

Jane E Butler

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5188647/jane-e-butler-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165
papers

6,260
citations

44
h-index

75
g-index

171
ext. papers

6,935
ext. citations

3.9
avg, IF

5.68
L-index

#	Paper	IF	Citations
165	Tongue acceleration in humans evoked with intramuscular electrical stimulation of genioglossus. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 295, 103786	2.8	1
164	Physiological responses and perceived comfort to high-flow nasal cannula therapy in awake adults: effects of flow magnitude and temperature. <i>Journal of Applied Physiology</i> , 2021 , 131, 1772-1782	3.7	0
163	Estimation of maximal muscle electromyographic activity from the relationship between muscle activity and voluntary activation. <i>Journal of Applied Physiology</i> , 2021 , 130, 1352-1361	3.7	1
162	Inspiratory muscle responses to sudden airway occlusion in chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2021 , 131, 36-44	3.7	3
161	Tongue strength and swallowing dynamics in chronic obstructive pulmonary disease. <i>ERJ Open Research</i> , 2021 , 7,	3.5	2
160	Non-uniform Effects of Nociceptive Stimulation to Motoneurons during Experimental Muscle Pain. <i>Neuroscience</i> , 2021 , 463, 45-56	3.9	0
159	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	2
158	Mandibular advancement splint response is associated with the pterygomandibular raphe. <i>Sleep</i> , 2021 , 44,	1.1	2
157	Influence of mandibular advancement on tongue dilatory movement during wakefulness and how this is related to oral appliance therapy outcome for obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	2
156	Movement of the ribs in supine humans for small and large changes in lung volume. <i>Journal of Applied Physiology</i> , 2021 , 131, 174-183	3.7	0
155	Differential activation of the human costal and crural diaphragm during voluntary and involuntary breaths. <i>Journal of Applied Physiology</i> , 2020 , 128, 1262-1270	3.7	6
154	Increased diaphragm motor unit discharge frequencies during quiet breathing in people with chronic tetraplegia. <i>Journal of Physiology</i> , 2020 , 598, 2243-2256	3.9	2
153	Absence of inspiratory premotor potentials during quiet breathing in cervical spinal cord injury. <i>Journal of Applied Physiology</i> , 2020 , 128, 660-666	3.7	3
152	Impact of respiratory muscle training on respiratory muscle strength, respiratory function and quality of life in individuals with tetraplegia: a randomised clinical trial. <i>Thorax</i> , 2020 , 75, 279-288	7.3	7
151	Genioglossus motor unit activity in supine and upright postures in obstructive sleep apnea. <i>Sleep</i> , 2020 , 43,	1.1	3
150	Regional respiratory movement of the tongue is coordinated during wakefulness and is larger in severe obstructive sleep apnoea. <i>Journal of Physiology</i> , 2020 , 598, 581-597	3.9	10
149	Respiratory muscle activity in voluntary breathing tracking tasks: Implications for the assessment of respiratory motor control. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 274, 103353	2.8	1

