Dylan Thompson

List of Publications by Year
in descending order

114	3,959	101384	143772
papers	citations	36 h-index	57 g-index

117	117	117	5301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical Activity and Exercise in the Regulation of Human Adipose Tissue Physiology. Physiological Reviews, 2012, 92, 157-191.	13.1	274
2	The causal role of breakfast in energy balance and health: a randomized controlled trial in obese adults. American Journal of Clinical Nutrition, 2016, 103, 747-756.	2.2	170
3	The causal role of breakfast in energy balance and health: a randomized controlled trial in lean adults. American Journal of Clinical Nutrition, 2014, 100, 539-547.	2.2	166
4	Muscular soreness following prolonged intermittent high-intensity shuttle running. Journal of Sports Sciences, 1999, 17, 387-395.	1.0	140
5	Parallels in Immunometabolic Adipose Tissue Dysfunction with Ageing and Obesity. Frontiers in Immunology, 2018, 9, 169.	2.2	116
6	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, 1037-1042.	1.3	103
7	Prolonged Vitamin C Supplementation and Recovery from Demanding Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2001, 11, 466-481.	1.0	100
8	Assessment of laboratory and daily energy expenditure estimates from consumer multi-sensor physical activity monitors. PLoS ONE, 2017, 12, e0171720.	1.1	92
9	Establishing outcome measures in early knee osteoarthritis. Nature Reviews Rheumatology, 2019, 15, 438-448.	3.5	88
10	Peak power output, the lactate threshold, and time trial performance in cyclists. Medicine and Science in Sports and Exercise, 2001, 33, 2077-2081.	0.2	87
11	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, 769-779.	1.2	86
12	Muscle Soreness and Damage Parameters after Prolonged Intermittent Shuttle-Running Following Acute Vitamin C Supplementation. International Journal of Sports Medicine, 2001, 22, 68-75.	0.8	84
13	Post-exercise vitamin C supplementation and recovery from demanding exercise. European Journal of Applied Physiology, 2003, 89, 393-400.	1.2	84
14	Exercise counteracts the effects of shortâ€term overfeeding and reduced physical activity independent of energy imbalance in healthy young men. Journal of Physiology, 2013, 591, 6231-6243.	1.3	81
15	Multidimensional Physical Activity. Exercise and Sport Sciences Reviews, 2015, 43, 67-74.	1.6	80
16	Self-Report vs. Objectively Assessed Physical Activity: Which Is Right for Public Health?. Journal of Physical Activity and Health, 2011, 8, 62-70.	1.0	69
17	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, 1009-1016.	2.2	67
18	Acute moderate-intensity exercise in middle-aged men has neither an anti- nor proinflammatory effect. Journal of Applied Physiology, 2008, 105, 260-265.	1.2	59

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19	Measurement of steroid hormones in saliva: Effects of sample storage condition. Scandinavian Journal of Clinical and Laboratory Investigation, 2013, 73, 615-621.	0.6	58
20	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.	1.4	57
21	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, 925-936.	1.2	56
22	Is breakfast the most important meal of the day?. Proceedings of the Nutrition Society, 2016, 75, 464-474.	0.4	56
23	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, .	5.8	56
24	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.	1.2	51
25	Prolonged vitamin C supplementation and recovery from eccentric exercise. European Journal of Applied Physiology, 2004, 92, 133-138.	1.2	50
26	Measurement of Physical Activity and Energy Expenditure in Wheelchair Users: Methods, Considerations and Future Directions. Sports Medicine - Open, 2017, 3, 10.	1.3	49
27	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.	0.9	46
28	Thinking outside the Bag (Not Necessarily outside the Lab). Medicine and Science in Sports and Exercise, 2012, 44, 2040.	0.2	45
29	Effects of carbohydrate and caffeine ingestion on performance during a rugby union simulation protocol. Journal of Sports Sciences, 2010, 28, 833-842.	1.0	44
30	Energy balance components in persons with paraplegia: daily variation and appropriate measurement duration. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 132.	2.0	44
31	Sedentary time and markers of inflammation in people with newly diagnosed type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 956-962.	1.1	42
32	The role of intermittent fasting and meal timing in weight management and metabolic health. Proceedings of the Nutrition Society, 2020, 79, 76-87.	0.4	42
33	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, 63-68.	1.2	41
34	Confusion and Conflict in Assessing the Physical Activity Status of Middle-Aged Men. PLoS ONE, 2009, 4, e4337.	1.1	40
35	Mobilising vitamin D from adipose tissue: The potential impact of exercise. Nutrition Bulletin, 2019, 44, 25-35.	0.8	40
36	Systemic indices of skeletal muscle damage and recovery of muscle function after exercise: effect of combined carbohydrateâ€“protein ingestion. Applied Physiology, Nutrition and Metabolism, 2009, 34, 773-784.	0.9	39

