

CITATION REPORT

List of articles citing

The association between cardiorespiratory fitness and impaired fasting glucose and type 2 diabetes mellitus in men

DOI: 10.7326/0003-4819-130-2-199901190-00002
Annals of Internal Medicine, 1999, 130, 89-96.

Source: <https://exaly.com/paper-pdf/31074036/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
337	The sources of risk factor information for general practitioners: is physical activity under-recognised?. 1999 , 171, 601-3		10
336	Time to diagnosis and treatment of breast cancer: results from the National Breast and Cervical Cancer Early Detection Program, 1991-1995. 2000 , 90, 130-4		92
335	Combating sloth as well as gluttony: the role of physical fitness in mortality among men with type 2 diabetes. <i>Annals of Internal Medicine</i> , 2000 , 132, 669-70	8	3
334	Metabolic clustering, physical activity and fitness in nonsmoking, middle-aged men. 2000 , 32, 2079-86		68
333	The association between physical activity, physical fitness, and type 2 diabetes mellitus. 2000 , 26, 176-82		29
332	Examining the validity of exercise guidelines for the prevention of morbidity and all-cause mortality. 2000 , 22, 237-45		20
331	Oxidation of nonplasma fatty acids during exercise is increased in women with abdominal obesity. 2000 , 89, 2276-82		59
330	Physical activity and incident diabetes mellitus in postmenopausal women. 2000 , 90, 134-8		83
329	Glucose intolerance and physical inactivity: the relative importance of low habitual energy expenditure and cardiorespiratory fitness. 2000 , 152, 132-9		82
328	The Evidence for Lifestyle Modification in Lowering Blood Pressure in the Elderly. 2000 , 9, 27-33		4
327	Low fasting plasma glucose level as a predictor of cardiovascular disease and all-cause mortality. 2000 , 101, 2047-52		121
326	Effect of exercise on arterial compliance. 2000 , 102, 1214-5		40
325	Early recognition and treatment of glucose abnormalities to prevent type 2 diabetes mellitus and coronary heart disease. 2001 , 76, 1137-43		10
324	Medical management of obesity. 2001 , 81, 1025-38, v		28
323	Low prevalence of type 2 diabetes despite a high average body mass index in the Aymara natives from Chile. 2001 , 17, 305-9		53
322	Cardiorespiratory fitness and C-reactive protein among a tri-ethnic sample of women. 2002 , 106, 403-6		139
321	Evidence-Based Trends for Achieving Weight Loss and Increased Physical Activity: Applications for Diabetes Prevention and Treatment. 2002 , 15, 183-189		12

320	Hypertension and diabetes. 2002 , 16 Suppl 1, S56-60	8
319	Prevention Conference VI: Diabetes and Cardiovascular Disease: Writing Group III: risk assessment in persons with diabetes. 2002 , 105, e144-52	63
318	Substrate oxidation, obesity and exercise training. 2002 , 16, 667-78	35
317	AGA technical review on obesity. 2002 , 123, 882-932	195
316	[Epidemiology of diabetes and its non-coronary complications]. 2002 , 55, 657-70	73
315	Epidemiologã de la diabetes tipo 2 en Espaã. 2002 , 49, 113-126	17
314	Cardiovascular risk factors, change in risk factors over 7 years, and the risk of clinical diabetes mellitus type 2. The Troms;study. 2002 , 55, 647-53	16
313	Diabetes mellitus. 2002 , 19, 79-107	34
312	Action for health in diabetes: the look AHEAD clinical trial. 2002 , 2, 207-9	5
311	Fitness decreases risk of all-cause and cardiovascular disease mortality whereas thinness does not. 2002 , 2, 433-434	
310	The epidemiology of lifestyle and risk for type 2 diabetes. 2003 , 18, 1115-25	65
309	Meta-analysis of the effect of structured exercise training on cardiorespiratory fitness in Type 2 diabetes mellitus. 2003 , 46, 1071-81	387
308	The genetics of atherothrombotic disorders: a clinicianQ view. 2003 , 1, 1381-90	31
307	Preventing cardiovascular disease in diabetes and glucose intolerance: evidence and implications for care. 2003 , 30, 569-92	13
306	Evaluation of physical fitness in patients with Type 2 diabetes mellitus. 2003 , 60, 171-6	42
305	Influence of autonomic nervous system dysfunction on the development of type 2 diabetes: the CARDIA study. 2003 , 26, 3035-41	125
304	The Importance of Physical Activity and Cardiorespiratory Fitness for Patients With Type 2 Diabetes. 2003 , 16, 236-240	7
303	Heart rate recovery following maximal exercise testing as a predictor of cardiovascular disease and all-cause mortality in men with diabetes. 2003 , 26, 2052-7	140

