

# Dylan Thompson

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Physical activity and exercise in the regulation of human adipose tissue physiology. <i>Physiological Reviews</i> , <b>2012</b> , 92, 157-91	47.9	197
109	The causal role of breakfast in energy balance and health: a randomized controlled trial in lean adults. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 539-47	7	125
108	Muscular soreness following prolonged intermittent high-intensity shuttle running. <i>Journal of Sports Sciences</i> , <b>1999</b> , 17, 387-95	3.6	123
107	The causal role of breakfast in energy balance and health: a randomized controlled trial in obese adults. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 747-56	7	95
106	Assessment of low-to-moderate intensity physical activity thermogenesis in young adults using synchronized heart rate and accelerometry with branched-equation modeling. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 1037-42	4.1	88
105	Prolonged vitamin C supplementation and recovery from demanding exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2001</b> , 11, 466-81	4.4	84
104	Time course of changes in inflammatory markers during a 6-mo exercise intervention in sedentary middle-aged men: a randomized-controlled trial. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 769-79	3.7	74
103	Peak power output, the lactate threshold, and time trial performance in cyclists. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, 2077-81	1.2	72
102	Post-exercise vitamin C supplementation and recovery from demanding exercise. <i>European Journal of Applied Physiology</i> , <b>2003</b> , 89, 393-400	3.4	70
101	Parallels in Immunometabolic Adipose Tissue Dysfunction with Ageing and Obesity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 169	8.4	67
100	Exercise counteracts the effects of short-term overfeeding and reduced physical activity independent of energy imbalance in healthy young men. <i>Journal of Physiology</i> , <b>2013</b> , 591, 6231-43	3.9	66
99	Muscle soreness and damage parameters after prolonged intermittent shuttle-running following acute vitamin C supplementation. <i>International Journal of Sports Medicine</i> , <b>2001</b> , 22, 68-75	3.6	65
98	Assessment of laboratory and daily energy expenditure estimates from consumer multi-sensor physical activity monitors. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171720	3.7	63
97	Nonprescribed physical activity energy expenditure is maintained with structured exercise and implicates a compensatory increase in energy intake. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 1009-16	7	60
96	Multidimensional physical activity: an opportunity, not a problem. <i>Exercise and Sport Sciences Reviews</i> , <b>2015</b> , 43, 67-74	6.7	57
95	Self-report vs. objectively assessed physical activity: which is right for public health?. <i>Journal of Physical Activity and Health</i> , <b>2011</b> , 8, 62-70	2.5	55
94	Establishing outcome measures in early knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , <b>2019</b> , 15, 438-448	8.1	50

93	Acute moderate-intensity exercise in middle-aged men has neither an anti- nor proinflammatory effect. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 260-5	3.7	47
92	Measurement of steroid hormones in saliva: Effects of sample storage condition. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2013</b> , 73, 615-21	2	45
91	Oxidative stress, inflammation and recovery of muscle function after damaging exercise: effect of 6-week mixed antioxidant supplementation. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 925-36	3.4	44
90	Prolonged vitamin C supplementation and recovery from eccentric exercise. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 92, 133-8	3.4	39
89	Is breakfast the most important meal of the day?. <i>Proceedings of the Nutrition Society</i> , <b>2016</b> , 75, 464-474	2.9	39
88	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. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 1117-1123	3	38
87	Carbohydrate-rich breakfast attenuates glycaemic, insulinaemic and ghrelin response to ad libitum lunch relative to morning fasting in lean adults. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 98-107	3.6	37
86	Effects of carbohydrate and caffeine ingestion on performance during a rugby union simulation protocol. <i>Journal of Sports Sciences</i> , <b>2010</b> , 28, 833-42	3.6	37
85	Thinking outside the bag (not necessarily outside the lab). <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 2040; author reply 2041	1.2	36
84	Systemic indices of skeletal muscle damage and recovery of muscle function after exercise: effect of combined carbohydrate-protein ingestion. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2009</b> , 34, 773-84	3	35
83	Active middle-aged men have lower fasting inflammatory markers but the postprandial inflammatory response is minimal and unaffected by physical activity status. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 63-8	3.7	35
82	Impact of Muscle Glycogen Availability on the Capacity for Repeated Exercise in Man. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 123-31	1.2	35
81	Confusion and conflict in assessing the physical activity status of middle-aged men. <i>PLoS ONE</i> , <b>2009</b> , 4, e4337	3.7	34
80	Low fitness, low body mass and prior injury predict injury risk during military recruit training: a prospective cohort study in the British Army. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2016</b> , 2, e000100	3.4	32
79	Predicting physical activity energy expenditure in manual wheelchair users. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1849-58	1.2	31
78	Exercise-induced expression of heme oxygenase-1 in human lymphocytes. <i>Free Radical Research</i> , <b>2005</b> , 39, 63-9	4	31
77	Towards integrated physical activity profiling. <i>PLoS ONE</i> , <b>2013</b> , 8, e56427	3.7	30
76	Energy balance components in persons with paraplegia: daily variation and appropriate measurement duration. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 132	8.4	28