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37	Towards Integrated Physical Activity Profiling. PLoS ONE, 2013, 8, e56427.	1.1	38
38	Influence of Accelerometer Type and Placement on Physical Activity Energy Expenditure Prediction in Manual Wheelchair Users. PLoS ONE, 2015, 10, e0126086.	1.1	38
39	Impact of Muscle Glycogen Availability on the Capacity for Repeated Exercise in Man. Medicine and Science in Sports and Exercise, 2016, 48, 123-131.	0.2	38
40	Predicting Physical Activity Energy Expenditure in Manual Wheelchair Users. Medicine and Science in Sports and Exercise, 2014, 46, 1849-1858.	0.2	37
41	Feedback from physical activity monitors is not compatible with current recommendations: A recalibration study. Preventive Medicine, 2016, 91, 389-394.	1.6	37
42	Impact of Exercise on Cardiometabolic Component Risks in Spinal Cordâ€“injured Humans. Medicine and Science in Sports and Exercise, 2017, 49, 2469-2477.	0.2	36
43	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.	1.8	34
44	Exercise-induced expression of heme oxygenase-1 in human lymphocytes. Free Radical Research, 2005, 39, 63-69.	1.5	33
45	Lipid Metabolism Links Nutrient-Exercise Timing to Insulin Sensitivity in Men Classified as Overweight or Obese. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 660-676.	1.8	32
46	Different responses of selected hormones to three types of exercise in young men. European Journal of Applied Physiology, 2013, 113, 775-783.	1.2	30
47	Feeding influences adipose tissue responses to exercise in overweight men. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E84-E93.	1.8	28
48	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.	0.5	28
49	The influence of a 6.5% carbohydrate-electrolyte solution on performance of prolonged intermittent high-intensity running at 30Â°C. Journal of Sports Sciences, 2003, 21, 371-381.	1.0	25
50	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.	0.7	24
51	Initial hydration status, fluid balance, and psychological affect during recreational exercise in adults. Journal of Sports Sciences, 2011, 29, 897-904.	1.0	23
52	Inhibition of Islet Immunoreactivity by Adiponectin Is Attenuated in Human Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E418-E428.	1.8	23
53	The Energy Cost of Sitting versus Standing Naturally in Man. Medicine and Science in Sports and Exercise, 2019, 51, 726-733.	0.2	23
54	Multidimensional individualised Physical ACTivity (Mi-PACT) â€“ a technology-enabled intervention to promote physical activity in primary care: study protocol for a randomised controlled trial. Trials, 2015, 16, 381.	0.7	22

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55	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.	1.6	21
56	Substitution and Compensation Erode the Energy Deficit from Exercise Interventions. Medicine and Science in Sports and Exercise, 2014, 46, 423.	0.2	21
57	Prior exercise alters the difference between arterialised and venous glycaemia: implications for blood sampling procedures. British Journal of Nutrition, 2017, 117, 1414-1421.	1.2	21
58	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, 706-712.	0.9	20
59	Detecting meaningful body composition changes in athletes using dual-energy x-ray absorptiometry. Physiological Measurement, 2016, 37, 596-609.	1.2	20
60	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.	0.7	20
61	A reduced activity model: a relevant tool for the study of ageing muscle. Biogerontology, 2016, 17, 435-447.	2.0	19
62	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.	1.1	19
63	Voluntary drinking behaviour, fluid balance and psychological affect when ingesting water or a carbohydrate-electrolyte solution during exercise. Appetite, 2012, 58, 56-63.	1.8	18
64	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.	0.7	18
65	Molecular adaptations of adipose tissue to 6Âweeks of morning fasting vs. daily breakfast consumption in lean and obese adults. Journal of Physiology, 2018, 596, 609-622.	1.3	18
66	Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. Journal of Physiology, 2022, 600, 921-947.	1.3	18
67	Adipose tissue metabolic and inflammatory responses to a mixed meal in lean, overweight and obese men. European Journal of Nutrition, 2017, 56, 375-385.	4.6	17
68	Dietary carbohydrates, components of energy balance, and associated health outcomes. Nutrition Reviews, 2017, 75, 783-797.	2.6	17
69	Markers of Chronic Inflammation with Short-Term Changes in Physical Activity. Medicine and Science in Sports and Exercise, 2011, 43, 578-583.	0.2	16
70	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, 361-368.	1.5	15
71	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.	1.3	14
72	Habitual physical activity levels do not predict leg strength and power in healthy, active older adults. PLoS ONE, 2018, 13, e0200089.	1.1	14

