

Keith Tolfrey

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,328
citations

236925

25
h-index

233421

45
g-index

84
all docs

84
docs citations

84
times ranked

2723
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking Up Prolonged Sitting With Standing or Walking Attenuates the Postprandial Metabolic Response in Postmenopausal Women: A Randomized Acute Study. <i>Diabetes Care</i> , 2016, 39, 130-138.	8.6	229
2	Oxygen uptake kinetics during moderate, heavy and severe intensity 'submaximal' exercise in humans: the influence of muscle fibre type and capillarisation. <i>European Journal of Applied Physiology</i> , 2003, 89, 289-300.	2.5	168
3	Energy expenditure during common sitting and standing tasks: examining the 1.5 MET definition of sedentary behaviour. <i>BMC Public Health</i> , 2015, 15, 516.	2.9	147
4	The effect of a complex training and detraining programme on selected strength and power variables in early pubertal boys. <i>Journal of Sports Sciences</i> , 2006, 24, 987-997.	2.0	118
5	The Effect of Aerobic Exercise Training on the Lipid-Lipoprotein Profile of Children and Adolescents. <i>Sports Medicine</i> , 2000, 29, 99-112.	6.5	106
6	Influence of Continuous and Interval Training on Oxygen Uptake On-Kinetics. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 504-512.	0.4	88
7	Atrophy of non-locomotor muscle in patients with end-stage renal failure. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 2074-2081.	0.7	80
8	Effect of pedal rate on primary and slow-component oxygen uptake responses during heavy-cycle exercise. <i>Journal of Applied Physiology</i> , 2003, 94, 1501-1507.	2.5	76
9	BASES Position Statement on Guidelines for Resistance Exercise in Young People. <i>Journal of Sports Sciences</i> , 2004, 22, 383-390.	2.0	71
10	Gastrocnemius muscle specific force in boys and men. <i>Journal of Applied Physiology</i> , 2008, 104, 469-474.	2.5	68
11	Regulating Intensity Using Perceived Exertion in Spinal Cord-Injured Participants. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 608-613.	0.4	64
12	Scaling of maximal oxygen uptake by lower leg muscle volume in boys and men. <i>Journal of Applied Physiology</i> , 2006, 100, 1851-1856.	2.5	58
13	The effectiveness of hand cooling at reducing exercise-induced hyperthermia and improving distance-race performance in wheelchair and able-bodied athletes. <i>Journal of Applied Physiology</i> , 2008, 105, 37-43.	2.5	56
14	Exercise training induced alterations in prepubertal children's lipid-lipoprotein profile. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 1684-1692.	0.4	52
15	Wheelchair Tennis Match-Play Demands: Effect of Player Rank and Result. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 28-37.	2.3	44
16	The verification phase and reliability of physiological parameters in peak testing of elite wheelchair athletes. <i>European Journal of Applied Physiology</i> , 2013, 113, 337-345.	2.5	39
17	Do 9- to 12 yr-old children meet existing physical activity recommendations for health?. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 591-596.	0.4	38
18	Fluid Intake During Wheelchair Exercise in the Heat: Effects of Localized Cooling Garments. <i>International Journal of Sports Physiology and Performance</i> , 2008, 3, 145-156.	2.3	33

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19	Acute High-Intensity Interval Running Reduces Postprandial Lipemia in Boys. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1277-1284.	0.4	33
20	Aerobic Trainability of Prepubertal Boys and Girls. <i>Pediatric Exercise Science</i> , 1998, 10, 248-263.	1.0	32
21	ROC Generated Thresholds for Field-Assessed Aerobic Fitness Related to Body Size and Cardiometabolic Risk in Schoolchildren. <i>PLoS ONE</i> , 2012, 7, e45755.	2.5	32
22	The multi-stage fitness test as a predictor of endurance fitness in wheelchair athletes. <i>Journal of Sports Sciences</i> , 2008, 26, 511-517.	2.0	31
23	Scaling Behavior of $\dot{V}O_{2peak}$ in Trained Wheelchair Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 2106-2111.	0.4	30
24	Postprandial Triacylglycerol in Adolescent Boys. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1049-1056.	0.4	27
25	Criterion validity and accuracy of global positioning satellite and data logging devices for wheelchair tennis court movement. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 383-393.	1.4	27
26	Lipid-Lipoproteins in Children: An Exercise Dose-Response Study. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 418-427.	0.4	26
27	Physiological Correlates with Endurance Running Performance in Trained Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 480-487.	0.4	25
28	Activity analysis of English premiership rugby football union refereeing. <i>Ergonomics</i> , 2001, 44, 1069-1075.	2.1	22
29	Effects of Wheel and Hand-Rim Size on Submaximal Propulsion in Wheelchair Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 126-134.	0.4	21
30	Effect of energy expenditure on postprandial triacylglycerol in adolescent boys. <i>European Journal of Applied Physiology</i> , 2012, 112, 23-31.	2.5	21
31	Exercise intensity and postprandial health outcomes in adolescents. <i>European Journal of Applied Physiology</i> , 2015, 115, 927-936.	2.5	21
32	Oxygen uptake-heart rate relationship in elite wheelchair racers. <i>European Journal of Applied Physiology</i> , 2001, 86, 174-178.	2.5	20
33	Prediction of peak oxygen uptake from differentiated ratings of perceived exertion during wheelchair propulsion in trained wheelchair sportspersons. <i>European Journal of Applied Physiology</i> , 2014, 114, 1251-1258.	2.5	19
34	Stand Out in Class: restructuring the classroom environment to reduce sitting time – findings from a pilot cluster randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 55.	4.6	19
35	Group- and individual-level coincidence of the $\dot{V}\dot{O}_{2max}$ and lactate accumulation in adolescents. <i>European Journal of Applied Physiology</i> , 2010, 109, 1145-1153.	2.5	18
36	Breakfast, glycaemic index and health in young people. <i>Journal of Sport and Health Science</i> , 2012, 1, 149-159.	6.5	18

