

Alison K McConnell

List of Publications by Citations

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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.

87
papers

2,737
citations

34
h-index

50
g-index

98
ext. papers

3,155
ext. citations

3.4
avg, IF

5.2
L-index

#	Paper	IF	Citations
87	Inspiratory muscle training improves rowing performance. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 803-9	1.2	182
86	Effects of inspiratory muscle training on time-trial performance in trained cyclists. <i>Journal of Sports Sciences</i> , 2002 , 20, 547-62	3.6	123
85	Respiratory muscle training in healthy humans: resolving the controversy. <i>International Journal of Sports Medicine</i> , 2004 , 25, 284-93	3.6	104
84	Specificity and reversibility of inspiratory muscle training. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 237-44	1.2	90
83	Inspiratory muscle fatigue in trained cyclists: effects of inspiratory muscle training. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 785-92	1.2	87
82	Inspiratory muscle training improves 100 and 200 m swimming performance. <i>European Journal of Applied Physiology</i> , 2010 , 108, 505-11	3.4	86
81	The influence of inspiratory and expiratory muscle training upon rowing performance. <i>European Journal of Applied Physiology</i> , 2007 , 99, 457-66	3.4	83
80	The influence of inspiratory muscle work history and specific inspiratory muscle training upon human limb muscle fatigue. <i>Journal of Physiology</i> , 2006 , 577, 445-57	3.9	81
79	Rebuttal from Alison K. McConnell. <i>Journal of Physiology</i> , 2012 , 590, 3401-3401	3.9	78
78	Effects of inspiratory muscle training upon recovery time during high intensity, repetitive sprint activity. <i>International Journal of Sports Medicine</i> , 2002 , 23, 353-60	3.6	67
77	Pre-operative inspiratory muscle training preserves postoperative inspiratory muscle strength following major abdominal surgery - a randomised pilot study. <i>Annals of the Royal College of Surgeons of England</i> , 2010 , 92, 700-7	1.4	64
76	Efficacy of a Novel Method for Inspiratory Muscle Training in People With Chronic Obstructive Pulmonary Disease. <i>Physical Therapy</i> , 2015 , 95, 1264-73	3.3	63
75	Maximum static respiratory pressures in healthy elderly men and women: issues of reproducibility and interpretation. <i>Respiration</i> , 1999 , 66, 251-8	3.7	63
74	Impact of changes in the IOC-MC asthma criteria: a British perspective. <i>Thorax</i> , 2005 , 60, 629-32	7.3	62
73	Screening elite winter athletes for exercise induced asthma: a comparison of three challenge methods. <i>British Journal of Sports Medicine</i> , 2006 , 40, 179-82; discussion 179-82	10.3	60
72	Proprioceptive changes impair balance control in individuals with chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2013 , 8, e57949	3.7	57
71	Inspiratory muscle fatigue in swimmers after a single 200 m swim. <i>Journal of Sports Sciences</i> , 2003 , 21, 659-64	3.6	56

70	Assessment of maximum inspiratory pressure. Prior submaximal respiratory muscle activity (Warm-up) enhances maximum inspiratory activity and attenuates the learning effect of repeated measurement. <i>Respiration</i> , 2001 , 68, 22-7	3.7	55
69	The effect of inspiratory muscles fatigue on postural control in people with and without recurrent low back pain. <i>Spine</i> , 2010 , 35, 1088-94	3.3	53
68	Inspiratory muscle training protocol for patients with chronic obstructive pulmonary disease (IMTCO study): a multicentre randomised controlled trial. <i>BMJ Open</i> , 2013 , 3,	3	48
67	Randomised controlled trial of adjunctive inspiratory muscle training for patients with COPD. <i>Thorax</i> , 2018 , 73, 942-950	7.3	47
66	Inspiratory muscle training in pulmonary rehabilitation program in COPD patients. <i>Respiratory Medicine</i> , 2007 , 101, 1500-5	4.6	47
65	Specific respiratory warm-up improves rowing performance and exertional dyspnea. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1189-93	1.2	47
64	Inter-test reliability for non-invasive measures of respiratory muscle function in healthy humans. <i>European Journal of Applied Physiology</i> , 2004 , 91, 167-76	3.4	42
63	Inspiratory muscle training affects proprioceptive use and low back pain. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 12-9	1.2	41
62	Diaphragm and intercostal surface EMG and muscle performance after acute inspiratory muscle loading. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 155, 213-9	2.8	40
61	The effect of inspiratory muscle training upon maximum lactate steady-state and blood lactate concentration. <i>European Journal of Applied Physiology</i> , 2005 , 94, 277-84	3.4	40
60	Measurement validity of an electronic inspiratory loading device during a loaded breathing task in patients with COPD. <i>Respiratory Medicine</i> , 2013 , 107, 633-5	4.6	39
59	Diagnosis of exercise-induced bronchoconstriction: eucapnic voluntary hyperpnoea challenges identify previously undiagnosed elite athletes with exercise-induced bronchoconstriction. <i>British Journal of Sports Medicine</i> , 2011 , 45, 1126-31	10.3	39
58	Dyspnoea in health and obstructive pulmonary disease : the role of respiratory muscle function and training. <i>Sports Medicine</i> , 2004 , 34, 117-32	10.6	39
57	The assessment of inspiratory muscle fatigue in healthy individuals: a systematic review. <i>Respiratory Medicine</i> , 2013 , 107, 331-46	4.6	38
56	Inspiratory muscle fatigue following running to volitional fatigue: the influence of baseline strength. <i>International Journal of Sports Medicine</i> , 1997 , 18, 169-73	3.6	38
55	Changes in respiratory muscle and lung function following marathon running in man. <i>Journal of Sports Sciences</i> , 2008 , 26, 1295-301	3.6	37
54	The influence of prior activity upon inspiratory muscle strength in rowers and non-rowers. <i>International Journal of Sports Medicine</i> , 1999 , 20, 542-7	3.6	35
53	Effect of inspiratory muscle training on exercise tolerance in asthmatic individuals. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 2031-8	1.2	31

