

# Janet L Taylor

## List of Publications by Citations

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220  
papers

11,240  
citations

62  
h-index

100  
g-index

227  
ext. papers

12,599  
ext. citations

3.6  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
220	Supraspinal factors in human muscle fatigue: evidence for suboptimal output from the motor cortex. <i>Journal of Physiology</i> , <b>1996</b> , 490 ( Pt 2), 529-36	3.9	449
219	A comparison of central aspects of fatigue in submaximal and maximal voluntary contractions. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 542-50	3.7	355
218	The effect of voluntary contraction on cortico-cortical inhibition in human motor cortex. <i>Journal of Physiology</i> , <b>1995</b> , 487 ( Pt 2), 541-8	3.9	298
217	Measurement of voluntary activation of fresh and fatigued human muscles using transcranial magnetic stimulation. <i>Journal of Physiology</i> , <b>2003</b> , 551, 661-71	3.9	267
216	Changes in motor cortical excitability during human muscle fatigue. <i>Journal of Physiology</i> , <b>1996</b> , 490 ( Pt 2), 519-28	3.9	254
215	Changes in segmental and motor cortical output with contralateral muscle contractions and altered sensory inputs in humans. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 2451-9	3.2	223
214	Transcranial magnetic stimulation (TMS) in controlled treatment studies: are some "sham" forms active?. <i>Biological Psychiatry</i> , <b>2000</b> , 47, 325-31	7.9	220
213	Neural Contributions to Muscle Fatigue: From the Brain to the Muscle and Back Again. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 2294-2306	1.2	211
212	Evidence for a supraspinal contribution to human muscle fatigue. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2006</b> , 33, 400-5	3	211
211	Triggering of preprogrammed movements as reactions to masked stimuli. <i>Journal of Neurophysiology</i> , <b>1990</b> , 63, 439-46	3.2	206
210	The effect of sustained low-intensity contractions on supraspinal fatigue in human elbow flexor muscles. <i>Journal of Physiology</i> , <b>2006</b> , 573, 511-23	3.9	204
209	Supraspinal fatigue during intermittent maximal voluntary contractions of the human elbow flexors. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 305-13	3.7	176
208	Hyperthermia: a failure of the motor cortex and the muscle. <i>Journal of Physiology</i> , <b>2005</b> , 563, 621-31	3.9	166
207	Motor commands contribute to human position sense. <i>Journal of Physiology</i> , <b>2006</b> , 571, 703-10	3.9	165
206	Illusions of head and visual target displacement induced by vibration of neck muscles. <i>Brain</i> , <b>1991</b> , 114 ( Pt 2), 755-9	11.2	160
205	Impaired response of human motoneurons to corticospinal stimulation after voluntary exercise. <i>Journal of Physiology</i> , <b>1999</b> , 521 Pt 3, 749-59	3.9	159
204	Group III and IV muscle afferents differentially affect the motor cortex and motoneurons in humans. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1277-89	3.9	155

203	Supraspinal fatigue does not explain the sex difference in muscle fatigue of maximal contractions. <i>Journal of Applied Physiology</i> , <b>2006</b> , 101, 1036-44	3.7	155
202	Maximal force, voluntary activation and muscle soreness after eccentric damage to human elbow flexor muscles. <i>Journal of Physiology</i> , <b>2005</b> , 567, 337-48	3.9	153
201	Ankle stiffness of standing humans in response to imperceptible perturbation: reflex and task-dependent components. <i>Journal of Physiology</i> , <b>1992</b> , 454, 533-47	3.9	150
200	Noninvasive stimulation of the human corticospinal tract. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 1496-503	3.7	145
199	Fatigue-sensitive afferents inhibit extensor but not flexor motoneurons in humans. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 4796-802	6.6	142
198	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> , <b>2012</b> , 123, 1698-704	4.3	138
197	Daily transcranial direct current stimulation (tDCS) leads to greater increases in cortical excitability than second daily transcranial direct current stimulation. <i>Brain Stimulation</i> , <b>2012</b> , 5, 208-213	5.1	136
196	Changes in muscle afferents, motoneurons and motor drive during muscle fatigue. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 83, 106-15	3.4	135
195	Transcranial magnetic stimulation and human muscle fatigue. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 18-29	3.4	133
194	Responses of human motoneurons to corticospinal stimulation during maximal voluntary contractions and ischemia. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 10224-30	6.6	122
193	Testing the excitability of human motoneurons. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 152	3.3	118
192	Tonic and phasic respiratory drives to human genioglossus motoneurons during breathing. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 2213-21	3.2	117
191	Neuroplasticity in depressed individuals compared with healthy controls. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 2101-8	8.7	113
190	Effects of galvanic vestibular stimulation during human walking. <i>Journal of Physiology</i> , <b>1999</b> , 517 (Pt 3), 931-9	3.9	113
189	Proprioceptive signals contribute to the sense of body ownership. <i>Journal of Physiology</i> , <b>2011</b> , 589, 3009-21	3.2	108
188	Age-related changes in motor cortical properties and voluntary activation of skeletal muscle. <i>Current Aging Science</i> , <b>2011</b> , 4, 192-9	2.2	106
187	Proprioception in the neck. <i>Experimental Brain Research</i> , <b>1988</b> , 70, 351-60	2.3	104
186	Point: the interpolated twitch does/does not provide a valid measure of the voluntary activation of muscle. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 354-5	3.7	103

