

Alison K McConnell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3908990/publications.pdf>

Version: 2024-02-01

96
papers

3,579
citations

94381

37
h-index

143943

57
g-index

98
all docs

98
docs citations

98
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Inspiratory muscle training improves rowing performance. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 803-809.	0.2	229
2	Effects of inspiratory muscle training on time-trial performance in trained cyclists. <i>Journal of Sports Sciences</i> , 2002, 20, 547-590.	1.0	156
3	Respiratory Muscle Training in Healthy Humans: Resolving the Controversy. <i>International Journal of Sports Medicine</i> , 2004, 25, 284-293.	0.8	142
4	Inspiratory muscle training improves 100 and 200m swimming performance. <i>European Journal of Applied Physiology</i> , 2010, 108, 505-511.	1.2	121
5	Specificity and Reversibility of Inspiratory Muscle Training. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 237-244.	0.2	119
6	Inspiratory muscle fatigue in trained cyclists: effects of inspiratory muscle training. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 785-792.	0.2	118
7	The influence of inspiratory muscle work history and specific inspiratory muscle training upon human limb muscle fatigue. <i>Journal of Physiology</i> , 2006, 577, 445-457.	1.3	108
8	The influence of inspiratory and expiratory muscle training upon rowing performance. <i>European Journal of Applied Physiology</i> , 2007, 99, 457-466.	1.2	96
9	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, 700-705.	0.3	88
10	Efficacy of a Novel Method for Inspiratory Muscle Training in People With Chronic Obstructive Pulmonary Disease. <i>Physical Therapy</i> , 2015, 95, 1264-1273.	1.1	88
11	Effects of Inspiratory Muscle Training Upon Recovery Time During High Intensity, Repetitive Sprint Activity. <i>International Journal of Sports Medicine</i> , 2002, 23, 353-360.	0.8	85
12	Proprioceptive Changes Impair Balance Control in Individuals with Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2013, 8, e57949.	1.1	84
13	Impact of changes in the IOC-MC asthma criteria: a British perspective. <i>Thorax</i> , 2005, 60, 629-632.	2.7	82
14	Screening elite winter athletes for exercise induced asthma: a comparison of three challenge methods * Commentary. <i>British Journal of Sports Medicine</i> , 2006, 40, 179-182.	3.1	75
15	The Effect of Inspiratory Muscles Fatigue on Postural Control in People With and Without Recurrent Low Back Pain. <i>Spine</i> , 2010, 35, 1088-1094.	1.0	75
16	Maximum Static Respiratory Pressures in Healthy Elderly Men and Women: Issues of Reproducibility and Interpretation. <i>Respiration</i> , 1999, 66, 251-258.	1.2	73
17	Randomised controlled trial of adjunctive inspiratory muscle training for patients with COPD. <i>Thorax</i> , 2018, 73, 942-950.	2.7	71
18	Inspiratory muscle fatigue in swimmers after a single 200 m swim. <i>Journal of Sports Sciences</i> , 2003, 21, 659-664.	1.0	69

#	ARTICLE	IF	CITATIONS
19	Assessment of Maximum Inspiratory Pressure. <i>Respiration</i> , 2001, 68, 22-27.	1.2	68
20	Inspiratory muscle training protocol for patients with chronic obstructive pulmonary disease (IMTCO study): a multicentre randomised controlled trial. <i>BMJ Open</i> , 2013, 3, e003101.	0.8	67
21	Inspiratory Muscle Training Affects Proprioceptive Use and Low Back Pain. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 12-19.	0.2	63
22	Specific respiratory warm-up improves rowing performance and exertional dyspnea. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1189-1193.	0.2	60
23	Inspiratory muscle training in pulmonary rehabilitation program in COPD patients. <i>Respiratory Medicine</i> , 2007, 101, 1500-1505.	1.3	60
24	The assessment of inspiratory muscle fatigue in healthy individuals: A systematic review. <i>Respiratory Medicine</i> , 2013, 107, 331-346.	1.3	60
25	Dyspnoea in Health and Obstructive Pulmonary Disease. <i>Sports Medicine</i> , 2004, 34, 117-132.	3.1	57
26	Diaphragm and intercostal surface EMG and muscle performance after acute inspiratory muscle loading. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 213-219.	0.7	57
27	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, 1126-1131.	3.1	56
28	Inspiratory Muscle Fatigue Following Running to Volitional Fatigue: The Influence of Baseline Strength. <i>International Journal of Sports Medicine</i> , 1997, 18, 169-173.	0.8	51
29	Inter-test reliability for non-invasive measures of respiratory muscle function in healthy humans. <i>European Journal of Applied Physiology</i> , 2004, 91, 167-176.	1.2	50
30	Measurement validity of an electronic inspiratory loading device during a loaded breathing task in patients with COPD. <i>Respiratory Medicine</i> , 2013, 107, 633-635.	1.3	49
31	The effect of inspiratory muscle training upon maximum lactate steady-state and blood lactate concentration. <i>European Journal of Applied Physiology</i> , 2005, 94, 277-284.	1.2	48
32	Greater diaphragm fatigability in individuals with recurrent low back pain. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 119-123.	0.7	48
33	Impaired Postural Control Reduces Sit-to-Stand-to-Sit Performance in Individuals with Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e88247.	1.1	45
34	Effect of Inspiratory Muscle Training on Exercise Tolerance in Asthmatic Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2031-2038.	0.2	44
35	The Influence of Prior Activity Upon Inspiratory Muscle Strength in Rowers and Non-Rowers. <i>International Journal of Sports Medicine</i> , 1999, 20, 542-547.	0.8	43
36	Changes in respiratory muscle and lung function following marathon running in man. <i>Journal of Sports Sciences</i> , 2008, 26, 1295-1301.	1.0	42

