

# Simon C Gandevia

## List of Publications by Year in Descending Order

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

564  
papers

37,328  
citations

101  
h-index

171  
g-index

594  
ext. papers

40,935  
ext. citations

4.4  
avg, IF

7.66  
L-index

#	Paper	IF	Citations
564	Poor statistical reporting in a spinal cord injury clinical trial.. <i>Brain</i> , <b>2022</b> ,	11.2	1
563	Tongue acceleration in humans evoked with intramuscular electrical stimulation of genioglossus. <i>Respiratory Physiology and Neurobiology</i> , <b>2022</b> , 295, 103786	2.8	1
562	Consensus for experimental design in electromyography (CEDE) project: High-density surface electromyography matrix.. <i>Journal of Electromyography and Kinesiology</i> , <b>2022</b> , 64, 102656	2.5	4
561	Do interoception and attending to the upper limbs affect body ownership and body representation in the grasp illusion?. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259988	3.7	0
560	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> , <b>2021</b> , 131, 1772-1782	3.7	0
559	Brief report: Passive mechanical properties of gastrocnemius in multiple sclerosis and ankle contracture. <i>Clinical Biomechanics</i> , <b>2021</b> , 84, 105338	2.2	1
558	Estimation of maximal muscle electromyographic activity from the relationship between muscle activity and voluntary activation. <i>Journal of Applied Physiology</i> , <b>2021</b> , 130, 1352-1361	3.7	1
557	Inspiratory muscle responses to sudden airway occlusion in chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 36-44	3.7	3
556	Replication: Do not trust your p-value, be it small or large. <i>Journal of Physiology</i> , <b>2021</b> , 599, 2989-2990	3.9	5
555	Tongue strength and swallowing dynamics in chronic obstructive pulmonary disease. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	2
554	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. <i>Sleep</i> , <b>2021</b> , 44,	1.1	2
553	Contralateral Effects of Unilateral Strength and Skill Training: Modified Delphi Consensus to Establish Key Aspects of Cross-Education. <i>Sports Medicine</i> , <b>2021</b> , 51, 11-20	10.6	11
552	Quantifying upper limb motor impairment in people with Parkinson's disease: a physiological profiling approach. <i>PeerJ</i> , <b>2021</b> , 9, e10735	3.1	2
551	Appropriate responses to potential child abuse: The importance of information quality. <i>Child Abuse and Neglect</i> , <b>2021</b> , 117, 105062	4.3	0
550	Consensus for experimental design in electromyography (CEDE) project: Terminology matrix. <i>Journal of Electromyography and Kinesiology</i> , <b>2021</b> , 59, 102565	2.5	8
549	Exercise and Sports Science Australia (ESSA) position statement on exercise for people with mild to moderate multiple sclerosis. <i>Journal of Science and Medicine in Sport</i> , <b>2021</b> ,	4.4	1
548	Quantifying upper limb motor impairment in chronic stroke: a physiological profiling approach. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 949-965	3.7	1