185	Effect of contraction strength on responses in biceps brachii and adductor pollicis to transcranial magnetic stimulation. <i>Experimental Brain Research</i> , <b>1997</b> , 117, 472-8	2.3	103
184	Sustained contraction at very low forces produces prominent supraspinal fatigue in human elbow flexor muscles. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 560-8	3.7	103
183	Recovery of central and peripheral neuromuscular fatigue after exercise. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 1068-1076	3.7	102
182	Output of human motoneuron pools to corticospinal inputs during voluntary contractions. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 3512-8	3.2	101
181	Behaviour of the motoneurone pool in a fatiguing submaximal contraction. <i>Journal of Physiology</i> , <b>2011</b> , 589, 3533-44	3.9	100
180	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> , <b>1996</b> , 101, 58-66		100
179	Mechanisms of motor-evoked potential facilitation following prolonged dual peripheral and central stimulation in humans. <i>Journal of Physiology</i> , <b>2001</b> , 537, 623-31	3.9	99
178	Voluntary motor output is altered by spike-timing-dependent changes in the human corticospinal pathway. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 11708-16	6.6	95
177	The response to paired motor cortical stimuli is abolished at a spinal level during human muscle fatigue. <i>Journal of Physiology</i> , <b>2009</b> , 587, 5601-12	3.9	95
176	Reproducible measurement of voluntary activation of human elbow flexors with motor cortical stimulation. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 236-42	3.7	93
175	Altered responses of human elbow flexors to peripheral-nerve and cortical stimulation during a sustained maximal voluntary contraction. <i>Experimental Brain Research</i> , <b>1999</b> , 127, 108-15	2.3	91
174	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> , <b>2016</b> , 9, 1-7	5.1	87
173	Stimulation at the cervicomedullary junction in human subjects. <i>Journal of Electromyography and Kinesiology</i> , <b>2006</b> , 16, 215-23	2.5	87
172	Signals of motor command bias joint position sense in the presence of feedback from proprioceptors. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 950-8	3.7	85
171	Recovery from supraspinal fatigue is slowed in old adults after fatiguing maximal isometric contractions. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 1199-209	3.7	84
170	Proprioceptive sensation in rotation of the trunk. <i>Experimental Brain Research</i> , <b>1990</b> , 81, 413-6	2.3	81
169	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> , <b>1998</b> , 109, 489-95		77
168	Savant-like skills exposed in normal people by suppressing the left fronto-temporal lobe. <i>Journal of Integrative Neuroscience</i> , <b>2003</b> , 2, 149-58	1.5	76

