Dylan Thompson

List of Publications by Year in Descending Order

110 papers	2,852 citations	31 h-index	49 g-index
117 ext. papers	3,409 ext. citations	4.2 avg, IF	5.31 L-index

#	Paper	IF	Citations
110	Supporting Behavior Change in Sedentary Adults via Real-time Multidimensional Physical Activity Feedback: Mixed Methods Randomized Controlled Trial.. *JMIR Formative Research*, **2022**, 6, e26525	2.5	0
109	Perceived barriers and facilitators of physical activity in adults living in activity-friendly urban environments: A qualitative study in Sri Lanka. *PLoS ONE*, **2022**, 17, e0268817	3.7	0
108	Effect of high-intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. *Experimental Physiology*, **2021**, 106, 1159-1165	2.4	1
107	The understanding, acceptability, and relevance of personalised multidimensional physical activity feedback among urban adults: evidence from a qualitative feasibility study in Sri Lanka. *BMC Public Health*, **2021**, 21, 715	4.1	2
106	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. *Science Translational Medicine*, **2021**, 13,	17.5	11
105	Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. *Journal of Physiology*, **2021**,	3.9	2
104	A Single Bout of Upper-Body Exercise Has No Effect on Postprandial Metabolism in Persons with Chronic Paraplegia. *Medicine and Science in Sports and Exercise*, **2021**, 53, 1041-1049	1.2	1
103	Effects of neuromuscular electrical stimulation on energy expenditure and postprandial metabolism in healthy men. *Applied Physiology, Nutrition and Metabolism*, **2021**, 1-7	3	0
102	Effect of Plain Versus Sugar-Sweetened Breakfast on Energy Balance and Metabolic Health: A Randomized Crossover Trial. *Obesity*, **2020**, 28, 740-748	8	3
101	Effect of Exercise on Cardiometabolic Risk Factors in Adults With Chronic Spinal Cord Injury: A Systematic Review. *Archives of Physical Medicine and Rehabilitation*, **2020**, 101, 2177-2205	2.8	13
100	Effect of novel technology-enabled multidimensional physical activity feedback in primary care patients at risk of chronic disease - the MIPACT study: a randomised controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 99	8.4	5
99	The role of intermittent fasting and meal timing in weight management and metabolic health. *Proceedings of the Nutrition Society*, **2020**, 79, 76-87	2.9	13
98	Co-ingestion of whey protein hydrolysate with milk minerals rich in calcium potently stimulates glucagon-like peptide-1 secretion: an RCT in healthy adults. *European Journal of Nutrition*, **2020**, 59, 2449-2462	5.2	4
97	Lipid Metabolism Links Nutrient-Exercise Timing to Insulin Sensitivity in Men Classified as Overweight or Obese. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	19
96	Galactose Ingested with a High-Fat Beverage Increases Postprandial Lipemia Compared with Glucose but Not Fructose Ingestion in Healthy Men. *Journal of Nutrition*, **2020**, 150, 1765-1772	4.1	2
95	Effects of a Web-Based, Evolutionary Mismatch-Framed Intervention Targeting Physical Activity and Diet: a Randomised Controlled Trial. *International Journal of Behavioral Medicine*, **2019**, 26, 645-657	2.6	3
94	Establishing outcome measures in early knee osteoarthritis. *Nature Reviews Rheumatology*, **2019**, 15, 438-448	8.1	50