52	Respiratory muscle training in chronic obstructive pulmonary disease: inspiratory, expiratory, or both?. <i>Current Opinion in Pulmonary Medicine</i> , 2005 , 11, 140-4	3	30
51	Greater diaphragm fatigability in individuals with recurrent low back pain. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 188, 119-23	2.8	29
50	Impaired postural control reduces sit-to-stand-to-sit performance in individuals with chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2014 , 9, e88247	3.7	28
49	Inspiratory muscle training improves breathing pattern during exercise in COPD patients. <i>European Respiratory Journal</i> , 2016 , 47, 1261-4	13.6	27
48	Influence of prior activity (warm-up) and inspiratory muscle training upon between- and within-day reliability of maximal inspiratory pressure measurement. <i>Respiration</i> , 2009 , 78, 197-202	3.7	26
47	"Functional" Inspiratory and Core Muscle Training Enhances Running Performance and Economy. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2942-51	3.2	25
46	Estimation of arterial PCO ₂ in the elderly. <i>Journal of Applied Physiology</i> , 1995 , 79, 2086-93	3.7	25
45	Acute cardiorespiratory responses to inspiratory pressure threshold loading. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1696-703	1.2	23
44	Respiratory-related limitations in physically demanding occupations. <i>Aviation, Space, and Environmental Medicine</i> , 2012 , 83, 424-30		23
43	Mid-expiratory flow versus FEV ₁ measurements in the diagnosis of exercise induced asthma in elite athletes. <i>Thorax</i> , 2006 , 61, 111-4	7.3	23
42	Influence of acute inspiratory loading upon diaphragm motor-evoked potentials in healthy humans. <i>Journal of Applied Physiology</i> , 2007 , 102, 1883-90	3.7	23
41	Ventilatory sensitivity to carbon dioxide: the influence of exercise and athleticism. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 685-91	1.2	23
40	Influence of different breathing frequencies on the severity of inspiratory muscle fatigue induced by high-intensity front crawl swimming. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1169-74 ^{3.2}	3.2	22
39	A comparison of the ventilatory responses to exercise of elderly and younger humans. <i>Journal of Gerontology</i> , 1992 , 47, B137-41		21
38	CrossTalk opposing view: respiratory muscle training does improve exercise tolerance. <i>Journal of Physiology</i> , 2012 , 590, 3397-8; discussion 3399-400	3.9	20
37	Acute and chronic responses of the upper airway to inspiratory loading in healthy awake humans: an MRI study. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 157, 270-80	2.8	19
36	Respiratory Muscle Training as an Ergogenic Aid. <i>Journal of Exercise Science and Fitness</i> , 2009 , 7, S18-S27 ^{3.1}		17
35	Inspiratory muscle training: a simple cost-effective treatment for inspiratory stridor. <i>British Journal of Sports Medicine</i> , 2007 , 41, 694-5; discussion 695	10.3	14

