Effects of Aerobic and Resistance Training on Hemoglob Patients With Type 2 Diabetes

JAMA - Journal of the American Medical Association

304, 2253

DOI: 10.1001/jama.2010.1710

Citation Report

#	Article	IF	Citations
1	Combined Aerobic and Resistance Exercise for Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2010, 304, 2298.	3.8	11
3	Aging and Exercise. Clinics in Geriatric Medicine, 2011, 27, 661-671.	1.0	46
4	Exercise and Type 2 diabetes: the metabolic benefits and challenges. Diabetes Management, 2011, 1, 575-587.	0.5	1
5	Exercise and T2DMâ€"move muscles more often!. Nature Reviews Endocrinology, 2011, 7, 189-190.	4.3	20
6	Benefits of a home-based physical exercise program in elderly subjects with type 2 diabetes mellitus. EndocrinologÃa Y NutriciÃ³n (English Edition), 2011, 58, 387-394.	0.5	17
7	Aerobic and resistance training effects compared to aerobic training alone in obese type 2 diabetic patients on diet treatment. Diabetes Research and Clinical Practice, 2011, 94, 395-403.	1.1	47
8	Diet or diet plus physical activity versus usual care in patients with newly diagnosed type 2 diabetes: the Early ACTID randomised controlled trial. Lancet, The, 2011, 378, 129-139.	6.3	249
9	Diet and exercise for new-onset type 2 diabetes?. Lancet, The, 2011, 378, 101-102.	6.3	11
10	Diet or diet plus physical activity in patients with early type 2 diabetes. Lancet, The, 2011, 378, 2066.	6.3	3
11	Diet or diet plus physical activity in patients with early type 2 diabetes â€“ Authors' reply. Lancet, The, 2011, 378, 2067-2068.	6.3	0
12	American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for Developing a Diabetes Mellitus Comprehensive Care Plan. Endocrine Practice, 2011, 17, 1-53.	1.1	387
13	Physical inactivity is associated with earlier mortality â€" the evidence is incontrovertible. British Journal of General Practice, 2011, 61, 719.3-720.	0.7	8
14	Resistance and Aerobic Training Best for Type 2 Diabetes. American Journal of Nursing, 2011, 111, 57.	0.2	0
15	Effects of Aerobic and Resistance Training on Hemoglobin A1c Levels in Patients With Type 2 Diabetes: A Randomized Controlled Trial. Yearbook of Medicine, 2011, 2011, 535-536.	0.1	0
16	Effects of Aerobic and Resistance Training on Hemoglobin A1c Levels in Patients With Type 2 Diabetes: A Randomized Controlled Trial. Yearbook of Endocrinology, 2011, 2011, 5-6.	0.0	0
17	Dyslipidemia Intervention in Metabolic Syndrome: Emphasis on Improving Lipids and Clinical Event Reduction. American Journal of the Medical Sciences, 2011, 341, 388-393.	0.4	27
18	Exercise in Obesity, Metabolic Syndrome, and Diabetes. Progress in Cardiovascular Diseases, 2011, 53, 412-418.	1.6	143
19	El consejo dietÃ©tico intensivo, con o sin actividad fÃsica, mejora el control glucÃ©mico y reduce el peso y la necesidad de medicaciÃ³n mÃ¡s que el cuidado habitual en dibÃ©ticos tipo 2 reciÃ©n diagnosticados. FMC Formacion Medica Continuada En Atencion Primaria, 2011, 18, 601.	0.0	0

#	Article	IF	Citations
20	Comparison of Aerobic Versus Resistance Exercise Training Effects on Metabolic Syndrome (from the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Journal of Cardiology, 2011, 108, 838-844.	0.7	178
21	Low Testosterone in Men with Type 2 Diabetes: Significance and Treatment. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2341-2353.	1.8	262
22	Genetic Predictors of Exercise Training Response. Current Cardiovascular Risk Reports, 2011, 5, 368-372.	0.8	3
23	Effect of an Intensive Exercise Intervention Strategy on Modifiable Cardiovascular Risk Factors in Subjects with Type 2 Diabetes Mellitus. Current Cardiovascular Risk Reports, 2011, 5, 481-483.	0.8	6
25	Physical Activity in the Prevention of Chronic Kidney Disease. CardioRenal Medicine, 2011, 1, 164-173.	0.7	50
26	Exercise in the Management of Type 2 Diabetes Mellitus: What are the Benefits and how does it Work?. Physician and Sportsmedicine, 2011, 39, 98-106.	1.0	23
27	Physical Activity Advice Only or Structured Exercise Training and Association With HbA_{1c}Levels in Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2011, 305, 1790.	3.8	992
28	Exercise Interventions and Glycemic Control in Patients With Diabetesâ€"Reply. JAMA - Journal of the American Medical Association, 2011, 306, .	3.8	1
29	Prescribing Exercise for Individuals with Type 2 Diabetes: Recommendations and Precautions. Physician and Sportsmedicine, 2011, 39, 13-26.	1.0	14
30	A Review of Resistance Exercise Training in Obese Adolescents. Physician and Sportsmedicine, 2011, 39, 50-63.	1.0	18
31	Exercise Interventions and Glycemic Control in Patients With Diabetes. JAMA - Journal of the American Medical Association, 2011, 306, 607.	3.8	6
32	Aerobic and Resistance Training for Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2011, 305, 891.	3.8	2
33	Metabolic deterioration of the sedentary control group in clinical trials. Journal of Applied Physiology, 2011, 111, 1211-1217.	1.2	7
34	Type 2 Diabetes Mellitus. , 2012, , 1489-1499.		1
35	Effect of Exercise Training Modality on C-Reactive Protein in Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2012, 44, 1028-1034.	0.2	27
36	Trial of Prevention and Reduction of Obesity Through Active Living in Clinical Settings. Archives of Internal Medicine, 2012, 172, 414.	4.3	59
37	Physical activity: the forgotten tool for type 2 diabetes management. Frontiers in Endocrinology, 2012, 3, 70.	1.5	32
38	Effects of an aerobic and resistance training program on functional capacity and glucose regulation in patients with heart failure and diabetes. Cardiovascular Endocrinology, 2012, 1, 43-48.	0.8	0

#	Article	IF	Citations
39	Cardiac Rehabilitation 2012. Circulation, 2012, 125, e369-73.	1.6	75
40	Prolonged exercise training increases intramuscular lipid content and perilipin 2 expression in type I muscle fibers of patients with type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1158-E1165.	1.8	58
41	Evaluation of the Performance and Stability of a Novel A1c-Cellular Control. Journal of Diabetes Science and Technology, 2012, 6, 483-485.	1.3	0
42	Metabolic Effects of Aerobic Training and Resistance Training in Type 2 Diabetic Subjects. Diabetes Care, 2012, 35, 676-682.	4.3	177
43	Development and Evaluation of the DECIDE to Move! Physical Activity Educational Video. The Diabetes Educator, 2012, 38, 855-859.	2.6	2
44	The Effect of Exercise Training Modality on Serum Brain Derived Neurotrophic Factor Levels in Individuals with Type 2 Diabetes. PLoS ONE, 2012, 7, e42785.	1.1	51
45	Progress in Obesity Research. JAMA - Journal of the American Medical Association, 2012, 308, 1162.	3.8	15
46	Resistance Training and Older Adults with Type 2 Diabetes Mellitus: Strength of the Evidence. Journal of Aging Research, 2012, 2012, 1-12.	0.4	42
47	Effects of Muscular Strength on Cardiovascular Risk Factors and Prognosis. Journal of Cardiopulmonary Rehabilitation and Prevention, 2012, 32, 351-358.	1.2	325
48	Writing More Specific Exercise Prescriptions. Archives of Internal Medicine, 2012, 172, 1283.	4.3	3
49	Meeting Physical Activity Guidelines and Musculoskeletal Injury. Medicine and Science in Sports and Exercise, 2012, 44, 1986-1992.	0.2	24
50	Physical Activity Advice Only or Structured Exercise Training and Association With HbA1c Levels in Type 2 Diabetes: A Systematic Review and Meta-analysis. Yearbook of Sports Medicine, 2012, 2012, 212-214.	0.0	1
51	Effects of supervised exercise on lipid profiles and blood pressure control in people with type 2 diabetes mellitus: A meta-analysis of randomized controlled trials. Diabetes Research and Clinical Practice, 2012, 98, 349-360.	1.1	127
52	Low Macrophage Accumulation in Skeletal Muscle of Obese Type 2 Diabetics and Elderly Subjects. Obesity, 2012, 20, 1530-1533.	1.5	41
54	Accuracy of continuous glucose monitoring system during exercise in Type 2 Diabetes. Journal of Science and Medicine in Sport, 2012, 15, S199.	0.6	0
56	Physical activity level and exercise in patients with diabetes mellitus. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira (English Edition), 2012, 58, 215-221.	0.1	9
57	Standards of Medical Care in Diabetesâ€”2012. Diabetes Care, 2012, 35, S11-S63.	4.3	1,956
58	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). Diabetes Care, 2012, 35, 1347-1354.	4.3	81

#	Article	IF	Citations
59	Effects of aerobic and/or resistance training on body mass and fat mass in overweight or obese adults. Journal of Applied Physiology, 2012, 113, 1831-1837.	1.2	282
60	A Prospective Study of Weight Training and Risk of Type 2 Diabetes Mellitus in Men. Archives of Internal Medicine, 2012, 172, 1306.	4.3	149
61	Acute effects of brisk walking on affect and psychological well-being in individuals with type 2 diabetes. Diabetes Research and Clinical Practice, 2012, 95, 25-29.	1.1	24
62	The effect of 12 weeks of aerobic, resistance or combination exercise training on cardiovascular risk factors in the overweight and obese in a randomized trial. BMC Public Health, 2012, 12, 704.	1.2	209
63	Exercise Training and Habitual Physical Activity. American Journal of Preventive Medicine, 2012, 43, 629-635.	1.6	19
64	STimulant Reduction Intervention using Dosed Exercise (STRIDE) â€“ Description of the exercise intervention and behavioral program to ensure adherence. Mental Health and Physical Activity, 2012, 5, 175-182.	0.9	13
65	The effects of resistance training on ApoB/ApoA-I ratio, Lp(a) and inflammatory markers in patients with type 2 diabetes. Endocrine, 2012, 42, 561-569.	1.1	45
66	High E/eâ€² disrupts the rapid lowering of blood glucose in response to exercise training. Journal of Echocardiography, 2012, 10, 119-124.	0.4	0
67	Accuracy of continuous glucose monitoring system during exercise in type 2 diabetes. Diabetes Research and Clinical Practice, 2012, 98, e36-e39.	1.1	13
68	The Use of Thermal Infrared Imaging to Assess the Efficacy of a Therapeutic Exercise Program in Individuals with Diabetes. Diabetes Technology and Therapeutics, 2012, 14, 159-167.	2.4	13
69	Combined exercise for people with type 2 diabetes mellitus: A systematic review. Diabetes Research and Clinical Practice, 2012, 98, 187-198.	1.1	50
70	Effect of High- versus Low-Intensity Supervised Aerobic and Resistance Training on Modifiable Cardiovascular Risk Factors in Type 2 Diabetes; The Italian Diabetes and Exercise Study (IDES). PLoS ONE, 2012, 7, e49297.	1.1	93
71	Differences in the Acute Effects of Aerobic and Resistance Exercise in Subjects with Type 2 Diabetes: Results from the RAED2 Randomized Trial. PLoS ONE, 2012, 7, e49937.	1.1	39
72	Type 2 Diabetes Mellitus. , 2012, , e95-e108.		2
73	Efeito do treinamento combinado e aerÃ³bio no controle glicÃªmico no diabetes tipo 2. Fisioterapia Em Movimento, 2012, 25, 399-409.	0.4	3
76	Efficacy of fiveâ€element gymnastics in glucose and lipid control in taiwanese patients with type 2 diabetes. Research in Nursing and Health, 2012, 35, 419-429.	0.8	6
77	Glycaemic control is improved by 7 days of aerobic exercise training in patients with type 2 diabetes. Diabetologia, 2012, 55, 1417-1423.	2.9	65
78	Comparison of strength development with resistance training and combined exercise training in type 2 diabetes. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, e45-54.	1.3	21