302	Cardiorespiratory fitness and the incidence of type 2 diabetes: prospective study of Japanese men. 2003 , 26, 2918-22	120
301	Prospective investigation of autonomic nervous system function and the development of type 2 diabetes: the Atherosclerosis Risk In Communities study, 1987-1998. 2003 , 107, 2190-5	198
300	Long-term improvement in insulin sensitivity by changing lifestyles of people with impaired glucose tolerance: 4-year results from the Finnish Diabetes Prevention Study. 2003 , 52, 2532-8	166
299	Active lifestyle and diabetes. 2003 , 107, 2392-4	16
298	Cardiac rehabilitation following percutaneous revascularization, heart transplant, heart valve surgery, and for chronic heart failure. 2003 , 123, 2104-11	61
297	PGC-1alpha genotype modifies the association of volitional energy expenditure with [OV0312]O2max. 2003 , 35, 1998-2004	33
296	Is there any conclusive evidence that exercise alone reduces glucose intolerance?. 2003 , 3, S18-S23	
295	Physical training may enhance beta-cell function in type 2 diabetes. 2004 , 287, E1024-31	115
294	Prevention of Type 2 diabetes mellitus. A review of the evidence and its application in a UK setting. 2004 , 21, 403-14	55
293	Associations of fitness and fatness with mortality in Russian and American men in the lipids research clinics study. 2004 , 28, 1463-70	51
292	Metabolic syndrome and other factors associated with increased risk of diabetes. 2004 , 6 Suppl 3, S14-29	6
291	Walking velocity measured over 5 m as a basis of exercise prescription for the elderly: preliminary data from the Nakanojo Study. 2004 , 93, 217-23	22
290	Weight management through lifestyle modification for the prevention and management of type 2 diabetes: rationale and strategies: a statement of the American Diabetes Association, the North American Association for the Study of Obesity, and the American Society for Clinical Nutrition. 2004 , 27, 2067-73	362
289	The Seven-Sequence Intervention: Sedentary Adults on Their Way to Fitness and Health. 2004 , 12, 265-282	9
288	Prevention of type 2 diabetes: insulin resistance and beta-cell function. 2004 , 53 Suppl 3, S34-8	111
287	Does the association of habitual physical activity with the metabolic syndrome differ by level of cardiorespiratory fitness?. 2004 , 27, 1187-93	159
286	What is the relationship between exercise and metabolic abnormalities? A review of the metabolic syndrome. 2004 , 34, 371-418	201
285	Should the insulin resistance syndrome be treated in the elderly?. 2004 , 21, 141-51	11

284	Physical activity/exercise and type 2 diabetes. 2004 , 27, 2518-39	513
283	Exercise normalises overexpression of TNF-alpha in knockout mice. 2004 , 321, 179-82	85
282	The contribution of cardiorespiratory fitness and visceral fat to risk factors in Japanese patients with impaired glucose tolerance and type 2 diabetes mellitus. 2004 , 53, 644-9	20
281	Exercise training increases glycogen synthase activity and GLUT4 expression but not insulin signaling in overweight nondiabetic and type 2 diabetic subjects. 2004 , 53, 1233-42	143
280	C-Reactive protein is inversely related to physical fitness in middle-aged subjects. 2004 , 176, 173-9	79
279	Weight management through lifestyle modification for the prevention and management of type 2 diabetes: rationale and strategies. A statement of the American Diabetes Association, the North American Association for the Study of Obesity, and the American Society for Clinical Nutrition. 2004 , 36, 257-63	162
278	Reduced amount and disrupted temporal pattern of spontaneous exercise in diabetic rats. 2004 , 36, 1856-62	8
277	Effects of cardiorespiratory fitness on healthcare utilization. 2004 , 36, 2088-92	17
276	Obesity and cardiovascular disease: the role of diet and physical activity. 2004 , 24, 197-203	4
275	Physical activity and diabetes prevention. 2005 , 99, 1205-13	220
274	Cardiac rehabilitation and exercise training programs in metabolic syndrome and diabetes. 2005 , 25, 59-66	61
273	The new nutrition science: sustainability and development. 2005 , 8, 766-72	18
272	Cardiovascular disease risk factors in habitual exercisers, lean sedentary men and abdominally obese sedentary men. 2005 , 29, 1063-9	36
271	Alcohol consumption and other risk factors for self-reported diabetes among middle-aged Japanese: a population-based prospective study in the JPHC study cohort I. 2005 , 22, 323-31	130
270	Health promotion by means of health sport--a framework and a controlled intervention study with sedentary adults. 2005 , 15, 13-20	25
269	K/DOQI Clinical Practice Guidelines for Cardiovascular Disease in Dialysis Patients. 2005 , 45, 16-153	184
268	Is insulin resistance caused by defects in insulin target cells or by a stressed mind?. 2005 , 21, 487-94	22
267	Leisure time physical activity and the risk of type 2 diabetes in men and women from the general population. The MONICA/KORA Augsburg Cohort Study. 2005 , 48, 27-34	167

266	Modulation of extracellular matrix genes reflects the magnitude of physiological adaptation to aerobic exercise training in humans. 2005 , 3, 19		97
265	Our passive lifestyle, our toxic diet, and the atherogenic/diabetogenic metabolic syndrome: can we afford to be sedentary and unfit?. 2005 , 112, 453-5		101
264	Cardiorespiratory fitness, all-cause mortality, and risk of cardiovascular disease in Trinidadian men--the St James survey. 2005 , 34, 1387-94		18
263	Physical activity, physical fitness, and risk of type 2 diabetes mellitus. <i>Metabolic Syndrome and Related Disorders</i> , 2005 , 3, 35-44	2.6	7
262	PPARGC1A genotype (Gly482Ser) predicts exceptional endurance capacity in European men. 2005 , 99, 344-8		92
261	Epidemiological evidence for the role of physical activity in reducing risk of type 2 diabetes and cardiovascular disease. 2005 , 99, 1193-204		473
260	Cardiovascular fitness among U.S. adults: NHANES 1999-2000 and 2001-2002. 2005 , 37, 1324-8		33
259	Physical fitness and the metabolic syndrome in adults from the Quebec Family Study. 2005 , 30, 140-56		25
258	Physical activity in the prevention of type 2 diabetes: the Finnish diabetes prevention study. 2005 , 54, 158-65		434
257	Physical activity and diabetes risk in postmenopausal women. 2005 , 28, 19-25		61
256	Motivation for behavior change in patients with chest pain. 2005 , 105, 304-321		28
255	Fasting blood glucose levels are related to exercise capacity in patients with coronary artery disease. 2006 , 152, 486-92		16
254	Joint effects of physical activity and body weight on diabetes and cardiovascular disease. 2006 , 34, 10-5		27
253	Effect of high cardiorespiratory fitness and high body fat on insulin resistance. 2006 , 38, 1709-15		12
252	Association of leisure time physical activity and abdominal obesity with fasting serum insulin and 2-h postchallenge plasma glucose levels. 2006 , 23, 1025-8		14
251	Cardiovascular fitness and physical activity in children with and without impaired glucose tolerance. 2006 , 30, 45-9		10
250	Oligonucleotide microarray expression profiling: human skeletal muscle phenotype and aerobic exercise training. 2006 , 58, 15-24		12
249	Exercise, fitness, and cardiovascular disease risk in type 2 diabetes and the metabolic syndrome. 2006 , 6, 29-35		45