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37	Effect of exercise on postprandial endothelial function in adolescent boys. <i>British Journal of Nutrition</i> , 2013, 110, 301-309.	2.3	18
38	Physiological correlates of 2-mile run performance as determined using a novel on-demand treadmill. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 763-772.	1.9	17
39	Comparison of fat oxidation over a range of intensities during treadmill and cycling exercise in children. <i>European Journal of Applied Physiology</i> , 2012, 112, 163-171.	2.5	17
40	Intra-individual variation of plasma lipids and lipoproteins in prepubescent children. <i>European Journal of Applied Physiology</i> , 1999, 79, 449-456.	2.5	15
41	Acute Exercise and Postprandial Lipemia in Young People. <i>Pediatric Exercise Science</i> , 2014, 26, 127-137.	1.0	15
42	Maximal lactate steady state in trained adolescent runners. <i>Journal of Sports Sciences</i> , 2004, 22, 215-225.	2.0	13
43	Acute Effect of Fatmax Exercise on the Metabolism in Overweight and Nonoverweight Girls. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1698-1705.	0.4	13
44	High-Intensity Running and Energy Restriction Reduce Postprandial Lipemia in Girls. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 402-411.	0.4	13
45	Effect of breakfast omission and consumption on energy intake and physical activity in adolescent girls: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2017, 118, 392-400.	2.3	13
46	The impact of aerobic training upon left ventricular morphology and function in pre-pubescent children. <i>Ergonomics</i> , 2005, 48, 1378-1389.	2.1	12
47	Exercise Protocols to Estimate Fatmax and Maximal Fat Oxidation in Children. <i>Pediatric Exercise Science</i> , 2011, 23, 122-135.	1.0	12
48	Data logger device applicability for wheelchair tennis court movement. <i>Journal of Sports Sciences</i> , 2015, 33, 527-533.	2.0	12
49	High Thermoregulatory Strain During Competitive Paratriathlon Racing in the Heat. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 231-237.	2.3	12
50	Fatmax in children and adolescents: A review. <i>European Journal of Sport Science</i> , 2011, 11, 1-18.	2.7	11
51	Physical Activity Duration but Not Energy Expenditure Differs between Daily and Intermittent Breakfast Consumption in Adolescent Girls: A Randomized Crossover Trial. <i>Journal of Nutrition</i> , 2018, 148, 236-244.	2.9	10
52	Small-Sided Soccer in School Reduces Postprandial Lipemia in Adolescent Boys. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2351-2359.	0.4	10
53	Mixed Active and Passive, Heart Rate-Controlled Heat Acclimation Is Effective for Paralympic and Able-Bodied Triathletes. <i>Frontiers in Physiology</i> , 2019, 10, 1214.	2.8	10
54	Combined resistance and aerobic exercise intervention improves fitness, insulin resistance and quality of life in survivors of childhood haemopoietic stem cell transplantation with total body irradiation. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28687.	1.5	10