93	The Energy Cost of Sitting versus Standing Naturally in Man. *Medicine and Science in Sports and Exercise*, **2019**, 51, 726-733	1.2	16
92	Six Weeks of Morning Fasting Causes Little Adaptation of Metabolic or Appetite Responses to Feeding in Adults with Obesity. *Obesity*, **2019**, 27, 813-821	8	4
91	Mobilising vitamin D from adipose tissue: The potential impact of exercise. *Nutrition Bulletin*, **2019**, 44, 25-35	3.5	13
90	Skipping Breakfast Before Exercise Creates a More Negative 24-hour Energy Balance: A Randomized Controlled Trial in Healthy Physically Active Young Men. *Journal of Nutrition*, **2019**, 149, 1326-1334	4.1	9
89	Hydration status affects thirst and salt preference but not energy intake or postprandial ghrelin in healthy adults: A randomised crossover trial. *Physiology and Behavior*, **2019**, 212, 112725	3.5	4
88	The impact of multidimensional physical activity feedback on healthcare practitioners and patients. *BJGP Open*, **2019**, 3, bjgpopen18X101628	3.1	5
87	Carbohydrate Availability as a Regulator of Energy Balance With Exercise. *Exercise and Sport Sciences Reviews*, **2019**, 47, 215-222	6.7	8
86	Effect of acute hypohydration on glycemic regulation in healthy adults: a randomized crossover trial. *Journal of Applied Physiology*, **2019**, 126, 422-430	3.7	10
85	Biomarkers of cardiometabolic health are associated with body composition characteristics but not physical activity in persons with spinal cord injury. *Journal of Spinal Cord Medicine*, **2019**, 42, 328-337	1.9	15
84	Postprandial Metabolism and Appetite Do Not Differ between Lean Adults that Eat Breakfast or Morning Fast for 6 Weeks. *Journal of Nutrition*, **2018**, 148, 13-21	4.1	9
83	Can evolutionary mismatch help generate interest in health promotion messages?. *Health Education Journal*, **2018**, 77, 515-526	1.5	2
82	The effects of different forms of daily exercise on metabolic function following short-term overfeeding and reduced physical activity in healthy young men: study protocol for a randomised controlled trial. *Trials*, **2018**, 19, 199	2.8	1
81	Parallels in Immunometabolic Adipose Tissue Dysfunction with Ageing and Obesity. *Frontiers in Immunology*, **2018**, 9, 169	8.4	67
80	Intermittent fasting, energy balance and associated health outcomes in adults: study protocol for a randomised controlled trial. *Trials*, **2018**, 19, 86	2.8	7
79	Adipose Tissue Responses to Breaking Sitting in Men and Women with Central Adiposity. *Medicine and Science in Sports and Exercise*, **2018**, 50, 2049-2057	1.2	6
78	Preexercise breakfast ingestion versus extended overnight fasting increases postprandial glucose flux after exercise in healthy men. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E1062-E1074	6	27
77	Molecular adaptations of adipose tissue to 6 weeks of morning fasting vs. daily breakfast consumption in lean and obese adults. *Journal of Physiology*, **2018**, 596, 609-622	3.9	13
76	Habitual physical activity levels do not predict leg strength and power in healthy, active older adults. *PLoS ONE*, **2018**, 13, e0200089	3.7	9