#	Article	IF	Citations
79	Exercise prescription for patients with type 2 diabetes and pre-diabetes: A position statement from Exercise and Sport Science Australia. Journal of Science and Medicine in Sport, 2012, 15, 25-31.	0.6	183
80	What are the health benefits of physical activity in type 1 diabetes mellitus? A literature review. Diabetologia, 2012, 55, 542-551.	2.9	332
81	Relationship of exercise volume to improvements of quality of life with supervised exercise training in patients with type 2 diabetes in a randomised controlled trial: the Italian Diabetes and Exercise Study (IDES). Diabetologia, 2012, 55, 579-588.	2.9	65
82	Categorical Analysis of the Impact of Aerobic and Resistance Exercise Training, Alone and in Combination, on Cardiorespiratory Fitness Levels in Patients With Type 2 Diabetes. Diabetes Care, 2013, 36, 3305-3312.	4.3	38
83	Changes in Body Fat Distribution and Fitness Are Associated With Changes in Hemoglobin A1c After 9 Months of Exercise Training. Diabetes Care, 2013, 36, 2843-2849.	4.3	30
84	How to simultaneously optimize muscle strength, power, functional capacity, and cardiovascular gains in the elderly: an update. Age, 2013, 35, 2329-2344.	3.0	66
85	Physically active vs. inactive lifestyle, muscle properties, and glucose homeostasis in middle-aged and older twins. Age, 2013, 35, 1917-1926.	3.0	26
87	Effects of Exercise Dose and Type During Breast Cancer Chemotherapy: Multicenter Randomized Trial. Journal of the National Cancer Institute, 2013, 105, 1821-1832.	3.0	231
88	ActivitÃ© physique et diabÃ¨te. Canadian Journal of Diabetes, 2013, 37, S403-S408.	0.4	1
89	Physical Activity and Diabetes. Canadian Journal of Diabetes, 2013, 37, S40-S44.	0.4	152
90	Exercise and the autonomic nervous system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 117, 147-160.	1.0	119
91	Different types of resistance training in type 2 diabetes mellitus: effects on glycaemic control, muscle mass and strength. European Journal of Preventive Cardiology, 2013, 20, 1051-1060.	0.8	50
92	Exercise Training and Quality of Life in Individuals With Type 2 Diabetes. Diabetes Care, 2013, 36, 1884-1890.	4.3	74
93	Resistance training improves indices of muscle insulin sensitivity and Î²-cell function in overweight/obese, sedentary young men. Journal of Applied Physiology, 2013, 115, 1245-1253.	1.2	45
94	Caffeine and glucose homeostasis during rest and exercise in diabetes mellitus. Applied Physiology, Nutrition and Metabolism, 2013, 38, 813-822.	0.9	14
95	Impact of Behavioral Interventions in the Management of Adults with Type 2 Diabetes Mellitus. Current Diabetes Reports, 2013, 13, 860-868.	1.7	5
96	The influence of physical activity on vascular complications and mortality in patients with type 2 diabetes mellitus. Diabetes, Obesity and Metabolism, 2013, 15, 1008-1012.	2.2	57
98	Muscle-Strengthening Activities and Participation Among Adults in the United States. Research Quarterly for Exercise and Sport, 2013, 84, 30-38.	0.8	64

#	Article	IF	Citations
99	Predicting Aerobic Fitness Improvements after Participation in a Hybrid Supervised and Home-Based Exercise Program in People with Type 2 Diabetes. Canadian Journal of Diabetes, 2013, 37, 388-393.	0.4	10
101	Metabolic effects of aloe vera gel complex in obese prediabetes and early non-treated diabetic patients: Randomized controlled trial. Nutrition, 2013, 29, 1110-1114.	1.1	61
102	Physical Activity Clinical Practice Guidelines: What's New in 2013?. Canadian Journal of Diabetes, 2013, 37, 363-366.	0.4	7
103	The Alberta Diabetes and Physical Activity Trial (ADAPT):A Randomized Trial Evaluating Theory-Based Interventions to Increase Physical Activity in Adults with Type 2 Diabetes. Annals of Behavioral Medicine, 2013, 45, 45-56.	1.7	43
104	Toward Exercise as Personalized Medicine. Sports Medicine, 2013, 43, 157-165.	3.1	107
105	The differential antiâ€inflammatory effects of exercise modalities and their association with early carotid atherosclerosis progression in patients with TypeÂ2 diabetes. Diabetic Medicine, 2013, 30, e41-50.	1.2	99
106	Exercise Prescription in the Treatment of Type 2 Diabetes Mellitus. Sports Medicine, 2013, 43, 39-49.	3.1	95
107	Independent and Combined Association of Muscle Strength and Cardiorespiratory Fitness in Youth With Insulin Resistance and Î²-Cell Function in Young Adulthood. Diabetes Care, 2013, 36, 2575-2581.	4.3	71
108	Nine Months of Combined Training Improves Ex Vivo Skeletal Muscle Metabolism in Individuals With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1694-1702.	1.8	104
109	Physical activity in obesity and metabolic syndrome. Annals of the New York Academy of Sciences, 2013, 1281, 141-159.	1.8	194
110	Standards of Medical Care in Diabetesâ€”2013. Diabetes Care, 2013, 36, S11-S66.	4.3	3,076
111	Volume of supervised exercise training impacts glycaemic control in patients with type 2 diabetes: a systematic review with meta-regression analysis. Diabetologia, 2013, 56, 242-251.	2.9	170
112	Pancreatic Î²-cell Function Is a Stronger Predictor of Changes in Glycemic Control After an Aerobic Exercise Intervention Than Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4176-4186.	1.8	66
113	Effect of adiposity on insulin action after acute and chronic resistance exercise in non-diabetic women. European Journal of Applied Physiology, 2013, 113, 2933-2941.	1.2	14
114	Aerobic exercise but not resistance exercise reduces intrahepatic lipid content and visceral fat and improves insulin sensitivity in obese adolescent girls: a randomized controlled trial. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1222-E1229.	1.8	129
116	Exercise-based Smoking Cessation Interventions among Women. Women's Health, 2013, 9, 69-84.	0.7	25
117	Transcultural Diabetes Nutrition Algorithm: A Malaysian Application. International Journal of Endocrinology, 2013, 2013, 1-7.	0.6	15
118	Community-Based Physical Activity Interventions for Treatment of Type 2 Diabetes: A Systematic Review with Meta-Analysis. Frontiers in Endocrinology, 2013, 4, 3.	1.5	49

#	Article	IF	Citations
119	Exercise for Hepatic Fat Accumulation in Type 2 Diabetic Subjects. International Journal of Endocrinology, 2013, 2013, 1-5.	0.6	6
120	Impact of lifestyle modification on glycemic control in patients with type 2 diabetes mellitus. Indian Journal of Endocrinology and Metabolism, 2013, 17, 1030.	0.2	34
121	Effect of Exercise on Metabolic Syndrome Variables in Breast Cancer Survivors. International Journal of Endocrinology, 2013, 2013, 1-8.	0.6	48
122	Resistance Training for Metabolic Syndrome. Strength and Conditioning Journal, 2013, 35, 68-71.	0.7	0
123	Modification of Insulin Sensitivity and Glycemic Control by Activity and Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1868-1877.	0.2	65
124	Natriuretic peptides and fat metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 645-649.	1.3	30
125	Exercise and 24-h Glycemic Control. Medicine and Science in Sports and Exercise, 2013, 45, 628-635.	0.2	51
126	Effects of Exercise Alone on Insulin Sensitivity and Glucose Tolerance in Obese Youth. Diabetes and Metabolism Journal, 2013, 37, 225.	1.8	27
127	Resistance Training for Metabolic Syndrome. Strength and Conditioning Journal, 2013, 35, 64-67.	0.7	0
128	Insulin Responsiveness in Metabolic Syndrome after Eight Weeks of Cycle Training. Medicine and Science in Sports and Exercise, 2013, 45, 2021-2029.	0.2	27
129	Resistance Training for Diabetes Prevention and Therapy: Experimental Findings and Molecular Mechanisms. BioMed Research International, 2013, 2013, 1-8.	0.9	73
130	A prospective randomized longitudinal study involving 6 months of endurance or resistance exercise. Conduit artery adaptation in humans. Journal of Physiology, 2013, 591, 1265-1275.	1.3	81
131	Type 2 diabetes sits in a chair. Diabetes, Obesity and Metabolism, 2013, 15, 987-992.	2.2	24
132	Is Physical Exercise a Core Therapeutical Element for Most Patients With Type 2 Diabetes?. Diabetes Care, 2013, 36, S149-S154.	4.3	25
133	Physical Activity, Cardiorespiratory Fitness, and Exercise Training in Primary and Secondary Coronary Prevention. Circulation Journal, 2013, 77, 281-292.	0.7	272
134	Physical Activity and the Science of Successful Aging. Kinesiology Review, 2013, 2, 29-38.	0.4	5
135	The Influence of Hyperglycemia on the Therapeutic Effect of Exercise on Glycemic Control in Patients With Type 2 Diabetes Mellitus. JAMA Internal Medicine, 2013, 173, 1834.	2.6	50
136	Exercise for the Management of Diabetes Mellitus: A Review of the Evidence. Journal of Enam Medical College, 2013, 3, 99-108.	0.1	1

#	Article	IF	Citations
137	Aerobic and Combined Exercise Sessions Reduce Glucose Variability in Type 2 Diabetes: Crossover Randomized Trial. PLoS ONE, 2013, 8, e57733.	1.1	47
138	Determinants of the Changes in Glycemic Control with Exercise Training in Type 2 Diabetes: A Randomized Trial. PLoS ONE, 2013, 8, e62973.	1.1	13
139	Role of Exercise in the Management of Diabetes Mellitus: the Global Scenario. PLoS ONE, 2013, 8, e80436.	1.1	73
140	High Intensity Interval Training in a Real World Setting: A Randomized Controlled Feasibility Study in Overweight Inactive Adults, Measuring Change in Maximal Oxygen Uptake. PLoS ONE, 2014, 9, e83256.	1.1	102
141	Effects of exercise training on mitochondrial function in patients with type 2 diabetes. World Journal of Diabetes, 2014, 5, 482.	1.3	15
142	The effects of progressive resistance training combined with a whey-protein drink and vitamin D supplementation on glycaemic control, body composition and cardiometabolic risk factors in older adults with type 2 diabetes: study protocol for a randomized controlled trial. Trials, 2014, 15, 431.	0.7	17
143	The Transcultural Diabetes Nutrition Algorithm: A Canadian Perspective. International Journal of Endocrinology, 2014, 2014, 1-12.	0.6	10
144	Muscle-Strengthening and Conditioning Activities and Risk of Type 2 Diabetes: A Prospective Study in Two Cohorts of US Women. PLoS Medicine, 2014, 11, e1001587.	3.9	111
146	Implementation of Resources to Support Patient Physical Activity through Diabetes Centres in Nova Scotia: The Effectiveness of Enhanced Support for Exercise Participation. Canadian Journal of Diabetes, 2014, 38, 423-431.	0.4	7
147	Identifying persons at risk for developing type 2 diabetes in a concentrated population of high risk ethnicities in Canada using a risk assessment questionnaire and point-of-care capillary blood HbA1cmeasurement. BMC Public Health, 2014, 14, 929.	1.2	13
148	Aerobic and Strength Training in Concomitant Metabolic Syndrome and Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2014, 46, 1293-1301.	0.2	49
149	RESISTANCE TRAINING AND METABOLIC SYNDROME. ACSM's Health and Fitness Journal, 2014, 18, 24-29.	0.3	3
150	Management of Type 2 Diabetes Mellitus in Self-Motivated Patients: Optimized Diet, Exercise, and Medication for Weight Loss and Cardiometabolic Fitness. Physician and Sportsmedicine, 2014, 42, 49-59.	1.0	6
151	PGC1Î±â^'1 Nucleosome Position and Splice Variant Expression and Cardiovascular Disease Risk in Overweight and Obese Individuals. PPAR Research, 2014, 2014, 1-7.	1.1	5
152	Efficacy of interventions that include diet, aerobic and resistance training components for type 2 diabetes prevention: a systematic review with meta-analysis. International Journal of Behavioral Nutrition and Physical Activity, 2014, 11, 2.	2.0	100
153	Resistance Exercise Versus Aerobic Exercise for Type 2 Diabetes: A Systematic Review and Meta-Analysis. Sports Medicine, 2014, 44, 487-499.	3.1	236
154	SLC30A8 Nonsynonymous Variant Is Associated With Recovery Following Exercise and Skeletal Muscle Size and Strength. Diabetes, 2014, 63, 363-368.	0.3	20
155	The Role of Exercise and Physical Activity in Weight Loss and Maintenance. Progress in Cardiovascular Diseases, 2014, 56, 441-447.	1.6	555