547	Original article Quantifying upper-limb motor impairment in people with multiple sclerosis: a physiological profiling approach.. <i>Annals of Physical and Rehabilitation Medicine</i> , <b>2021</b> , 101625	3.8	0
546	Judgements of hand location and hand spacing show minimal proprioceptive drift. <i>Experimental Brain Research</i> , <b>2020</b> , 238, 1759-1767	2.3	2
545	Consensus for experimental design in electromyography (CEDE) project: Amplitude normalization matrix. <i>Journal of Electromyography and Kinesiology</i> , <b>2020</b> , 53, 102438	2.5	64
544	Differential activation of the human costal and crural diaphragm during voluntary and involuntary breaths. <i>Journal of Applied Physiology</i> , <b>2020</b> , 128, 1262-1270	3.7	6
543	Increased diaphragm motor unit discharge frequencies during quiet breathing in people with chronic tetraplegia. <i>Journal of Physiology</i> , <b>2020</b> , 598, 2243-2256	3.9	2
542	Absence of inspiratory premotor potentials during quiet breathing in cervical spinal cord injury. <i>Journal of Applied Physiology</i> , <b>2020</b> , 128, 660-666	3.7	3
541	The effects of 10,000 voluntary contractions over 8 weeks on the strength of very weak muscles in people with spinal cord injury: a randomised controlled trial. <i>Spinal Cord</i> , <b>2020</b> , 58, 857-864	2.7	1
540	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> , <b>2020</b> , 75, 279-288	7.3	7
539	Unlike voluntary contractions, stimulated contractions of a hand muscle do not reduce voluntary activation or motoneuronal excitability. <i>Journal of Applied Physiology</i> , <b>2020</b> , 128, 1412-1422	3.7	3
538	Genioglossus motor unit activity in supine and upright postures in obstructive sleep apnea. <i>Sleep</i> , <b>2020</b> , 43,	1.1	3
537	Regional respiratory movement of the tongue is coordinated during wakefulness and is larger in severe obstructive sleep apnoea. <i>Journal of Physiology</i> , <b>2020</b> , 598, 581-597	3.9	10
536	Respiratory muscle activity in voluntary breathing tracking tasks: Implications for the assessment of respiratory motor control. <i>Respiratory Physiology and Neurobiology</i> , <b>2020</b> , 274, 103353	2.8	1
535	Changes in pharyngeal collapsibility and genioglossus reflex responses to negative pressure during the respiratory cycle in obstructive sleep apnoea. <i>Journal of Physiology</i> , <b>2020</b> , 598, 567-580	3.9	3
534	Respiratory cerebrospinal fluid flow is driven by the thoracic and lumbar spinal pressures. <i>Journal of Physiology</i> , <b>2020</b> , 598, 5789-5805	3.9	9
533	Supraspinal fatigue in human inspiratory muscles with repeated sustained maximal efforts. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 1365-1372	3.7	2
532	Proprioceptive impairment in unilateral neglect after stroke: A systematic review. <i>SAGE Open Medicine</i> , <b>2020</b> , 8, 2050312120951073	2.4	1
531	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> , <b>2020</b> , 6, 2055217320947530	2.5	3
530	The reliability of inspiratory resistive load magnitude and detection testing. <i>Respiratory Physiology and Neurobiology</i> , <b>2020</b> , 281, 103490	2.8	1

529	Impaired central drive to plantarflexors and minimal ankle proprioceptive deficit in people with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , <b>2020</b> , 46, 102584	4	1
528	Breath-synchronized electrical stimulation of the expiratory muscles in mechanically ventilated patients: a randomized controlled feasibility study and pooled analysis. <i>Critical Care</i> , <b>2020</b> , 24, 628	10.8	3
527	Age has no effect on ankle proprioception when movement history is controlled. <i>Journal of Applied Physiology</i> , <b>2020</b> , 128, 1365-1372	3.7	6
526	Nocturnal swallowing augments arousal intensity and arousal tachycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 8624-8632	11.5	1
525	The frequency of bowel and bladder problems in multiple sclerosis and its relation to fatigue: A single centre experience. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222731	3.7	12
524	Sagittal Measurement of Tongue Movement During Respiration: Comparison Between Ultrasonography and Magnetic Resonance Imaging. <i>Ultrasound in Medicine and Biology</i> , <b>2019</b> , 45, 921-934	4.5	6
523	Proprioceptive measurements of perceived hand position using pointing and verbal localisation tasks. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210911	3.7	7
522	Small amounts of involuntary muscle activity reduce passive joint range of motion. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 229-234	3.7	8
521	The hidden hand is perceived closer to midline. <i>Experimental Brain Research</i> , <b>2019</b> , 237, 1773-1779	2.3	4
520	Quantitative assessment of nocturnal neural respiratory drive in children with and without obstructive sleep apnoea using surface EMG. <i>Experimental Physiology</i> , <b>2019</b> , 104, 755-764	2.4	3
519	Use of illicit amphetamines is associated with long-lasting changes in hand circuitry and control. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 655-665	4.3	3
518	Minimal force transmission between human thumb and index finger muscles under passive conditions. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212496	3.7	3
517	Statistics and spin: it's time to improve. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4411-4412	3.9	
516	Discharge properties of human diaphragm motor units with ageing. <i>Journal of Physiology</i> , <b>2019</b> , 597, 5079-5092	3.9	11
515	Abdominal functional electrical stimulation to assist ventilator weaning in critical illness: a double-blinded, randomised, sham-controlled pilot study. <i>Critical Care</i> , <b>2019</b> , 23, 261	10.8	6
514	Consensus for experimental design in electromyography (CEDE) project: Electrode selection matrix. <i>Journal of Electromyography and Kinesiology</i> , <b>2019</b> , 48, 128-144	2.5	43
513	Poor statistical reporting and spin in neuromuscular fatigue research. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 2119-2120	3.4	1
512	The upper limb Physiological Profile Assessment: Description, reliability, normative values and criterion validity. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218553	3.7	16