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73	Intermittent fasting, energy balance and associated health outcomes in adults: study protocol for a randomised controlled trial. Trials, 2018, 19, 86.	0.7	14
74	Adipose Tissue Responses to Breaking Sitting in Men and Women with Central Adiposity. Medicine and Science in Sports and Exercise, 2018, 50, 2049-2057.	0.2	14
75	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.	1.3	14
76	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.	1.8	14
77	Effect of novel technology-enabled multidimensional physical activity feedback in primary care patients at risk of chronic disease â€“ the MIPACT study: a randomised controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 99.	2.0	14
78	Effect of acute hypohydration on glycemic regulation in healthy adults: a randomized crossover trial. Journal of Applied Physiology, 2019, 126, 422-430.	1.2	13
79	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.	0.8	12
80	Carbohydrate Availability as a Regulator of Energy Balance With Exercise. Exercise and Sport Sciences Reviews, 2019, 47, 215-222.	1.6	12
81	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.	1.0	12
82	Lycopene supplementation (passata sauce) reduces apoptosis but does not affect oxidant-responsive heme oxygenase-1 in human lymphocytes. Nutrition, 2009, 25, 668-675.	1.1	11
83	Six Weeks of Morning Fasting Causes Little Adaptation of Metabolic or Appetite Responses to Feeding in Adults with Obesity. Obesity, 2019, 27, 813-821.	1.5	11
84	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.	1.0	10
85	Effect of combined carbohydrate-protein ingestion on markers of recovery after simulated rugby union match-play. Journal of Sports Sciences, 2011, 29, 1253-1262.	1.0	9
86	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.	0.7	9
87	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.	0.7	9
88	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.	1.0	9
89	The impact of multidimensional physical activity feedback on healthcare practitioners and patients. BJGP Open, 2019, 3, bjgpopen18X101628.	0.9	9
90	Measurement of postprandial interleukin-6 via a catheter: what does it tell us?. European Journal of Applied Physiology, 2009, 107, 621-622.	1.2	8

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91	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.	0.7	8
92	The effect of prior exercise onex vivoinduction of heme oxygenase-1 in human lymphocytes. Free Radical Research, 2007, 41, 1125-1134.	1.5	5
93	Effect of Plain Versus Sugarâ€Sweetened Breakfast on Energy Balance and Metabolic Health: A Randomized Crossover Trial. Obesity, 2020, 28, 740-748.	1.5	5
94	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.	1.3	5
95	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.	0.2	5
96	Effect of highâ€intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. Experimental Physiology, 2021, 106, 1159-1165.	0.9	5
97	Interrupting Prolonged Sitting with Intermittent Walking Increases Postprandial Gut Hormone Responses. Medicine and Science in Sports and Exercise, 2022, 54, 1183-1189.	0.2	5
98	Measurement of postprandial interleukin-6 by using a catheter: what does it tell us?. American Journal of Clinical Nutrition, 2009, 90, 1446-1447.	2.2	4
99	Arterio-venous differences in peripheral blood mononuclear cells across human adipose tissue and the effect of adrenaline infusion. International Journal of Obesity, 2012, 36, 1256-1258.	1.6	4
100	Effects of neuromuscular electrical stimulation on energy expenditure and postprandial metabolism in healthy men. Applied Physiology, Nutrition and Metabolism, 2022, 47, 27-33.	0.9	4
101	The Impact of Long-term Physical Inactivity on Adipose Tissue Immunometabolism. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 177-191.	1.8	4
102	Impact of a carbohydrateâ€“electrolyte drink on ingestive behaviour, affect and self-selected intensity during recreational exercise after 24-h fluid restriction. Appetite, 2013, 60, 5-12.	1.8	3
103	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.	0.7	3
104	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.	0.7	3
105	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.	1.1	3
106	Antioxidant vitamins and muscle soreness in humans: a brief review. Physical Therapy in Sport, 2001, 2, 141-148.	0.8	2
107	Anticipation of subsequent demanding exercise increases the expression of haem oxygenase-1 mRNA in human lymphocytes. Stress, 2008, 11, 79-82.	0.8	2
108	Can evolutionary mismatch help generate interest in health promotion messages?. Health Education Journal, 2018, 77, 515-526.	0.6	2

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109	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.	1.2	2
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.	0.7	2
111	Post-Exercise Protein Trial: Interactions between Diet and Exercise (PEPTIDE): study protocol for randomized controlled trial. Trials, 2014, 15, 459.	0.7	1
112	Response. Exercise and Sport Sciences Reviews, 2015, 43, 239.	1.6	0
113	Reply to SL Buckner et al.. American Journal of Clinical Nutrition, 2016, 103, 1556-1557.	2.2	0
114	Prior arm crank exercise has no effect on postprandial lipaemia in non-disabled adults. Applied Physiology, Nutrition and Metabolism, 2022, , .	0.9	0