#	Article	IF	Citations
157	Physical Activity and Health in Women. American Journal of Lifestyle Medicine, 2014, 8, 144-158.	0.8	5
158	The older patient with diabetes: a practical approach. Diabetes/Metabolism Research and Reviews, 2014, 30, 88-95.	1.7	9
159	Cardiovascular Effects of Intensive Lifestyle Intervention in Type 2 Diabetes. Current Atherosclerosis Reports, 2014, 16, 457.	2.0	30
160	Metabolic Syndrome and Hypertension: Regular Exercise as Part of Lifestyle Management. Current Hypertension Reports, 2014, 16, 492.	1.5	37
161	Subgroup effects in a randomised trial of different types and doses of exercise during breast cancer chemotherapy. British Journal of Cancer, 2014, 111, 1718-1725.	2.9	55
162	The immediate effects of a single bout of aerobic exercise on oral glucose tolerance across the glucose tolerance continuum. Physiological Reports, 2014, 2, e12114.	0.7	42
163	The PULSE (Prevention Using LifeStyle Education) trial protocol: a randomised controlled trial of a Type 2 Diabetes Prevention programme for men. Contemporary Clinical Trials, 2014, 39, 132-144.	0.8	13
164	Effects of Moderate- Versus High-Intensity Exercise Training on Physical Fitness and Physical Function in People With Type 2 Diabetes: A Randomized Clinical Trial. Physical Therapy, 2014, 94, 1720-1730.	1.1	21
165	Effects of weight management by exercise modes on markers of subclinical atherosclerosis and cardiometabolic profile among women with abdominal obesity: a randomized controlled trial. BMC Cardiovascular Disorders, 2014, 14, 82.	0.7	25
166	A conceptual model for worksite intelligent physical exercise training - IPET - intervention for decreasing life style health risk indicators among employees: a randomized controlled trial. BMC Public Health, 2014, 14, 652.	1.2	45
167	Impact of different training modalities on glycaemic control and blood lipids in patients with type 2 diabetes: a systematic review and network meta-analysis. Diabetologia, 2014, 57, 1789-1797.	2.9	184
168	Standards of Medical Care in Diabetesâ€”2014. Diabetes Care, 2014, 37, S14-S80.	4.3	3,893
169	The Obesity Paradox in Diabetes. Current Cardiology Reports, 2014, 16, 446.	1.3	51
170	Exercise as medicine â€“ evidence for prescribing exercise as therapy in 26 different chronic diseases. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 1-72.	1.3	2,111
171	American Association Of Clinical Endocrinologists And American College Of Endocrinology -Clinical Practice Guidelines For Developing A Diabetes Mellitus Comprehensive Care Plan â€“ 2015. Endocrine Practice, 2015, 21, 1-87.	1.1	443
173	Effect of 12 Weeks of Periodized Resistance Training Upon Total Plasma Adiponectin Concentration in Healthy Young Men. Journal of Strength and Conditioning Research, 2015, 29, 3097-3104.	1.0	4
175	The Italian Diabetes and Exercise Study 2 (IDES-2): a long-term behavioral intervention for adoption and maintenance of a physically active lifestyle. Trials, 2015, 16, 569.	0.7	12
176	Modeling Percentile Rank of Cardiorespiratory Fitness Across the Lifespan. Cardiopulmonary Physical Therapy Journal, 2015, 26, 108-113.	0.2	9

#	Article	IF	Citations
177	Physical activity as a treatment of non-alcoholic fatty liver disease: A systematic review. World Journal of Hepatology, 2015, 7, 2041.	0.8	55
178	Association between Changes in Muscle Quality with Exercise Training and Changes in Cardiorespiratory Fitness Measures in Individuals with Type 2 Diabetes Mellitus: Results from the HART-D Study. PLoS ONE, 2015, 10, e0135057.	1.1	14
179	Therapeutic Approaches to Combatting Hypermetabolism in Severe Burn Injuries. Journal of Intensive and Critical Care, 2015, 01, .	0.2	8
180	Supervised exercise training reduces oxidative stress and cardiometabolic risk in adults with type 2 diabetes: a randomized controlled trial. Scientific Reports, 2015, 5, 9238.	1.6	45
182	Volume-dependent effect of supervised exercise training on fatty liver and visceral adiposity index in subjects with type 2 diabetes The Italian Diabetes Exercise Study (IDES). Diabetes Research and Clinical Practice, 2015, 109, 355-363.	1.1	31
183	Assessing and targeting key lifestyle cardiovascular risk factors at the workplace: Effect on hemoglobin A1c levels. Annals of Medicine, 2015, 47, 605-614.	1.5	6
184	Skeletal Muscle to Pancreatic Î²-Cell Cross-talk: The Effect of Humoral Mediators Liberated by Muscle Contraction and Acute Exercise on Î²-Cell Apoptosis. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1289-E1298.	1.8	39
185	Workaholism, Exercise, and Stress-Related Illness. Journal of Workplace Behavioral Health, 2015, 30, 393-406.	0.8	5
186	Effects of Endurance and Endurance Strength Training on Body Composition and Physical Capacity in Women with Abdominal Obesity. Obesity Facts, 2015, 8, 175-187.	1.6	59
187	4. Foundations of Care: Education, Nutrition, Physical Activity, Smoking Cessation, Psychosocial Care, and Immunization. Diabetes Care, 2015, 38, S20-S30.	4.3	218
188	Positive effects of Nordic Walking on anthropometric and metabolic variables in women with type 2 diabetes mellitus. Science and Sports, 2015, 30, 25-32.	0.2	19
189	Theory-based approach for maintaining resistance training in older adults with prediabetes: adherence, barriers, self-regulation strategies, treatment fidelity, costs. Translational Behavioral Medicine, 2015, 5, 149-159.	1.2	13
190	Metabolic Effects of Exercise Training Among Fitness-Nonresponsive Patients With Type 2 Diabetes: The HART-D Study. Diabetes Care, 2015, 38, 1494-1501.	4.3	62
191	Moving Beyond Cardio: The Value of Resistance Training, Balance Training, and Other Forms of Exercise in the Management of Diabetes. Diabetes Spectrum, 2015, 28, 14-23.	0.4	12
192	Exercise Strategies to Optimize Glycemic Control in Type 2 Diabetes: A Continuing Glucose Monitoring Perspective. Diabetes Spectrum, 2015, 28, 24-31.	0.4	39
193	Effect of circuit resistance training on glycemic control of females with diabetes Type II. International Journal of Preventive Medicine, 2015, 6, 34.	0.2	8
194	Aerobic, Resistance, and Cognitive Exercise Training Poststroke. Stroke, 2015, 46, 2012-2016.	1.0	42
195	The role of CaMKII in diabetic heart dysfunction. Heart Failure Reviews, 2015, 20, 589-600.	1.7	30

#	Article	IF	Citations
196	The effects of aerobic, resistance, and combination training on insulin sensitivity and secretion in overweight adults from STRRIDE AT/RT: a randomized trial. Journal of Applied Physiology, 2015, 118, 1474-1482.	1.2	64
197	A randomized controlled exercise training trial on insulin sensitivity in African American men: The ARTIIS study. Contemporary Clinical Trials, 2015, 43, 75-82.	0.8	3
198	Weight Loss Versus Behavioral Change as the Primary Goal in Clinical Practice. American Journal of Lifestyle Medicine, 2015, 9, 272-274.	0.8	0
199	Benefits of a 12-week lifestyle modification program including diet and combined aerobic and resistance exercise on albuminuria in diabetic and non-diabetic Japanese populations. Clinical and Experimental Nephrology, 2015, 19, 1079-1089.	0.7	10
200	Effect of combined training versus aerobic training alone on glucose control and risk factors for complications in type 2 diabetic patients: a meta-analysis. International Journal of Diabetes in Developing Countries, 2015, 35, 524-532.	0.3	4
201	Electrical Myostimulation (EMS) Improves Glucose Metabolism and Oxygen Uptake in Type 2 Diabetes Mellitus Patientsâ€"Results from the EMS Study. Diabetes Technology and Therapeutics, 2015, 17, 413-419.	2.4	29
203	Association Between Cardiorespiratory Fitness and the Determinants of Glycemic Control Across the Entire Glucose Tolerance Continuum. Diabetes Care, 2015, 38, 921-929.	4.3	49
204	BUILD STRENGTH, BOOST MOOD, REDUCE SYMPTOMS. ACSM's Health and Fitness Journal, 2015, 19, 9-13.	0.3	3
205	Fostering Healthy Lifestyles in the African American Population. Health Education and Behavior, 2015, 42, 109-116.	1.3	5
206	Effects of exercise training on HbA_{1c} and VO_{2peak} in patients with type 2 diabetes and coronary artery disease: A randomised clinical trial. Diabetes and Vascular Disease Research, 2015, 12, 325-333.	0.9	38
207	Update on Prevention of Cardiovascular Disease in Adults With Type 2 Diabetes Mellitus in Light of Recent Evidence. Circulation, 2015, 132, 691-718.	1.6	303
208	Evidence-based practice guideline for the treatment for diabetes in Japan 2013. Diabetology International, 2015, 6, 151-187.	0.7	65
209	A randomized trial comparing the effect of weight loss and exercise training on insulin sensitivity and glucose metabolism in coronary artery disease. Metabolism: Clinical and Experimental, 2015, 64, 1298-1307.	1.5	11
210	Exercise as a Polypill for Chronic Diseases. Progress in Molecular Biology and Translational Science, 2015, 135, 497-526.	0.9	71
211	A transcriptional signature of â€œexercise resistanceâ€•in skeletal muscle of individuals with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2015, 64, 999-1004.	1.5	31
212	Update on Prevention of Cardiovascular Disease in Adults With Type 2 Diabetes Mellitus in Light of Recent Evidence: A Scientific Statement From the American Heart Association and the American Diabetes Association. Diabetes Care, 2015, 38, 1777-1803.	4.3	346
213	Exercise as Medicine: Key Concepts in Discussing Physical Activity with Patients who have Type 2 Diabetes. Canadian Journal of Diabetes, 2015, 39, S129-S133.	0.4	30
214	Heart rate deflection point as an alternative method to identify the anaerobic threshold in patients with type 2 diabetes. Apunts Medicine De L'Esport, 2015, 50, 123-128.	0.5	15