511	Applying behavioural insights to child protection: venturing beyond the low-hanging fruit. <i>Behavioural Public Policy</i> , <b>2019</b> , 1-25	2.7	1
510	Stability of perception of the hand's aperture in a grasp. <i>Journal of Physiology</i> , <b>2019</b> , 597, 5973-5984	3.9	2
509	Abdominal Functional Electrical Stimulation to Augment Respiratory Function in Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , <b>2019</b> , 25, 105-111	1.5	2
508	A Principle of Neuromechanical Matching for Motor Unit Recruitment in Human Movement. <i>Exercise and Sport Sciences Reviews</i> , <b>2019</b> , 47, 157-168	6.7	10
507	A Novel Finger Illusion Reveals Reduced Weighting of Bimanual Hand Cortical Representations in People With Complex Regional Pain Syndrome. <i>Journal of Pain</i> , <b>2019</b> , 20, 171-180	5.2	6
506	Passive changes in muscle length. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 1445-1453	3.7	8
505	The passive mechanical properties of muscle. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 1442-1444	3.7	6
504	Reflex response to airway occlusion in human inspiratory muscles when recruited for breathing and posture. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 132-140	3.7	2
503	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
502	History-dependence of muscle slack length following contraction and stretch in the human vastus lateralis. <i>Journal of Physiology</i> , <b>2018</b> , 596, 2121-2129	3.9	10
501	Differences in muscle performance during fatigue may explain the differences in motoneurone excitability between acute and chronic hypoxia. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3425	3.9	1
500	Effects of acute isometric resistance exercise on cervicomedullary motor evoked potentials. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 1514-1522	4.6	2
499	Advances in Remote Respiratory Assessments for People with Chronic Obstructive Pulmonary Disease: A Systematic Review. <i>Telemedicine Journal and E-Health</i> , <b>2018</b> , 24, 415-424	5.9	9
498	Time, touch and temperature affect perceived finger position and ownership in the grasp illusion. <i>Journal of Physiology</i> , <b>2018</b> , 596, 267-280	3.9	9
497	Motor unit territories in human genioglossus estimated with multichannel intramuscular electrodes. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 664-671	3.7	16
496	Inspiratory pre-motor potentials during quiet breathing in ageing and chronic obstructive pulmonary disease. <i>Journal of Physiology</i> , <b>2018</b> , 596, 6173-6189	3.9	11
495	Big data vs accurate data in health research: Large-scale physical activity monitoring, smartphones, wearable devices and risk of unconscious bias. <i>Medical Hypotheses</i> , <b>2018</b> , 119, 32-36	3.8	29
494	Optimal electrode position for abdominal functional electrical stimulation. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 1062-1068	3.7	2

493	Kinesthetic Senses. <i>Comprehensive Physiology</i> , <b>2018</b> , 8, 1157-1183	7.7	39
492	Effects of horizontal distance and limb crossing on perceived hand spacing and ownership: Differential sensory processing across hand configurations. <i>Scientific Reports</i> , <b>2018</b> , 8, 17699	4.9	5
491	Poliomyelitis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2018</b> , 159, 337-344	3	7
490	Poor statistical reporting, inadequate data presentation and spin persist despite editorial advice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202121	3.7	37
489	Effects of morphine on respiratory load detection, load magnitude perception, and tactile sensation in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 393-400	3.7	8
488	Influence of respiratory mechanics and drive on genioglossus movement under ultrasound imaging. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195884	3.7	6
487	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
486	Vicarious pain responders and emotion: Evidence for distress rather than mimicry. <i>Psychophysiology</i> , <b>2017</b> , 54, 1081-1095	4.1	8
485	Validation of a quantitative method to measure neural respiratory drive in children during sleep. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 239, 75-80	2.8	3
484	How does passive lengthening change the architecture of the human medial gastrocnemius muscle?. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 727-738	3.7	35
483	Strength training for partially paralysed muscles in people with recent spinal cord injury: a within-participant randomised controlled trial. <i>Spinal Cord</i> , <b>2017</b> , 55, 460-465	2.7	19
482	Recovery of central and peripheral neuromuscular fatigue after exercise. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 1068-1076	3.7	102
481	Task-dependent output of human parasternal intercostal motor units across spinal levels. <i>Journal of Physiology</i> , <b>2017</b> , 595, 7081-7092	3.9	5
480	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
479	Body ownership and a new proprioceptive role for muscle spindles. <i>Acta Physiologica</i> , <b>2017</b> , 220, 19-27	5.6	12
478	Role of common hypnotics on the phenotypic causes of obstructive sleep apnoea: paradoxical effects of zolpidem. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	34
477	Questionable science and reproducibility in electrical brain stimulation research. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175635	3.7	39
476	Activation of human inspiratory muscles in an upside-down posture. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 226, 152-9	2.8	13

