counterpoint: The interpolated twitch does/does not provide a valid measure of the voluntary activation of muscle. <i>Journal of Applied Physiology</i> , 2009, 107, 354-355.	2.5	121
135	Last Word on Point:Counterpoint: The interpolated twitch does/does not provide a valid measure of the voluntary activation of muscle. <i>Journal of Applied Physiology</i> , 2009, 107, 367-367.	2.5	7
136	Group III and IV muscle afferents differentially affect the motor cortex and motoneurons in humans. <i>Journal of Physiology</i> , 2008, 586, 1277-1289.	2.9	174
137	Local subcutaneous and muscle pain impairs detection of passive movements at the human thumb. <i>Journal of Physiology</i> , 2008, 586, 3183-3193.	2.9	50
138	A comparison of central aspects of fatigue in submaximal and maximal voluntary contractions. <i>Journal of Applied Physiology</i> , 2008, 104, 542-550.	2.5	427
139	Commentaries on Viewpoint: Fatigue mechanisms determining exercise performance: Integrative physiology is systems physiology. <i>Journal of Applied Physiology</i> , 2008, 104, 1543-1546.	2.5	11
140	Noninvasive Stimulation of Human Corticospinal Axons Innervating Leg Muscles. <i>Journal of Neurophysiology</i> , 2008, 100, 1080-1086.	1.8	51
141	Increased ventilation does not impair maximal voluntary contractions of the elbow flexors. <i>Journal of Applied Physiology</i> , 2008, 104, 1674-1682.	2.5	8
142	Recovery from supraspinal fatigue is slowed in old adults after fatiguing maximal isometric contractions. <i>Journal of Applied Physiology</i> , 2008, 105, 1199-1209.	2.5	93
143	A study using transcranial magnetic stimulation to investigate motor mechanisms in psychomotor retardation in depression. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 935-46.	2.1	15
144	Use of motor cortex stimulation to measure simultaneously the changes in dynamic muscle properties and voluntary activation in human muscles. <i>Journal of Applied Physiology</i> , 2007, 102, 1756-1766.	2.5	53

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145	Sustained contraction at very low forces produces prominent supraspinal fatigue in human elbow flexor muscles. <i>Journal of Applied Physiology</i> , 2007, 103, 560-568.	2.5	115
146	Proprioceptive Movement Illusions Due to Prolonged Stimulation: Reversals and Aftereffects. <i>PLoS ONE</i> , 2007, 2, e1037.	2.5	45
147	Magnetic muscle stimulation produces fatigue without effort. <i>Journal of Applied Physiology</i> , 2007, 103, 733-734.	2.5	9
148	Muscle fatigue changes cutaneous suppression of propriospinal drive to human upper limb muscles. <i>Journal of Physiology</i> , 2007, 580, 211-223.	2.9	17
149	Impairment of human proprioception by high-frequency cutaneous vibration. <i>Journal of Physiology</i> , 2007, 581, 971-980.	2.9	52
150	Stimulus waveform influences the efficacy of repetitive transcranial magnetic stimulation. <i>Journal of Affective Disorders</i> , 2007, 97, 271-276.	4.1	58
151	Decreased input to the motor cortex increases motor cortical excitability. <i>Clinical Neurophysiology</i> , 2006, 117, 2496-2503.	1.5	18
152	Theta burst stimulation does not reliably depress all regions of the human motor cortex. <i>Clinical Neurophysiology</i> , 2006, 117, 2684-2690.	1.5	52
153	Stimulation at the cervicomedullary junction in human subjects. <i>Journal of Electromyography and Kinesiology</i> , 2006, 16, 215-223.	1.7	108
154	Tonic and Phasic Respiratory Drives to Human Genioglossus Motoneurons During Breathing. <i>Journal of Neurophysiology</i> , 2006, 95, 2213-2221.	1.8	133