148	Changes in pharyngeal collapsibility and genioglossus reflex responses to negative pressure during the respiratory cycle in obstructive sleep apnoea. <i>Journal of Physiology</i> , 2020 , 598, 567-580	3.9	3
147	Respiratory cerebrospinal fluid flow is driven by the thoracic and lumbar spinal pressures. <i>Journal of Physiology</i> , 2020 , 598, 5789-5805	3.9	9
146	Supraspinal fatigue in human inspiratory muscles with repeated sustained maximal efforts. <i>Journal of Applied Physiology</i> , 2020 , 129, 1365-1372	3.7	2
145	The effect of abdominal functional electrical stimulation on bowel function in multiple sclerosis: a cohort study. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020 , 6, 2055217320941530		
144	The reliability of inspiratory resistive load magnitude and detection testing. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 281, 103490	2.8	1
143	Breath-synchronized electrical stimulation of the expiratory muscles in mechanically ventilated patients: a randomized controlled feasibility study and pooled analysis. <i>Critical Care</i> , 2020 , 24, 628	10.8	3
142	Nocturnal swallowing augments arousal intensity and arousal tachycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8624-8632	11.5	1
141	The frequency of bowel and bladder problems in multiple sclerosis and its relation to fatigue: A single centre experience. <i>PLoS ONE</i> , 2019 , 14, e0222731	3.7	12
140	Small amounts of involuntary muscle activity reduce passive joint range of motion. <i>Journal of Applied Physiology</i> , 2019 , 127, 229-234	3.7	8
139	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	2.7	7
138	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. <i>Sleep</i> , 2019 , 42,	1.1	24
137	Quantitative assessment of nocturnal neural respiratory drive in children with and without obstructive sleep apnoea using surface EMG. <i>Experimental Physiology</i> , 2019 , 104, 755-764	2.4	3
136	Discharge properties of human diaphragm motor units with ageing. <i>Journal of Physiology</i> , 2019 , 597, 5079-5092	3.9	11
135	Abdominal functional electrical stimulation to assist ventilator weaning in critical illness: a double-blinded, randomised, sham-controlled pilot study. <i>Critical Care</i> , 2019 , 23, 261	10.8	6
134	Abdominal Functional Electrical Stimulation to Augment Respiratory Function in Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2019 , 25, 105-111	1.5	2
133	A Principle of Neuromechanical Matching for Motor Unit Recruitment in Human Movement. <i>Exercise and Sport Sciences Reviews</i> , 2019 , 47, 157-168	6.7	10
132	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	3.7	2
131	Genioglossus reflex responses to negative upper airway pressure are altered in people with tetraplegia and obstructive sleep apnoea. <i>Journal of Physiology</i> , 2018 , 596, 2853-2864	3.9	21

130	Motor unit territories in human genioglossus estimated with multichannel intramuscular electrodes. <i>Journal of Applied Physiology</i> , 2018 , 124, 664-671	3.7	16
129	Inspiratory pre-motor potentials during quiet breathing in ageing and chronic obstructive pulmonary disease. <i>Journal of Physiology</i> , 2018 , 596, 6173-6189	3.9	11
128	Optimal electrode position for abdominal functional electrical stimulation. <i>Journal of Applied Physiology</i> , 2018 , 125, 1062-1068	3.7	2
127	Involvement of N-methyl-d-aspartate receptors in plasticity induced by paired corticospinal-motoneuronal stimulation in humans. <i>Journal of Neurophysiology</i> , 2018 , 119, 652-661	3.2	14
126	Effects of morphine on respiratory load detection, load magnitude perception, and tactile sensation in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2018 , 125, 393-400	3.7	8
125	Influence of respiratory mechanics and drive on genioglossus movement under ultrasound imaging. <i>PLoS ONE</i> , 2018 , 13, e0195884	3.7	6
124	Human motoneurone excitability is depressed by activation of serotonin 1A receptors with buspirone. <i>Journal of Physiology</i> , 2017 , 595, 1763-1773	3.9	17
123	Validation of a quantitative method to measure neural respiratory drive in children during sleep. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 239, 75-80	2.8	3
122	Task-dependent output of human parasternal intercostal motor units across spinal levels. <i>Journal of Physiology</i> , 2017 , 595, 7081-7092	3.9	5
121	<i>Respiratory Physiology</i> 2017 , 167-173.e4		3
120	High nasal resistance is stable over time but poorly perceived in people with tetraplegia and obstructive sleep apnoea. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 235, 27-33	2.8	11
119	Role of common hypnotics on the phenotypic causes of obstructive sleep apnoea: paradoxical effects of zolpidem. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	34
118	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	3.7	14
117	Activation of human inspiratory muscles in an upside-down posture. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 226, 152-9	2.8	13
116	Human intersegmental reflexes from intercostal afferents to scalene muscles. <i>Experimental Physiology</i> , 2016 , 101, 1301-1308	2.4	7
115	Zopiclone Increases the Arousal Threshold without Impairing Genioglossus Activity in Obstructive Sleep Apnea. <i>Sleep</i> , 2016 , 39, 757-66	1.1	59
114	Feedforward consequences of isometric contractions: effort and ventilation. <i>Physiological Reports</i> , 2016 , 4, e12882	2.6	1
113	More conditioning stimuli enhance synaptic plasticity in the human spinal cord. <i>Clinical Neurophysiology</i> , 2016 , 127, 724-731	4.3	21