475	Human intersegmental reflexes from intercostal afferents to scalene muscles. <i>Experimental Physiology</i> , <b>2016</b> , 101, 1301-1308	2.4	7
474	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
473	Effects of a home-based step training programme on balance, stepping, cognition and functional performance in people with multiple sclerosis--a randomized controlled trial. <i>Multiple Sclerosis Journal</i> , <b>2016</b> , 22, 94-103	5	54
472	Ultrasound imaging of the human medial gastrocnemius muscle: how to orient the transducer so that muscle fascicles lie in the image plane. <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 1002-1008	2.9	29
471	Effect of Transducer Orientation on Errors in Ultrasound Image-Based Measurements of Human Medial Gastrocnemius Muscle Fascicle Length and Pennation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157273	3.7	30
470	Time course of human motoneuron recovery after sustained low-level voluntary activity. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 803-12	3.2	9
469	Stability of biceps brachii MMax with one session of strength training. <i>Muscle and Nerve</i> , <b>2016</b> , 54, 791-3	3.4	2
468	Unexpected factors affecting the excitability of human motoneurons in voluntary and stimulated contractions. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2707-17	3.9	9
467	Voluntary activation and cerebral blood flow: better measurement leads to less argument. <i>Journal of Physiology</i> , <b>2016</b> , 594, 7483-7484	3.9	1
466	Use of a physiological profile to document motor impairment in ageing and in clinical groups. <i>Journal of Physiology</i> , <b>2016</b> , 594, 4513-23	3.9	31
465	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
464	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
463	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> , <b>2016</b> , 121, 910-916	3.7	1
462	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
461	Reply from S. C. Gandevia, S. L. Khan and J. L. Taylor. <i>Journal of Physiology</i> , <b>2016</b> , 594, 3847-8	3.9	
460	Effects of fatigue on corticospinal excitability of the human knee extensors. <i>Experimental Physiology</i> , <b>2016</b> , 101, 1552-1564	2.4	34
459	Cognitive behaviour therapy reduces dyspnoea ratings in patients with chronic obstructive pulmonary disease (COPD). <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 216, 35-42	2.8	30
458	Comparison of measurements of medial gastrocnemius architectural parameters from ultrasound and diffusion tensor images. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 1133-40	2.9	60

457	Anaesthesia changes perceived finger width but not finger length. <i>Experimental Brain Research</i> , <b>2015</b> , 233, 1761-71	2.3	11
456	Neurogenic changes in the upper airway of obstructive sleep apnoea. <i>Current Neurology and Neuroscience Reports</i> , <b>2015</b> , 15, 12	6.6	10
455	Mechanisms contributing to the response of upper-airway muscles to changes in airway pressure. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 1221-8	3.7	30
454	Electrical stimulation of abdominal muscles to produce cough in spinal cord injury: effect of stimulus intensity. <i>Neurorehabilitation and Neural Repair</i> , <b>2015</b> , 29, 362-9	4.7	10
453	Short-latency inhibitory reflex responses to inspiratory loading of the scalene muscles are impaired in spinal cord injury. <i>Experimental Physiology</i> , <b>2015</b> , 100, 216-25	2.4	7
452	TMS-evoked silent periods in scalene and parasternal intercostal muscles during voluntary breathing. <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 216, 15-22	2.8	9
451	Effects of tongue position and lung volume on voluntary maximal tongue protrusion force in humans. <i>Respiratory Physiology and Neurobiology</i> , <b>2015</b> , 206, 61-6	2.8	5
450	Changes in the length and three-dimensional orientation of muscle fascicles and aponeuroses with passive length changes in human gastrocnemius muscles. <i>Journal of Physiology</i> , <b>2015</b> , 593, 441-55	3.9	41
449	Multiple sclerosis severity and concern about falling: Physical, cognitive and psychological mediating factors. <i>NeuroRehabilitation</i> , <b>2015</b> , 37, 139-47	2	6
448	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> , <b>2015</b> , 1, 15010	1.4	5
447	Tongue stiffness is lower in patients with obstructive sleep apnea during wakefulness compared with matched control subjects. <i>Sleep</i> , <b>2015</b> , 38, 537-44	1.1	37
446	Accurate and representative decoding of the neural drive to muscles in humans with multi-channel intramuscular thin-film electrodes. <i>Journal of Physiology</i> , <b>2015</b> , 593, 3789-804	3.9	59
445	The close proximity of threat: altered distance perception in the anticipation of pain. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 626	3.4	9
444	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
443	Commentaries on Viewpoint: The ongoing need for good physiological investigation: Obstructive sleep apnea in HIV patients as a paradigm. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 247-50	3.7	1
442	How Weight Affects the Perceived Spacing between the Thumb and Fingers during Grasping. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127983	3.7	3
441	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
440	Hand function is impaired in healthy older adults at risk of Parkinson's disease. <i>Journal of Neural Transmission</i> , <b>2014</b> , 121, 1377-86	4.3	3