75	Adipose tissue metabolic and inflammatory responses to a mixed meal in lean, overweight and obese men. *European Journal of Nutrition*, **2017**, 56, 375-385		16
74	Prior exercise alters the difference between arterialised and venous glycaemia: implications for blood sampling procedures. *British Journal of Nutrition*, **2017**, 117, 1414-1421	3.6	16
73	Feeding influences adipose tissue responses to exercise in overweight men. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 313, E84-E93	6	23
72	Dietary carbohydrates, components of energy balance, and associated health outcomes. *Nutrition Reviews*, **2017**, 75, 783-797	6.4	14
71	Energy balance components in persons with paraplegia: daily variation and appropriate measurement duration. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 132	8.4	28
70	Impact of Exercise on Cardiometabolic Component Risks in Spinal Cord-injured Humans. *Medicine and Science in Sports and Exercise*, **2017**, 49, 2469-2477	1.2	26
69	Measurement of Physical Activity and Energy Expenditure in Wheelchair Users: Methods, Considerations and Future Directions. *Sports Medicine - Open*, **2017**, 3, 10	6.1	28
68	Assessment of laboratory and daily energy expenditure estimates from consumer multi-sensor physical activity monitors. *PLoS ONE*, **2017**, 12, e0171720	3.7	63
67	Changes in aerobic capacity and glycaemic control in response to reduced-exertion high-intensity interval training (REHIT) are not different between sedentary men and women. *Applied Physiology, Nutrition and Metabolism*, **2016**, 41, 1117-1123	3	38
66	The influence of a home-based exercise intervention on human health indices in individuals with chronic spinal cord injury (HOMEX-SCI): study protocol for a randomised controlled trial. *Trials*, **2016**, 17, 284	2.8	7
65	Feedback from physical activity monitors is not compatible with current recommendations: A recalibration study. *Preventive Medicine*, **2016**, 91, 389-394	4.3	27
64	The causal role of breakfast in energy balance and health: a randomized controlled trial in obese adults. *American Journal of Clinical Nutrition*, **2016**, 103, 747-56	7	95
63	Exercise strategies to protect against the impact of short-term reduced physical activity on muscle function and markers of health in older men: study protocol for a randomised controlled trial. *Trials* , **2016**, 17, 381	2.8	3
62	Impact of Muscle Glycogen Availability on the Capacity for Repeated Exercise in Man. *Medicine and Science in Sports and Exercise*, **2016**, 48, 123-31	1.2	35
61	The impact of exercise intensity on whole body and adipose tissue metabolism during energy restriction in sedentary overweight men and postmenopausal women. *Physiological Reports*, **2016**, 4, e13026	2.6	6
60	Low fitness, low body mass and prior injury predict injury risk during military recruit training: a prospective cohort study in the British Army. *BMJ Open Sport and Exercise Medicine*, **2016**, 2, e000100	3.4	32
59	Reply to SL Buckner et al. *American Journal of Clinical Nutrition*, **2016**, 103, 1556-7	7	
58	Is breakfast the most important meal of the day?. *Proceedings of the Nutrition Society*, **2016**, 75, 464-474	2.9	39

57	Detecting meaningful body composition changes in athletes using dual-energy x-ray absorptiometry. *Physiological Measurement*, **2016**, 37, 596-609	2.9	16
56	A reduced activity model: a relevant tool for the study of ageing muscle. *Biogerontology*, **2016**, 17, 435-47	4.5	7
55	Carbohydrate-rich breakfast attenuates glycaemic, insulinaemic and ghrelin response to ad libitum lunch relative to morning fasting in lean adults. *British Journal of Nutrition*, **2015**, 114, 98-107	3.6	37
54	Multidimensional physical activity: an opportunity, not a problem. *Exercise and Sport Sciences Reviews*, **2015**, 43, 67-74	6.7	57
53	Multidimensional individualised Physical ACTivity (Mi-PACT)--a technology-enabled intervention to promote physical activity in primary care: study protocol for a randomised controlled trial. *Trials*, **2015**, 16, 381	2.8	18
52	Response. *Exercise and Sport Sciences Reviews*, **2015**, 43, 239	6.7	
51	Influence of accelerometer type and placement on physical activity energy expenditure prediction in manual wheelchair users. *PLoS ONE*, **2015**, 10, e0126086	3.7	27
50	The understanding and interpretation of innovative technology-enabled multidimensional physical activity feedback in patients at risk of future chronic disease. *PLoS ONE*, **2015**, 10, e0126156	3.7	16
49	The causal role of breakfast in energy balance and health: a randomized controlled trial in lean adults. *American Journal of Clinical Nutrition*, **2014**, 100, 539-47	7	125
48	Exploring mechanisms of fatigue during repeated exercise and the dose dependent effects of carbohydrate and protein ingestion: study protocol for a randomised controlled trial. *Trials*, **2014**, 15, 95	2.8	6
47	Sedentary time and markers of inflammation in people with newly diagnosed type 2 diabetes. *Nutrition, Metabolism and Cardiovascular Diseases*, **2014**, 24, 956-62	4.5	28
46	Predicting physical activity energy expenditure in manual wheelchair users. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1849-58	1.2	31
45	Substitution and compensation Erode the energy deficit from exercise interventions. *Medicine and Science in Sports and Exercise*, **2014**, 46, 423	1.2	19
44	Effect of diet or diet plus physical activity versus usual care on inflammatory markers in patients with newly diagnosed type 2 diabetes: the Early ACTivity in Diabetes (ACTID) randomized, controlled trial. *Journal of the American Heart Association*, **2014**, 3, e000828	6	18
43	Post-Exercise Protein Trial: Interactions between Diet and Exercise (PEPTIDE): study protocol for randomized controlled trial. *Trials*, **2014**, 15, 459	2.8	1
42	Exercise to preserve beta cell function in recent-onset type 1 diabetes mellitus (EXTOD)--a study protocol for a pilot randomized controlled trial. *Trials*, **2013**, 14, 180	2.8	12
41	Different responses of selected hormones to three types of exercise in young men. *European Journal of Applied Physiology*, **2013**, 113, 775-83	3.4	27
40	Measurement of steroid hormones in saliva: Effects of sample storage condition. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2013**, 73, 615-21	2	45