167	Length-dependent changes in voluntary activation, maximum voluntary torque and twitch responses after eccentric damage in humans. <i>Journal of Physiology</i> , <b>2006</b> , 571, 243-52	3.9	73
166	The origin of activity in the biceps brachii muscle during voluntary contractions of the contralateral elbow flexor muscles. <i>Experimental Brain Research</i> , <b>2006</b> , 175, 526-35	2.3	72
165	Ischaemia after exercise does not reduce responses of human motoneurons to cortical or corticospinal tract stimulation. <i>Journal of Physiology</i> , <b>2000</b> , 525 Pt 3, 793-801	3.9	71
164	The effect of a contralateral contraction on maximal voluntary activation and central fatigue in elbow flexor muscles. <i>Experimental Brain Research</i> , <b>2003</b> , 150, 308-13	2.3	69
163	Detection of movements imposed on human hip, knee, ankle and toe joints. <i>Journal of Physiology</i> , <b>1995</b> , 488 ( Pt 1), 231-41	3.9	69
162	Interaction of transcranial magnetic stimulation and electrical transmastoid stimulation in human subjects. <i>Journal of Physiology</i> , <b>2002</b> , 541, 949-58	3.9	65
161	Aerobic training increases pain tolerance in healthy individuals. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1640-7	1.2	64
160	The effect of electrical stimulation of the corticospinal tract on motor units of the human biceps brachii. <i>Journal of Physiology</i> , <b>2002</b> , 544, 277-84	3.9	64
159	Task-dependent changes in gain of the reflex response to imperceptible perturbations of joint position in man. <i>Journal of Physiology</i> , <b>1990</b> , 429, 309-21	3.9	62
158	Effects of galvanic vestibular stimulation on human posture and perception while standing. <i>Journal of Physiology</i> , <b>2003</b> , 551, 1033-42	3.9	60
157	Depression of activity in the corticospinal pathway during human motor behavior after strong voluntary contractions. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 7974-80	6.6	59
156	Measurement of voluntary activation based on transcranial magnetic stimulation over the motor cortex. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 678-86	3.7	53
155	Fatigue-related firing of muscle nociceptors reduces voluntary activation of ipsilateral but not contralateral lower limb muscles. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 408-18	3.7	52
154	Overestimation of force during matching of externally generated forces. <i>Journal of Physiology</i> , <b>2011</b> , 589, 547-57	3.9	51
153	Detection of slow movements imposed at the elbow during active flexion in man. <i>Journal of Physiology</i> , <b>1992</b> , 457, 503-13	3.9	49
152	Pointing. <i>Behavioural Brain Research</i> , <b>1988</b> , 29, 1-5	3.4	49
151	Increase in PAS-induced neuroplasticity after a treatment course of transcranial direct current stimulation for depression. <i>Journal of Affective Disorders</i> , <b>2014</b> , 167, 140-7	6.6	48
150	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> , <b>2007</b> , 102, 1756-66	3.7	48

149	Balancing acts: respiratory sensations, motor control and human posture. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2002</b> , 29, 118-21	3	47
148	Fatigue-related firing of distal muscle nociceptors reduces voluntary activation of proximal muscles of the same limb. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 385-94	3.7	45
147	Modulation of transcallosal inhibition by bilateral activation of agonist and antagonist proximal arm muscles. <i>Journal of Neurophysiology</i> , <b>2014</b> , 111, 405-14	3.2	45
146	The reduction in human motoneurone responsiveness during muscle fatigue is not prevented by increased muscle spindle discharge. <i>Journal of Physiology</i> , <b>2011</b> , 589, 3731-8	3.9	45
145	Firing of antagonist small-diameter muscle afferents reduces voluntary activation and torque of elbow flexors. <i>Journal of Physiology</i> , <b>2013</b> , 591, 3591-604	3.9	44
144	Theta burst stimulation does not reliably depress all regions of the human motor cortex. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 2684-90	4.3	44
143	Impairment of human proprioception by high-frequency cutaneous vibration. <i>Journal of Physiology</i> , <b>2007</b> , 581, 971-80	3.9	43
142	Ability versus hazard: risk-taking and falls in older people. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 628-34	6.4	42
141	Paired associative stimulation increases motor cortex excitability more effectively than theta-burst stimulation. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 2220-6	4.3	41
140	Long-interval intracortical inhibition in a human hand muscle. <i>Experimental Brain Research</i> , <b>2011</b> , 209, 287-97	2.3	41
139	Muscle fiber and motor unit behavior in the longest human skeletal muscle. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 8528-33	6.6	41
138	Stimulus waveform influences the efficacy of repetitive transcranial magnetic stimulation. <i>Journal of Affective Disorders</i> , <b>2007</b> , 97, 271-6	6.6	40
137	Ability to detect angular displacements of the fingers made at an imperceptibly slow speed. <i>Brain</i> , <b>1990</b> , 113 (Pt 1), 157-66	11.2	39
136	Questionable science and reproducibility in electrical brain stimulation research. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175635	3.7	39
135	Short-interval cortical inhibition and intracortical facilitation during submaximal voluntary contractions changes with fatigue. <i>Experimental Brain Research</i> , <b>2016</b> , 234, 2541-51	2.3	39
134	Acute Strength Training Increases Responses to Stimulation of Corticospinal Axons. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 139-50	1.2	38
133	Noninvasive stimulation of human corticospinal axons innervating leg muscles. <i>Journal of Neurophysiology</i> , <b>2008</b> , 100, 1080-6	3.2	38
132	Cortically evoked neural volleys to the human hand are increased during ischaemic block of the forearm. <i>Journal of Physiology</i> , <b>2002</b> , 538, 279-88	3.9	38

