

Mary E Nevill

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

4,188
citations

126907

33
h-index

118850

62
g-index

92
all docs

92
docs citations

92
times ranked

3776
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of phosphocreatine and aerobic metabolism to energy supply during repeated sprint exercise. <i>Journal of Applied Physiology</i> , 1996, 80, 876-884.	2.5	498
2	Recovery of power output and muscle metabolites following 30 s of maximal sprint cycling in man.. <i>Journal of Physiology</i> , 1995, 482, 467-480.	2.9	294
3	Mental health and movement behaviour during the COVID-19 pandemic in UK university students: Prospective cohort study. <i>Mental Health and Physical Activity</i> , 2020, 19, 100357.	1.8	221
4	Correlates of Participation in Physical Activity for Adolescent Girls: A Systematic Review of Recent Literature. <i>Journal of Physical Activity and Health</i> , 2005, 2, 423-434.	2.0	201
5	Power output and muscle metabolism during and following recovery from 10 and 20â€šs of maximal sprint exercise in humans. <i>Acta Physiologica Scandinavica</i> , 1998, 163, 261-272.	2.2	190
6	Effect of training on muscle metabolism during treadmill sprinting. <i>Journal of Applied Physiology</i> , 1989, 67, 2376-2382.	2.5	168
7	The metabolic responses of human type I and II muscle fibres during maximal treadmill sprinting.. <i>Journal of Physiology</i> , 1994, 478, 149-155.	2.9	126
8	Effects of active recovery on power output during repeated maximal sprint cycling. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 74, 461-469.	1.2	115
9	Modelling the relationship between isokinetic muscle strength and sprint running performance. <i>Journal of Sports Sciences</i> , 1998, 16, 257-265.	2.0	106
10	A heat acclimation protocol for team sports. <i>British Journal of Sports Medicine</i> , 2008, 42, 327-333.	6.7	100
11	Breakfast consumption and cognitive function in adolescent schoolchildren. <i>Physiology and Behavior</i> , 2011, 103, 431-439.	2.1	95
12	Effect of a school-based intervention to promote healthy lifestyles in 7â€š11 year old children. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2009, 6, 5.	4.6	88
13	Physiological responses to maximal intermittent exercise: Differences between enduranceâ€štrained runners and games players. <i>Journal of Sports Sciences</i> , 1991, 9, 371-382.	2.0	87
14	Effect of menstrual cycle phase on sprinting performance. <i>European Journal of Applied Physiology</i> , 2010, 109, 659-667.	2.5	72
15	Breakfast glycaemic index and cognitive function in adolescent school children. <i>British Journal of Nutrition</i> , 2012, 107, 1823-1832.	2.3	69
16	The effects of oral creatine supplementation on performance in single and repeated sprint swimming. <i>Journal of Sports Sciences</i> , 1998, 16, 271-279.	2.0	68
17	The hormonal responses to repetitive brief maximal exercise in humans. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990, 60, 144-148.	1.2	63
18	Repeated bouts of sprint running after induced alkalosis. <i>Journal of Sports Sciences</i> , 1991, 9, 355-370.	2.0	62

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19	Sprint-based exercise and cognitive function in adolescents. <i>Preventive Medicine Reports</i> , 2016, 4, 155-161.	1.8	61
20	Growth hormone responses to treadmill sprinting in sprint- and endurance-trained athletes. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 72-72, 460-467.	1.2	56
21	High-intensity intermittent running and field hockey skill performance in the heat. <i>Journal of Sports Sciences</i> , 2005, 23, 531-540.	2.0	48
22	Influence of Ingesting versus Mouth Rinsing a Carbohydrate Solution during a 1-h Run. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 468-475.	0.4	48
23	Muscle Metabolism, Temperature, and Function During Prolonged, Intermittent, High-Intensity Running in Air Temperatures of 33 Å° and 17 Å°C. <i>International Journal of Sports Medicine</i> , 2005, 26, 805-814.	1.7	47
24	High intensity intermittent games-based activity and adolescents' cognition: moderating effect of physical fitness. <i>BMC Public Health</i> , 2018, 18, 603.	2.9	46
25	Human growth hormone responses to repeated bouts of sprint exercise with different recovery periods between bouts. <i>Journal of Applied Physiology</i> , 2005, 99, 1254-1261.	2.5	45
26	Accumulated oxygen deficit and short-distance running performance. <i>Journal of Sports Sciences</i> , 1994, 12, 447-453.	2.0	44
27	Effects of previous dynamic arm exercise on power output during repeated maximal sprint cycling. <i>Journal of Sports Sciences</i> , 1994, 12, 363-370.	2.0	43
28	Effect of the menstrual cycle on performance of intermittent, high-intensity shuttle running in a hot environment. <i>European Journal of Applied Physiology</i> , 2003, 88, 345-352.	2.5	42
29	Longitudinal development of match-running performance in elite male youth soccer players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 933-942.	2.9	42
30	Absorption of creatine supplied as a drink, in meat or in solid form. <i>Journal of Sports Sciences</i> , 2002, 20, 147-151.	2.0	41
31	Growth hormone responses to repeated maximal cycle ergometer exercise at different pedaling rates. <i>Journal of Applied Physiology</i> , 2002, 92, 602-608.	2.5	38
32	Motion analysis of U11 to U16 elite English Premier League Academy players. <i>Journal of Sports Sciences</i> , 2015, 33, 1248-1258.	2.0	38
33	Effect of a hot environment on performance of prolonged, intermittent, high-intensity shuttle running. <i>Journal of Sports Sciences</i> , 1998, 16, 677-686.	2.0	37
34	Physiological and metabolic responses of female games and endurance athletes to prolonged, intermittent, high-intensity running at 30 Å° and 16 Å°C ambient temperatures. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 2000, 81, 84-92.	1.2	36
35	School-based interventions modestly increase physical activity and cardiorespiratory fitness but are least effective for youth who need them most: an individual participant pooled analysis of 20 controlled trials. <i>British Journal of Sports Medicine</i> , 2021, 55, 721-729.	6.7	36
36	A model for phosphocreatine resynthesis. <i>Journal of Applied Physiology</i> , 1997, 82, 329-335.	2.5	34

