

Myra A Nimmo

List of Publications by Year in descending order

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87
papers

5,581
citations

109137

35
h-index

79541

73
g-index

89
all docs

89
docs citations

89
times ranked

8431
citing authors

#	ARTICLE	IF	CITATIONS
1	The anti-inflammatory effects of exercise: mechanisms and implications for the prevention and treatment of disease. <i>Nature Reviews Immunology</i> , 2011, 11, 607-615.	10.6	1,558
2	Variations in Regional Sweat Composition in Normal Human Males. <i>Experimental Physiology</i> , 2000, 85, 869-875.	0.9	340
3	Associations of objectively measured sedentary behaviour and physical activity with markers of cardiometabolic health. <i>Diabetologia</i> , 2013, 56, 1012-1020.	2.9	268
4	Contractile muscle volume and agonist-antagonist coactivation account for differences in torque between young and older women. <i>Muscle and Nerve</i> , 2002, 25, 858-863.	1.0	262
5	The effect of physical activity on mediators of inflammation. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 51-60.	2.2	199
6	Acute effects of dehydration on sweat composition in men during prolonged exercise in the heat. <i>Acta Physiologica Scandinavica</i> , 2004, 182, 37-43.	2.3	160
7	Muscle function in elite master weightlifters. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1199-1206.	0.2	149
8	Alterations in blood, sweat, urine and muscle composition during prolonged exercise in the horse. <i>Veterinary Record</i> , 1982, 110, 377-384.	0.2	147
9	The effect of a pedometer-based community walking intervention "Walking for Wellbeing in the West" on physical activity levels and health outcomes: a 12-week randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008, 5, 44.	2.0	122
10	The influence of variations in muscle fibre composition on muscle strength and cross-sectional area in untrained males. <i>Journal of Physiology</i> , 1984, 351, 299-311.	1.3	114
11	Skeletal muscle ATP turnover and muscle fiber conduction velocity are elevated at higher muscle temperatures during maximal power output development in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R376-R382.	0.9	104
12	Determination of inflammatory and prominent proteomic changes in plasma and adipose tissue after high-intensity intermittent training in overweight and obese males. <i>Journal of Applied Physiology</i> , 2012, 112, 1353-1360.	1.2	88
13	The response of interleukin-6 and soluble interleukin-6 receptor isoforms following intermittent high intensity and continuous moderate intensity cycling. <i>Cell Stress and Chaperones</i> , 2010, 15, 827-833.	1.2	83
14	Effect of induced metabolic alkalosis on sweat composition in men. <i>Acta Physiologica Scandinavica</i> , 2002, 174, 41-46.	2.3	72
15	Effects of central sympathetic inhibition on heart rate variability during steady-state exercise in healthy humans. <i>Clinical Physiology and Functional Imaging</i> , 2002, 22, 32-38.	0.5	66
16	Temperature dependence of soleus H-reflex and M wave in young and older women. <i>European Journal of Applied Physiology</i> , 2005, 94, 491-499.	1.2	66
17	Effects of active, passive or no warm-up on metabolism and performance during high-intensity exercise. <i>Journal of Sports Sciences</i> , 2001, 19, 693-700.	1.0	63
18	Subclinical diastolic dysfunction in young adults with Type 2 diabetes mellitus: a multiparametric contrast-enhanced cardiovascular magnetic resonance pilot study assessing potential mechanisms. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1263-1269.	0.5	58

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19	Does physical activity counselling enhance the effects of a pedometer-based intervention over the long-term: 12-month findings from the Walking for Wellbeing in the west study. BMC Public Health, 2012, 12, 206.	1.2	56
20	A Randomised Controlled Trial to Reduce Sedentary Time in Young Adults at Risk of Type 2 Diabetes Mellitus: Project STAND (Sedentary Time ANd Diabetes). PLoS ONE, 2015, 10, e0143398.	1.1	56
21	Circulating hormone and cytokine response to low-load resistance training with blood flow restriction in older men. European Journal of Applied Physiology, 2013, 113, 713-719.	1.2	55
22	Effects of menstrual cycle phase and oral contraceptive use on intermittent exercise. European Journal of Applied Physiology, 1998, 78, 565-572.	1.2	51
23	The influence of adiposity and acute exercise on circulating hepatokines in normal-weight and overweight/obese men. Applied Physiology, Nutrition and Metabolism, 2018, 43, 482-490.	0.9	49
24	The effect of a 12-week walking intervention on markers of insulin resistance and systemic inflammation. Preventive Medicine, 2009, 48, 39-44.	1.6	45
25	Electromyogram changes during sustained contraction after resistance training in women in their 3rd and 8th decades. European Journal of Applied Physiology, 2000, 82, 418-424.	1.2	43
26	Highly manufacturable graphene oxide biosensor for sensitive Interleukin-6 detection. RSC Advances, 2015, 5, 39245-39251.	1.7	43
27	Intermittent running: muscle metabolism in the heat and effect of hypohydration. Medicine and Science in Sports and Exercise, 1999, 31, 675-683.	0.2	40
28	Exercise in the cold. Journal of Sports Sciences, 2004, 22, 898-916.	1.0	39
29	Rationale and study design for a randomised controlled trial to reduce sedentary time in adults at risk of type 2 diabetes mellitus: project stand (Sedentary Time ANd diabetes). BMC Public Health, 2011, 11, 908.	1.2	39
30	The reproducibility of closed-pouch sweat collection and thermoregulatory responses to exercise?heat stress. European Journal of Applied Physiology, 2004, 91, 748-751.	1.2	38
31	Plasma IL-6, its soluble receptors and F2-isoprostanes at rest and during exercise in chronic fatigue syndrome. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 282-290.	1.3	38
32	Acute molecular responses to concurrent resistance and high-intensity interval exercise in untrained skeletal muscle. Physiological Reports, 2015, 3, e12364.	0.7	38
33	Human resting extracellular heat shock protein 72 concentration decreases during the initial adaptation to exercise in a hot, humid environment. Cell Stress and Chaperones, 2006, 11, 129.	1.2	38
34	Spontaneous activity responses to exercise in males and females. European Journal of Clinical Nutrition, 2006, 60, 1055-1061.	1.3	37
35	Exercise and ghrelin. A narrative overview of research. Appetite, 2013, 68, 83-91.	1.8	37
36	The 'Walking for Wellbeing in the West' randomised controlled trial of a pedometer-based walking programme in combination with physical activity consultation with 12 month follow-up: rationale and study design. BMC Public Health, 2008, 8, 259.	1.2	36