155	Supraspinal fatigue: the effects of caffeine on human muscle performance. <i>Journal of Applied Physiology</i> , 2006, 100, 1749-1750.	2.5	11
156	Output of Human Motoneuron Pools to Corticospinal Inputs During Voluntary Contractions. <i>Journal of Neurophysiology</i> , 2006, 95, 3512-3518.	1.8	115
157	EVIDENCE FOR A SUPRASPINAL CONTRIBUTION TO HUMAN MUSCLE FATIGUE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 400-405.	1.9	238
158	Length-dependent changes in voluntary activation, maximum voluntary torque and twitch responses after eccentric damage in humans. <i>Journal of Physiology</i> , 2006, 571, 243-252.	2.9	89
159	Motor commands contribute to human position sense. <i>Journal of Physiology</i> , 2006, 571, 703-710.	2.9	195
160	The effect of sustained low-intensity contractions on supraspinal fatigue in human elbow flexor muscles. <i>Journal of Physiology</i> , 2006, 573, 511-523.	2.9	239
161	Subthreshold transcranial magnetic stimulation during the long latency component of the cutaneomotor reflex. <i>Experimental Brain Research</i> , 2006, 170, 285-294.	1.5	4
162	The origin of activity in the biceps brachii muscle during voluntary contractions of the contralateral elbow flexor muscles. <i>Experimental Brain Research</i> , 2006, 175, 526-535.	1.5	73

#	ARTICLE	IF	CITATIONS
163	Fatigue-Sensitive Afferents Inhibit Extensor but Not Flexor Motoneurons in Humans. <i>Journal of Neuroscience</i> , 2006, 26, 4796-4802.	3.6	160
164	Supraspinal fatigue does not explain the sex difference in muscle fatigue of maximal contractions. <i>Journal of Applied Physiology</i> , 2006, 101, 1036-1044.	2.5	181
165	Muscle damage and exercise: does the brain contribute to muscle weakness?. , 2006, , 21-22.		0
166	Hyperthermia: a failure of the motor cortex and the muscle. <i>Journal of Physiology</i> , 2005, 563, 621-631.	2.9	199
167	Maximal force, voluntary activation and muscle soreness after eccentric damage to human elbow flexor muscles. <i>Journal of Physiology</i> , 2005, 567, 337-348.	2.9	169
168	Muscle Fiber and Motor Unit Behavior in the Longest Human Skeletal Muscle. <i>Journal of Neuroscience</i> , 2005, 25, 8528-8533.	3.6	50
169	Independent control of voluntary movements and associated anticipatory postural responses in a bimanual task. <i>Clinical Neurophysiology</i> , 2005, 116, 2083-2090.	1.5	12
170	Reproducible measurement of voluntary activation of human elbow flexors with motor cortical stimulation. <i>Journal of Applied Physiology</i> , 2004, 97, 236-242.	2.5	99
171	Noninvasive stimulation of the human corticospinal tract. <i>Journal of Applied Physiology</i> , 2004, 96, 1496-1503.	2.5	171
172	Effect of Muscle Contraction on Proprioceptive Function at the Ankle. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S340.	0.4	0
173	The effect of a contralateral contraction on maximal voluntary activation and central fatigue in elbow flexor muscles. <i>Experimental Brain Research</i> , 2003, 150, 308-313.	1.5	75
174	Measurement of voluntary activation of fresh and fatigued human muscles using transcranial magnetic stimulation. <i>Journal of Physiology</i> , 2003, 551, 661-671.	2.9	308
175	SAVANT-LIKE SKILLS EXPOSED IN NORMAL PEOPLE BY SUPPRESSING THE LEFT FRONTO-TEMPORAL LOBE. <i>Journal of Integrative Neuroscience</i> , 2003, 02, 149-158.	1.7	101
176	Changes in Segmental and Motor Cortical Output With Contralateral Muscle Contractions and Altered Sensory Inputs in Humans. <i>Journal of Neurophysiology</i> , 2003, 90, 2451-2459.	1.8	246
177	Responses of Human Motoneurons to Corticospinal Stimulation during Maximal Voluntary Contractions and Ischemia. <i>Journal of Neuroscience</i> , 2003, 23, 10224-10230.	3.6	134