34	Postural strategy and back muscle oxygenation during inspiratory muscle loading. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1355-62	1.2	13
33	The role of inspiratory muscle function and training in the genesis of dyspnoea in asthma and COPD. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2005 , 14, 186-94		13
32	Assessment of spinal curvature. <i>International Journal of Rehabilitation Research</i> , 1996 , 19, 271-278	1.8	13
31	The effects of 8 weeks of inspiratory muscle training on the balance of healthy older adults: a randomized, double-blind, placebo-controlled study. <i>Physiological Reports</i> , 2019 , 7, e14076	2.6	12
30	Influence of environmental temperature on exercise-induced inspiratory muscle fatigue. <i>European Journal of Applied Physiology</i> , 2004 , 91, 656-63	3.4	12
29	The effect of a sit-stand workstation intervention on daily sitting, standing and physical activity: protocol for a 12-month workplace randomised control trial. <i>BMC Public Health</i> , 2015 , 15, 152	4.1	11
28	Do fire-fighters develop specific ventilatory responses in order to cope with exercise whilst wearing self-contained breathing apparatus?. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999 , 80, 107-12		10
27	Ventilatory responses to exercise and carbon dioxide in elderly and younger humans. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993 , 66, 332-7		8
26	Maximal voluntary hyperpnoea increases blood lactate concentration during exercise. <i>European Journal of Applied Physiology</i> , 2006 , 96, 600-8	3.4	7
25	The Relationship between Military Combat and Cardiovascular Risk: A Systematic Review and Meta-Analysis. <i>International Journal of Vascular Medicine</i> , 2019 , 2019, 9849465	1.2	7
24	The influence of rowing-related postures upon respiratory muscle pressure and flow generating capacity. <i>European Journal of Applied Physiology</i> , 2012 , 112, 4143-50	3.4	6
23	Acute effects of inspiratory pressure threshold loading upon airway resistance in people with asthma. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 166, 159-63	2.8	6
22	Inspiratory muscle training as a tool for the management of patients with COPD. <i>European Respiratory Journal</i> , 2004 , 24, 510-1; author reply 511	13.6	5
21	The ventilatory response to moderate hypocapnic exercise in human beings. <i>Respiration Physiology</i> , 1996 , 103, 147-56		5
20	Comparison of balance changes after inspiratory muscle or Otago exercise training. <i>PLoS ONE</i> , 2020 , 15, e0227379	3.7	4
19	Implementing respiratory muscle training 2013 , 149-173		4
18	Respiratory and locomotor muscle blood-volume and oxygenation kinetics during intense intermittent exercise. <i>European Journal of Sport Science</i> , 2012 , 12, 321-330	3.9	4
17	Methods of respiratory muscle training 2013 , 135-147		3

16	Inspiratory muscle training and testing: Rationale, development and feasibility. <i>Equine Veterinary Journal</i> , 2020 , 52, 620-626	2.4	3
15	British Thoracic Society guideline on pulmonary rehabilitation in adults: does objectivity have a sliding scale?. <i>Thorax</i> , 2014 , 69, 387-8	7.3	2
14	Implementation of sit-stand desks as a workplace health initiative: stakeholder views. <i>International Journal of Workplace Health Management</i> , 2019 , 12, 369-386	1.3	2
13	Exercise physiology and training principles 2013 , 37-55		1
12	Functional benefits of respiratory muscle training 2013 , 97-131		1
11	Development of an automated pressure-threshold loading device for evaluation of inspiratory muscle performance. <i>Sports Engineering</i> , 2001 , 4, 87-94	1.4	1
10	Re: Evaluation of an inspiratory muscle trainer in healthy humans (Respir Med 2001; 95: 526-531). <i>Respiratory Medicine</i> , 2002 , 96, 129-33	4.6	1
9	Inspiratory Muscle Training Improves Exercise Tolerance and Attenuates Inspiratory Muscle Fatigue and the Perception of Dyspnea in Asthmatic Individuals.. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S305	1.2	1
8	Inspiratory muscle training for the treatment of dynamic upper airway collapse in racehorses: A preliminary investigation. <i>Veterinary Journal</i> , 2021 , 275, 105708	2.5	1
7	Association Between Inspiratory Muscle Function and Balance Ability in Older People: A Pooled Data Analysis Before and After Inspiratory Muscle Training. <i>Journal of Aging and Physical Activity</i> , 2021 , 1-13	1.6	0
6	The respiratory muscles 2013 , 57-96		
5	Functional training of the respiratory muscles 2013 , 175-223		
4	Letter to the Editor. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, e1	3.2	
3	Lung disease and dysfunction 2008 , 97-118		
2	In favour of respiratory muscle training. <i>Chronic Respiratory Disease</i> , 2005 , 2, 219-21	3	
1	Impact Of The International Olympic Committee ??? Medical Commision Change In Asthma Diagnosis ??? A British Perspective. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S229	1.2	