112	Interlimb Reflexes Induced by Electrical Stimulation of Cutaneous Nerves after Spinal Cord Injury. <i>PLoS ONE</i> , 2016 , 11, e0153063	3.7	9
111	Time course of human motoneuron recovery after sustained low-level voluntary activity. <i>Journal of Neurophysiology</i> , 2016 , 115, 803-12	3.2	9
110	Short-interval cortical inhibition and intracortical facilitation during submaximal voluntary contractions changes with fatigue. <i>Experimental Brain Research</i> , 2016 , 234, 2541-51	2.3	39
109	Continuous positive airway pressure treatment does not normalize the prolonged reflex inhibition to inspiratory loading in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2016 , 121, 910-916	3.7	1
108	Cognitive behaviour therapy reduces dyspnoea ratings in patients with chronic obstructive pulmonary disease (COPD). <i>Respiratory Physiology and Neurobiology</i> , 2015 , 216, 35-42	2.8	30
107	Neurogenic changes in the upper airway of obstructive sleep apnoea. <i>Current Neurology and Neuroscience Reports</i> , 2015 , 15, 12	6.6	10
106	Mechanisms contributing to the response of upper-airway muscles to changes in airway pressure. <i>Journal of Applied Physiology</i> , 2015 , 118, 1221-8	3.7	30
105	Electrical stimulation of abdominal muscles to produce cough in spinal cord injury: effect of stimulus intensity. <i>Neurorehabilitation and Neural Repair</i> , 2015 , 29, 362-9	4.7	10
104	Short-latency inhibitory reflex responses to inspiratory loading of the scalene muscles are impaired in spinal cord injury. <i>Experimental Physiology</i> , 2015 , 100, 216-25	2.4	7
103	TMS-evoked silent periods in scalene and parasternal intercostal muscles during voluntary breathing. <i>Respiratory Physiology and Neurobiology</i> , 2015 , 216, 15-22	2.8	9
102	Effects of tongue position and lung volume on voluntary maximal tongue protrusion force in humans. <i>Respiratory Physiology and Neurobiology</i> , 2015 , 206, 61-6	2.8	5
101	Respiratory muscle training may improve respiratory function and obstructive sleep apnoea in people with cervical spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2015 , 1, 15010	1.4	5
100	Tongue stiffness is lower in patients with obstructive sleep apnea during wakefulness compared with matched control subjects. <i>Sleep</i> , 2015 , 38, 537-44	1.1	37
99	Accurate and representative decoding of the neural drive to muscles in humans with multi-channel intramuscular thin-film electrodes. <i>Journal of Physiology</i> , 2015 , 593, 3789-804	3.9	59
98	The neural control of human inspiratory muscles. <i>Progress in Brain Research</i> , 2014 , 209, 295-308	2.9	33
97	Pathophysiology of upper airway collapse 2014 , 22-33		
96	Modulation of transcallosal inhibition by bilateral activation of agonist and antagonist proximal arm muscles. <i>Journal of Neurophysiology</i> , 2014 , 111, 405-14	3.2	45
95	A novel ultrasound technique to measure genioglossus movement in vivo. <i>Journal of Applied Physiology</i> , 2014 , 117, 556-62	3.7	10

94	Healthy humans with a narrow upper airway maintain patency during quiet breathing by dilating the airway during inspiration. <i>Journal of Physiology</i> , 2014 , 592, 4763-74	3.9	34
93	Abdominal muscle training can enhance cough after spinal cord injury. <i>Neurorehabilitation and Neural Repair</i> , 2013 , 27, 834-43	4.7	30
92	Tongue and lateral upper airway movement with mandibular advancement. <i>Sleep</i> , 2013 , 36, 397-404	1.1	69
91	Respiratory Movement of Upper Airway Tissue in Obstructive Sleep Apnea. <i>Sleep</i> , 2013 , 36, 1069-1076	1.1	65
90	Testing the excitability of human motoneurons. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 152	3.3	118
89	Evoked corticospinal output to the human scalene muscles is altered by lung volume. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 180, 263-8	2.8	3
88	Effect of airway inflammation on short-latency reflex inhibition to inspiratory loading in human scalene muscles. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 181, 148-53	2.8	6
87	An algorithm for the safety of costal diaphragm electromyography derived from ultrasound. <i>Muscle and Nerve</i> , 2012 , 46, 856-60	3.4	14
86	Origin of the low-level EMG during the silent period following transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2012 , 123, 1409-14	4.3	21
85	Is there a case for diaphragm pacing for amyotrophic lateral sclerosis patients?. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2012 , 13, 521-7		14
84	Functional role of neural injury in obstructive sleep apnea. <i>Frontiers in Neurology</i> , 2012 , 3, 95	4.1	51
83	Comparison Of EMG In The Costal And Crural Diaphragm With Increments In Tidal Volume 2011 ,		3
82	Single motor unit recordings in human geniohyoid reveal minimal respiratory activity during quiet breathing. <i>Journal of Applied Physiology</i> , 2011 , 110, 1054-9	3.7	13
81	Movement of the human upper airway during inspiration with and without inspiratory resistive loading. <i>Journal of Applied Physiology</i> , 2011 , 110, 69-75	3.7	36
80	Role of the diaphragm in trunk rotation in humans. <i>Journal of Neurophysiology</i> , 2011 , 106, 1622-8	3.2	9
79	Common rostrocaudal gradient of output from human intercostal motoneurons during voluntary and automatic breathing. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 175, 20-8	2.8	18
78	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, 265-71	2.8	14
77	Control of human inspiratory motoneurons during voluntary and involuntary contractions. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 179, 23-33	2.8	21