248	Combined work and leisure physical activity and risk of stroke in men and women in the European prospective investigation into Cancer-Norfolk Prospective Population Study. 2006 , 27, 122-9		30
247	Impact of exercise training on insulin sensitivity, physical fitness, and muscle oxidative capacity in first-degree relatives of type 2 diabetic patients. 2006 , 290, E998-1005		65
246	Cardiorespiratory fitness is an independent predictor of hypertension incidence among initially normotensive healthy women. 2006 , 163, 142-50		150
245	The association among autonomic nervous system function, incident diabetes, and intervention arm in the Diabetes Prevention Program. 2006 , 29, 914-9		150
244	Lifestyle management in the metabolic syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2006 , 4, 270-86	2.6	8
243	Diabetes Treatment, Part 1: Diet and Exercise. 2007 , 25, 105-109		18
242	Increase in physical activity energy expenditure is associated with reduced metabolic risk independent of change in fatness and fitness. 2007 , 30, 2101-6		95
241	Epidemiological studies of exercise in diabetes prevention. 2007 , 32, 583-95		47
240	A discordance in rosiglitazone mediated insulin sensitization and skeletal muscle mitochondrial content/activity in Type 2 diabetes mellitus. 2007 , 293, H2659-66		15
239	[Evidence-based guidelines for physical activity of adult Canadians]. 2007 , 32 Suppl 2F, S17-74		17
238	Physical activity of adult female rhesus monkeys (<i>Macaca mulatta</i>) across the menstrual cycle. 2007 , 292, E1520-5		9
237	Health benefits of tennis. 2007 , 41, 760-8		36
236	Physical Activity and Obesity: Their Interaction and Implications for Disease Risk and the Role of Physical Activity in Healthy Weight Management. 2007 , 1, 437-446		7
235	Physical Activity: The Role of Physical Activity and Fitness in the Prevention and Management of Type 2 Diabetes Mellitus. 2007 , 1, 344-350		1
234	Diabetes and obesity: part 1. 2007 , 30, 3145-51		7
233	Physical activity and health: Metabolic and cardiovascular issues. 2007 , 9, 50-64		11
232	Voluntary wheel running ameliorates vascular smooth muscle hyper-contractility in type 2 diabetic db/db mice. 2007 , 32, 711-20		13
231	Morbidity and mortality risk associated with an overweight BMI in older men and women. <i>Obesity</i> , 2007 , 15, 1827-40	8	130

230	Fatness, fitness, and insulin sensitivity among 7- to 9-year-old children. <i>Obesity</i> , 2007 , 15, 2135-44	8	37
229	Long-term effects of leisure time physical activity on risk of insulin resistance and impaired glucose tolerance, allowing for body weight history, in Danish men. 2007 , 24, 63-72		10
228	Who is maintaining weight in a middle-aged population in Sweden? A longitudinal analysis over 10 years. 2007 , 7, 108		25
227	The effectiveness of adding cognitive behavioural therapy aimed at changing lifestyle to managed diabetes care for patients with type 2 diabetes: design of a randomised controlled trial. 2007 , 7, 74		30
226	Evidence-informed physical activity guidelines for Canadian adults This article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism and the Canadian Journal of Public Health. It may be cited as Appl. Physiol. Nutr. Metab. 32(Suppl. 2E) or as Can. J. Public Health 98(Suppl. 2).. 2007 , 50, 538-44		104
225	Adiposity, physical fitness and incident diabetes: the physical activity longitudinal study. 2007 , 50, 538-44		111
224	Effect of type 2 diabetes mellitus on exercise intolerance and the physiological responses to exercise in peripheral arterial disease. 2007 , 50, 859-66		21
223	Can we out-run the diabetes epidemic?. 2007 , 50, 1113-5		11
222	Exercise for prevention and treatment of cardiovascular disease, type 2 diabetes, and metabolic syndrome. 2007 , 7, 14-9		50
221	Cardiorespiratory fitness and physical activity in youth with type 2 diabetes. 2008 , 9, 460-3		21
220	Required muscle mass for preventing lifestyle-related diseases in Japanese women. 2008 , 8, 291		11
219	The evidence for dietary prevention and treatment of cardiovascular disease. 2008 , 108, 287-331		230
218	Short-term aerobic exercise training in obese humans with type 2 diabetes mellitus improves whole-body insulin sensitivity through gains in peripheral, not hepatic insulin sensitivity. 2008 , 93, 771-8		81
217	Risk of exercise-induced hypoglycaemia in patients with type 2 diabetes on intensive insulin therapy: comparison of insulin glargine with NPH insulin as basal insulin supplement. 2008 , 81, 290-5		8
216	Cardiorespiratory fitness as a feature of metabolic syndrome in older men and women: the Dose-Responses to Exercise Training study (DRQ EXTRA). 2008 , 31, 1242-7		54
215	Targets for intervention in dyslipidemia in diabetes. 2008 , 31 Suppl 2, S241-8		39
214	Molecular correlates for maximal oxygen uptake and type 1 fibers. 2008 , 294, E1152-9		23
213	A prospective study of cardiorespiratory fitness and risk of type 2 diabetes in women. 2008 , 31, 550-5		131