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37	Response of plasma IL-6 and its soluble receptors during submaximal exercise to fatigue in sedentary middle-aged men. <i>Cell Stress and Chaperones</i> , 2008, 13, 247-251.	1.2	34
38	Effects of reduced ambient temperature on fat utilization during submaximal exercise. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 774-779.	0.2	33
39	Effect of active warm-up on metabolism prior to and during intense dynamic exercise. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 2091-2096.	0.2	33
40	Novel Biosensor for InterLeukin-6 Detection. <i>Procedia Engineering</i> , 2013, 60, 195-200.	1.2	32
41	Variations in regional sweat composition in normal human males. <i>Experimental Physiology</i> , 2000, 85, 869-875.	0.9	31
42	The impact of high-intensity intermittent exercise on resting metabolic rate in healthy males. <i>European Journal of Applied Physiology</i> , 2013, 113, 3039-3047.	1.2	31
43	The extended growth of graphene oxide flakes using ethanol CVD. <i>Nanoscale</i> , 2013, 5, 2945.	2.8	31
44	The detection and measurement of interleukin-6 in venous and capillary blood samples, and in sweat collected at rest and during exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 1207-1216.	1.2	30
45	Type 2 diabetes mellitus and obesity in young adults: the extreme phenotype with early cardiovascular dysfunction. <i>Diabetic Medicine</i> , 2014, 31, 794-798.	1.2	30
46	Associations of Sedentary Time with Fat Distribution in a High-Risk Population. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1727-1734.	0.2	30
47	Fatigue and illness in athletes. <i>Journal of Sports Sciences</i> , 2007, 25, S93-S102.	1.0	29
48	Human physiological and heat shock protein 72 adaptations during the initial phase of humid-heat acclimation. <i>Journal of Thermal Biology</i> , 2007, 32, 341-348.	1.1	28
49	Effect of Moderate-intensity Exercise Session on Preprandial and Postprandial Responses of Circulating Ghrelin and Appetite. <i>Hormone and Metabolic Research</i> , 2008, 40, 410-415.	0.7	28
50	Cross-sectional surveillance study to phenotype lorry drivers' sedentary behaviours, physical activity and cardio-metabolic health. <i>BMJ Open</i> , 2017, 7, e013162.	0.8	27
51	The response of circulating levels of the interleukin-6/interleukin-6 receptor complex to exercise in young men. <i>Cytokine</i> , 2009, 47, 98-102.	1.4	26
52	Prevalence of diabetes and impaired glucose metabolism in younger 'at risk' adults: insights from the STAND programme of research. <i>Diabetic Medicine</i> , 2013, 30, 671-675.	1.2	26
53	Appetite-regulatory hormone responses on the day following a prolonged bout of moderate-intensity exercise. <i>Physiology and Behavior</i> , 2015, 141, 23-31.	1.0	25
54	Tapering strategies in elite British endurance runners. <i>European Journal of Sport Science</i> , 2015, 15, 367-373.	1.4	25