75	Sedentary time and markers of inflammation in people with newly diagnosed type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2014</b> , 24, 956-62	4.5	28
74	Measurement of Physical Activity and Energy Expenditure in Wheelchair Users: Methods, Considerations and Future Directions. <i>Sports Medicine - Open</i> , <b>2017</b> , 3, 10	6.1	28
73	Feedback from physical activity monitors is not compatible with current recommendations: A recalibration study. <i>Preventive Medicine</i> , <b>2016</b> , 91, 389-394	4.3	27
72	Preexercise breakfast ingestion versus extended overnight fasting increases postprandial glucose flux after exercise in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E1062-E1074	6	27
71	Different responses of selected hormones to three types of exercise in young men. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 775-83	3.4	27
70	Influence of accelerometer type and placement on physical activity energy expenditure prediction in manual wheelchair users. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126086	3.7	27
69	Impact of Exercise on Cardiometabolic Component Risks in Spinal Cord-injured Humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2469-2477	1.2	26
68	Feeding influences adipose tissue responses to exercise in overweight men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 313, E84-E93	6	23
67	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]. <i>Trials</i> , <b>2011</b> , 12, 172	2.8	22
66	Inhibition of islet immunoreactivity by adiponectin is attenuated in human type 1 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E418-28	5.6	21
65	Substitution and compensation Erode the energy deficit from exercise interventions. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 423	1.2	19
64	The influence of a 6.5% carbohydrate-electrolyte solution on performance of prolonged intermittent high-intensity running at 30 degrees C. <i>Journal of Sports Sciences</i> , <b>2003</b> , 21, 371-81	3.6	19
63	Lipid Metabolism Links Nutrient-Exercise Timing to Insulin Sensitivity in Men Classified as Overweight or Obese. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	19
62	Multidimensional individualised Physical ACTivity (Mi-PACT)--a technology-enabled intervention to promote physical activity in primary care: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2015</b> , 16, 381	2.8	18
61	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. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000828	6	18
60	Initial hydration status, fluid balance, and psychological affect during recreational exercise in adults. <i>Journal of Sports Sciences</i> , <b>2011</b> , 29, 897-904	3.6	17
59	Adipose tissue metabolic and inflammatory responses to a mixed meal in lean, overweight and obese men. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 375-385		16
58	Prior exercise alters the difference between arterialised and venous glycaemia: implications for blood sampling procedures. <i>British Journal of Nutrition</i> , <b>2017</b> , 117, 1414-1421	3.6	16

