Di J Newham

List of Publications by Year
in descending order

39 papers	1,919 citations	331538 21 h-index	315616 38 g-index
40 all docs	40 docs citations	40 times ranked	2292 citing authors

#	Article	IF	Citations
1	Quadriceps function, proprioceptive acuity and functional performance in healthy young, middle-aged and elderly subjects. Age and Ageing, 1998, 27, 55-62.	0.7	319
2	Strength, power output and symmetry of leg muscles: effect of age and history of falling. European Journal of Applied Physiology, 2007, 100, 553-561.	1.2	197
3	Muscle activity and acceleration during whole body vibration: Effect of frequency and amplitude. Clinical Biomechanics, 2010, 25, 840-846.	0.5	149
4	Postpartum characteristics of rectus abdominis on ultrasound imaging. Manual Therapy, 2008, 13, 112-121.	1.6	146
5	Effects of whole body vibration on motor unit recruitment and threshold. Journal of Applied Physiology, 2012, 112, 388-395.	1.2	141
6	Steadiness of quadriceps contractions in young and older adults with and without a history of falling. European Journal of Applied Physiology, 2007, 100, 527-533.	1.2	109
7	Longâ€term intensive electrically stimulated cycling by spinal cordâ€“injured people: Effect on muscle properties and their relation to power output. Muscle and Nerve, 2008, 38, 1304-1311.	1.0	76
8	Whole-body vibration in addition to strength and balance exercise for falls-related functional mobility of frail older adults: a single-blind randomized controlled trial. Clinical Rehabilitation, 2012, 26, 915-923.	1.0	75
9	The effects of whole body vibration on balance, joint position sense and cutaneous sensation. European Journal of Applied Physiology, 2011, 111, 3069-3077.	1.2	69
10	The Effect of Coil Type and Navigation on the Reliability of Transcranial Magnetic Stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 617-625.	2.7	64
11	The Effect of Combined Somatosensory Stimulation and Task-Specific Training on Upper Limb Function in Chronic Stroke. Neurorehabilitation and Neural Repair, 2015, 29, 143-152.	1.4	44
12	Energy turnover in relation to slowing of contractile properties during fatiguing contractions of the human anterior tibialis muscle. Journal of Physiology, 2009, 587, 4329-4338.	1.3	43
13	A Pain Management Program for Chronic Cancer-Treatmentâ€“Related Pain: A Preliminary Study. Journal of Pain, 2006, 7, 82-90.	0.7	41
14	Transcutaneous Electrical Nerve Stimulation vs. Transcutaneous Spinal Electroanalgesia for Chronic Pain Associated with Breast Cancer Treatments. Journal of Pain and Symptom Management, 2007, 33, 410-419.	0.6	41
15	Fatigue and functional performance of human biceps muscle following concentric or eccentric contractions. Journal of Applied Physiology, 2007, 102, 207-213.	1.2	41
16	Power output, isometric strength and steadiness in the leg muscles of pre- and postmenopausal women; the effects of hormone replacement therapy. European Journal of Applied Physiology, 2006, 96, 292-298.	1.2	35
17	The effect of transcranial direct current stimulation on motor sequence learning and upper limb function after stroke. Clinical Neurophysiology, 2017, 128, 1389-1398.	0.7	35
18	Physiotherapy for Best Effect. Physiotherapy, 1997, 83, 5-11.	0.2	31

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19	Chronic exertional compartment syndrome: muscle changes with isometric exercise. Medicine and Science in Sports and Exercise, 2002, 34, 1900-1906.	0.2	31
20	The Variable Component of Lateral Body Sway During Walking in Young And Older Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1463-1468.	1.7	29
21	Incidence of G-Induced Loss of Consciousness and Almost Loss of Consciousness in the Royal Air Force. Aerospace Medicine and Human Performance, 2017, 88, 550-555.	0.2	24
22	Self-Perceived Utilization of the Paretic Arm in Chronic Stroke Requires High Upper Limb Functional Ability. Archives of Physical Medicine and Rehabilitation, 2014, 95, 918-924.	0.5	22
23	Venous Obstruction in Healthy Limbs: A Model for Chronic Compartment Syndrome?. Medicine and Science in Sports and Exercise, 2003, 35, 1638-1644.	0.2	20
24	The human force:velocity relationship; activity in the knee flexor and extensor muscles before and after eccentric practice. European Journal of Applied Physiology, 2001, 84, 133-140.	1.2	19
25	Why is the Metabolic Efficiency of FES Cycling Low?. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 263-269.	2.7	19
26	Non-invasive brain stimulation for the lower limb after stroke: what do we know so far and what should we be doing next?. Disability and Rehabilitation, 2017, 39, 714-720.	0.9	17
27	Reliability of Transcallosal Inhibition in Healthy Adults. Frontiers in Human Neuroscience, 2016, 10, 681.	1.0	16
28	Lower Body Acceleration and Muscular Responses to Rotational and Vertical Whole-Body Vibration at Different Frequencies and Amplitudes. Dose-Response, 2019, 17, 155932581881994.	0.7	11
29	Immediate effects of cervical mobilisations on global perceived effect, movement associated pain and neck kinematics in patients with non-specific neck pain. A double blind placebo randomised controlled trial. Musculoskeletal Science and Practice, 2018, 38, 83-90.	0.6	10
30	Association between sympathoexcitatory changes and symptomatic improvement following cervical mobilisations in participants with neck pain. A double blind placebo controlled trial. Musculoskeletal Science and Practice, 2019, 42, 90-97.	0.6	10
31	Differences in neck surface electromyography, kinematics and pain occurrence during physiological neck movements between neck pain and asymptomatic participants. A cross-sectional study. Clinical Biomechanics, 2018, 57, 1-9.	0.5	9
32	Effects of endurance and strengthâ€directed electrical stimulation training on the performance and histological properties of paralyzed human muscle: A pilot study. Muscle and Nerve, 2010, 42, 756-763.	1.0	6
33	Explicit motor sequence learning with the paretic arm after stroke. Disability and Rehabilitation, 2018, 40, 323-328.	0.9	6
34	Methodological perspectives. Disability and Rehabilitation, 1999, 21, 134-136.	0.9	4
35	Effect of patellofemoral pain on foot posture and walking kinematics. Gait and Posture, 2019, 70, 361-369.	0.6	4
36	The effect of whole body vibration on older people: a systematic review. Physical Therapy Reviews, 2012, 17, 110-123.	0.3	2

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37	Immediate effects of cervical mobilisations on neck muscle activity during active neck movements in patients with non-specific neck pain. A double blind placebo controlled trial. Physiotherapy, 2021, 110, 42-53.	0.2	2
38	Correction to Why is the Metabolic Efficiency of FES Cycling Low?. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 605-605.	2.7	1
39	Muscle performance after stroke. , 2005, , 67-85.		1