76	Posterolateral surface electrical stimulation of abdominal expiratory muscles to enhance cough in spinal cord injury. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 158-67	4.7	25
75	Probing the corticospinal link between the motor cortex and motoneurons: some neglected aspects of human motor cortical function. <i>Acta Physiologica</i> , 2010 , 198, 403-16	5.6	37
74	Voluntary and involuntary ventilation do not alter the human inspiratory muscle loading reflex. <i>Journal of Applied Physiology</i> , 2010 , 109, 87-94	3.7	9
73	Interplay between the inspiratory and postural functions of the human parasternal intercostal muscles. <i>Journal of Neurophysiology</i> , 2010 , 103, 1622-9	3.2	39
72	Substantia nigra echomorphology and motor cortex excitability. <i>NeuroImage</i> , 2010 , 50, 1351-6	7.9	8
71	Discharge patterns of human genioglossus motor units during arousal from sleep. <i>Sleep</i> , 2010 , 33, 379-87.1		39
70	Motor unit recruitment strategies are altered during deep-tissue pain. <i>Journal of Neuroscience</i> , 2009 , 29, 10820-6	6.6	99
69	Coupling between mechanical and neural behaviour in the human first dorsal interosseous muscle. <i>Journal of Physiology</i> , 2009 , 587, 917-25	3.9	27
68	Respiratory muscle function and activation in chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2009 , 107, 621-9	3.7	88
67	The output from human inspiratory motoneurone pools. <i>Journal of Physiology</i> , 2008 , 586, 1257-64	3.9	43
66	Movement of the tongue during normal breathing in awake healthy humans. <i>Journal of Physiology</i> , 2008 , 586, 4283-94	3.9	74
65	Reproducibility of the short-latency reflex inhibition to loading of human inspiratory muscles. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 162, 216-22	2.8	19
64	Panic attacks and perception of inspiratory resistive loads in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 7-12	10.2	79
63	Surface functional electrical stimulation of the abdominal muscles to enhance cough and assist tracheostomy decannulation after high-level spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2008 , 31, 78-82	1.9	35
62	Noninvasive stimulation of human corticospinal axons innervating leg muscles. <i>Journal of Neurophysiology</i> , 2008 , 100, 1080-6	3.2	38
61	Increased ventilation does not impair maximal voluntary contractions of the elbow flexors. <i>Journal of Applied Physiology</i> , 2008 , 104, 1674-82	3.7	7
60	Recovery from supraspinal fatigue is slowed in old adults after fatiguing maximal isometric contractions. <i>Journal of Applied Physiology</i> , 2008 , 105, 1199-209	3.7	84
59	Discharge patterns of human genioglossus motor units during sleep onset. <i>Sleep</i> , 2008 , 31, 525-33	1.1	84