#	Article	IF	Citations
215	The intervention composed of aerobic training and non-exercise physical activity (I-CAN) study: Rationale, design and methods. Contemporary Clinical Trials, 2015, 45, 435-442.	0.8	5
216	Resistance to the Beneficial Effects of Exercise in Type 2 Diabetes: Are Some Individuals Programmed to Fail?. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 43-52.	1.8	87
217	Weight training, aerobic physical activities, and long-term waist circumference change in men. Obesity, 2015, 23, 461-467.	1.5	44
218	Indirect effects of decompression surgery on glycemic homeostasis in patients with Type 2 diabetes mellitus and lumbar spinal stenosis. Spine Journal, 2015, 15, 25-33.	0.6	12
219	Lifestyle Intervention. Medical Clinics of North America, 2015, 99, 69-85.	1.1	9
220	Effects of exercise training using resistance bands on glycaemic control and strength in type 2 diabetes mellitus: a meta-analysis of randomised controlled trials. Acta Diabetologica, 2015, 52, 221-230.	1.2	30
221	Effect of combined aerobic and resistance training versus aerobic training on arterial stiffness. International Journal of Cardiology, 2015, 178, 69-76.	0.8	50
222	Personalized Preventive Medicine: Genetics and the Response to Regular Exercise in Preventive Interventions. Progress in Cardiovascular Diseases, 2015, 57, 337-346.	1.6	57
223	Effects on training and detraining on physical function, control of diabetes and anthropometrics in type 2 diabetes; a randomized controlled trial. Physiotherapy Theory and Practice, 2015, 31, 83-88.	0.6	19
224	The impact of duration on effectiveness of exercise, the implication for periodization of training and goal setting for individuals who are overfat, a meta-analysis. Biology of Sport, 2016, 33, 309-333.	1.7	30
225	Exercising Tactically for Taming Postmeal Glucose Surges. Scientifica, 2016, 2016, 1-10.	0.6	24
226	Time Course of Exercise Trainingâ€“Induced Muscle Strength Changes in Type 2 Diabetes. Cardiopulmonary Physical Therapy Journal, 2016, 27, 133-139.	0.2	0
227	Increased Muscular 5Î±-Dihydrotestosterone in Response to Resistance Training Relates to Skeletal Muscle Mass and Glucose Metabolism in Type 2 Diabetic Rats. PLoS ONE, 2016, 11, e0165689.	1.1	20
228	TGF-Î² Contributes to Impaired Exercise Response by Suppression of Mitochondrial Key Regulators in Skeletal Muscle. Diabetes, 2016, 65, 2849-2861.	0.3	62
229	Physical Fitness and Risk for Type 2 Diabetes Mellitus: Reducing Risk at Any Weight. Annals of Internal Medicine, 2016, 164, 620.	2.0	3
230	American Association of Clinical Endocrinologists and American College of Endocrinology Comprehensive Clinical Practice Guidelines For Medical Care of Patients with Obesity. Endocrine Practice, 2016, 22, 1-203.	1.1	952
231	Consensus Statement By The American Association Of Clinical Endocrinologists And American College Of Endocrinology On The Comprehensive Type 2 Diabetes Management Algorithm â€“ 2016 EXECUTIVE SUMMARY. Endocrine Practice, 2016, 22, 84-113.	1.1	405
233	The Individual, Joint, and Additive Interaction Associations of Aerobic-Based Physical Activity and Muscle Strengthening Activities on Metabolic Syndrome. International Journal of Behavioral Medicine, 2016, 23, 707-713.	0.8	22

#	Article	IF	Citations
234	Factores de riesgo cardiovascular y actividad fÃsica. EMC - Kinesiterapia - Medicina FÃsica, 2016, 37, 1-7.	0.1	4
235	The effectiveness of regular leisure-time physical activities on long-term glycemic control in people with type 2 diabetes: A systematic review and meta-analysis. Diabetes Research and Clinical Practice, 2016, 113, 77-85.	1.1	65
236	Combined Aerobic and Resistance Training Effects on Glucose Homeostasis, Fitness, and Other Major Health Indices: A Review of Current Guidelines. Sports Medicine, 2016, 46, 1809-1818.	3.1	28
237	Exercise resistance across the prediabetes phenotypes: Impact on insulin sensitivity and substrate metabolism. Reviews in Endocrine and Metabolic Disorders, 2016, 17, 81-90.	2.6	25
238	The effect of different volumes of high-intensity interval training on proinsulin in participants with the metabolic syndrome: a randomised trial. Diabetologia, 2016, 59, 2308-2320.	2.9	38
239	Potential Effects on Cardiorespiratory and Metabolic Status After a Concurrent Strength and Endurance Training Program in Diabetes Patients â€" a Randomized Controlled Trial. Sports Medicine - Open, 2016, 2, 31.	1.3	17
240	Importance of Assessing Cardiorespiratory Fitness in Clinical Practice: A Case for Fitness as a Clinical Vital Sign: A Scientific Statement From the American Heart Association. Circulation, 2016, 134, e653-e699.	1.6	1,423
241	Community-Based Culturally Preferred Physical Activity Intervention Targeting Populations at High Risk for Type 2 Diabetes: Results and Implications. Canadian Journal of Diabetes, 2016, 40, 561-569.	0.4	3
242	Fattori di rischio cardiovascolare e attivitÃ fisica. EMC - Medicina Riabilitativa, 2016, 23, 1-6.	0.0	0
243	Physical Activity/Exercise and Diabetes: A Position Statement of the American Diabetes Association. Diabetes Care, 2016, 39, 2065-2079.	4.3	1,610
244	Implementing intelligent physical exercise training at the workplace: health effects among office workersâ€"a randomized controlled trial. European Journal of Applied Physiology, 2016, 116, 1433-1442.	1.2	33
245	Effects of different exercise programs and minimal detectable changes in hemoglobin A1c in patients with type 2 diabetes. Diabetology and Metabolic Syndrome, 2016, 8, 13.	1.2	12
246	Effects of clinically significant weight loss with exercise training on insulin resistance and cardiometabolic adaptations. Obesity, 2016, 24, 812-819.	1.5	57
247	3. Foundations of Care and Comprehensive Medical Evaluation. Diabetes Care, 2016, 39, S23-S35.	4.3	144
248	Lifestyle Therapy for Diabetes Mellitus. , 2016, , 221-243.		3
249	Cardiorespiratory Fitness and Atherosclerosis: Recent Data and Future Directions. Current Atherosclerosis Reports, 2016, 18, 26.	2.0	11
250	Practical Approaches to Prescribing Physical Activity and Monitoring Exercise Intensity. Canadian Journal of Cardiology, 2016, 32, 514-522.	0.8	64
251	Endurance, interval sprint, and resistance exercise training: impact on microvascular dysfunction in type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H337-H350.	1.5	56

#	Article	IF	Citations
252	Exercise and diabetes: relevance and causes for response variability. Endocrine, 2016, 51, 390-401.	1.1	65
253	Exercise and type 2 diabetes: focus on metabolism and inflammation. Immunology and Cell Biology, 2016, 94, 146-150.	1.0	182
254	Effects of aerobic training, resistance training, or both on cardiorespiratory and musculoskeletal fitness in adolescents with obesity: the HEARTY trial. Applied Physiology, Nutrition and Metabolism, 2016, 41, 255-265.	0.9	46
255	In Search of the Ideal Resistance Training Program to Improve Glycemic Control and its Indication for Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. Sports Medicine, 2016, 46, 67-77.	3.1	66
256	Neuromuscular dysfunction in type 2 diabetes: underlying mechanisms and effect of resistance training. Diabetes/Metabolism Research and Reviews, 2016, 32, 40-50.	1.7	57
257	Obesity and diabetes: An update. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2017, 11, 73-79.	1.8	194
258	Benefits of a Paleolithic diet with and without supervised exercise on fat mass, insulin sensitivity, and glycemic control: a randomized controlled trial in individuals with type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2017, 33, e2828.	1.7	113
259	Inter-Individual Responses of Maximal Oxygen Uptake to Exercise Training: A Critical Review. Sports Medicine, 2017, 47, 1501-1513.	3.1	70
260	Long-term effects of daily postprandial physical activity on blood glucose: a randomized controlled trial. Applied Physiology, Nutrition and Metabolism, 2017, 42, 430-437.	0.9	6
261	Physical Activity and Abnormal Blood Glucose Among Healthy Weight Adults. American Journal of Preventive Medicine, 2017, 53, 42-47.	1.6	17
262	Effects of an adapted cardiac rehabilitation programme on arterial stiffness in patients with type 2 diabetes without cardiac disease diagnosis. Diabetes and Vascular Disease Research, 2017, 14, 104-112.	0.9	5
263	Resistance training to improve type 2 diabetes: working toward a prescription for the future. Nutrition and Metabolism, 2017, 14, 24.	1.3	74
264	Adaptations with Intermittent Exercise Training in Post- and Premenopausal Women. Medicine and Science in Sports and Exercise, 2017, 49, 96-105.	0.2	26
265	Association of physiological and psychological health outcomes with physical activity and sedentary behavior in adults with type 2 diabetes. BMJ Open Diabetes Research and Care, 2017, 5, e000306.	1.2	11
266	Resistance training is associated with spontaneous changes in aerobic physical activity but not overall diet quality in adults with prediabetes. Physiology and Behavior, 2017, 177, 49-56.	1.0	15
267	Exercise in type 2 diabetes: genetic, metabolic and neuromuscular adaptations. A review of the evidence. British Journal of Sports Medicine, 2017, 51, 1533-1538.	3.1	57
268	Pre-Training Muscle Characteristics of Subjects Who Are Obese Determine How Well Exercise Training Will Improve Their Insulin Responsiveness. Journal of Strength and Conditioning Research, 2017, 31, 798-808.	1.0	5
269	Racial and ethnic differences in treatment outcomes among adults with stimulant use disorders after a dosed exercise intervention. Journal of Ethnicity in Substance Abuse, 2017, 16, 495-510.	0.6	8

#	Article	IF	Citations
270	F inding the O ptimal volume and intensity of R esistance T raining E xercise for Type 2 Diabetes: The FORTE Study, a Randomized Trial. Diabetes Research and Clinical Practice, 2017, 130, 98-107.	1.1	20
271	Declining Skeletal Muscle Function in Diabetic Peripheral Neuropathy. Clinical Therapeutics, 2017, 39, 1085-1103.	1.1	47
272	Effects of Exercise on Type 2 Diabetes Mellitus-Related Cognitive Impairment andÂDementia. Journal of Alzheimer's Disease, 2017, 59, 503-513.	1.2	29
273	Strength Training and the Risk of Type 2 Diabetes and Cardiovascular Disease. Medicine and Science in Sports and Exercise, 2017, 49, 40-46.	0.2	71
274	Resistance Training for Glycemic Control, Muscular Strength, and Lean Body Mass in Old Type 2 Diabetic Patients: A Meta-Analysis. Diabetes Therapy, 2017, 8, 459-473.	1.2	72
275	Aerobic Exercise Training Modalities and Prediabetes Risk Reduction. Medicine and Science in Sports and Exercise, 2017, 49, 403-412.	0.2	31
276	Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive type 2 Diabetes Management Algorithm â€“ 2017 Executive Summary. Endocrine Practice, 2017, 23, 207-238.	1.1	362
277	Exercise and Sports Medicine Issues in Underserved Populations. Primary Care - Clinics in Office Practice, 2017, 44, 141-154.	0.7	0
278	Clinical outcomes and glycaemic responses to different aerobic exercise training intensities in type II diabetes: a systematic review and meta-analysis. Cardiovascular Diabetology, 2017, 16, 37.	2.7	94
279	The Pathophysiology of Hyperglycemia in Older Adults: Clinical Considerations. Diabetes Care, 2017, 40, 444-452.	4.3	122
280	4. Lifestyle Management. Diabetes Care, 2017, 40, S33-S43.	4.3	253
281	High-intensity exercise training does not influence body weight but improves lipid oxidation in obese adults: a 6-week RCT. BMJ Open Sport and Exercise Medicine, 2017, 3, e000283.	1.4	10
282	Exercise training response heterogeneity: physiological and molecular insights. Diabetologia, 2017, 60, 2329-2336.	2.9	109
283	The Effects of Chronic Aerobic Exercise on Cardiovascular Risk Factors in Persons with Diabetes Mellitus. Current Diabetes Reports, 2017, 17, 97.	1.7	34
284	Relationship between family history of type 2 diabetes and serum <scp>FGF</scp>21. European Journal of Clinical Investigation, 2017, 47, 853-859.	1.7	7
285	Orcein-Related Small Molecule O4 Destabilizes hIAPP Protofibrils by Interacting Mostly with the Amyloidogenic Core Region. Journal of Physical Chemistry B, 2017, 121, 9203-9212.	1.2	30
286	Exercise training: The under developed elixir vitae of chronic disease?. Diabetes and Vascular Disease Research, 2017, 14, 113-115.	0.9	2
287	S1 guidelines: Lipedema. JDDG - Journal of the German Society of Dermatology, 2017, 15, 758-767.	0.4	69