57	The Energy Cost of Sitting versus Standing Naturally in Man. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 726-733	1.2	16
56	Voluntary drinking behaviour, fluid balance and psychological affect when ingesting water or a carbohydrate-electrolyte solution during exercise. <i>Appetite</i> , <b>2012</b> , 58, 56-63	4.5	16
55	Growth hormone responses to 3 different exercise bouts in 18- to 25- and 40- to 50-year-old men. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2008</b> , 33, 706-12	3	16
54	The understanding and interpretation of innovative technology-enabled multidimensional physical activity feedback in patients at risk of future chronic disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126156	3.7	16
53	Detecting meaningful body composition changes in athletes using dual-energy x-ray absorptiometry. <i>Physiological Measurement</i> , <b>2016</b> , 37, 596-609	2.9	16
52	Markers of chronic inflammation with short-term changes in physical activity. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 578-83	1.2	15
51	Biomarkers of cardiometabolic health are associated with body composition characteristics but not physical activity in persons with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , <b>2019</b> , 42, 328-337	1.9	15
50	Dietary carbohydrates, components of energy balance, and associated health outcomes. <i>Nutrition Reviews</i> , <b>2017</b> , 75, 783-797	6.4	14
49	Mobilising vitamin D from adipose tissue: The potential impact of exercise. <i>Nutrition Bulletin</i> , <b>2019</b> , 44, 25-35	3.5	13
48	Effect of Exercise on Cardiometabolic Risk Factors in Adults With Chronic Spinal Cord Injury: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2020</b> , 101, 2177-2205	2.8	13
47	The role of intermittent fasting and meal timing in weight management and metabolic health. <i>Proceedings of the Nutrition Society</i> , <b>2020</b> , 79, 76-87	2.9	13
46	Molecular adaptations of adipose tissue to 6 weeks of morning fasting vs. daily breakfast consumption in lean and obese adults. <i>Journal of Physiology</i> , <b>2018</b> , 596, 609-622	3.9	13
45	Exercise to preserve beta cell function in recent-onset type 1 diabetes mellitus (EXTOD)--a study protocol for a pilot randomized controlled trial. <i>Trials</i> , <b>2013</b> , 14, 180	2.8	12
44	Effect of short-term reduced physical activity on cardiovascular risk factors in active lean and overweight middle-aged men. <i>Metabolism: Clinical and Experimental</i> , <b>2013</b> , 62, 361-8	12.7	12
43	The acute 1-week effects of the Zone diet on body composition, blood lipid levels, and performance in recreational endurance athletes. <i>Journal of Strength and Conditioning Research</i> , <b>2002</b> , 16, 50-7	3.2	12
42	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	11
41	Effect of acute hypohydration on glycemic regulation in healthy adults: a randomized crossover trial. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 422-430	3.7	10
40	Postprandial Metabolism and Appetite Do Not Differ between Lean Adults that Eat Breakfast or Morning Fast for 6 Weeks. <i>Journal of Nutrition</i> , <b>2018</b> , 148, 13-21	4.1	9

39	Skipping Breakfast Before Exercise Creates a More Negative 24-hour Energy Balance: A Randomized Controlled Trial in Healthy Physically Active Young Men. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 1326-1334	4.1	9
38	Lycopene supplementation (passata sauce) reduces apoptosis but does not affect oxidant-responsive heme oxygenase-1 in human lymphocytes. <i>Nutrition</i> , <b>2009</b> , 25, 668-75	4.8	9
37	Habitual physical activity levels do not predict leg strength and power in healthy, active older adults. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200089	3.7	9
36	Effect of combined carbohydrate-protein ingestion on markers of recovery after simulated rugby union match-play. <i>Journal of Sports Sciences</i> , <b>2011</b> , 29, 1253-62	3.6	8
35	Carbohydrate Availability as a Regulator of Energy Balance With Exercise. <i>Exercise and Sport Sciences Reviews</i> , <b>2019</b> , 47, 215-222	6.7	8
34	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. <i>Trials</i> , <b>2016</b> , 17, 284	2.8	7
33	Intermittent fasting, energy balance and associated health outcomes in adults: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2018</b> , 19, 86	2.8	7
32	Measurement of postprandial interleukin-6 via a catheter: what does it tell us?. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 107, 621-2	3.4	7
31	A reduced activity model: a relevant tool for the study of ageing muscle. <i>Biogerontology</i> , <b>2016</b> , 17, 435-47.5	4.5	7
30	Adipose Tissue Responses to Breaking Sitting in Men and Women with Central Adiposity. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 2049-2057	1.2	6
29	Exploring mechanisms of fatigue during repeated exercise and the dose dependent effects of carbohydrate and protein ingestion: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2014</b> , 15, 95	2.8	6
28	The impact of exercise intensity on whole body and adipose tissue metabolism during energy restriction in sedentary overweight men and postmenopausal women. <i>Physiological Reports</i> , <b>2016</b> , 4, e13026	2.6	6
27	The impact of multidimensional physical activity feedback on healthcare practitioners and patients. <i>BJGP Open</i> , <b>2019</b> , 3, bjgpopen18X101628	3.1	5
26	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2020</b> , 17, 99	8.4	5
25	Six Weeks of Morning Fasting Causes Little Adaptation of Metabolic or Appetite Responses to Feeding in Adults with Obesity. <i>Obesity</i> , <b>2019</b> , 27, 813-821	8	4
24	Hydration status affects thirst and salt preference but not energy intake or postprandial ghrelin in healthy adults: A randomised crossover trial. <i>Physiology and Behavior</i> , <b>2019</b> , 212, 112725	3.5	4
23	Measurement of postprandial interleukin-6 by using a catheter: what does it tell us?. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1446; author reply 1446-7	7	4
22	The effect of prior exercise on ex vivo induction of heme oxygenase-1 in human lymphocytes. <i>Free Radical Research</i> , <b>2007</b> , 41, 1125-34	4	4