212	Muscle-specific expression of PPARgamma coactivator-1alpha improves exercise performance and increases peak oxygen uptake. 2008 , 104, 1304-12	291
211	PGC-1alpha integrates insulin signaling, mitochondrial regulation, and bioenergetic function in skeletal muscle. 2008 , 283, 22464-72	90
210	The impact of body-mass index and steps per day on blood pressure and fasting glucose in older adults. 2008 , 16, 188-200	9
209	Reduced diabetic, hypertensive, and cholesterol medication use with walking. 2008 , 40, 433-43	29
208	How do fitness and adiposity relate to mortality in older adults?. 2008 , 18, 551-2	
207	Obesity and diabetes. 2008 , 21-49	1
206	Associations of cardiorespiratory fitness and obesity with risks of impaired fasting glucose and type 2 diabetes in men. 2009 , 32, 257-62	123
205	Type 2 diabetes in youth: a phenotype of poor cardiorespiratory fitness and low physical activity. 2009 , 4, 332-7	12
204	Body composition, cardiorespiratory fitness, and low-grade inflammation in middle-aged men and women. 2009 , 104, 240-6	45
203	Cardiovascular risk factors and coronary atherosclerosis in retired National Football League players. 2009 , 104, 805-11	27
202	Self glucose monitoring and physical exercise in diabetes. 2009 , 25 Suppl 1, S11-7	5
201	Physical activity/exercise training in type 2 diabetes. The role of the Italian Diabetes and Exercise Study. 2009 , 25 Suppl 1, S29-33	14
200	Ecodevelopmental contexts for preventing type 2 diabetes in Latino and other racial/ethnic minority populations. 2009 , 32, 89-105	56
199	Physical activity in cardiovascular disease prevention in patients with HIV/AIDS. 2009 , 3, 288-295	2
198	Leitlinie Körperliche Aktivität zur Sekundärprävention und Therapie kardiovaskulärer Erkrankungen. 2009 , 4, 1-44	26
197	Genetic basis of inter-individual variability in the effects of exercise on the alleviation of lifestyle-related diseases. 2009 , 587, 5577-84	24
196	Effects of lifestyle changes to reduce risks of diabetes and associated cardiovascular risks: results from large scale efficacy trials. <i>Obesity</i> , 2009 , 17 Suppl 3, S43-8	8 71
195	Energy balance and type 2 diabetes: a report from the Shanghai Women@ Health Study. 2009 , 19, 190-7	18

194	Low cardiorespiratory fitness in people at risk for type 2 diabetes: early marker for insulin resistance. 2009 , 1, 8	50
193	The Association Between Cardiorespiratory Fitness and Risk of All-Cause Mortality Among Women With Impaired Fasting Glucose or Undiagnosed Diabetes Mellitus. 2009 , 84, 780-786	72
192	Birth size, infant weight gain, and motor development influence adult physical performance. 2009 , 41, 1212-21	41
191	Supervised exercise in patients with impaired fasting glucose: impact on exercise capacity. 2009 , 19, 394-8	18
190	Physical fitness, activity, and insulin dynamics in early pubertal children. 2009 , 21, 63-76	18
189	Diagnosis, Classification, and Lifestyle Treatment of Diabetes. 2010 , 28, 79-86	14
188	Exercise and fitness are related to peripheral nervous system function in overweight adults. 2010 , 42, 1241-5	3
187	Daily physical activity enhances reactivity to insulin in skeletal muscle arterioles of hyperphagic Otsuka Long-Evans Tokushima Fatty rats. 2010 , 109, 1203-10	47
186	Fat oxidation, fitness and skeletal muscle expression of oxidative/lipid metabolism genes in South Asians: implications for insulin resistance?. 2010 , 5, e14197	78
185	Exercise and type 2 diabetes: American College of Sports Medicine and the American Diabetes Association: joint position statement. Exercise and type 2 diabetes. 2010 , 42, 2282-303	363
184	The role of mitochondria in the pathophysiology of skeletal muscle insulin resistance. 2010 , 31, 25-51	111
183	A critical appraisal of the prevalence and metabolic significance of brown adipose tissue in adult humans. 2010 , 299, E601-6	227
182	Long-term trends in cardiorespiratory fitness and the incidence of type 2 diabetes. 2010 , 33, 1353-7	55
181	Aptitude physique versus adiposité: impacts métaboliques respectifs chez le sujet avec une diminution de la tolérance au glucose ou un diabète de type 2. 2010 , 4, 673-680	2
180	Exercise and type 2 diabetes: the American College of Sports Medicine and the American Diabetes Association: joint position statement. 2010 , 33, e147-67	839
179	A systematic review of the evidence for Canada's Physical Activity Guidelines for Adults. 2010 , 7, 39	529
178	Falls among adults: the association of cardiorespiratory fitness and physical activity with walking-related falls. 2010 , 39, 15-24	53
177	Cardiorespiratory fitness and insulin sensitivity in overweight or obese subjects may be linked through intrahepatic lipid content. 2010 , 59, 1640-7	42

176	Dietary exercise as a novel strategy for the prevention and treatment of metabolic syndrome: effects on skeletal muscle function. 2011 , 2011, 676208	15
175	Obesity. 2011 , 1605-1632	4
174	High cardiorespiratory fitness is more beneficial in pre-diabetic men than women. 2011 , 66, 747-51	6
173	Cognitive-behavioral strategies to increase the adherence to exercise in the management of obesity. 2011 , 2011, 348293	133
172	Insulin resistance in Chileans of European and indigenous descent: evidence for an ethnicity x environment interaction. 2011 , 6, e24690	26
171	Cardiorespiratory fitness, adiposity, and serum 25-dihydroxyvitamin d levels in men. 2011 , 43, 266-71	20
170	Cardiovascular fitness levels among American workers. 2011 , 53, 1115-21	6
169	The association of physical inactivity with Type 2 diabetes among different ethnic groups. 2011 , 28, 668-72	20
168	Peroxisome proliferator-activated receptor delta (PPARD) genetic variation and type 2 diabetes in middle-aged Chinese women. 2011 , 75, 621-9	14
167	Current understanding of increased insulin sensitivity after exercise - emerging candidates. 2011 , 202, 323-35	70
166	Cardiorespiratory fitness in aging men and women: the DRQ EXTRA study. 2011 , 21, 679-87	32
165	Endothelial function after 10 days of bed rest in individuals at risk for type 2 diabetes and cardiovascular disease. 2011 , 96, 1000-9	13
164	Eingeschränkte Fitness vs. Adipositas. 2011 , 7, 9-14	1
163	âBewegung als MedikamentâIn der Therapie des Typ-2-Diabetes. 2011 , 7, 15-20	3
162	Physical inactivity and mortality risk. 2011 , 2011, 924945	46
161	Anthropometry and physical fitness in individuals with family history of type-2 diabetes mellitus: A comparative study. 2011 , 15, 327-30	9
160	Association of cardiorespiratory fitness with total, cardiovascular, and noncardiovascular mortality across 3 decades of follow-up in men and women. 2012 , 5, 358-64	25
159	Reducing the impact of diabetes: is prevention feasible today, or should we aim for better treatment?. 2012 , 31, 76-83	8

