

Glenn A Gaesser

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.

79 papers	2,691 citations	30 h-index	51 g-index
97 ext. papers	3,101 ext. citations	2.9 avg, IF	5.36 L-index

#	Paper	IF	Citations
79	The epidemiology of overweight and obesity: public health crisis or moral panic?. <i>International Journal of Epidemiology</i> , 2006 , 35, 55-60	7.8	436
78	Effect of exercise training intensity on abdominal visceral fat and body composition. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1863-72	1.2	216
77	Metabolic bases of excess post-exercise oxygen consumption. <i>Medicine and Science in Sports and Exercise</i> , 1984 , 16, 29-43	1.2	203
76	High-intensity interval training vs. moderate-intensity continuous exercise training in heart failure with preserved ejection fraction: a pilot study. <i>Journal of Applied Physiology</i> , 2015 , 119, 753-8	3.7	117
75	Carbohydrate quantity and quality in relation to body mass index. <i>Journal of the American Dietetic Association</i> , 2007 , 107, 1768-80		109
74	Effects of high-intensity interval training and moderate-intensity continuous training on endothelial function and cardiometabolic risk markers in obese adults. <i>Journal of Applied Physiology</i> , 2016 , 121, 279-88	3.7	84
73	Exercise and diet, independent of weight loss, improve cardiometabolic risk profile in overweight and obese individuals. <i>Physician and Sportsmedicine</i> , 2011 , 39, 87-97	2.4	73
72	Catecholamine release, growth hormone secretion, and energy expenditure during exercise vs. recovery in men. <i>Journal of Applied Physiology</i> , 2000 , 89, 937-46	3.7	71
71	The validity of regulating blood lactate concentration during running by ratings of perceived exertion. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 490-5	1.2	66
70	Rating of perceived exertion and blood lactate concentration during submaximal running. <i>Medicine and Science in Sports and Exercise</i> , 1994 , 26, 797-803	1.2	61
69	Gluten-free diet: imprudent dietary advice for the general population?. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 1330-1333	3.9	60
68	Intensity of exercise recovery, blood lactate disappearance, and subsequent swimming performance. <i>Journal of Sports Sciences</i> , 2008 , 26, 29-34	3.6	50
67	Exercise for prevention and treatment of cardiovascular disease, type 2 diabetes, and metabolic syndrome. <i>Current Diabetes Reports</i> , 2007 , 7, 14-9	5.6	50
66	Thinness and weight loss: beneficial or detrimental to longevity?. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1118-28	1.2	48
65	Kids are not little adults: what MET threshold captures sedentary behavior in children?. <i>European Journal of Applied Physiology</i> , 2016 , 116, 29-38	3.4	47
64	Association between insufficiently physically active and the prevalence of obesity in the United States. <i>Journal of Physical Activity and Health</i> , 2009 , 6, 1-5	2.5	47
63	Exercise training decreases the growth hormone (GH) response to acute constant-load exercise. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 669-76	1.2	46