58	Optimal electrode placement for noninvasive electrical stimulation of human abdominal muscles. <i>Journal of Applied Physiology</i> , 2007 , 102, 1612-7	3.7	26
57	Differential activation among five human inspiratory motoneuron pools during tidal breathing. <i>Journal of Applied Physiology</i> , 2007 , 102, 772-80	3.7	79
56	The nature of corticospinal paths driving human motoneurons during voluntary contractions. <i>Journal of Physiology</i> , 2007 , 584, 651-9	3.9	36
55	The effect of lung volume on the co-ordinated recruitment of scalene and sternomastoid muscles in humans. <i>Journal of Physiology</i> , 2007 , 584, 261-70	3.9	49
54	Neural drive to human genioglossus in obstructive sleep apnoea. <i>Journal of Physiology</i> , 2007 , 585, 135-46	3.9	82
53	New display of the timing and firing frequency of single motor units. <i>Journal of Neuroscience Methods</i> , 2007 , 162, 287-92	3	14
52	Ia-afferent input to motoneurons during shortening and lengthening muscle contractions in humans. <i>Journal of Applied Physiology</i> , 2007 , 102, 144-8	3.7	18
51	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, 1756-66	3.7	48
50	Drive to the human respiratory muscles. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 159, 115-26	2.8	82
49	Neuromechanical matching of central respiratory drive: a new principle of motor unit recruitment? 2007 , 22-24		13
48	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, 526-35	2.3	72
47	Resolving head rotation for human bipedalism. <i>Current Biology</i> , 2006 , 16, 1509-14	6.3	68
46	Depression of involuntary activity in muscles paralyzed by spinal cord injury. <i>Muscle and Nerve</i> , 2006 , 33, 637-44	3.4	19
45	Fatigue-sensitive afferents inhibit extensor but not flexor motoneurons in humans. <i>Journal of Neuroscience</i> , 2006 , 26, 4796-802	6.6	142
44	Supraspinal fatigue does not explain the sex difference in muscle fatigue of maximal contractions. <i>Journal of Applied Physiology</i> , 2006 , 101, 1036-44	3.7	155
43	Decreased input to the motor cortex increases motor cortical excitability. <i>Clinical Neurophysiology</i> , 2006 , 117, 2496-503	4.3	16
42	Tonic and phasic respiratory drives to human genioglossus motoneurons during breathing. <i>Journal of Neurophysiology</i> , 2006 , 95, 2213-21	3.2	117
41	Brief airway occlusion produces prolonged reflex inhibition of inspiratory muscles in obstructive sleep apnea. <i>Sleep</i> , 2006 , 29, 321-8	1.1	22

40	Length-dependent changes in voluntary activation, maximum voluntary torque and twitch responses after eccentric damage in humans. <i>Journal of Physiology</i> , 2006 , 571, 243-52	3.9	73
39	Spatial distribution of inspiratory drive to the parasternal intercostal muscles in humans. <i>Journal of Physiology</i> , 2006 , 573, 263-75	3.9	52
38	Muscle damage and exercise: does the brain contribute to muscle weakness? 2006 , 21-22		
37	Hyperthermia: a failure of the motor cortex and the muscle. <i>Journal of Physiology</i> , 2005 , 563, 621-31	3.9	166
36	Diaphragm length and neural drive after lung volume reduction surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1259-66	10.2	46
35	Muscle fiber and motor unit behavior in the longest human skeletal muscle. <i>Journal of Neuroscience</i> , 2005 , 25, 8528-33	6.6	41
34	Increased blood pressure can reduce fatigue of thenar muscles paralyzed after spinal cord injury. <i>Muscle and Nerve</i> , 2004 , 29, 575-84	3.4	12
33	MUNE in ALS: natural history and implications. <i>Supplements To Clinical Neurophysiology</i> , 2003 , 55, 165-176		
32	Fatigue of paralyzed and control thenar muscles induced by variable or constant frequency stimulation. <i>Journal of Neurophysiology</i> , 2003 , 89, 2055-64	3.2	56
31	Responses of human motoneurons to corticospinal stimulation during maximal voluntary contractions and ischemia. <i>Journal of Neuroscience</i> , 2003 , 23, 10224-30	6.6	122
30	Depression of activity in the corticospinal pathway during human motor behavior after strong voluntary contractions. <i>Journal of Neuroscience</i> , 2003 , 23, 7974-80	6.6	59
29	Effects of sustained stimulation on the excitability of motoneurons innervating paralyzed and control muscles. <i>Journal of Applied Physiology</i> , 2003 , 94, 567-75	3.7	28
28	Reflex inhibition of human inspiratory muscles in response to contralateral phrenic nerve stimulation. <i>Respiratory Physiology and Neurobiology</i> , 2003 , 138, 87-96	2.8	12
27	Differential fatigue of paralyzed thenar muscles by stimuli of different intensities. <i>Muscle and Nerve</i> , 2002 , 26, 122-31	3.4	16
26	Balancing acts: respiratory sensations, motor control and human posture. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 118-21	3	47
25	Change in length of relaxed muscle fascicles and tendons with knee and ankle movement in humans. <i>Journal of Physiology</i> , 2002 , 539, 637-45	3.9	147
24	Interaction of transcranial magnetic stimulation and electrical transmastoid stimulation in human subjects. <i>Journal of Physiology</i> , 2002 , 541, 949-58	3.9	65
23	The history of contraction of the wrist flexors can change cortical excitability. <i>Journal of Physiology</i> , 2002 , 545, 731-7	3.9	23