#	Article	IF	Citations
288	Primary Prevention of CardiovascularÂDisease in Diabetes Mellitus. Journal of the American College of Cardiology, 2017, 70, 883-893.	1.2	125
289	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 637.	3.8	154
290	S1â€Łeitlinie LipÃ¶dem. JDDG - Journal of the German Society of Dermatology, 2017, 15, 758-768.	0.4	30
291	Effect of regular exercise training on changes in HbA1c, BMI and VO ₂ max among patients with type 2 diabetes mellitus: an 8-year trial. BMJ Open Diabetes Research and Care, 2017, 5, e000414.	1.2	59
292	Cardiovascular disease risk reduction in diabetes through conventional and natural approaches. Cardiovascular Endocrinology, 2017, 6, 128-135.	0.8	1
294	Prevention of type 2 diabetes mellitus in polycystic ovary syndrome: A review. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2017, 11, S913-S917.	1.8	8
295	Sugars, exercise and health. Journal of Affective Disorders, 2017, 224, 76-86.	2.0	37
296	Integrated Social- and Neurocognitive Model of Physical Activity Behavior in Older Adults with Metabolic Disease. Annals of Behavioral Medicine, 2017, 51, 272-281.	1.7	15
297	The Association of Percent Body Fat and Lean Mass With HbA1c in US Adults. Journal of the Endocrine Society, 2017, 1, 600-608.	0.1	15
298	Combined Interval Training and Post-exercise Nutrition in Type 2 Diabetes: A Randomized Control Trial. Frontiers in Physiology, 2017, 8, 528.	1.3	32
299	Key Points from the Updated Guidelines on Exercise and Diabetes. Frontiers in Endocrinology, 2017, 8, 33.	1.5	36
300	Intelligent Physical Exercise Training in a Workplace Setting Improves Muscle Strength and Musculoskeletal Pain: A Randomized Controlled Trial. BioMed Research International, 2017, 2017, 1-9.	0.9	21
301	Feasibility of a multi-modal exercise program on cognition in older adults with Type 2 diabetes â€“ a pilot randomised controlled trial. BMC Geriatrics, 2017, 17, 237.	1.1	36
302	Impact of post-meal and one-time daily exercise in patient with type 2 diabetes mellitus: a randomized crossover study. Diabetology and Metabolic Syndrome, 2017, 9, 64.	1.2	20
303	Randomized Controlled Trial Comparing Exercise to Health Education for Stimulant Use Disorder. Journal of Clinical Psychiatry, 2017, 78, 1075-1082.	1.1	53
304	Why prescribe exercise as therapy in type 2 diabetes? We have a pill for that!. Diabetes/Metabolism Research and Reviews, 2018, 34, e2999.	1.7	20
305	Cardiorespiratory parameters and glycated hemoglobin of patients with type 2 diabetes after a rehabilitation program. Medicine (United States), 2018, 97, e9321.	0.4	7
306	The Role of Physical Activity and Exercise in Managing Obesity and Achieving Weight Loss. , 2018, , 215-230.		3

#	Article	IF	Citations
307	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. Physiology and Behavior, 2018, 191, 138-145.	1.0	26
308	Physical Activity and Diabetes. Canadian Journal of Diabetes, 2018, 42, S54-S63.	0.4	127
309	The Effect of Physical Activity Interventions on Glycosylated Haemoglobin (HbA1c) in Non-diabetic Populations: A Systematic Review and Meta-analysis. Sports Medicine, 2018, 48, 1151-1164.	3.1	18
310	Exercise and Positive Living in Human Immunodeficiency Virus/AIDS. Nursing Clinics of North America, 2018, 53, 1-11.	0.7	5
312	Effects of aerobic or resistance exercise training on cardiovascular autonomic function of subjects with type 2 diabetes: A pilot study. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 226-233.	1.1	26
314	Associations of Four Community Factors With Longitudinal Change in Hemoglobin A1c Levels in Patients With Type 2 Diabetes. Diabetes Care, 2018, 41, 461-468.	4.3	14
315	Workplace-Based Interventions for Neck Pain in Office Workers: Systematic Review and Meta-Analysis. Physical Therapy, 2018, 98, 40-62.	1.1	66
316	Prehabilitation and functional recovery for colorectal cancer patients. European Journal of Surgical Oncology, 2018, 44, 919-926.	0.5	100
317	May the force be with you: why resistance training is essential for subjects with type 2 diabetes mellitus without complications. Endocrine, 2018, 62, 14-25.	1.1	48
318	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. European Journal of Epidemiology, 2018, 33, 953-964.	2.5	64
319	Dietary program and physical activity impact on biochemical markers in patients with type 2 diabetes: A systematic review. Atencion Primaria, 2018, 50, 590-610.	0.6	20
320	Exercise and Quality of Life. Contemporary Diabetes, 2018, , 221-230.	0.0	0
321	Exercise Performance Impairments and Benefits of Exercise Training in Diabetes. Contemporary Diabetes, 2018, , 83-108.	0.0	1
322	Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. Nature Reviews Endocrinology, 2018, 14, 88-98.	4.3	3,156
323	4. Lifestyle Management:Standards of Medical Care in Diabetesâ€”2018. Diabetes Care, 2018, 41, S38-S50.	4.3	493
324	Obesity and metabolic syndrome in COPD: Is exercise the answer?. Chronic Respiratory Disease, 2018, 15, 173-181.	1.0	23
325	Glycemic behavior in patients with type 2 diabetes during a short period of a combined training program. Motriz Revista De Educacao Fisica, 2018, 24, .	0.3	0
326	Quick guide to type 2 diabetes self-management education: creating an interdisciplinary diabetes management team. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2018, Volume 11, 641-645.	1.1	10

#	Article	IF	Citations
327	â€˜MOVEdiabetesâ€™: a cluster randomized controlled trial to increase physical activity in adults with type 2 diabetes in primary health in Oman. BMJ Open Diabetes Research and Care, 2018, 6, e000605.	1.2	24
328	Resistance Training Reduces Skeletal Muscle Work Efficiency in Weightâ€Reduced and Nonâ€“Weightâ€Reduced Subjects. Obesity, 2018, 26, 1576-1583.	1.5	13
329	Dietary Intake and Physical Activity Assessment: Current Tools, Techniques, and Technologies for Use in Adult Populations. American Journal of Preventive Medicine, 2018, 55, e93-e104.	1.6	72
330	Evaluating the clinical implementation of structured exercise: A randomized controlled trial among non-insulin dependent type II diabetics. Contemporary Clinical Trials, 2018, 74, 25-31.	0.8	3
331	Exercise Increases Adiponectin and Reduces Leptin Levels in Prediabetic and Diabetic Individuals: Systematic Review and Meta-Analysis of Randomized Controlled Trials. Medical Sciences (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.3	51
332	Impact of Exercise Training on Cardiac Function Among Patients With Type 2 Diabetes. Journal of Cardiopulmonary Rehabilitation and Prevention, 2018, 38, 358-365.	1.2	11
333	Extremely short duration interval exercise improves 24-h glycaemia in men with type 2 diabetes. European Journal of Applied Physiology, 2018, 118, 2551-2562.	1.2	29
334	Commentary on: â€œEffects of Regular Physical Activity on the Cognitive Performance of Type 2 Diabetic Patients: A Systematic Reviewâ€•by Podolski et al. (Metab Syndr Relat Disord 2017;15:481â€“493). Metabolic Syndrome and Related Disorders, 2018, 16, 255-261.	0.5	1
335	Patient-Related Determinants of Glycaemic Control in People with Type 2 Diabetes in the Gulf Cooperation Council Countries: A Systematic Review. Journal of Diabetes Research, 2018, 2018, 1-14.	1.0	20
336	Comparison of timeâ€matched aerobic, resistance, or concurrent exercise training in older adults. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2272-2283.	1.3	62
337	Effects of aerobic training with and without weight loss on insulin sensitivity and lipids. PLoS ONE, 2018, 13, e0196637.	1.1	30
338	Timing of Exercise Affects Glycemic Control in Type 2 Diabetes Patients Treated with Metformin. Journal of Diabetes Research, 2018, 2018, 1-9.	1.0	11
339	Sources of Inter-individual Variability in the Therapeutic Response of Blood Glucose Control to Exercise in Type 2 Diabetes: Going Beyond Exercise Dose. Frontiers in Physiology, 2018, 9, 896.	1.3	53
340	Exercise Response Variations in Skeletal Muscle PCr Recovery Rate and Insulin Sensitivity Relate to Muscle Epigenomic Profiles in Individuals With Type 2 Diabetes. Diabetes Care, 2018, 41, 2245-2254.	4.3	41
341	Exercise training modalities in patients with type 2 diabetes mellitus: a systematic review and network meta-analysis. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 72.	2.0	216
342	Lifestyle Interventions. , 2018, , 250-269.		0
343	Targeting Postprandial Hyperglycemia With Physical Activity May Reduce Cardiovascular Disease Risk. But What Should We Do, and When Is the Right Time to Move?. Frontiers in Cardiovascular Medicine, 2018, 5, 99.	1.1	23
345	Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive Type 2 Diabetes Management Algorithm â€“ 2018 Executive Summary. Endocrine Practice, 2018, 24, 91-121.	1.1	388

#	Article	IF	Citations
346	The Effects of Exercise and Physical Activity on Weight Loss and Maintenance. Progress in Cardiovascular Diseases, 2018, 61, 206-213.	1.6	298
347	The Effects of Structured Exercise or Lifestyle Behavior Interventions on Long-Term Physical Activity Level and Health Outcomes in Individuals With Type 2 Diabetes: A Systematic Review, Meta-Analysis, and Meta-Regression. Journal of Physical Activity and Health, 2018, 15, 697-707.	1.0	21
348	Study protocol: a randomised controlled trial of supervised resistance training versus aerobic training in Sri Lankan adults with type 2 diabetes mellitus: SL-DART study. BMC Public Health, 2018, 18, 176.	1.2	9
349	Patterns of physical activity in sedentary older individuals with type 2 diabetes. Clinical Diabetes and Endocrinology, 2018, 4, 7.	1.3	6
350	Green tea consumption reduces apelin and orexin-A in overweight and obese women with different training modalities. Sport Sciences for Health, 2018, 14, 421-431.	0.4	3
351	High-Intensity Interval Training Is Equivalent to Moderate-Intensity Continuous Training for Short- and Medium-Term Outcomes of Glucose Control, Cardiometabolic Risk, and Microvascular Complication Markers in Men With Type 2 Diabetes. Frontiers in Endocrinology, 2018, 9, 475.	1.5	20
352	Physical activity and structured exercise in patients with type 2 diabetes mellitus and heart failure. Practical Diabetes, 2018, 35, 131.	0.1	2
353	Relating Activity and Participation Levels to Glycemic Control, Emergency Department Use, and Hospitalizations in Individuals With Type 2 Diabetes. Clinical Diabetes, 2018, 36, 232-243.	1.2	1
354	Effectiveness of high-intensity interval training on glycemic control and cardiorespiratory fitness in patients with type 2 diabetes: a systematic review and meta-analysis. Aging Clinical and Experimental Research, 2019, 31, 575-593.	1.4	77
355	Obesity, risk of diabetes and role of physical activity, exercise training and cardiorespiratory fitness. Progress in Cardiovascular Diseases, 2019, 62, 327-333.	1.6	177
356	Partitioning of radiological, stress and biochemical changes in pre-diabetic women subjected to Diabetic Yoga Protocol. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2705-2713.	1.8	22
357	Metabolic effect of breaks in sedentary time in subjects with type 2 diabetes. Current Opinion in Endocrine and Metabolic Research, 2019, 9, 40-44.	0.6	1
358	One-year caloric restriction and 12-week exercise training intervention in obese adults with type 2 diabetes: emphasis on metabolic control and resting metabolic rate. Journal of Endocrinological Investigation, 2019, 42, 1497-1507.	1.8	5
359	Aerobic Fitness and Adherence to Guideline-Recommended Minimum Physical Activity Among Ambulatory Patients With Type 2 Diabetes Mellitus. Diabetes Care, 2019, 42, 1333-1339.	4.3	38
360	Loss of FoxOs in muscle reveals sex-based differences in insulin sensitivity but mitigates diet-induced obesity. Molecular Metabolism, 2019, 30, 203-220.	3.0	17
361	Shortâ€Term Changes in Cardiorespiratory Fitness in Response to Exercise Training and the Association with Longâ€Term Cardiorespiratory Fitness Decline: The STRRIDE Reunion Study. Journal of the American Heart Association, 2019, 8, e012876.	1.6	13
362	Regulation of Skeletal Muscle Glucose Transport and Glucose Metabolism by Exercise Training. Nutrients, 2019, 11, 2432.	1.7	107
363	The Role of Aerobic Training Variables Progression on Glycemic Control of Patients with Type 2 Diabetes: a Systematic Review with Meta-analysis. Sports Medicine - Open, 2019, 5, 22.	1.3	22