131	Probing the corticospinal link between the motor cortex and motoneurons: some neglected aspects of human motor cortical function. <i>Acta Physiologica</i> , <b>2010</b> , 198, 403-16	5.6	37
130	Local subcutaneous and muscle pain impairs detection of passive movements at the human thumb. <i>Journal of Physiology</i> , <b>2008</b> , 586, 3183-93	3.9	37
129	Absence of viscerosomatic inhibition with injections of lobeline designed to activate human pulmonary C fibres. <i>Journal of Physiology</i> , <b>1998</b> , 511 ( Pt 1), 289-300	3.9	36
128	Effects of arterial perfusion pressure on force production in working human hand muscles. <i>Journal of Physiology</i> , <b>1996</b> , 495 ( Pt 3), 885-91	3.9	35
127	Selection of motor responses on the basis of unperceived stimuli. <i>Experimental Brain Research</i> , <b>1996</b> , 110, 62-6	2.3	35
126	Enhanced availability of serotonin increases activation of unfatigued muscle but exacerbates central fatigue during prolonged sustained contractions. <i>Journal of Physiology</i> , <b>2019</b> , 597, 319-332	3.9	35
125	Cast immobilization increases long-interval intracortical inhibition. <i>Muscle and Nerve</i> , <b>2010</b> , 42, 363-72	3.4	34
124	Proprioceptive movement illusions due to prolonged stimulation: reversals and aftereffects. <i>PLoS ONE</i> , <b>2007</b> , 2, e1037	3.7	34
123	Changes in respiratory sensations induced by lobeline after human bilateral lung transplantation. <i>Journal of Physiology</i> , <b>2001</b> , 534, 583-93	3.9	34
122	The Use and Abuse of Transcranial Magnetic Stimulation to Modulate Corticospinal Excitability in Humans. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144151	3.7	34
121	Arm posture-dependent changes in corticospinal excitability are largely spinal in origin. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 2076-82	3.2	34
120	Effects of fatigue on corticospinal excitability of the human knee extensors. <i>Experimental Physiology</i> , <b>2016</b> , 101, 1552-1564	2.4	34
119	Illusory movements of a phantom hand grade with the duration and magnitude of motor commands. <i>Journal of Physiology</i> , <b>2010</b> , 588, 1269-80	3.9	33
118	Physiological evidence for a slow K <sup>+</sup> conductance in human cutaneous afferents. <i>Journal of Physiology</i> , <b>1992</b> , 453, 575-89	3.9	31
117	Dynamic changes in the perceived posture of the hand during ischaemic anaesthesia of the arm. <i>Journal of Physiology</i> , <b>2011</b> , 589, 5775-84	3.9	30
116	Weaker Seniors Exhibit Motor Cortex Hypoexcitability and Impairments in Voluntary Activation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1112-9	6.4	29
115	Reproducible measurement of human motoneuron excitability with magnetic stimulation of the corticospinal tract. <i>Journal of Neurophysiology</i> , <b>2009</b> , 102, 606-13	3.2	28
114	Activity-dependent depression of the recurrent discharge of human motoneurons after maximal voluntary contractions. <i>Journal of Physiology</i> , <b>2012</b> , 590, 4957-69	3.9	27

113	Twitch interpolation: superimposed twitches decline progressively during a tetanic contraction of human adductor pollicis. <i>Journal of Physiology</i> , <b>2013</b> , 591, 1373-83	3.9	27
112	Effect of experimental muscle pain on maximal voluntary activation of human biceps brachii muscle. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 743-50	3.7	27
111	Coupling between mechanical and neural behaviour in the human first dorsal interosseous muscle. <i>Journal of Physiology</i> , <b>2009</b> , 587, 917-25	3.9	27
110	Inhibition of muscle sympathetic outflow following transcranial cortical stimulation. <i>Journal of the Autonomic Nervous System</i> , <b>1998</b> , 68, 49-57		25
109	Motoneuron excitability of the quadriceps decreases during a fatiguing submaximal isometric contraction. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 970-979	3.7	23
108	Effects of Four Weeks of Strength Training on the Corticomotoneuronal Pathway. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2286-2296	1.2	23
107	Voluntary Activation is Reduced in Both the More- and Less-Affected Upper Limbs after Unilateral Stroke. <i>Frontiers in Neurology</i> , <b>2014</b> , 5, 239	4.1	23
106	The history of contraction of the wrist flexors can change cortical excitability. <i>Journal of Physiology</i> , <b>2002</b> , 545, 731-7	3.9	23
105	CORP: Measurement of upper and lower limb muscle strength and voluntary activation. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 513-543	3.7	23
104	The combined effect of muscle contraction history and motor commands on human position sense. <i>Experimental Brain Research</i> , <b>2009</b> , 195, 603-10	2.3	22
103	Movement detection at the human big toe. <i>Journal of Physiology</i> , <b>1998</b> , 513 ( Pt 1), 307-14	3.9	22
102	More conditioning stimuli enhance synaptic plasticity in the human spinal cord. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 724-731	4.3	21
101	Explicit Education About Exercise-Induced Hypoalgesia Influences Pain Responses to Acute Exercise in Healthy Adults: A Randomized Controlled Trial. <i>Journal of Pain</i> , <b>2017</b> , 18, 1409-1416	5.2	21
100	Origin of the low-level EMG during the silent period following transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 1409-14	4.3	21
99	Predominance of central motor command in the regulation of exercise. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 458	3.7	21
98	Eccentric exercise inhibits the H reflex in the middle part of the trapezius muscle. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 77-87	3.4	20
97	Ipsilateral cortical stimulation inhibited the long-latency response to stretch in the long finger flexors in humans. <i>Journal of Physiology</i> , <b>1995</b> , 488 ( Pt 3), 821-31	3.9	20
96	Altered corticospinal transmission to the hand after maximum voluntary efforts. <i>Muscle and Nerve</i> , <b>2011</b> , 43, 679-87	3.4	19