158	The current standard measure of cardiorespiratory fitness introduces confounding by body mass: the DRQ EXTRA study. 2012 , 36, 1135-40		30
157	Physical fitness is independently related to blood leptin concentration and insulin sensitivity index in male subjects with central adiposity. 2012 , 5, 91-103		3
156	Health-related physical fitness is associated with cardiovascular disease risk factors in Japanese Women and Men. 2012 , 57, 415-426		1
155	Meeting physical activity guidelines and musculoskeletal injury: the WIN study. 2012 , 44, 1986-92		17
154	Physical activity limitation as measured by accelerometry in pulmonary arterial hypertension. 2012 , 142, 1391-1398		49
153	Sports and exercise medicine in undergraduate training. 2012 , 380, 4-5		15
152	Changes in physical fitness predict improvements in modifiable cardiovascular risk factors independently of body weight loss in subjects with type 2 diabetes participating in the Italian Diabetes and Exercise Study (IDES). 2012 , 35, 1347-54		65
151	Associations of cardiorespiratory fitness and parental history of diabetes with risk of type 2 diabetes. 2012 , 95, 425-31		13
150	A review about the effect of life style modification on diabetes and quality of life. 2012 , 4, 185-90		20
149	Clustering of unhealthy behaviors in the aerobics center longitudinal study. 2012 , 13, 183-95		41
148	The association between midlife cardiorespiratory fitness levels and later-life dementia: a cohort study. <i>Annals of Internal Medicine</i> , 2013 , 158, 162-8	8	102
147	Lower cardiorespiratory fitness contributes to increased insulin resistance and fasting glycaemia in middle-aged South Asian compared with European men living in the UK. 2013 , 56, 2238-49		41
146	Etiology of insulin resistance in youth with type 2 diabetes. 2013 , 13, 81-8		40
145	Cardiometabolic risk in adolescents: associations with physical activity, fitness, and sleep. 2013 , 45, 121-31		42
144	Pathogenesis of type 2 diabetes in South Asians. 2013 , 169, R99-R114		45
143	Does Regular Exercise without Weight Loss Reduce Insulin Resistance in Children and Adolescents?. 2013 , 2013, 402592		22
142	Cardiorespiratory fitness, body mass index, and heart failure mortality in men: Cooper Center Longitudinal Study. 2013 , 6, 898-905		44
141	Modification of insulin sensitivity and glycemic control by activity and exercise. 2013 , 45, 1868-77		55

140	Physical fitness and risk for heart failure and coronary artery disease. 2013 , 6, 627-34		100
139	The relationship between insulin sensitivity and maximal oxygen uptake is confounded by method of adjustment for body composition. 2013 , 10, 530-5		4
138	The impact of race and higher socioeconomic status on cardiorespiratory fitness. 2013 , 45, 2286-91		9
137	Endurance exercise effects on cardiac hypertrophy in mice. 2013 , 25, 1525-7		5
136	Low levels of physical activity are associated with increased metabolic syndrome risk factors in Korean adults. 2013 , 37, 132-9		22
135	Glucose metabolism in discordant monozygotic twins for cardiorespiratory fitness. 2013 , 31, 77-82		3
134	Physical fitness for health. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2014 , 3, 377-384	0.5	6
133	Genetic variation in the peroxisome proliferator-activated receptor (PPAR) and peroxisome proliferator-activated receptor gamma co-activator 1 (PGC1) gene families and type 2 diabetes. 2014 , 78, 23-32		22
132	Association of multiple adiposity exposures and cardiorespiratory fitness with all-cause mortality in men: the Cooper Center Longitudinal Study. 2014 , 89, 772-80		5
131	Physical activity, ethnicity and cardio-metabolic health: does one size fit all?. 2014 , 232, 319-33		35
130	Waist circumference and cardiorespiratory fitness are independently associated with glucose tolerance and insulin resistance in obese women. 2014 , 39, 358-62		5
129	Common single nucleotide polymorphisms in the FNDC5 gene are associated with glucose metabolism but do not affect serum irisin levels in Japanese men with low fitness levels. 2014 , 63, 574-83		34
128	Reference values for cardiorespiratory fitness and incidence of type 2 diabetes. 2014 , 24, 25-30		11
127	The effects of high-intensity interval training on glucose regulation and insulin resistance: a meta-analysis. 2015 , 16, 942-61		289
126	Association between the PPARGC1A polymorphism and aerobic capacity in Japanese middle-aged men. 2015 , 54, 359-66		10
125	The associations of "fatness," "fitness," and physical activity with all-cause mortality in older adults: A systematic review. <i>Obesity</i> , 2015 , 23, 1944-56	8	22
124	Influence of cardiorespiratory fitness on PPARG mRNA expression using monozygotic twin case control. 2015 , 2015, 538732		4
123	Cardiorespiratory fitness and incident diabetes: the FIT (Henry Ford Exercise Testing) project. 2015 , 38, 1075-81		48