#	Article	IF	Citations
364	Comparison of the Cardiovascular Benefits of Resistance, Aerobic, and Combined Exercise (CardioRACE): Rationale, design, and methods. American Heart Journal, 2019, 217, 101-111.	1.2	13
365	Effect of combination of chlorella intake and aerobic exercise training on glycemic control in type 2 diabetic rats. Nutrition, 2019, 63-64, 45-50.	1.1	12
366	Youth get a D+ grade in physical activity: How can we change public health messages to help reverse this trend?. Applied Physiology, Nutrition and Metabolism, 2019, 44, 567-570.	0.9	8
367	Reduction in HbA1c with Exercise videogames among participants with elevated HbA1c: Secondary analysis of the Wii Heart Fitness trial. Diabetes Research and Clinical Practice, 2019, 154, 35-42.	1.1	2
368	A systematic review and meta-analysis of adherence to physical activity interventions among three chronic conditions: cancer, cardiovascular disease, and diabetes. BMC Public Health, 2019, 19, 636.	1.2	113
369	Do Changes in Innate Immunity Underlie the Cardiovascular Benefits of Exercise?. Frontiers in Cardiovascular Medicine, 2019, 6, 70.	1.1	8
370	Effects of Exercise to Improve Cardiovascular Health. Frontiers in Cardiovascular Medicine, 2019, 6, 69.	1.1	171
371	Cardiorespiratory fitness, muscular strength and risk of type 2 diabetes: a systematic review and meta-analysis. Diabetologia, 2019, 62, 1129-1142.	2.9	104
372	Effects of acute aerobic and concurrent exercise on skeletal muscle metabolic enzymes in untrained men. Sport Sciences for Health, 2019, 15, 417-426.	0.4	1
373	Physical Activity, Muscle-Strengthening Activities, and Systemic Inflammation Among Retinopathy Patients. Diabetes Spectrum, 2019, 32, 16-20.	0.4	4
374	Exercise Metabolism in Health and Disease. , 2019, , 57-96.		8
375	Physical Activity, Cardiorespiratory Fitness, and the Diabetes Spectrum. , 2019, , 191-206.		4
376	Physical Activity, Cardiorespiratory Fitness, and Obesity. , 2019, , 229-250.		0
377	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Circulation, 2019, 140, e596-e646.	1.6	1,789
378	Effects of Eight Weeks of High Intensity Functional Training on Glucose Control and Body Composition among Overweight and Obese Adults. Sports, 2019, 7, 51.	0.7	22
379	Concurrent exercise training on hyperglycemia and comorbidities associated: Nonâ€responders using clinical cutoff points. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 952-967.	1.3	17
380	H. pylori eradication with antibiotic treatment causes changes in glucose homeostasis related to modifications in the gut microbiota. PLoS ONE, 2019, 14, e0213548.	1.1	43
381	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: Executive Summary. Journal of the American College of Cardiology, 2019, 74, 1376-1414.	1.2	820

#	Article	IF	Citations
382	2019 ACC/AHA Guideline on the Primary Prevention of CardiovascularÂDisease. Journal of the American College of Cardiology, 2019, 74, e177-e232.	1.2	1,038
383	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Circulation, 2019, 140, e563-e595.	1.6	1,676
384	Social cognitive theory-based intervention to promote physical activity among prediabetic rural people: a cluster randomized controlled trial. Trials, 2019, 20, 98.	0.7	26
385	Dynamic, Not Isometric Resistance Training Improves Muscle Inflammation, Oxidative Stress and Hypertrophy in Rats. Frontiers in Physiology, 2019, 10, 4.	1.3	12
386	Randomized Controlled Trial of Physical Exercise in Diabetic Veterans With Length-Dependent Distal Symmetric Polyneuropathy. Frontiers in Neuroscience, 2019, 13, 51.	1.4	21
387	Real-world impact of ongoing regular exercise in overweight and obese US adults with diabetes on health care utilization and expenses. Primary Care Diabetes, 2019, 13, 430-440.	0.9	10
388	STRONG-D: Strength training regimen for normal weight diabetics: Rationale and design. Contemporary Clinical Trials, 2019, 78, 101-106.	0.8	4
389	Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive Type 2 Diabetes Management Algorithm â€“ 2019 Executive Summary. Endocrine Practice, 2019, 25, 69-101.	1.1	245
390	5. Lifestyle Management:Standards of Medical Care in Diabetesâ€”2019. Diabetes Care, 2019, 42, S46-S60.	4.3	519
391	Health literacy and exercise-focused interventions on clinical measurements in Chinese diabetes patients: A cluster randomized controlled trial. EClinicalMedicine, 2019, 17, 100211.	3.2	15
392	Pharmacologic and Exercise Considerations in Older Adults With Diabetes. Topics in Geriatric Rehabilitation, 2019, 35, 31-41.	0.2	1
393	Motivational Strategies to Prevent Frailty in Older Adults with Diabetes: A Focused Review. Journal of Aging Research, 2019, 2019, 1-8.	0.4	5
394	Lifestyle factors, self-management and patient empowerment in diabetes care. European Journal of Preventive Cardiology, 2019, 26, 55-63.	0.8	114
395	Cardiovascular benefits independent of body mass loss in overweight individuals after exercise program. Sport Sciences for Health, 2019, 15, 35-42.	0.4	0
396	Effect of Exercise on Risk Factors of Diabetic Foot Ulcers. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 103-116.	0.7	36
397	Effects of Exercise Modality on Insulin Resistance and Ectopic Fat in Adolescents with Overweight and Obesity: A Randomized Clinical Trial. Journal of Pediatrics, 2019, 206, 91-98.e1.	0.9	36
398	Concurrent Aerobic and Strength Training for Body Composition and Health. , 2019, , 293-307.		5
399	Exercise training for patients with type 2 diabetes and cardiovascular disease: What to pursue and how to do it. A Position Paper of the European Association of Preventive Cardiology (EAPC). European Journal of Preventive Cardiology, 2019, 26, 709-727.	0.8	68

#	Article	IF	Citations
400	Resistance Exercise Intensity is Correlated with Attenuation of HbA1c and Insulin in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2019, 16, 140.	1.2	105
401	Associations of Resistance Exercise with Cardiovascular Disease Morbidity and Mortality. Medicine and Science in Sports and Exercise, 2019, 51, 499-508.	0.2	98
402	Physical Exercise in Chronic Diseases. , 2019, , 217-266.		4
403	The Effects of Exercise on Adolescent Physical Development, Brain Development and Adult Health in Underserved Populations. Physician Assistant Clinics, 2019, 4, 171-184.	0.1	0
404	Effectiveness of highâ€intensity interval training combined with resistance training versus continuous moderateâ€intensity training combined with resistance training in patients with type 2 diabetes: A oneâ€year randomized controlled trial. Diabetes, Obesity and Metabolism, 2019, 21, 550-559.	2.2	27
405	Low-Intensity Resistance Exercise Reduces Hyperglycemia and Enhances Glucose Control Over a 24-Hour Period in Women With Type 2 Diabetes. Journal of Strength and Conditioning Research, 2019, 33, 2826-2835.	1.0	11
406	Effects of the Strong Hearts, Healthy Communities Intervention on Functional Fitness of Rural Women. Journal of Rural Health, 2020, 36, 104-110.	1.6	7
407	2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. European Heart Journal, 2020, 41, 255-323.	1.0	2,811
408	Aerobic exercise training at maximal fat oxidation intensity improves body composition, glycemic control, and physical capacity in older people with type 2 diabetes. Journal of Exercise Science and Fitness, 2020, 18, 7-13.	0.8	32
409	Effects of walking speeds and durations on plantar skin blood flow responses. Microvascular Research, 2020, 128, 103936.	1.1	20
410	Muscle Strengthening, Aerobic Exercise, and Obesity: A Pooled Analysis of 1.7 Million US Adults. Obesity, 2020, 28, 371-378.	1.5	33
411	The ability of exercise to meaningfully improve glucose tolerance in people living with prediabetes: A metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 209-216.	1.3	14
412	Multivesicular body and exosome pathway responses to acute exercise. Experimental Physiology, 2020, 105, 511-521.	0.9	30
413	The Effect of Exercise Timing on Glycemic Control: A Randomized Clinical Trial. Medicine and Science in Sports and Exercise, 2020, 52, 323-334.	0.2	45
414	A Randomized Community-based Exercise Training Trial in African American Men: Aerobic Plus Resistance Training and Insulin Sensitivity in African American Men. Medicine and Science in Sports and Exercise, 2020, 52, 408-416.	0.2	5
415	Submaximal field testing validity for aerobic fitness assessment in recreational football. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 680-689.	1.3	9
416	James Lind Alliance research priorities: should diet and exercise be used as an alternative to drugs for the management of type 2 diabetes or alongside them?. Diabetic Medicine, 2020, 37, 564-572.	1.2	4
417	Wearable and interactive technology to share fitness goals results in weight loss but not improved diabetes outcomes. Obesity Research and Clinical Practice, 2020, 14, 443-448.	0.8	8

#	Article	IF	Citations
418	Individual and combined associations between cardiorespiratory fitness and grip strength with common mental disorders: a prospective cohort study in the UK Biobank. BMC Medicine, 2020, 18, 303.	2.3	32
419	Metformin May Contribute to Inter-individual Variability for Glycemic Responses to Exercise. Frontiers in Endocrinology, 2020, 11, 519.	1.5	15
420	RSSDI-ESI Clinical Practice Recommendations for the Management of Type 2 Diabetes Mellitus 2020. International Journal of Diabetes in Developing Countries, 2020, 40, 1-122.	0.3	16
421	Resistance exerciseâ€induced increase in muscle 5Î±â€dihydrotestosterone contributes to the activation of muscle Akt/mTOR/p70S6Kâ€and Akt/AS160/GLUT4â€signaling pathways in type 2 diabetic rats. FASEB Journal, 2020, 34, 11047-11057.	0.2	17
422	Effects of Physical Exercise on the Quality of Life of Type 2 Diabetes Patients. , 2020, , .		0
423	5. Facilitating Behavior Change and Well-being to Improve Health Outcomes:Standards of Medical Care in Diabetesâ€”2020. Diabetes Care, 2020, 43, S48-S65.	4.3	272
424	Weight Loss and Serum Lipids in Overweight and Obese Adults: A Systematic Review and Meta-Analysis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3695-3703.	1.8	31
425	Diabetes and Sarcopenic Obesity: Pathogenesis, Diagnosis, and Treatments. Frontiers in Endocrinology, 2020, 11, 568.	1.5	107
426	Type 2 diabetes and reduced exercise tolerance: a review of the literature through an integrated physiology approach. Cardiovascular Diabetology, 2020, 19, 134.	2.7	64
427	Effects of acute aerobic, resistance and combined exercises on 24-h glucose variability and skeletal muscle signalling responses in type 1 diabetics. European Journal of Applied Physiology, 2020, 120, 2677-2691.	1.2	12
428	Walking for subjects with type 2 diabetes: A systematic review and joint AMD/SID/SISMES evidence-based practical guideline. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1882-1898.	1.1	32
429	Antidiabetic Effects of Physical Activity: How It Helps to Control Type 2 Diabetes . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2909-2923.	1.1	18
430	Significant Doseâ€“Response between Exercise Adherence and Hemoglobin A1c Change. Medicine and Science in Sports and Exercise, 2020, 52, 1960-1965.	0.2	7
431	GCN2 Deficiency Enhances Protective Effects of Exercise on Hepatic Steatosis. BioMed Research International, 2020, 2020, 1-10.	0.9	4
433	The association between physical activity with incident obesity, coronary heart disease, diabetes and hypertension in adults: a systematic review of longitudinal studies published after 2012. BMC Public Health, 2020, 20, 726.	1.2	88
435	An improvement in skeletal muscle mitochondrial capacity with shortâ€term aerobic training is associated with changes in Tribbles 1 expression. Physiological Reports, 2020, 8, e14416.	0.7	7
436	Clinical outcomes after cardiac rehabilitation in elderly patients with and without diabetes mellitus: The EU-CaRE multicenter cohort study. Cardiovascular Diabetology, 2020, 19, 37.	2.7	13
437	Effects of exercise training and sex on dynamic responses of O2 uptake in type 2 diabetes. Applied Physiology, Nutrition and Metabolism, 2020, 45, 865-874.	0.9	7