439	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
438	Neuropsychological, balance, and mobility risk factors for falls in people with multiple sclerosis: a prospective cohort study. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2014</b> , 95, 480-6	2.8	105
437	Biomechanical properties of the human upper airway and their effect on its behavior during breathing and in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 314-24	3.7	68
436	Proprioception, tensegrity, and motor control. <i>Journal of Motor Behavior</i> , <b>2014</b> , 46, 199-201	1.4	9
435	The neural control of human inspiratory muscles. <i>Progress in Brain Research</i> , <b>2014</b> , 209, 295-308	2.9	33
434	Sustained maximal voluntary contraction produces independent changes in human motor axons and the muscle they innervate. <i>PLoS ONE</i> , <b>2014</b> , 9, e91754	3.7	4
433	A novel ultrasound technique to measure genioglossus movement in vivo. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 556-62	3.7	10
432	Healthy humans with a narrow upper airway maintain patency during quiet breathing by dilating the airway during inspiration. <i>Journal of Physiology</i> , <b>2014</b> , 592, 4763-74	3.9	34
431	Prevalence of joint contractures and muscle weakness in people with multiple sclerosis. <i>Disability and Rehabilitation</i> , <b>2014</b> , 36, 1588-93	2.4	57
430	Cerebral, subcortical, and cerebellar activation evoked by selective stimulation of muscle and cutaneous afferents: an fMRI study. <i>Physiological Reports</i> , <b>2014</b> , 2, e00270	2.6	16
429	Proprioceptive Mechanisms and the Human Hand. <i>Springer Tracts in Advanced Robotics</i> , <b>2014</b> , 123-141	0.5	
428	The influence of motor cortical stimulus intensity on the relaxation rate of human lower limb muscles. <i>Experimental Brain Research</i> , <b>2013</b> , 228, 235-42	2.3	7
427	Effects of aging and sex on voluntary activation and peak relaxation rate of human elbow flexors studied with motor cortical stimulation. <i>Age</i> , <b>2013</b> , 35, 1327-37		29
426	Reply to Letter to the editor: The saga of the safety of diaphragm electromyography. <i>Muscle and Nerve</i> , <b>2013</b> , 48, 997	3.4	
425	Is this my finger? Proprioceptive illusions of body ownership and representation. <i>Journal of Physiology</i> , <b>2013</b> , 591, 5661-70	3.9	14
424	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
423	Batteries and the brain. <i>Journal of Physiology</i> , <b>2013</b> , 591, 3105	3.9	
422	Ulnar nerve subluxation. <i>Muscle and Nerve</i> , <b>2013</b> , 48, 997-8	3.4	1

421	Perceptual bias in pain: a switch looks closer when it will relieve pain than when it won't. <i>Pain</i> , <b>2013</b> , 154, 1961-1965	8	8
420	Falls efficacy scale-international: a cross-sectional validation in people with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 94, 883-9	2.8	72
419	Abdominal muscle training can enhance cough after spinal cord injury. <i>Neurorehabilitation and Neural Repair</i> , <b>2013</b> , 27, 834-43	4.7	30
418	Gastrocnemius muscle contracture after spinal cord injury: a longitudinal study. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 92, 565-74	2.6	15
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