#	ARTICLE	IF	CITATIONS
37	Respiratory muscle training in chronic obstructive pulmonary disease: inspiratory, expiratory, or both?. <i>Current Opinion in Pulmonary Medicine</i> , 2005, 11, 140-144.	1.2	39
38	Inspiratory muscle training improves breathing pattern during exercise in COPD patients. <i>European Respiratory Journal</i> , 2016, 47, 1261-1264.	3.1	37
39	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.	0.7	36
40	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.	1.2	35
41	Functional Inspiratory and Core Muscle Training Enhances Running Performance and Economy. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2942-2951.	1.0	35
42	Acute Cardiorespiratory Responses to Inspiratory Pressure Threshold Loading. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1696-1703.	0.2	32
43	Influence of acute inspiratory loading upon diaphragm motor-evoked potentials in healthy humans. <i>Journal of Applied Physiology</i> , 2007, 102, 1883-1890.	1.2	29
44	Respiratory-Related Limitations in Physically Demanding Occupations. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 424-430.	0.6	28
45	Estimation of arterial PCO ₂ in the elderly. <i>Journal of Applied Physiology</i> , 1995, 79, 2086-2093.	1.2	27
46	Mid-expiratory flow versus FEV ₁ measurements in the diagnosis of exercise induced asthma in elite athletes. <i>Thorax</i> , 2006, 61, 111-114.	2.7	27
47	Ventilatory sensitivity to carbon dioxide: the influence of exercise and athleticism. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 685-691.	0.2	27
48	A Comparison of the Ventilatory Responses to Exercise of Elderly and Younger Humans. <i>Journal of Gerontology</i> , 1992, 47, B137-B141.	2.0	26
49	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, 270-280.	0.7	26
50	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, 1169-1174.	1.0	26
51	Respiratory Muscle Training as an Ergogenic Aid. <i>Journal of Exercise Science and Fitness</i> , 2009, 7, S18-S27.	0.8	25
52	CrossTalk opposing view: Respiratory muscle training does improve exercise tolerance. <i>Journal of Physiology</i> , 2012, 590, 3397-3398.	1.3	25
53	Inspiratory muscle training: a simple cost-effective treatment for inspiratory stridor. <i>British Journal of Sports Medicine</i> , 2007, 41, 694-695.	3.1	23
54	Comparison of balance changes after inspiratory muscle or Otago exercise training. <i>PLoS ONE</i> , 2020, 15, e0227379.	1.1	23