39	Effect of short-term reduced physical activity on cardiovascular risk factors in active lean and overweight middle-aged men. *Metabolism: Clinical and Experimental*, **2013**, 62, 361-8	12.7	12
38	Inhibition of islet immunoreactivity by adiponectin is attenuated in human type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E418-28	5.6	21
37	Impact of a carbohydrate-electrolyte drink on ingestive behaviour, affect and self-selected intensity during recreational exercise after 24-h fluid restriction. *Appetite*, **2013**, 60, 5-12	4.5	2
36	Exercise counteracts the effects of short-term overfeeding and reduced physical activity independent of energy imbalance in healthy young men. *Journal of Physiology*, **2013**, 591, 6231-43	3.9	66
35	Towards integrated physical activity profiling. *PLoS ONE*, **2013**, 8, e56427	3.7	30
34	Voluntary drinking behaviour, fluid balance and psychological affect when ingesting water or a carbohydrate-electrolyte solution during exercise. *Appetite*, **2012**, 58, 56-63	4.5	16
33	Physical activity and exercise in the regulation of human adipose tissue physiology. *Physiological Reviews*, **2012**, 92, 157-91	47.9	197
32	Thinking outside the bag (not necessarily outside the lab). *Medicine and Science in Sports and Exercise*, **2012**, 44, 2040; author reply 2041	1.2	36
31	Arterio-venous differences in peripheral blood mononuclear cells across human adipose tissue and the effect of adrenaline infusion. *International Journal of Obesity*, **2012**, 36, 1256-8	5.5	2
30	Markers of chronic inflammation with short-term changes in physical activity. *Medicine and Science in Sports and Exercise*, **2011**, 43, 578-83	1.2	15
29	Self-report vs. objectively assessed physical activity: which is right for public health?. *Journal of Physical Activity and Health*, **2011**, 8, 62-70	2.5	55
28	Bath Breakfast Project (BBP)--examining the role of extended daily fasting in human energy balance and associated health outcomes: study protocol for a randomised controlled trial [ISRCTN31521726]. *Trials*, **2011**, 12, 172	2.8	22
27	Oxidative stress, inflammation and recovery of muscle function after damaging exercise: effect of 6-week mixed antioxidant supplementation. *European Journal of Applied Physiology*, **2011**, 111, 925-36	3.4	44
26	Effect of combined carbohydrate-protein ingestion on markers of recovery after simulated rugby union match-play. *Journal of Sports Sciences*, **2011**, 29, 1253-62	3.6	8
25	Initial hydration status, fluid balance, and psychological affect during recreational exercise in adults. *Journal of Sports Sciences*, **2011**, 29, 897-904	3.6	17
24	Time course of changes in inflammatory markers during a 6-mo exercise intervention in sedentary middle-aged men: a randomized-controlled trial. *Journal of Applied Physiology*, **2010**, 108, 769-79	3.7	74
23	Effects of carbohydrate and caffeine ingestion on performance during a rugby union simulation protocol. *Journal of Sports Sciences*, **2010**, 28, 833-42	3.6	37
22	Nonprescribed physical activity energy expenditure is maintained with structured exercise and implicates a compensatory increase in energy intake. *American Journal of Clinical Nutrition*, **2010**, 92, 1009-16	7	60