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37	A Field-Test Battery for Elite, Young Soccer Players. <i>International Journal of Sports Medicine</i> , 2013, 34, 302-311.	1.7	32
38	Match Analysis of U9 and U10 English Premier League Academy Soccer Players Using a Global Positioning System. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 954-963.	2.1	32
39	The time course of the human growth hormone response to a 6 s and a 30 s cycle ergometer sprint. <i>Journal of Sports Sciences</i> , 2002, 20, 487-494.	2.0	31
40	Exercise and Postprandial Plasma Triacylglycerol Concentrations in Healthy Adolescent Boys. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 116-122.	0.4	31
41	Estimating the energy contribution during single and repeated sprint swimming. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 369-376.	2.9	30
42	Influence of Biological Maturity on the Match Performance of 8- to 16-Year-Old, Elite, Male, Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3078-3084.	2.1	29
43	The effects of a mid-morning bout of exercise on adolescents' cognitive function. <i>Mental Health and Physical Activity</i> , 2012, 5, 183-190.	1.8	28
44	High-Intensity Intermittent Exercise: Effect on Young People's Cardiometabolic Health and Cognition. <i>Current Sports Medicine Reports</i> , 2016, 15, 245-251.	1.2	26
45	The influence of a 6.5% carbohydrate-electrolyte solution on performance of prolonged intermittent high-intensity running at 30°C. <i>Journal of Sports Sciences</i> , 2003, 21, 371-381.	2.0	25
46	Effect of repeated sprints on postprandial endothelial function and triacylglycerol concentrations in adolescent boys. <i>Journal of Sports Sciences</i> , 2015, 33, 806-816.	2.0	24
47	Effect of diet on performance during recovery from intermittent sprint exercise. <i>Journal of Sports Sciences</i> , 1993, 11, 119-126.	2.0	23
48	Effects of active and passive recovery on performance during repeated-sprint swimming. <i>Journal of Sports Sciences</i> , 2008, 26, 1497-1505.	2.0	23
49	Breakfast glycaemic index and exercise: Combined effects on adolescents' cognition. <i>Physiology and Behavior</i> , 2015, 139, 104-111.	2.1	23
50	Effect of football activity and physical fitness on information processing, inhibitory control and working memory in adolescents. <i>BMC Public Health</i> , 2020, 20, 1398.	2.9	23
51	Effect of 6½ weeks of sprint training on growth hormone responses to sprinting. <i>European Journal of Applied Physiology</i> , 2004, 92, 26-32.	2.5	22
52	Effects of Intermittent Games Activity on Postprandial Lipemia in Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1282-1287.	0.4	22
53	Effect of the Great Activity Programme on healthy lifestyle behaviours in 7-11 year olds. <i>Journal of Sports Sciences</i> , 2013, 31, 1280-1293.	2.0	19
54	The Reliability and Validity of a Field Hockey Skill Test. <i>International Journal of Sports Medicine</i> , 2006, 27, 395-400.	1.7	18