#	Article	IF	Citations
438	Plasma Myokine Concentrations After Acute Exercise in Non-obese and Obese Sedentary Women. Frontiers in Physiology, 2020, 11, 18.	1.3	29
439	Advances in Exercise, Physical Activity, and Diabetes. Diabetes Technology and Therapeutics, 2020, 22, S-109-S-118.	2.4	5
440	Effects of 8-Week Whole-Body Vibration Training on the HbA1c, Quality of Life, Physical Fitness, Body Composition and Foot Health Status in People with T2DM: A Double-Blinded Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2020, 17, 1317.	1.2	9
441	The Underappreciated Synergy of Strength Training. Obesity, 2020, 28, 224-224.	1.5	1
442	Exercise and Type 1 Diabetes. Advances in Experimental Medicine and Biology, 2020, 1228, 107-121.	0.8	23
443	Oxidative stress and diabetes: antioxidative strategies. Frontiers of Medicine, 2020, 14, 583-600.	1.5	246
444	Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive Type 2 Diabetes Management Algorithm â€“ 2020 Executive Summary. Endocrine Practice, 2020, 26, 107-139.	1.1	410
445	Exercise-induced hypertension can increase the prevalence of coronary artery plaque among middle-aged male marathon runners. Medicine (United States), 2020, 99, e19911.	0.4	10
446	The contribution of obesity to the population burden of high metabolic cardiovascular risk among different ethnic groups. The HELIUS study. European Journal of Public Health, 2020, 30, 322-327.	0.1	4
447	The information-motivation-behavioral skills model explains physical activity levels for adults with type 2 diabetes across all weight classes. Psychology, Health and Medicine, 2021, 26, 381-394.	1.3	12
448	Effects of Preconditioning Local Vibrations on Subsequent Plantar Skin Blood Flow Response to Walking. International Journal of Lower Extremity Wounds, 2021, 20, 143-149.	0.6	5
449	The effectiveness of a community-based exercise program on depression symptoms among people living with HIV. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2021, 33, 368-374.	0.6	4
450	Substitution of parts of aerobic training by resistance training lowers fasting hyperglycemia in individuals with metabolic syndrome. Applied Physiology, Nutrition and Metabolism, 2021, 46, 69-76.	0.9	11
451	Walking for subjects with type 2 diabetes: a systematic review and joint AMD/SID/SISMES evidence-based practical guideline. Sport Sciences for Health, 2021, 17, 1-20.	0.4	1
452	Glycemic and cardiometabolic effects of exercise in South Asian Sri Lankans with type 2 diabetes mellitus: A randomized controlled trial Sri Lanka diabetes aerobic and resistance training study (SL-DARTS). Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2021, 15, 77-85.	1.8	18
453	Tai Chi for Chronic Illness Management: Synthesizing Current Evidence from Meta-Analyses of Randomized Controlled Trials. American Journal of Medicine, 2021, 134, 194-205.e12.	0.6	16
454	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. European Heart Journal, 2021, 42, 17-96.	1.0	830
455	Influence of Physical Activity on the Regulation of Disease of Elderly Persons with Metabolic Syndrome. International Journal of Environmental Research and Public Health, 2021, 18, 275.	1.2	6

#	Article	IF	Citations
456	Effects of Different Exercise Strategies to Improve Postprandial Glycemia in Healthy Individuals. Medicine and Science in Sports and Exercise, 2021, 53, 1334-1344.	0.2	12
457	Movement Behavior during Pregnancy and Adverse Maternalâ€“Fetal Outcomes in Women with Gestational Diabetes: A Pilot Case-Control Study. International Journal of Environmental Research and Public Health, 2021, 18, 1114.	1.2	2
458	Effects of resistance training and nigella sativa on type 2 diabetes: implications for metabolic markers, low-grade inflammation and liver enzyme production. Archives of Physiology and Biochemistry, 2023, 129, 913-921.	1.0	11
459	Cost-Effectiveness of a Whole-Body Vibration Program in Patients with Type 2 Diabetes: A Retrospective Study Protocol. Sustainability, 2021, 13, 2581.	1.6	0
460	Movement is Improvement: The Therapeutic Effects of Exercise and General Physical Activity on Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Diabetes Therapy, 2021, 12, 707-732.	1.2	27
461	The Effect of High-Intensity Power Training on Habitual, Intervention and Total Physical Activity Levels in Older Adults with Type 2 Diabetes: Secondary Outcomes of the GREAT2DO Randomized Controlled Trial. Geriatrics (Switzerland), 2021, 6, 15.	0.6	2
462	Interindividual variation in cardiometabolic health outcomes following 6Âmonths of endurance training in youth at risk of type 2 diabetes mellitus. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1-8.	0.9	0
463	The effect of combined resistance aerobic exercise training on concentrations of asprosin and complement C1q tumor necrosis factor-related protein-1 in men with type 2 diabetes. Sport Sciences for Health, 2021, 17, 863-871.	0.4	3
464	A systematic review of adherence to physical activity interventions in individuals with type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2021, 37, e3444.	1.7	23
465	Exerciseâ€"A Panacea of Metabolic Dysregulation in Cancer: Physiological and Molecular Insights. International Journal of Molecular Sciences, 2021, 22, 3469.	1.8	9
466	The influence of exercise during pregnancy on racial/ethnic health disparities and birth outcomes. BMC Pregnancy and Childbirth, 2021, 21, 258.	0.9	3
467	Effects of physical activity on cognitive function among patients with diabetes in China: a nationally longitudinal study. BMC Public Health, 2021, 21, 481.	1.2	14
468	Exploring Differences in Cardiorespiratory Fitness Response Rates Across Varying Doses of Exercise Training: A Retrospective Analysis of Eight Randomized Controlled Trials. Sports Medicine, 2021, 51, 1785-1797.	3.1	19
469	Effect of tap dance on plantar pressure, postural stability and lower body function in older patients at risk of diabetic foot: a randomized controlled trial. BMJ Open Diabetes Research and Care, 2021, 9, e001909.	1.2	5
470	A randomized controlled trial of a structured program combining aerobic and resistance exercise for adults with type 2 diabetes in Japan. Diabetology International, 2022, 13, 75-84.	0.7	5
471	Iranian National Clinical Practice Guideline for Exercise in Patients with Diabetes. International Journal of Endocrinology and Metabolism, 2021, 19, e109021.	0.3	3
472	Psychosocial Correlates of Meeting National Guidelines for Muscle-Strengthening Activities in Latinas. Health Education and Behavior, 2021, , 109019812110053.	1.3	1
473	The effects of different doses of exercise on pancreatic Î²-cell function in patients with newly diagnosed type 2 diabetes: study protocol for and rationale behind the â€œDOSE-EXâ€•multi-arm parallel-group randomised clinical trial. Trials, 2021, 22, 244.	0.7	7

#	Article	IF	Citations
474	Effect of Calorie Restriction and Exercise on Type 2 Diabetes. Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medicinski Nauki, 2021, 42, 109-126.	0.2	2
475	The Effect of Different Postprandial Exercise Types on Glucose Response to Breakfast in Individuals with Type 2 Diabetes. Nutrients, 2021, 13, 1440.	1.7	10
476	The Effect of Aerobic Training and Increasing Nonexercise Physical Activity on Cardiometabolic Risk Factors. Medicine and Science in Sports and Exercise, 2021, 53, 2152-2163.	0.2	4
477	Sprint interval training vs. combined aerobic + resistance training in overweight women with type 2 diabetes. Journal of Sports Medicine and Physical Fitness, 2021, 61, 712-724.	0.4	4
479	Considerations for Maximizing the Exercise â€œDrugâ€•to Combat Insulin Resistance: Role of Nutrition, Sleep, and Alcohol. Nutrients, 2021, 13, 1708.	1.7	7
480	Biological and methodological factors affecting response variability to endurance training and the influence of exercise intensity prescription. Experimental Physiology, 2021, 106, 1410-1424.	0.9	23
481	The effect of endurance and endurance-strength training on body composition and cardiometabolic markers in abdominally obese women: a randomised trial. Scientific Reports, 2021, 11, 12339.	1.6	13
483	Comparison between different types of exercise training in patients with type 2 diabetes mellitus: A systematic review and network metanalysis of randomized controlled trials. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1985-1992.	1.1	26
485	Effect of High Intensity Interval Training versus Circuit Weight Training on Glycated Hemoglobin in Type 2 Diabetic Patients. Medical Journal of the University of Cairo Faculty of Medicine, 2021, 89, 995-1001.	0.0	0
486	Obesity and physical exercise. Minerva Endocrinology, 2021, 46, 131-144.	0.6	33
487	Signals from the Circle: Tricarboxylic Acid Cycle Intermediates as Myometabokines. Metabolites, 2021, 11, 474.	1.3	13
488	Exercise Prescriptions for Co-Morbid Conditions. , 0, , .		0
489	Exploring the Association of a Total Physical Activity Energy Expenditure and Diabetes Mellitus in Adults: A Cross-Sectional Analysis of the Canadian Health Measures Survey. Metabolic Syndrome and Related Disorders, 2021, 19, 556-561.	0.5	0
490	Patient portal engagement and diabetes management among new portal users in the Veterans Health Administration. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2176-2183.	2.2	12
491	Comparing the reporting and conduct quality of exercise and pharmacological randomised controlled trials: a systematic review. BMJ Open, 2021, 11, e048218.	0.8	9
492	Effects of Brain Breaks Video Intervention of Decisional Balance among Malaysians with Type 2 Diabetes Mellitus: A Randomised Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 8972.	1.2	3
493	Effect of session order in combined aerobic and resistance training on glycemic control in older adults with type 2 diabetes: a crossover study. Revista Brasileira De Atividade FÃsica E SaÃºde, 0, 26, 1-6.	0.1	0
494	The Therapeutic Effects of Mild to Moderate Intensity Aerobic Exercise on Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Meta-Analysis of Randomized Trials. Diabetes Therapy, 2021, 12, 2767-2781.	1.2	4

#	Article	IF	Citations
495	Genetically determined exercise capacity affects systemic glucose response to insulin in rats. Physiological Genomics, 2021, 53, 395-405.	1.0	4
496	Positive Effects of Exercise Intervention without Weight Loss and Dietary Changes in NAFLD-Related Clinical Parameters: A Systematic Review and Meta-Analysis. Nutrients, 2021, 13, 3135.	1.7	51
497	Exercise, Physical Activity, and Cardiometabolic Health: Insights into the Prevention and Treatment of Cardiometabolic Diseases. Cardiology in Review, 2022, 30, 167-178.	0.6	7
498	The Effects of Exercise on Lipid Biomarkers. Methods in Molecular Biology, 2022, 2343, 93-117.	0.4	6
499	The complex relationship between physical activity and diabetes: an overview. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 535-547.	0.7	20
500	Effects of recreational sports and combined training on blood pressure and glycated hemoglobin in middle-aged and older adults: A systematic review with meta-analysis. Experimental Gerontology, 2021, 154, 111549.	1.2	5
501	Exercise training and probiotic supplementation effects on skeletal muscle apoptosis prevention in type-Î™ diabetic rats. Life Sciences, 2021, 285, 119973.	2.0	1
502	Exercise as a complementary medicine intervention in type 2 diabetes mellitus: A systematic review with narrative and qualitative synthesis of evidence. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2021, 15, 273-286.	1.8	21
503	Adaptive Responses to Weight Loss. , 2014, , 97-111.		4
504	Exercise in Metabolic Syndrome and Diabetes: A Central Role for Insulin Sensitivity. Contemporary Endocrinology, 2020, , 293-323.	0.3	1
505	Physical Activity Programs. , 2016, , 121-127.		3
506	Diabetes in Native Populations and Underserved Communities in the USA. , 2017, , 251-284.		5
507	Physical activity level and exercise in patients with diabetes mellitus. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2012, 58, 215-221.	0.3	8
508	Reinforcing exercise to improve drug abuse treatment outcomes: A randomized controlled study in a substance use disorder outpatient treatment setting.. Psychology of Addictive Behaviors, 2020, 34, 52-64.	1.4	7
510	Beyond general resistance training. Hypertrophy versus muscular endurance training as therapeutic interventions in adults with type 2 diabetes mellitus: A systematic review and metaâ€analysis. Obesity Reviews, 2020, 21, e13007.	3.1	31
511	Muscle-strengthening Exercise Epidemiology: a New Frontier in Chronic Disease Prevention. Sports Medicine - Open, 2020, 6, 40.	1.3	75
512	Molecular studies of exercise, skeletal muscle, and ageing. F1000Research, 2016, 5, 1087.	0.8	10
513	Impact of Walking on Glycemic Control and Other Cardiovascular Risk Factors in Type 2 Diabetes: A Meta-Analysis. PLoS ONE, 2014, 9, e109767.	1.1	85