62	Acute effects on cognitive performance following bouts of standing and light-intensity physical activity in a simulated workplace environment. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, 489-493	4.4	42
61	Physiological Responses to High-Intensity Interval Exercise Differing in Interval Duration. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 3326-35	3.2	39
60	Examination of different accelerometer cut-points for assessing sedentary behaviors in children. <i>PLoS ONE</i> , 2014 , 9, e90630	3.7	35
59	Comparison of Borg- and OMNI-RPE as markers of the blood lactate response to exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1348-52	1.2	35
58	A high-carbohydrate, high-fiber meal improves endothelial function in adults with the metabolic syndrome. <i>Diabetes Care</i> , 2006 , 29, 2313-5	14.6	34
57	Excess Postexercise Oxygen Consumption After High-Intensity and Sprint Interval Exercise, and Continuous Steady-State Exercise. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 3090-3097	3.2	33
56	Effects of continuous versus intermittent exercise, obesity, and gender on growth hormone secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4711-20	5.6	31
55	Response: lifestyle not weight should be the primary target. <i>International Journal of Epidemiology</i> , 2006 , 35, 81-82	7.8	31
54	Breaks in Sitting Time: Effects on Continuously Monitored Glucose and Blood Pressure. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2119-2130	1.2	30
53	Using a Verification Test for Determination of V[Combining Dot Above]O ₂ max in Sedentary Adults With Obesity. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 3432-8	3.2	30
52	Assessment of the aerosport TEEM 100 portable metabolic measurement system. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 509-15	1.2	30
51	Effects of Standing and Light-Intensity Walking and Cycling on 24-h Glucose. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2503-2511	1.2	30
50	The effect of exercise intensity on endothelial function in physically inactive lean and obese adults. <i>PLoS ONE</i> , 2014 , 9, e85450	3.7	29
49	Effects of exercise training intensity on nocturnal growth hormone secretion in obese adults with the metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1979-86	5.6	28
48	An intervention to reduce sitting and increase light-intensity physical activity at work: Design and rationale of the Stand & Move at Work group randomized trial. <i>Contemporary Clinical Trials</i> , 2017 , 53, 11-19	2.3	27
47	Validation of the SenseWear mini armband in children during semi-structure activity settings. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 41-5	4.4	27
46	V̇O ₂ max may not be reached during exercise to exhaustion above critical power. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1533-8	1.2	27
45	Fitness versus Fatness: Which Influences Health and Mortality Risk the Most?. <i>Current Sports Medicine Reports</i> , 2015 , 14, 327-32	1.9	24

44	Effects of fractionized and continuous exercise on 24-h ambulatory blood pressure. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2270-6	1.2	24
43	Walking and running economy: inverse association with peak oxygen uptake. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 2122-7	1.2	23
42	Validity and reliability of Nike + Fuelband for estimating physical activity energy expenditure. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015 , 7, 14	2.4	22
41	Comparisons of prediction equations for estimating energy expenditure in youth. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 35-40	4.4	20
40	Validity of SenseWear [®] Armband v5.2 and v2.2 for estimating energy expenditure. <i>Journal of Sports Sciences</i> , 2016 , 34, 1830-8	3.6	20
39	Oxygen uptake and ratings of perceived exertion at the lactate threshold and maximal fat oxidation rate in untrained adults. <i>European Journal of Applied Physiology</i> , 2011 , 111, 2063-8	3.4	19
38	Perspective: Refined Grains and Health: Genuine Risk, or Guilt by Association?. <i>Advances in Nutrition</i> , 2019 , 10, 361-371	10	17
37	Whole Grains, Refined Grains, and Cancer Risk: A Systematic Review of Meta-Analyses of Observational Studies. <i>Nutrients</i> , 2020 , 12,	6.7	15
36	Predictors of fat mass changes in response to aerobic exercise training in women. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 297-304	3.2	13
35	The effect of exercise training on biventricular myocardial strain in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2017 , 4, 356-359	3.7	10
34	The Health Risks of Obesity Have Been Exaggerated. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 218-221	1.2	10
33	Lifestyle Measures to Reduce Inflammation. <i>American Journal of Lifestyle Medicine</i> , 2012 , 6, 4-13	1.9	9
32	Cycling efficiency and energy cost of walking in young and older adults. <i>Journal of Applied Physiology</i> , 2018 , 124, 414-420	3.7	9
31	Accuracy of Neck Circumference in Classifying Overweight and Obese US Children. <i>ISRN Obesity</i> , 2014 , 2014, 781841		8
30	Obesity treatment: Weight loss versus increasing fitness and physical activity for reducing health risks. <i>IScience</i> , 2021 , 24, 102995	6.1	8
29	Weight Loss for the Obese: Panacea or Pound-Foolish?. <i>Quest</i> , 2004 , 56, 12-27	2.2	7
28	Effect of isotonic and isometric knee extension exercises on mechanical and electromyographical specificity of fatigue. <i>Isokinetics and Exercise Science</i> , 2002 , 10, 167-175	0.6	7
27	Rationale and design of Smart Walk: A randomized controlled pilot trial of a smartphone-delivered physical activity and cardiometabolic risk reduction intervention for African American women. <i>Contemporary Clinical Trials</i> , 2019 , 77, 46-60	2.3	7