122	Endurance exercise: more pain, more metabolic gain. <i>Annals of Internal Medicine</i> , 2015 , 162, 385-6	8
121	The association between cardiorespiratory fitness and cardiovascular risk may be modulated by known cardiovascular risk factors. 2015 , 169, 916-923.e1	19
120	Association between cardiorespiratory fitness and the determinants of glycemic control across the entire glucose tolerance continuum. 2015 , 38, 921-9	36
119	Cardiorespiratory fitness and risk of type 2 diabetes mellitus: A 23-year cohort study and a meta-analysis of prospective studies. 2015 , 243, 131-7	50
118	Physical activity energy expenditure vs cardiorespiratory fitness level in impaired glucose metabolism. 2015 , 58, 2709-17	10
117	Obesity. 2016 , 1633-1659	5
116	Impact of Metformin on Exercise-Induced Metabolic Adaptations to Lower Type 2 Diabetes Risk. 2016 , 44, 4-11	37
115	Physical Fitness Among Swedish Military Conscripts and Long-Term Risk for Type 2 Diabetes Mellitus: A Cohort Study. <i>Annals of Internal Medicine</i> , 2016 , 164, 577-84	8 63
114	Association of Mediterranean diet and cardiorespiratory fitness with the development of pre-diabetes and diabetes: the Coronary Artery Risk Development in Young Adults (CARDIA) study. 2016 , 4, e000229	5
113	Lifestyle Issues: Exercise. 2016 , 353-373	1
112	Childhood fitness reduces the long-term cardiometabolic risks associated with childhood obesity. 2016 , 40, 1134-40	55
111	Fitness, adiposopathy, and adiposity are independent predictors of insulin sensitivity in middle-aged men without diabetes. 2016 , 72, 435-44	16
110	The Relationship Between Cardiorespiratory Fitness and Bone Mineral Density in Men: A Cross-sectional Study. 2016 , 91, 726-34	6
109	Physical activity prescription: a critical opportunity to address a modifiable risk factor for the prevention and management of chronic disease: a position statement by the Canadian Academy of Sport and Exercise Medicine. 2016 , 50, 1109-14	95
108	Time Spent Walking and Risk of Diabetes in Japanese Adults: The Japan Public Health Center-Based Prospective Diabetes Study. 2016 , 26, 224-32	5
107	Physical Activity Prescription: A Critical Opportunity to Address a Modifiable Risk Factor for the Prevention and Management of Chronic Disease: A Position Statement by the Canadian Academy of Sport and Exercise Medicine. 2016 , 26, 259-65	24
106	The association between midlife cardiorespiratory fitness and later life chronic kidney disease: The Cooper Center Longitudinal Study. 2016 , 89, 178-183	11
105	Exercise volume and aerobic fitness in young adults: the Midwest Exercise Trial-2. 2016 , 5, 183	4

104	Lifestyle Approaches and Glucose Intolerance. 2016 , 10, 406-416		1
103	Low Cardiorespiratory Fitness Is Associated with Markers of Insulin Resistance in Young, Normal Weight, Hispanic Women. <i>Metabolic Syndrome and Related Disorders</i> , 2016 , 14, 272-8	2.6	6
102	Use of exercise capacity to improve SCORE risk prediction model in asymptomatic adults. 2016 , 37, 2300-6		17
101	Exercise and diabetes: relevance and causes for response variability. 2016 , 51, 390-401		44
100	Aerobic fitness in late adolescence and the risk of early death: a prospective cohort study of 1.3 million Swedish men. 2016 , 45, 1159-1168		71
99	Fitness, Body Habitus, and the Risk of Incident Type 2 Diabetes Mellitus in Korean Men. 2016 , 117, 585-589		14
98	Predictors of Whole-Body Insulin Sensitivity Across Ages and Adiposity in Adult Humans. 2016 , 101, 626-34		39
97	Cardiorespiratory fitness, fatness and incident diabetes. 2017 , 134, 113-120		7
96	Cost-effectiveness of a lifestyle modification program in long-term survivors of hemopoietic stem cell transplantation. 2017 , 31, e13049		1
95	Combined Association of Cardiorespiratory Fitness and Body Fatness With Cardiometabolic Risk Factors in Older Norwegian Adults: The Generation 100 Study. 2017 , 1, 67-77		9
94	Exercise Capacity, Heart Failure Risk, and Mortality in Older Adults: The Health ABC Study. 2017 , 52, 144-153		9
93	Effects of multicomponent training on pulmonary function, functional capacity and quality of life in older adults with type 2 diabetes. 2017 , 13, 39-46		0
92	Barriers to Diet and Exercise among Nepalese Type 2 Diabetic Patients. 2017 , 2017, 1273084		17
91	Spousal cardiometabolic risk factors and incidence of type 2 diabetes: a prospective analysis from the English Longitudinal Study of Ageing. 2018 , 61, 1572-1580		12
90	The relationship of one-leg standing time with peripheral nerve function and clinical neuropathy in patients with type 2 diabetes. 2018 , 9, 243-256		2
89	Association of free-living physical activity measures with metabolic phenotypes in type 2 diabetes at the time of diagnosis. The Verona Newly Diagnosed Type 2 Diabetes Study (VNDS). 2018 , 28, 343-351		4
88	A systematic review and meta-analysis of cardiorespiratory fitness among Indigenous populations in North America and circumpolar Inuit populations. 2018 , 109, 71-81		2
87	Guidelines for Medical Evaluation and Exercise Testing in Persons with Diabetes Starting an Exercise Program. 2018 , 231-243		