21	Co-ingestion of whey protein hydrolysate with milk minerals rich in calcium potently stimulates glucagon-like peptide-1 secretion: an RCT in healthy adults. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 2449-2462 <sup>5,2</sup> 4		
20	Effects of a Web-Based, Evolutionary Mismatch-Framed Intervention Targeting Physical Activity and Diet: a Randomised Controlled Trial. <i>International Journal of Behavioral Medicine</i> , <b>2019</b> , 26, 645-657 2.6 3		
19	Effect of Plain Versus Sugar-Sweetened Breakfast on Energy Balance and Metabolic Health: A Randomized Crossover Trial. <i>Obesity</i> , <b>2020</b> , 28, 740-748 8 3		
18	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. <i>Trials</i> , <b>2016</b> , 17, 381 2.8 3		
17	Can evolutionary mismatch help generate interest in health promotion messages?. <i>Health Education Journal</i> , <b>2018</b> , 77, 515-526 1.5 2		
16	Impact of a carbohydrate-electrolyte drink on ingestive behaviour, affect and self-selected intensity during recreational exercise after 24-h fluid restriction. <i>Appetite</i> , <b>2013</b> , 60, 5-12 4.5 2		
15	Arterio-venous differences in peripheral blood mononuclear cells across human adipose tissue and the effect of adrenaline infusion. <i>International Journal of Obesity</i> , <b>2012</b> , 36, 1256-8 5.5 2		
14	Anticipation of subsequent demanding exercise increases the expression of haem oxygenase-1 mRNA in human lymphocytes. <i>Stress</i> , <b>2008</b> , 11, 79-82 3 2		
13	The understanding, acceptability, and relevance of personalised multidimensional physical activity feedback among urban adults: evidence from a qualitative feasibility study in Sri Lanka. <i>BMC Public Health</i> , <b>2021</b> , 21, 715 4.1 2		
12	Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. <i>Journal of Physiology</i> , <b>2021</b> , 3.9 2		
11	Galactose Ingested with a High-Fat Beverage Increases Postprandial Lipemia Compared with Glucose but Not Fructose Ingestion in Healthy Men. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 1765-1772 4.1 2		
10	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. <i>Trials</i> , <b>2018</b> , 19, 199 2.8 1		
9	Post-Exercise Protein Trial: Interactions between Diet and Exercise (PEPTIDE): study protocol for randomized controlled trial. <i>Trials</i> , <b>2014</b> , 15, 459 2.8 1		
8	Effect of high-intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1159-1165 2.4 1		
7	A Single Bout of Upper-Body Exercise Has No Effect on Postprandial Metabolism in Persons with Chronic Paraplegia. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 1041-1049 1.2 1		
6	Supporting Behavior Change in Sedentary Adults via Real-time Multidimensional Physical Activity Feedback: Mixed Methods Randomized Controlled Trial.. <i>JMIR Formative Research</i> , <b>2022</b> , 6, e26525 2.5 0		
5	Effects of neuromuscular electrical stimulation on energy expenditure and postprandial metabolism in healthy men. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 1-7 3 0		
4	Perceived barriers and facilitators of physical activity in adults living in activity-friendly urban environments: A qualitative study in Sri Lanka. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268817 3.7 0		

- 3 Response. *Exercise and Sport Sciences Reviews*, **2015**, 43, 239 6.7
- 2 Antioxidant vitamins and muscle soreness in humans: a brief review. *Physical Therapy in Sport*, **2001**, 2, 141-148 3
- 1 Reply to SL Buckner et al. *American Journal of Clinical Nutrition*, **2016**, 103, 1556-7 7