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55	The inheritance of skeletal muscle fibre composition in mice. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 81, 109-115.	0.7	24
56	The Impact of Prolonged Exercise in a Cold Environment upon Cardiac Function. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1522-1527.	0.2	24
57	Anaerobic Capacity: A Maximal Anaerobic Running Test Versus the Maximal Accumulated Oxygen Deficit. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1996, 21, 35-47.	1.7	22
58	Low dosage monophasic oral contraceptive use and intermittent exercise performance and metabolism in humans. <i>European Journal of Applied Physiology</i> , 2001, 84, 296-301.	1.2	21
59	Understanding the health of lorry drivers in context: A critical discourse analysis. <i>Health (United Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.9	20
60	Interleukin-6 in combination with the interleukin-6 receptor stimulates glucose uptake in resting human skeletal muscle independently of insulin action. <i>Diabetes, Obesity and Metabolism</i> , 2014, 16, 931-936.	2.2	17
61	The mechanism of graphene oxide as a growth template for complete reduced graphene oxide coverage on an SiO ₂ substrate. <i>Journal of Materials Chemistry C</i> , 2014, 2, 109-114.	2.7	16
62	Satellite cell response to concurrent resistance exercise and high-intensity interval training in sedentary, overweight/obese, middle-aged individuals. <i>European Journal of Applied Physiology</i> , 2018, 118, 225-238.	1.2	16
63	The response of plasma interleukin-6 and its soluble receptors to exercise in the cold in humans. <i>Journal of Sports Sciences</i> , 2008, 26, 927-933.	1.0	15
64	The effect of interleukin-6 and the interleukin-6 receptor on glucose transport in mouse skeletal muscle. <i>Experimental Physiology</i> , 2009, 94, 899-905.	0.9	15
65	Effects of sprint interval training on ectopic lipids and tissue-specific insulin sensitivity in men with non-alcoholic fatty liver disease. <i>European Journal of Applied Physiology</i> , 2018, 118, 817-828.	1.2	15
66	The Impact of a Novel Structured Health Intervention for Truckers (SHIFT) on Physical Activity and Cardiometabolic Risk Factors. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 368-376.	0.9	14
67	During exercise in the cold increased availability of plasma nonesterified fatty acids does not affect the pattern of substrate oxidation. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 203-208.	1.5	13
68	A Structured Health Intervention for Truckers (SHIFT). <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 377-385.	0.9	13
69	The relationship between muscle myosin ATP-ase activity and isometric endurance in untrained male subjects. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1985, 54, 291-296.	1.2	11
70	Nutrition for throwers, jumpers, and combined events athletes. <i>Journal of Sports Sciences</i> , 2007, 25, S39-S47.	1.0	10
71	An evaluation of low volume high-intensity intermittent training (HIIT) for health risk reduction in overweight and obese men. <i>BMC Obesity</i> , 2017, 4, 17.	3.1	10
72	Reducing sedentary time in adults at risk of type 2 diabetes: process evaluation of the STAND (Sedentary Time ANd Diabetes) RCT. <i>BMC Public Health</i> , 2017, 17, 80.	1.2	9

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73	Skeletal muscle fibre composition in New Zealand white rabbits, wild rabbits and wild rabbits bred in captivity: Effect of heredity. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1983, 74, 955-959.	0.7	8
74	Consideration of Spatial Orientation Mechanisms as Related to Elderly Fallers. <i>Gerontology</i> , 1989, 35, 323-331.	1.4	7
75	The Effect of Aging on the Lactate Threshold in Untrained Men. <i>Journal of Aging and Physical Activity</i> , 1997, 5, 39-49.	0.5	7
76	Fat oxidation after acipimox-induced reduction in plasma nonesterified fatty acids during exercise at 0°C and 20°C. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 1131-1135.	1.5	7
77	Effects of moderate dietary manipulation on intermittent exercise performance and metabolism in women. <i>European Journal of Applied Physiology</i> , 2000, 81, 197-202.	1.2	6
78	Assessment of aerobic endurance: a comparison between CD-ROM and laboratory-based instruction. <i>British Journal of Educational Technology</i> , 2002, 33, 159-172.	3.9	4
79	Heart rate monitoring and exercise. <i>Physiotherapy Practice</i> , 1987, 3, 103-106.	0.3	3
80	Complete coverage of reduced graphene oxide on silicon dioxide substrates. <i>Chinese Physics B</i> , 2014, 23, 088104.	0.7	3
81	Effects of an increase in intensity during tapering on 1500-m running performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 783-790.	0.9	2
82	INFLUENCE OF VARIATIONS IN MUSCLE FIBRE COMPOSITION ON THE RATIO OF STRENGTH TO CROSS-SECTIONAL AREA OF m. QUADRICEPS FEMORIS IN MAN. <i>Medicine and Science in Sports and Exercise</i> , 1983, 15, 178.	0.2	1
83	Lower volume throughout the taper and higher intensity in the last interval session prior to a 1,500 m time trial improves performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1345-1353.	0.9	1
84	Lactate Threshold in 50- to 55-Year-Old Men. <i>Journal of Aging and Physical Activity</i> , 1996, 4, 286-296.	0.5	0
85	Effects of sympathetic inhibition on exertional dyspnoea, ventilatory and metabolic responses to exercise in normotensive humans. <i>Clinical Science</i> , 2000, 99, 223.	1.8	0
86	Growth of Reduced Graphene Oxide. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1702, 1.	0.1	0
87	Satellite Cell Reponse to Concurrent Resistance Exercise and High Intensity Interval Training in Overweight/Obese Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 453-454.	0.2	0