22	Changes in respiratory sensations induced by lobeline after human bilateral lung transplantation. <i>Journal of Physiology</i> , 2001 , 534, 583-93	3.9	34
21	Suppression of EMG activity by transcranial magnetic stimulation in human subjects during walking. <i>Journal of Physiology</i> , 2001 , 537, 651-6	3.9	189
20	Unexpected reflex response to transmastoid stimulation in human subjects during near-maximal effort. <i>Journal of Physiology</i> , 2001 , 536, 305-12	3.9	7
19	Discharge frequencies of single motor units in human diaphragm and parasternal muscles in lying and standing. <i>Journal of Applied Physiology</i> , 2001 , 90, 147-54	3.7	25
18	Ischaemia after exercise does not reduce responses of human motoneurons to cortical or corticospinal tract stimulation. <i>Journal of Physiology</i> , 2000 , 525 Pt 3, 793-801	3.9	71
17	Changes in muscle afferents, motoneurons and motor drive during muscle fatigue. <i>European Journal of Applied Physiology</i> , 2000 , 83, 106-15	3.4	135
16	Supraspinal fatigue during intermittent maximal voluntary contractions of the human elbow flexors. <i>Journal of Applied Physiology</i> , 2000 , 89, 305-13	3.7	176
15	Stopping Exercise: Role of Pulmonary C Fibers and Inhibition Of Motoneurons. <i>Physiology</i> , 2000 , 15, 241-245	3.85	3
14	Impaired response of human motoneurons to corticospinal stimulation after voluntary exercise. <i>Journal of Physiology</i> , 1999 , 521 Pt 3, 749-59	3.9	159
13	Discharge properties and recruitment of human diaphragmatic motor units during voluntary inspiratory tasks. <i>Journal of Physiology</i> , 1999 , 518 (Pt 3), 907-20	3.9	47
12	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, 108-15	2.3	91
11	No laughing matter. <i>Lancet, The</i> , 1999 , 354, 2086	4.0	5
10	Absence of viscerosomatic inhibition with injections of lobeline designed to activate human pulmonary C fibres. <i>Journal of Physiology</i> , 1998 , 511 (Pt 1), 289-300	3.9	36
9	Human respiratory muscles: sensations, reflexes and fatiguability. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998 , 25, 757-63	3	6
8	Task failure with lack of diaphragm fatigue during inspiratory resistive loading in human subjects. <i>Journal of Applied Physiology</i> , 1997 , 82, 2011-9	3.7	44
7	Pulmonary afferents are not necessary for the reflex inhibition of human inspiratory muscles produced by airway occlusion. <i>Journal of Neurophysiology</i> , 1997 , 78, 170-6	3.2	26
6	Contraction of the human diaphragm during rapid postural adjustments. <i>Journal of Physiology</i> , 1997 , 505 (Pt 2), 539-48	3.9	180
5	Effect of contraction strength on responses in biceps brachii and adductor pollicis to transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 1997 , 117, 472-8	2.3	103

4	Impaired reflex responses to airway occlusion in the inspiratory muscles of asthmatic subjects. <i>Thorax</i> , 1996 , 51, 490-5	7.3	21
3	Supraspinal factors in human muscle fatigue: evidence for suboptimal output from the motor cortex. <i>Journal of Physiology</i> , 1996 , 490 (Pt 2), 529-36	3.9	449
2	Changes in motor cortical excitability during human muscle fatigue. <i>Journal of Physiology</i> , 1996 , 490 (Pt 2), 519-28	3.9	254
1	Role of airway receptors in the reflex responses of human inspiratory muscles to airway occlusion. <i>Journal of Physiology</i> , 1995 , 487, 273-81	3.9	37