178	Depression of Activity in the Corticospinal Pathway during Human Motor Behavior after Strong Voluntary Contractions. <i>Journal of Neuroscience</i> , 2003, 23, 7974-7980.	3.6	64
179	Effects of galvanic vestibular stimulation on human posture and perception while standing. <i>Journal of Physiology</i> , 2003, 551, 1033-1042.	2.9	75
180	Balancing Acts: Respiratory Sensations, Motor Control And Human Posture. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 118-121.	1.9	58

#	ARTICLE	IF	CITATIONS
181	Cortically evoked neural volleys to the human hand are increased during ischaemic block of the forearm. <i>Journal of Physiology</i> , 2002, 538, 279-288.	2.9	45
182	Interaction of transcranial magnetic stimulation and electrical transmastoid stimulation in human subjects. <i>Journal of Physiology</i> , 2002, 541, 949-958.	2.9	81
183	The effect of electrical stimulation of the corticospinal tract on motor units of the human biceps brachii. <i>Journal of Physiology</i> , 2002, 544, 277-284.	2.9	87
184	The history of contraction of the wrist flexors can change cortical excitability. <i>Journal of Physiology</i> , 2002, 545, 731-737.	2.9	24
185	Corticospinal Transmission After Voluntary Contractions. <i>Advances in Experimental Medicine and Biology</i> , 2002, 508, 435-441.	1.6	11
186	Transcranial magnetic stimulation and human muscle fatigue. <i>Muscle and Nerve</i> , 2001, 24, 18-29.	2.2	146
187	Changes in respiratory sensations induced by lobeline after human bilateral lung transplantation. <i>Journal of Physiology</i> , 2001, 534, 583-593.	2.9	46
188	Mechanisms of motor-evoked potential facilitation following prolonged dual peripheral and central stimulation in humans. <i>Journal of Physiology</i> , 2001, 537, 623-631.	2.9	115
189	Unexpected reflex response to transmastoid stimulation in human subjects during near-maximal effort. <i>Journal of Physiology</i> , 2001, 536, 305-312.	2.9	7
190	Stimulus Intensity in Transcranial Magnetic Stimulation (TMS) Studies. <i>Journal of ECT</i> , 2001, 17, 294-295.	0.6	4
191	Ischaemia after exercise does not reduce responses of human motoneurons to cortical or corticospinal tract stimulation. <i>Journal of Physiology</i> , 2000, 525, 793-801.	2.9	76
192	Changes in muscle afferents, motoneurons and motor drive during muscle fatigue. <i>European Journal of Applied Physiology</i> , 2000, 83, 106-115.	2.5	166
193	Supraspinal fatigue during intermittent maximal voluntary contractions of the human elbow flexors. <i>Journal of Applied Physiology</i> , 2000, 89, 305-313.	2.5	200
194	Stopping Exercise: Role of Pulmonary C Fibers and Inhibition Of Motoneurons. <i>Physiology</i> , 2000, 15, 241-245.	3.1	4
195	Transcranial magnetic stimulation (TMS) in controlled treatment studies: are some "sham" forms active?. <i>Biological Psychiatry</i> , 2000, 47, 325-331.	1.3	260
196	Impaired response of human motoneurons to corticospinal stimulation after voluntary exercise. <i>Journal of Physiology</i> , 1999, 521, 749-759.	2.9	172
197	Effects of galvanic vestibular stimulation during human walking. <i>Journal of Physiology</i> , 1999, 517, 931-939.	2.9	144
198	Altered responses of human elbow flexors to peripheral-nerve and cortical stimulation during a sustained maximal voluntary contraction. <i>Experimental Brain Research</i> , 1999, 127, 108-115.	1.5	101

#	ARTICLE	IF	CITATIONS
199	No laughing matter. <i>Lancet, The</i> , 1999, 354, 2086.	13.7	5