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55	Responses to training. , 2007, , 213-234.		9
56	Stand Out in Class: restructuring the classroom environment to reduce sedentary behaviour in 9-10-year-olds—study protocol for a pilot cluster randomised controlled trial. Pilot and Feasibility Studies, 2018, 4, 103.	1.2	9
57	Intraindividual Variability of Children's Blood Lipid and Lipoprotein Concentrations: A Review. Preventive Cardiology, 2002, 5, 145-151.	1.1	8
58	Exercise Energy Expenditure and Postprandial Lipemia in Girls. Medicine and Science in Sports and Exercise, 2014, 46, 239-246.	0.4	8
59	Acute Effects of Energy Deficit Induced by Moderate-Intensity Exercise or Energy-Intake Restriction on Postprandial Lipemia in Healthy Girls. Pediatric Exercise Science, 2015, 27, 192-202.	1.0	8
60	Commentaries on Viewpoint: Can muscle size fully account for strength differences between children and adults?. Journal of Applied Physiology, 2011, 110, 1750-1753.	2.5	7
61	Body mapping of sweating patterns of pre-pubertal children during intermittent exercise in a warm environment. European Journal of Applied Physiology, 2021, 121, 3561-3576.	2.5	7
62	Sit—stand desks to reduce sedentary behaviour in 9- to 10-year-olds: the Stand Out in Class pilot cluster RCT. Public Health Research, 2020, 8, 1-126.	1.3	6
63	Breakfast Consumption Suppresses Appetite but Does Not Increase Daily Energy Intake or Physical Activity Energy Expenditure When Compared with Breakfast Omission in Adolescent Girls Who Habitually Skip Breakfast: A 7-Day Randomised Crossover Trial. Nutrients, 2021, 13, 4261.	4.1	6
64	Energy replacement diminishes the effect of exercise on postprandial lipemia in boys. Metabolism: Clinical and Experimental, 2016, 65, 496-506.	3.4	5
65	Spinal Cord Injury Level Influences Acute Plasma Caffeine Responses. Medicine and Science in Sports and Exercise, 2017, 49, 363-370.	0.4	5
66	A Multifactorial Assessment of Elite Paratriathletes™ Response to 2 Weeks of Intensified Training. International Journal of Sports Physiology and Performance, 2019, 14, 911-917.	2.3	5
67	Brief Report: Training Load, Salivary Immunoglobulin A, and Illness Incidence in Elite Paratriathletes. International Journal of Sports Physiology and Performance, 2019, 14, 536-539.	2.3	5
68	Short Sprints Accumulated at School Modulate Postprandial Metabolism in Boys. Medicine and Science in Sports and Exercise, 2020, 52, 67-76.	0.4	4
69	Stand Out in Class: Investigating the Potential Impact of a Sit—Stand Desk Intervention on Children™s Sitting and Physical Activity during Class Time and after School. International Journal of Environmental Research and Public Health, 2021, 18, 4759.	2.6	4
70	Recommendations for Recruiting and Retaining Adolescent Girls in Chronic Exercise (Training) Research Studies. Sports, 2015, 3, 219-235.	1.7	3
71	Sex differences in postprandial lipaemia after acute high-intensity interval running in young people. Journal of Sports Sciences, 2018, 36, 1673-1681.	2.0	3
72	Practice improves court mobility and self-efficacy in tennis-specific wheelchair propulsion. Disability and Rehabilitation: Assistive Technology, 2021, 16, 398-406.	2.2	3

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73	Effects of a 12-Week Exercise Intervention on Subsequent Compensatory Behaviors in Adolescent Girls: An Exploratory Study. <i>Pediatric Exercise Science</i> , 2019, 31, 495-504.	1.0	3
74	American Heart Association Guidelines for Preventing Heart Disease in Women: 2007 Update. <i>Physician and Sportsmedicine</i> , 2010, 38, 162-164.	2.1	2
75	Increased Meal Frequency With Exercise Mitigates Postprandial Triacylglycerol. <i>Journal of Physical Activity and Health</i> , 2019, 16, 589-594.	2.0	2
76	Criterion Validity of a Field-Based Assessment of Aerobic Capacity in Wheelchair Rugby Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1341-1346.	2.3	2
77	Interrater Reliability of the New Sport-Specific Evidence-Based Classification System for Para Va'a. <i>Adapted Physical Activity Quarterly</i> , 2020, 37, 241-252.	0.8	1
78	Effects of Aerobic Exercise on Non-High-Density Lipoprotein Cholesterol in Children and Adolescents. <i>Physician and Sportsmedicine</i> , 2009, 37, 162-164.	2.1	0
79	Metabolism and Exercise During Youth. <i>Pediatric Exercise Science</i> , 2016, 28, 32-35.	1.0	0
80	Metabolism and Exercise During Youth. <i>Pediatric Exercise Science</i> , 2017, 29, 39-44.	1.0	0
81	Metabolism and Exercise During Youth—The Year That Was 2017. <i>Pediatric Exercise Science</i> , 2018, 30, 38-41.	1.0	0
82	REPLY TO BAKER AND DAVIES. <i>Journal of Applied Physiology</i> , 2006, 101, 1535-1535.	2.5	0