86	Long-term Impact of Cardiorespiratory Fitness on Type 2 Diabetes Incidence: A Cohort Study of Japanese Men. 2018 , 28, 266-273	12
85	Development of type 2 diabetes mellitus in people with intermediate hyperglycaemia. 2018 , 10, CD012661	39
84	Exercise as precision medicine for insulin resistance and its progression to type 2 diabetes: a research review. 2018 , 10, 21	29
83	Importance of Achieving a "Fit" Cardiorespiratory Fitness Level for Several Years on the Incidence of Type 2 Diabetes Mellitus: A Japanese Cohort Study. 2018 , 28, 230-236	4
82	Exercise training modalities in patients with type 2 diabetes mellitus: a systematic review and network meta-analysis. 2018 , 15, 72	117
81	Visceral adipose tissue tracks more closely with metabolic dysfunction than intrahepatic triglyceride in lean Asians without diabetes. 2018 , 125, 909-915	8
80	Type 1 versus type 2 diabetes and thromboembolic risk in patients with atrial fibrillation: A Danish nationwide cohort study. 2018 , 268, 137-142	16
79	Predictability of cardiorespiratory fitness on the risk of developing metabolic syndrome and diabetes mellitus in Taiwan adults: Preliminary analysis of a cohort study. 2018 , 12, 541-546	4
78	Exercise capacity and clinical outcomes in adults followed in the Cooperative Study of Sickle Cell Disease (CSSCD). 2018 , 101, 532-541	5
77	Effectiveness of high-intensity interval training on glycemic control and cardiorespiratory fitness in patients with type 2 diabetes: a systematic review and meta-analysis. 2019 , 31, 575-593	38
76	Lifestyle Diabetes Prevention. 2019 , 148-159	3
75	High-intensity exercise to promote accelerated improvements in cardiorespiratory fitness (HI-PACE): study protocol for a randomized controlled trial. 2019 , 20, 484	1
74	Comparative Cardiorespiratory Fitness in Children: Racial Disparity May Begin Early in Childhood. 2019 , 40, 1183-1189	3
73	Intrinsic High Aerobic Capacity in Male Rats Protects Against Diet-Induced Insulin Resistance. 2019 , 160, 1179-1192	6
72	Physical Activity, Cardiorespiratory Fitness, and the Diabetes Spectrum. 2019 , 191-206	2
71	Physical Activity, Cardiorespiratory Fitness, and Obesity. 2019 , 229-250	
70	Association of Muscular Strength and Incidence of Type 2 Diabetes. 2019 , 94, 643-651	24
69	A Smart Dental Floss for Biosensing of Glucose. 2019 , 31, 791-796	5

68	The relationship between functional capacity and left ventricular strain in patients with uncomplicated type 2 diabetes. 2019 , 37, 1871-1876	11	
67	Association between physical activity and diabetic complications among Bangladeshi type 2 diabetic patients. 2019 , 13, 806-809	6	
66	Associations of Objectively Measured Vigorous Physical Activity With Body Composition, Cardiorespiratory Fitness, and Cardiometabolic Health in Youth: A Review. 2019 , 13, 61-97	22	
65	Cardiorespiratory fitness and survival following cancer diagnosis. 2020 , 2047487320930873	2	
64	Metformin May Contribute to Inter-individual Variability for Glycemic Responses to Exercise. 2020 , 11, 519	9	
63	Mitochondrial DNA copy number and diabetes: the Atherosclerosis Risk in Communities (ARIC) study. 2020 , 8,	4	
62	Grip Strength Cut Points for Diabetes Risk Among Apparently Healthy U.S. Adults. 2020 , 58, 757-765	9	
61	Impaired glucose control is associated with multiple cardiovascular impairments. 2020 , 40, 257-268	3	
60	Cardiorespiratory Fitness Is an Independent Predictor of Cardiovascular Morbidity and Mortality and Improves Accuracy of Prediction Models. 2021 , 37, 241-250	4	
59	Low-volume high-intensity interval training for cardiometabolic health. 2021 ,	14	
58	The Effect of a Single Bout of Continuous Aerobic Exercise on Glucose, Insulin and Glucagon Concentrations Compared to Resting Conditions in Healthy Adults: A Systematic Review, Meta-Analysis and Meta-Regression. 2021 , 51, 1949-1966	4	
57	Interaction between major dietary patterns and cardiorespiratory fitness on metabolic syndrome in Iranian adults: a cross-sectional study. 2021 , 20, 36	1	
56	The association between cardiorespiratory fitness, liver fat and insulin resistance in adults with or without type 2 diabetes: a cross-sectional analysis. 2021 , 13, 40	1	
55	RG Hyperparameter Optimization Approach for Improved Indirect Prediction of Blood Glucose Levels by Boosting Ensemble Learning. 2021 , 10, 1797	2	
54	Cardiorespiratory fitness assessment using risk-stratified exercise testing and dose-response relationships with disease outcomes. <i>Scientific Reports</i> , 2021 , 11, 15315	4-9	0
53	Lifestyle Issues: Exercise. 358-379	2	
52	Epidemiology of Diabetes and its Burden in the World and in the United States. 2004 , 107-121	1	
51	Metabolic Syndrome. 2008 , 33-50	1	

50	Obesity and Glucose Metabolism. 2015 , 107-119	1
49	Physical Activity Programs. 2016 , 121-127	3
48	Lifestyle Interventions to Stem the Tide of Type 2 Diabetes. 2017 , 103-112	3
47	Diabetes. 2002 , 165-190	2
46	The association between cardiorespiratory fitness and risk of all-cause mortality among women with impaired fasting glucose or undiagnosed diabetes mellitus. 2009 , 84, 780-6	30
45	Exercise, genetics and prevention of type 2 diabetes. 2006 , 42, 177-92	7
44	Effects of physical inactivity and obesity on morbidity and mortality: current evidence and research issues. 1999 , 31, S646-62	399
43	Shape Up America! Hosts Diabetes Conference. 2001 , 36, 266-271	1
42	Effect of 10 days of bedrest on metabolic and vascular insulin action: a study in individuals at risk for type 2 diabetes. 2010 , 108, 830-7	32
41	Physical activity and type 2 diabetes mellitus risk: population studies review. 2016 , 19, 486-493	1
40	Exercise is Medicine - The Importance of Physical Activity, Exercise Training, Cardiorespiratory Fitness and Obesity in the Prevention and Treatment of Type 2 Diabetes. 2014 , 10, 18-22	14
39	Cardiopulmonary fitness is independently associated with insulin resistance in non-diabetes mellitus patients of a university hospital in Korea. 2013 , 34, 139-44	5
38	Correction: Cardiorespiratory Fitness, Impaired Fasting Glucose, and Type 2 Diabetes. <i>Annals of Internal Medicine</i> , 1999 , 131, 394	8 1
37	Early detection of vascular disease in Type 2 Diabetes. 2003 , 19-37	
36	Opções terapêuticas atuais para diabetes mellitus tipo 2 e doença arterial coronariana: prevenção secundária intensiva focada no treinamento físico versus revascularização percutânea ou cirúrgica. <i>Revista Brasileira De Medicina Do Esporte</i> , 2004 , 10, 220-223	0.5
35	Achieving a Healthy Body Weight. 2005 , 43-56	
34	The Metabolic Syndrome: Identification and Management of the Patient at High Risk for Cardiovascular Disease. <i>Fundamental and Clinical Cardiology</i> , 2006 , 409-440	
33	Anthropometric Assessment. 2007 , 581-587	