95	Facilitation and inhibition of tibialis anterior responses to corticospinal stimulation after maximal voluntary contractions. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 1350-6	3.2	19
94	Muscle Vibration-Induced Illusions: Review of Contributing Factors, Taxonomy of Illusions and User's Guide. <i>Multisensory Research</i> , <b>2017</b> , 30, 25-63	1.9	18
93	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> , <b>2014</b> , 116, 1623-31	3.7	18
92	Training in a ballistic task but not a visuomotor task increases responses to stimulation of human corticospinal axons. <i>Journal of Neurophysiology</i> , <b>2012</b> , 107, 2485-92	3.2	18
91	Human motoneurone excitability is depressed by activation of serotonin 1A receptors with buspirone. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1763-1773	3.9	17
90	Occlusion of blood flow attenuates exercise-induced hypoalgesia in the occluded limb of healthy adults. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 1284-1291	3.7	16
89	Comparison of the effects of transcranial random noise stimulation and transcranial direct current stimulation on motor cortical excitability. <i>Journal of ECT</i> , <b>2015</b> , 31, 67-72	2	16
88	Change in manipulation with muscle fatigue. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 1686-94	3.5	16
87	The effect of high-frequency cutaneous vibration on different inputs subserving detection of joint movement. <i>Experimental Brain Research</i> , <b>2009</b> , 197, 347-55	2.3	16
86	Decreased input to the motor cortex increases motor cortical excitability. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 2496-503	4.3	16
85	Somatosensory space abridged: rapid change in tactile localization using a motion stimulus. <i>PLoS ONE</i> , <b>2014</b> , 9, e90892	3.7	15
84	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> , <b>2011</b> , 175, 265-71	2.8	14
83	Muscle fatigue changes cutaneous suppression of propriospinal drive to human upper limb muscles. <i>Journal of Physiology</i> , <b>2007</b> , 580, 211-23	3.9	14
82	The effects of cervical transcutaneous spinal direct current stimulation on motor pathways supplying the upper limb in humans. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172333	3.7	14
81	Involvement of N-methyl-d-aspartate receptors in plasticity induced by paired corticospinal-motoneuronal stimulation in humans. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 652-661	3.2	14
80	Exploring the Mechanisms of Exercise-Induced Hypoalgesia Using Somatosensory and Laser Evoked Potentials. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 581	4.6	13
79	Enhanced serotonin availability amplifies fatigue perception and modulates the TMS-induced silent period during sustained low-intensity elbow flexions. <i>Journal of Physiology</i> , <b>2020</b> , 598, 2685-2701	3.9	12
78	Voluntary activation of the different compartments of the flexor digitorum profundus. <i>Journal of Neurophysiology</i> , <b>2010</b> , 104, 3213-21	3.2	12

77	Mapping of cortical sites where transcranial magnetic stimulation results in delay of voluntary movement. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , <b>1995</b> , 97, 341-8		12
76	Passive muscle stretching reduces estimates of persistent inward current strength in soleus motor units. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,	3	12
75	Voluntary activation of trapezius measured with twitch interpolation. <i>Journal of Electromyography and Kinesiology</i> , <b>2009</b> , 19, 584-90	2.5	10
74	Independent control of voluntary movements and associated anticipatory postural responses in a bimanual task. <i>Clinical Neurophysiology</i> , <b>2005</b> , 116, 2083-90	4.3	10
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