26	Activity Energy Expenditure in Youth: Sex, Age, and Body Size Patterns. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S62-70	2.5	6
25	Effects of Glycemic Index and Cereal Fiber on Postprandial Endothelial Function, Glycemia, and Insulinemia in Healthy Adults. <i>Nutrients</i> , 2019 , 11,	6.7	6
24	Postexercise Hemodynamic Responses in Lean and Obese Men. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2292-2300	1.2	5
23	Effects of Low-Fat and High-Fat Meals, with and without Dietary Fiber, on Postprandial Endothelial Function, Triglyceridemia, and Glycemia in Adolescents. <i>Nutrients</i> , 2019 , 11,	6.7	5
22	Effects of carbohydrate supplementation on the RPE-blood lactate relationship. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1326-33	1.2	5
21	Heterogeneous vascular responses to lifestyle intervention in obese Latino adolescents. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 509-15	2.6	4
20	A Culturally Relevant Smartphone-Delivered Physical Activity Intervention for African American Women: Development and Initial Usability Tests of Smart Walk. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e15346	5.5	4
19	Body-mass index and all-cause mortality. <i>Lancet, The</i> , 2017 , 389, 2285	4.0	3
18	Enrollment Strategies, Barriers to Participation, and Reach of a Workplace Intervention Targeting Sedentary Behavior. <i>American Journal of Health Promotion</i> , 2019 , 33, 225-236	2.5	3
17	Evaluation of racial differences in resting and postprandial endothelial function in postmenopausal women matched for age, fitness and body composition. <i>Ethnicity and Disease</i> , 2013 , 23, 43-8	1.8	3
16	Pre-exercise cardiology screening guidelines for asymptomatic patients with diabetes. <i>Clinics in Sports Medicine</i> , 2009 , 28, 379-92	2.6	2
15	Does physical activity reduce the risk of cardiovascular disease in overweight and obese individuals?. <i>Current Cardiovascular Risk Reports</i> , 2007 , 1, 221-227	0.9	2
14	Center of mass motion and the effects of ankle bracing on metabolic cost during submaximal walking trials. <i>Journal of Orthopaedic Research</i> , 2006 , 24, 2170-5	3.8	2
13	Changes in the mechanical and electromyographic output during isotonic and isometric exercise in men and women. <i>Isokinetics and Exercise Science</i> , 2000 , 8, 119-127	0.6	2
12	Do Refined Grains Have a Place in a Healthy Dietary Pattern: Perspectives from an Expert Panel Consensus Meeting. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa125	0.4	2
11	Perspective: Does Glycemic Index Matter for Weight Loss and Obesity Prevention? Examination of the Evidence on "Fast" Compared with "Slow" Carbs. <i>Advances in Nutrition</i> , 2021 , 12, 2076-2084	1.0	2
10	THE QUANTITY AND QUALITY OF EXERCISE FOR HEALTHY ADULTS. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 917-920	1.2	1
9	Effects of indulgent food snacking, with and without exercise training, on body weight, fat mass, and cardiometabolic risk markers in overweight and obese men. <i>Physiological Reports</i> , 2021 , 9, e15118	2.6	0

8	Comparison of constant load exercise intensity for verification of maximal oxygen uptake following a graded exercise test in older adults. <i>Physiological Reports</i> , 2021 , 9, e15037	2.6	o
7	Effect Of Fat-sugar Snacking, With And Without Exercise Training, On Body Composition And Cardiometabolic Fitness. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 987-988	1.2	
6	Exercise and Diet Improve Cardiometabolic Risk in Overweight and Obese Individuals Without Weight Loss 2015 , 355-367		
5	Relationships Among Skeletal Muscle Satellite Cells, Capillarization, And Vo2peak In Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 75-76	1.2	
4	High-intensity interval exercise protects against postprandial endothelial dysfunction in obese adolescent males (LB662). <i>FASEB Journal</i> , 2014 , 28, LB662	0.9	
3	Cardiorespiratory Fitness and Adiposity do not Predict Vascular Reactivity in Sedentary Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 815	1.2	
2	Changes in Endothelial Function Following Fat Sugar Snacking With and Without Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 41	1.2	
1	Hemodynamic Response to Acute and Chronic Exercise in Obese and Lean Prehypertensive Men. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 325-326	1.2	