200	Absence of viscerosomatic inhibition with injections of lobeline designed to activate human pulmonary C fibres. <i>Journal of Physiology</i> , 1998, 511, 289-300.	2.9	38
201	Movement detection at the human big toe. <i>Journal of Physiology</i> , 1998, 513, 307-314.	2.9	27
202	Inhibition of muscle sympathetic outflow following transcranial cortical stimulation. <i>Journal of the Autonomic Nervous System</i> , 1998, 68, 49-57.	1.9	25
203	Reduced excitability of the cortico-spinal system during the warning period of a reaction time task. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1998, 109, 489-495.	1.4	84
204	Effect of contraction strength on responses in biceps brachii and adductor pollicis to transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 1997, 117, 472-478.	1.5	113
205	Effect of transcranial magnetic stimulation over the cerebellum on the excitability of human motor cortex. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1996, 101, 58-66.	1.4	117
206	Effects of arterial perfusion pressure on force production in working human hand muscles.. <i>Journal of Physiology</i> , 1996, 495, 885-891.	2.9	41
207	Changes in motor cortical excitability during human muscle fatigue.. <i>Journal of Physiology</i> , 1996, 490, 519-528.	2.9	299
208	Selection of motor responses on the basis of unperceived stimuli. <i>Experimental Brain Research</i> , 1996, 110, 62-6.	1.5	42
209	Supraspinal factors in human muscle fatigue: evidence for suboptimal output from the motor cortex.. <i>Journal of Physiology</i> , 1996, 490, 529-536.	2.9	520
210	The effect of voluntary contraction on cortico-cortical inhibition in human motor cortex.. <i>Journal of Physiology</i> , 1995, 487, 541-548.	2.9	335
211	Detection of movements imposed on human hip, knee, ankle and toe joints.. <i>Journal of Physiology</i> , 1995, 488, 231-241.	2.9	90
212	Ipsilateral cortical stimulation inhibited the long-latency response to stretch in the long finger flexors in humans.. <i>Journal of Physiology</i> , 1995, 488, 821-831.	2.9	24
213	Mapping of cortical sites where transcranial magnetic stimulation results in delay of voluntary movement. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1995, 97, 341-348.	1.4	16
214	Physiological evidence for a slow K ⁺ conductance in human cutaneous afferents.. <i>Journal of Physiology</i> , 1992, 453, 575-589.	2.9	38
215	Detection of slow movements imposed at the elbow during active flexion in man.. <i>Journal of Physiology</i> , 1992, 457, 503-513.	2.9	62
216	Ankle stiffness of standing humans in response to imperceptible perturbation: reflex and task-dependent components.. <i>Journal of Physiology</i> , 1992, 454, 533-547.	2.9	165

#	ARTICLE	IF	CITATIONS
217	Perception of the Orientation of the Head on the Body in Man. , 1992, , 488-490.		9
218	ILLUSIONS OF HEAD AND VISUAL TARGET DISPLACEMENT INDUCED BY VIBRATION OF NECK MUSCLES. Brain, 1991, 114, 755-759.	7.6	240
219	ABILITY TO DETECT ANGULAR DISPLACEMENTS OF THE FINGERS MADE AT AN IMPERCEPTIBLY SLOW SPEED. Brain, 1990, 113, 157-166.	7.6	42
220	Proprioceptive sensation in rotation of the trunk. Experimental Brain Research, 1990, 81, 413-6.	1.5	157
221	Triggering of preprogrammed movements as reactions to masked stimuli. Journal of Neurophysiology, 1990, 63, 439-446.	1.8	212
222	Task-dependent changes in gain of the reflex response to imperceptible perturbations of joint position in man.. Journal of Physiology, 1990, 429, 309-321.	2.9	64
223	Proprioception in the neck. Experimental Brain Research, 1988, 70, 351-60.	1.5	186
224	Pointing. Behavioural Brain Research, 1988, 29, 1-5.	2.2	50