32	The Role of Obesity in Insulin Resistance. 2008 , 37-55	
31	Guidelines for Exercise Testing in Diabetics Starting an Exercise Program. 2009 , 263-277	
30	Endurance Training. 2009 , 317-352	
29	The Metabolic Syndrome: 2009. 2011 , 137-163	
28	MAXIMAL OXYGEN UPTAKE OF PERSONS WHO HAVE NO HABITUAL EXERCISE. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2011 , 60, 147-154	0.1
27	Exercise for Restoring Health and Preventing Vascular Disease. 2011 , 541-551	0
26	Exercise intensity effective for primary prevention of hypertension, type 2 diabetes mellitus, and hyperlipidemia. <i>Japanese Journal of Health Promotion and Physical Therapy</i> , 2011 , 1, 3-11	0
25	Role of macrophages in exercise-induced enhancement of insulin sensitivity in skeletal muscle. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2013 , 2, 233-236	0.5
24	Physical Activity and Cardiovascular Diseases Epidemiology and Primary Preventive and Therapeutic Targets. 2013 , 127-144	
23	Sport und Gesundheit. 2013 , 655-696	4
22	Molecular Aspects of Dietary Exercise Regimen for the Prevention of Metabolic Syndrome. 461-473	
21	Preventivní kardiologie v praxi. <i>Cor Et Vasa</i> , 2013 , 55, 692-697	0.3
20	Exercise Strategies for the Prevention and Treatment of Obesity in Children. <i>The Korean Journal of Obesity</i> , 2014 , 23, 156	
19	EXERCISE CAPACITY AND MORTALITY IN VETERANS WITH AND WITHOUT TYPE-2 DIABETES: AN ANALYSIS USING PROPENSITY MATCHING. <i>Acta Endocrinologica</i> , 2017 , 13, 378-384	0.9
18	Physical Activity for Weight Management. 2019 , 379-393	
17	Relationship between Smartphone Use Time, Sitting Time, and Fitness Level in University Students. 2020 , 29, 170-177	
16	Relationship between Smartphone Use Time, Sitting Time, and Fitness Level in University Students. 2020 , 29, 170-177	0
15	Association of Estimated Cardiorespiratory Fitness in Midlife With Cardiometabolic Outcomes and Mortality. <i>JAMA Network Open</i> , 2021 , 4, e2131284	10.4 2

14	Resting heart rate as a biomarker for tracking change in cardiorespiratory fitness of UK adults: The Fenland Study.		7
13	Exercise Training in Diabetes Mellitus: An Efficient but Underused Therapeutic Option in the Prevention and Treatment of Coronary Artery Disease. 2007 , 138-141		
12	The UK Biobank submaximal cycle ergometer test for assessment of cardiorespiratory fitness: Validity, reliability, and association with disease outcomes.		
11	Cardiorespiratory fitness levels and its correlates among adults with diabetes. <i>Cardiopulmonary Physical Therapy Journal</i> , 2013 , 24, 27-34	1	4
10	Vibration exercise decreases insulin resistance and modulates the insulin signaling pathway in a type 2 diabetic rat model. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 13136-44		6
9	Can Time Efficient Exercise Improve Cardiometabolic Risk Factors in Type 2 Diabetes? A Pilot Study. <i>Journal of Sports Science and Medicine</i> , 2016 , 15, 308-13	2.7	16
8	Age- and Sex-Specific Differences in Distribution of Cardiometabolic Diseases and Associations of Hand-Grip Strength Indices with Type 2 Diabetes in Korean Adults.. <i>Metabolic Syndrome and Related Disorders</i> , 2022 ,	2.6	0
7	High-intensity training elicits greater improvements in cardio-metabolic and reproductive outcomes than moderate-intensity training in women with polycystic ovary syndrome: a randomized clinical trial.. <i>Human Reproduction</i> , 2022 ,	5.7	1
6	Effects of exercise on NAFLD using non-targeted metabolomics in adipose tissue, plasma, urine, and stool.. <i>Scientific Reports</i> , 2022 , 12, 6485	4.9	4
5	Resting Heart Rate Is a Biomarker of Cardiorespiratory Fitness: The Fenland Study. <i>SSRN Electronic Journal</i> ,	1	
4	The associations between health-related physical fitness and fasting blood glucose in war veterans: a population-based study.. <i>Scientific Reports</i> , 2022 , 12, 6997	4.9	0
3	Effects of chronic metformin treatment on training adaptations in men and women with hyperglycemia: A prospective study.. <i>Obesity</i> , 2022 ,	8	1
2	A Randomized Trial of the Effects of Dietary n3-PUFAs on Skeletal Muscle Function and Acute Exercise Response in Healthy Older Adults. 2022 , 14, 3537		0
1	Physiological relationship between cardiorespiratory fitness and fitness for surgery: a narrative review. 2022 ,		0