21	Confusion and conflict in assessing the physical activity status of middle-aged men. *PLoS ONE*, **2009**, 4, e4337	3.7	34
20	Measurement of postprandial interleukin-6 by using a catheter: what does it tell us?. *American Journal of Clinical Nutrition*, **2009**, 90, 1446; author reply 1446-7	7	4
19	Lycopene supplementation (passata sauce) reduces apoptosis but does not affect oxidant-responsive heme oxygenase-1 in human lymphocytes. *Nutrition*, **2009**, 25, 668-75	4.8	9
18	Measurement of postprandial interleukin-6 via a catheter: what does it tell us?. *European Journal of Applied Physiology*, **2009**, 107, 621-2	3.4	7
17	Systemic indices of skeletal muscle damage and recovery of muscle function after exercise: effect of combined carbohydrate-protein ingestion. *Applied Physiology, Nutrition and Metabolism*, **2009**, 34, 773-84	3	35
16	Active middle-aged men have lower fasting inflammatory markers but the postprandial inflammatory response is minimal and unaffected by physical activity status. *Journal of Applied Physiology*, **2009**, 107, 63-8	3.7	35
15	Growth hormone responses to 3 different exercise bouts in 18- to 25- and 40- to 50-year-old men. *Applied Physiology, Nutrition and Metabolism*, **2008**, 33, 706-12	3	16
14	Anticipation of subsequent demanding exercise increases the expression of haem oxygenase-1 mRNA in human lymphocytes. *Stress*, **2008**, 11, 79-82	3	2
13	Acute moderate-intensity exercise in middle-aged men has neither an anti- nor proinflammatory effect. *Journal of Applied Physiology*, **2008**, 105, 260-5	3.7	47
12	The effect of prior exercise on ex vivo induction of heme oxygenase-1 in human lymphocytes. *Free Radical Research*, **2007**, 41, 1125-34	4	4
11	Assessment of low-to-moderate intensity physical activity thermogenesis in young adults using synchronized heart rate and accelerometry with branched-equation modeling. *Journal of Nutrition*, **2006**, 136, 1037-42	4.1	88
10	Exercise-induced expression of heme oxygenase-1 in human lymphocytes. *Free Radical Research*, **2005**, 39, 63-9	4	31
9	Prolonged vitamin C supplementation and recovery from eccentric exercise. *European Journal of Applied Physiology*, **2004**, 92, 133-8	3.4	39
8	The influence of a 6.5% carbohydrate-electrolyte solution on performance of prolonged intermittent high-intensity running at 30 degrees C. *Journal of Sports Sciences*, **2003**, 21, 371-81	3.6	19
7	Post-exercise vitamin C supplementation and recovery from demanding exercise. *European Journal of Applied Physiology*, **2003**, 89, 393-400	3.4	70
6	The acute 1-week effects of the Zone diet on body composition, blood lipid levels, and performance in recreational endurance athletes. *Journal of Strength and Conditioning Research*, **2002**, 16, 50-7	3.2	12
5	Prolonged vitamin C supplementation and recovery from demanding exercise. *International Journal of Sport Nutrition and Exercise Metabolism*, **2001**, 11, 466-81	4.4	84
4	Antioxidant vitamins and muscle soreness in humans: a brief review. *Physical Therapy in Sport*, **2001**, 2, 141-148	3	

3	Peak power output, the lactate threshold, and time trial performance in cyclists. *Medicine and Science in Sports and Exercise*, **2001**, 33, 2077-81	1.2	72
2	Muscle soreness and damage parameters after prolonged intermittent shuttle-running following acute vitamin C supplementation. *International Journal of Sports Medicine*, **2001**, 22, 68-75	3.6	65
1	Muscular soreness following prolonged intermittent high-intensity shuttle running. *Journal of Sports Sciences*, **1999**, 17, 387-95	3.6	123