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55	Effect of exercise on postprandial endothelial function in adolescent boys. <i>British Journal of Nutrition</i> , 2013, 110, 301-309.	2.3	18
56	Longitudinal Physical Development of Future Professional Male Soccer Players: Implications for Talent Identification and Development?. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 578203.	1.8	18
57	The Daily Mile [®] : Acute effects on children [™] s cognitive function and factors affecting their enjoyment. <i>Psychology of Sport and Exercise</i> , 2021, 57, 102047.	2.1	18
58	Rapid recovery of power output in females. <i>Acta Physiologica Scandinavica</i> , 1998, 164, 79-87.	2.2	17
59	Accumulated oxygen deficit and shuttle run performance in physically active men and women. <i>Journal of Sports Sciences</i> , 1997, 15, 207-214.	2.0	15
60	Physical activity and body composition outcomes of the GreatFun2Run intervention at 20 month follow-up. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011, 8, 74.	4.6	15
61	The effect of playing status, maturity status, and playing position on the development of match skills in elite youth football players aged 11 [™] –18 years: A mixed [™] longitudinal study. <i>European Journal of Sport Science</i> , 2019, 19, 315-326.	2.7	15
62	Psychological characteristics of developing excellence in elite youth football players in English professional academies. <i>Journal of Sports Sciences</i> , 2020, 38, 1380-1386.	2.0	15
63	Social-Psychological and Physical Environmental Factors in Groups Differing by Levels of Physical Activity: A Study of Scottish Adolescent Girls. <i>Pediatric Exercise Science</i> , 2006, 18, 226-239.	1.0	14
64	Sex differences in adolescents [™] glycaemic and insulinaemic responses to high and low glycaemic index breakfasts: a randomised control trial. <i>British Journal of Nutrition</i> , 2017, 117, 541-547.	2.3	13
65	Cytokine, glycemic, and insulinemic responses to an acute bout of games [™] -based activity in adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 597-605.	2.9	13
66	Physical fitness, physical activity and adiposity: associations with risk factors for cardiometabolic disease and cognitive function across adolescence. <i>BMC Pediatrics</i> , 2022, 22, 75.	1.7	13
67	Reproducibility of the growth hormone response to sprint exercise. <i>Growth Hormone and IGF Research</i> , 2003, 13, 336-340.	1.1	11
68	Multi-Stage Fitness Test Performance, V [™] O ₂ Peak and Adiposity: Effect on Risk Factors for Cardio-Metabolic Disease in Adolescents. <i>Frontiers in Physiology</i> , 2019, 10, 629.	2.8	11
69	Effect of the number of preceding muscle actions on subsequent peak power output. <i>Journal of Sports Sciences</i> , 1997, 15, 201-206.	2.0	10
70	Effect of Creatine Supplementation on Training for Competition in Elite Swimmers. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2140-2147.	0.4	10
71	Effect of Differing Durations of High-Intensity Intermittent Activity on Cognitive Function in Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11594.	2.6	9
72	Reliability of a musculoskeletal profiling test battery in elite academy soccer players. <i>PLoS ONE</i> , 2020, 15, e0236341.	2.5	8

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73	Effects of active recovery on power output during repeated maximal sprint cycling. <i>European Journal of Applied Physiology</i> , 1996, 74, 461-469.	2.5	8
74	Constant external work cycle exercise ? the performance and metabolic effects of all-out and even-paced strategies. <i>European Journal of Applied Physiology</i> , 1996, 75, 22-27.	2.5	7
75	The accumulation of exercise and postprandial endothelial function in boys. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e11-9.	2.9	7
76	The mechanisms underpinning the effects of self-control exertion on subsequent physical performance: a meta-analysis. <i>International Review of Sport and Exercise Psychology</i> , 0, , 1-28.	5.7	7
77	The relative contributions of anaerobic and aerobic energy supply during track 100-, 400- and 800-m performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2008, 48, 138-42.	0.7	7
78	Effects of Oral Creatine Supplementation on Power Output during Repeated Treadmill Sprinting. <i>Nutrients</i> , 2022, 14, 1140.	4.1	7
79	Editorial. <i>Journal of Sports Sciences</i> , 2003, 21, 881-881.	2.0	6
80	Effects of inertia correction and resistive load on fatigue during repeated sprints on a friction-loaded cycle ergometer. <i>Journal of Sports Sciences</i> , 2008, 26, 1437-1445.	2.0	6
81	Effect of Exercise Duration on Postprandial Glycaemic and Insulinaemic Responses in Adolescents. <i>Nutrients</i> , 2020, 12, 754.	4.1	6
82	Activity patterns of primary school children during participation in The Daily Mile. <i>Scientific Reports</i> , 2021, 11, 7462.	3.3	5
83	Effect of acute football activity and physical fitness on glycaemic and insulinaemic responses in adolescents. <i>Journal of Sports Sciences</i> , 2021, 39, 1127-1135.	2.0	4
84	Age Is an Important Determinant of the Growth Hormone Response to Sprint Exercise in Non-Obese Young Men. <i>Hormone Research in Paediatrics</i> , 2006, 65, 57-61.	1.8	3
85	Separate and combined influence of posture and sprint running on plasma volume changes. <i>European Journal of Sport Science</i> , 2014, 14, S267-74.	2.7	2
86	Predictors of postprandial glycaemia, insulinaemia and insulin resistance in adolescents. <i>British Journal of Nutrition</i> , 2021, 125, 1101-1110.	2.3	2
87	Editorial. <i>Journal of Sports Sciences</i> , 2002, 20, 949-949.	2.0	1
88	Motion analysis of U11 to U16 elite English Premier League Academy Players. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2015, 64, 111-111.	0.0	0
89	EFFECTS OF ENDURANCE TRAINING ON POWER OUTPUT RECOVERY AND BLOOD METABOLIC RESPONSES DURING REPEATED SPRINTS*. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, S94.	0.4	0
90	Growth hormone responses to repeated bouts of aerobic exercise with different recovery intervals. <i>Journal of Applied Physiology</i> , 2006, 100, 1093-1094.	2.5	0

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91	A Bout of Repeated Short Sprints Reduces Postprandial Triacylglycerol Concentrations in Young Men. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S483.	0.4	0