#	ARTICLE	IF	CITATIONS
55	The role of inspiratory muscle function and training in the genesis of dyspnoea in asthma and COPD. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2005, 14, 186-194.	2.5	21
56	The Relationship between Military Combat and Cardiovascular Risk: A Systematic Review and Meta-Analysis. International Journal of Vascular Medicine, 2019, 2019, 1-14.	0.4	20
57	Assessment of spinal curvature. International Journal of Rehabilitation Research, 1996, 19, 271-278.	0.7	17
58	Postural Strategy and Back Muscle Oxygenation during Inspiratory Muscle Loading. Medicine and Science in Sports and Exercise, 2013, 45, 1355-1362.	0.2	15
59	Influence of environmental temperature on exercise-induced inspiratory muscle fatigue. European Journal of Applied Physiology, 2004, 91, 656-663.	1.2	14
60	The effect of a sit-stand workstation intervention on daily sitting, standing and physical activity: protocol for a 12-month workplace randomised control trial. BMC Public Health, 2015, 15, 152.	1.2	12
61	Ventilatory responses to exercise and carbon dioxide in elderly and younger humans. European Journal of Applied Physiology and Occupational Physiology, 1993, 66, 332-337.	1.2	10
62	Do fire-fighters develop specific ventilatory responses in order to cope with exercise whilst wearing self-contained breathing apparatus?. European Journal of Applied Physiology and Occupational Physiology, 1999, 80, 107-112.	1.2	10
63	Maximal voluntary hyperpnoea increases blood lactate concentration during exercise. European Journal of Applied Physiology, 2006, 96, 600-608.	1.2	8
64	Inspiratory muscle training as a tool for the management of patients with COPD. European Respiratory Journal, 2004, 24, 510-511.	3.1	7
65	Acute effects of inspiratory pressure threshold loading upon airway resistance in people with asthma. Respiratory Physiology and Neurobiology, 2009, 166, 159-163.	0.7	7
66	The influence of rowing-related postures upon respiratory muscle pressure and flow generating capacity. European Journal of Applied Physiology, 2012, 112, 4143-4150.	1.2	7
67	Implementing respiratory muscle training. , 2013, , 149-173.		7
68	Implementation of sit-stand desks as a workplace health initiative: stakeholder views. International Journal of Workplace Health Management, 2019, 12, 369-386.	0.8	6
69	The ventilatory response to moderate hypocapnic exercise in human beings. Respiration Physiology, 1996, 103, 147-156.	2.8	5
70	Methods of respiratory muscle training. , 2013, , 135-147.		5
71	Inspiratory muscle training and testing: Rationale, development and feasibility. Equine Veterinary Journal, 2020, 52, 620-626.	0.9	5
72	Inspiratory muscle training for the treatment of dynamic upper airway collapse in racehorses: A preliminary investigation. Veterinary Journal, 2021, 275, 105708.	0.6	5

#	ARTICLE	IF	CITATIONS
73	Respiratory and locomotor muscle blood volume and oxygenation kinetics during intense intermittent exercise. <i>European Journal of Sport Science</i> , 2012, 12, 321-330.	1.4	4
74	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> , 2022, 30, 421-433.	0.5	4
75	Training the equine respiratory muscles: Ultrasonographic measurement of muscle size. <i>Equine Veterinary Journal</i> , 2023, 55, 295-305.	0.9	3
76	Training the equine respiratory muscles: Inspiratory muscle strength. <i>Equine Veterinary Journal</i> , 2023, 55, 306-314.	0.9	3
77	Development of an automated pressure-threshold loading device for evaluation of inspiratory muscle performance. <i>Sports Engineering</i> , 2001, 4, 87-94.	0.5	2
78	Exercise physiology and training principles. , 2013, , 37-55.		2
79	British Thoracic Society guideline on pulmonary rehabilitation in adults: does objectivity have a sliding scale?. <i>Thorax</i> , 2014, 69, 387-388.	2.7	2
80	LETTERS TO THE EDITOR. <i>Respiratory Medicine</i> , 2002, 96, 129-132.	1.3	1
81	Functional benefits of respiratory muscle training. , 2013, , 97-131.		1
82	Effects of slow and deep breathing on reducing obstetric intervention in women with pregnancy-induced hypertension: a feasibility study protocol. <i>Hypertension in Pregnancy</i> , 2021, 40, 81-87.	0.5	1
83	EFFECT OF 6 WEEKS INSPIRATORY MUSCLE TRAINING ON INSPIRATORY MUSCLE LACTATE KINETICS. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, S95.	0.2	1
84	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.	0.2	1
85	In favour of respiratory muscle training. <i>Chronic Respiratory Disease</i> , 2005, 2, 219-221.	1.0	0
86	Medical conditions and training. , 2006, , 191-228.		0
87	Lung disease and dysfunction. , 2008, , 97-118.		0
88	Rebuttal from Alison K. McConnell. <i>Journal of Physiology</i> , 2012, 590, 3401-3401.	1.3	0
89	The respiratory muscles. , 2013, , 57-96.		0
90	Functional training of the respiratory muscles. , 2013, , 175-223.		0

#	ARTICLE	IF	CITATIONS
91	To the Editor. Journal of Strength and Conditioning Research, 2013, 27, E1.	1.0	0
92	Extending the limits of human performance. BMC Meeting Abstracts, 2000, 1, .	0.0	0
93	Inspiratory Mouth Pressures And Motor Evoked Potentials Following Non-fatiguing Inspiratory Loading. Medicine and Science in Sports and Exercise, 2005, 37, S333.	0.2	0
94	Impact Of The International Olympic Committee ??? Medical Commision Change In Asthma Diagnosis ??? A British Perspective. Medicine and Science in Sports and Exercise, 2005, 37, S229.	0.2	0
95	Differentiating the Influence of Inspiratory and Expiratory Muscle Training upon Rowing Performance in Club-Level Oarsmen. Medicine and Science in Sports and Exercise, 2006, 38, S384-S385.	0.2	0
96	Athletes, Exercise Induced Asthma and Optimal Medication. Medicine and Science in Sports and Exercise, 2006, 38, S101.	0.2	0