#	Article	IF	Citations
514	High Intensity Interval Training Improves Glycaemic Control and Pancreatic Î² Cell Function of Type 2 Diabetes Patients. PLoS ONE, 2015, 10, e0133286.	1.1	102
515	Diabetes mellitus type 2 in adults. Diabetes Mellitus, 2020, 23, 4-102.	0.5	16
516	Exercise is Medicineâ€"The Importance of Physical Activity, Exercise Training, Cardiorespiratory Fitness and Obesity in the Prevention and Treatment of Type 2 Diabetes. European Endocrinology, 2014, 10, 18.	0.8	25
517	Exercise and Postprandial Glycemic Control in Type 2 Diabetes. Current Diabetes Reviews, 2016, 12, 199-210.	0.6	20
518	Comparing the Efficacy of Supervised and Unsupervised Exercise Training on Glycaemic Control in Type 2 Diabetes: A Systematic Review. Current Diabetes Reviews, 2020, 16, 570-579.	0.6	9
519	Smartphone-Enabled Health Coach Intervention for People With Diabetes From a Modest Socioeconomic Strata Community: Single-Arm Longitudinal Feasibility Study. Journal of Medical Internet Research, 2014, 16, e149.	2.1	92
520	Inter-individual Variability in Psychological Outcomes of Supervised Exercise in Adults with Type 2 Diabetes / Variabilidad interindividual en los efectos psicolÃ³gicos del ejercicio supervisado en adultos con diabetes tipo 2. Revista Costarricense De PsicologÃa, 2015, 34, 57-69.	0.2	3
521	5. Facilitating Behavior Change and Well-being to Improve Health Outcomes:Standards of Medical Care in Diabetesâ€"2021. Diabetes Care, 2021, 44, S53-S72.	4.3	226
522	Effects of 12 weeks of combined aerobic-resistance exercise training on levels of chemerin, omentin and insulin resistance in men with type 2 diabetes. Koomesh, 2020, 22, 155-163.	0.1	4
523	An innovative model for changing the lifestyles of persons with obesity and/or Type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2011, 34, e349-54.	1.8	19
524	EFFECTS OF TRAINING AND DETRAINING ON GLYCOSYLATED HAEMOGLOBIN, GLYCAEMIA AND LIPID PROFILE IN TYPE-II DIABETICS. Nutricion Hospitalaria, 2015, 32, 1729-34.	0.2	10
525	Physical activity - the Holy Grail of modern medicine?. Vnitrni Lekarstvi, 2017, 63, 729-736.	0.1	8
526	Validity of Indian Diabetes Risk Score and its association with body mass index and glycosylated hemoglobin for screening of diabetes in and around areas of Lucknow. Journal of Family Medicine and Primary Care, 2017, 6, 366.	0.3	13
527	RSSDI-ESI clinical practice recommendations for the management of type 2 diabetes mellitus 2020. Indian Journal of Endocrinology and Metabolism, 2020, 24, 1.	0.2	85
528	Physical Fitness-An Often Forgotten Cardiovascular Risk Factor. Journal of Glycomics & Lipidomics, 2012, 02, .	0.4	6
529	Influence of Acute Bouts of Exercise on Blood Glucose in Type 2 Diabetic Patients, as Measured by Continuous Glucose Monitoring Systems. Journal of Diabetes & Metabolism, 2013, 04, .	0.2	2
530	Combined Training in the Treatment of Type 2 Diabetes Mellitus: A Review. Health, 2017, 09, 1605-1617.	0.1	1
531	Effects of exercise on brain functions in diabetic animal models. World Journal of Diabetes, 2015, 6, 583.	1.3	17

#	Article	IF	Citations
532	Could Physical Activity Have an Impact on the Incidence or Prevention of Diabetes-Related Complications? A Review of the Evidence. Physical Activity and Health, 2019, 3, 57-62.	0.6	2
533	Improvement in Biochemical Parameters in Patients with Type 2 Diabetes After Twenty-Four Sessions of Aerobic Exercise: A Randomized Controlled Trial. Iranian Red Crescent Medical Journal, 2017, 19, .	0.5	7
534	Role of exercise on insulin sensitivity and beta-cell function: is exercise sufficient for the prevention of youth-onset type 2 diabetes?. Annals of Pediatric Endocrinology and Metabolism, 2020, 25, 208-216.	0.8	14
535	The Effects of Supervised Exercise Program on Health-Related Physical Fitness in Kuwait. British Journal of Medicine and Medical Research, 2014, 4, 5083-5097.	0.2	1
536	Dietary Patterns and Weight Loss in New-onset Type 2 Diabetes Mellitus: A Sub-analysis of the St Carlos Study: A 3-year, Randomized, Clinic-based, Interventional Study. British Journal of Medicine and Medical Research, 2014, 4, 5667-5677.	0.2	1
537	American Medical Society for Sports Medicine Position Statement on the Care of the Athlete and Athletic Person With Diabetes. Clinical Journal of Sport Medicine, 2022, 32, 8-20.	0.9	3
538	The effect of structured aerobic exercise on adherence, body mass index, hemoglobin A1c, and quality of life in type 1 and type 2 diabetes mellitus. Translational Sports Medicine, 0, , .	0.5	0
539	Cardiac Autonomic Modulation in Response to Three Types of Exercise in Patients with Type 2 Diabetic Neuropathy. Journal of Diabetes and Metabolic Disorders, 2021, 20, 1469-1478.	0.8	3
542	Diabetes Tipo 2 e Estilo de Vida: O Papel do ExercÃcio FÃsico na AtenÃ§Ã£o PrimÃ¡ria e na SecundÃ¡ria. SaÃºde Em Revista, 2013, 13, 67-75.	0.3	0
544	Evaluation and Treatment of Obesity in Primary Care. , 2014, , 271-286.		0
545	The Role of Physical Counselling in Patients with Type 2 Diabetes Mellitus: A Systematic Review. Journal of Diabetes Mellitus, 2015, 05, 97-110.	0.1	0
546	Kraft. , 2016, , 213-266.		0
547	Exercise Resistance in Type 2 Diabetes. , 2016, , 96-100.		0
548	Physical Activity in Obesity and Diabetes. , 2016, , 321-333.		1
550	Effect of 8 Weeks Aerobic Interval Training on Glycosylated Hemoglobin and Insulin Resistance Index in Diabetic Mellitus Type 2 Women. Ufuq-i DÄnish, 2016, 22, 137-143.	0.3	1
551	Combination of Aerobic and Resistance Exercise in Lowering Blood Glucose Levels Compared to Aerobic or Resistance Exercises in a Male Wistar Rat Model with Diabetes Mellitus. , 2017, , .		1
553	Neuromuscular electrical stimulation exercise: a potential alternative to conventional exercise in the management of type 2 diabetes. British Journal of Diabetes, 2017, 17, 46.	0.1	4
554	Resistance and Aerobic Training in the Treatment of Type 2 Diabetes Mellitus. Journal of Diabetes, Metabolic Disorders & Control, 2017, 4, .	0.2	1

#	Article	IF	Citations
555	Efeito do treinamento fÃsico em diabÃ©ticos tipo I: revisÃ£o sistemÃ¡tica de ensaios clÃnicos randomizados. Revista Brasileira De Atividade FÃsica E SaÃºde, 2017, 22, 422-428.	0.1	0
556	Effect of Rebound Exercises and Circuit Training on Complications Associated with Type 2 Diabetes: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2018, 7, e124.	0.5	3
557	The Effect of Resistance Activity on Diabetes Indicators in Women with Type 2 Diabetes. Majallah-i DÄnishgÄh-i Ì'UlÅ«m-i PizishkÄ«-i Qum, 2018, 12, 41-50.	0.2	1
558	Evaluation of the Physical Activity Level of Elderly Women in the Canton of Sarajevo in Bosnia and Herzegovina. Journal of Anthropology of Sport and Physical Education, 2018, 2, 33-36.	0.2	2
559	Treinamento concorrente e seus efeitos para indivÃduos de meia idade e idosos. Revista Brasileira De Fisiologia Do ExercÃcio, 2018, 17, 195.	0.0	0
560	The Effect of resistance training on GLUT4 expression in muscle tissue, glucose and insulin resistance in rats. Majallah-i DÄnishgÄh-i â€™UlÅ«m-i PizishkÄ«-i Ä³lÄm, 2019, 26, 46-57.	0.1	0
561	Multivariate ANOVA (MANOVA). , 2019, , 293-310.		0
562	Acute and chronic glycemic effects of aerobic training in patients with type 2 diabetes. Revista Brasileira De Atividade FÃsica E SaÃºde, 0, 23, 1-8.	0.1	0
563	Effect of Eight Weeks of Concurrent Training on Liver Enzymes, Lipid Profile, and Insulin Resistance Among Overweight Male Children. Ufuq-i DÄnish, 2019, 25, 312-323.	0.3	1
566	EFEKTI KREATIN MONOHIDRATA NA SNAGU I TJELESNU KOMPOZICIJU. Sport I Zdravlje, 2020, 15, .	0.0	0
567	Perceived Changes in General Well-being: Findings from the â€˜MOVEdiabetesâ€™ Physical Activity Randomized Control Trial. Oman Medical Journal, 2020, 35, e149-e149.	0.3	4
568	Introduction to Pre-operative Exercise Prescription and Physical Activity Promotion for Clinicians and Exercise Professionals. Current Anesthesiology Reports, 2022, 12, 156-165.	0.9	1
569	Effect of a 5-month exercise program on blood pressure and glucose: A case study of a 68-year-old woman with diabetes mellitus type II and hypertension. Biomedical Human Kinetics, 2020, 12, 182-186.	0.2	1
570	Primary Prevention of Cardiovascular Disease Guidelines. Contemporary Cardiology, 2021, , 653-672.	0.0	0
571	The role of physical activity in the obesity epidemic. , 2020, , 109-115.		0
572	Impact of Exercise on Cardiovascular Risk Factors: Diabetes Mellitus. , 2020, , 769-792.		0
573	PHYSICAL TRAINING ON GLYCEMIA AND OXIDATIVE STRESS IN TYPE 2 DIABETES: A SYSTEMATIC REVIEW. Revista Brasileira De Medicina Do Esporte, 2020, 26, 70-76.	0.1	1
574	Diet-induced weight loss alters hepatic glucocorticoid metabolism in type 2 diabetes mellitus. European Journal of Endocrinology, 2020, 182, 447-457.	1.9	9

#	Article	IF	Citations
575	Evaluation and Treatment of Obesity in Primary Care. , 2014, , 271-286.		0
576	Adaptive Responses to Weight Loss. , 2014, , 97-111.		0
577	Effects of 2 Models of Aquatic Exercise Training on Cardiorespiratory Responses of Patients With Type 2 Diabetes: The Diabetes and Aquatic Training Studyâ€"A Randomized Controlled Trial. Journal of Physical Activity and Health, 2020, 17, 1091-1099.	1.0	3
578	Effects of six months of combined aerobic and resistance training for elderly patients with a long history of type 2 diabetes. Journal of Sports Science and Medicine, 2012, 11, 495-501.	0.7	40
579	Modeling Percentile Rank of Cardiorespiratory Fitness Across the Lifespan. Cardiopulmonary Physical Therapy Journal, 2015, 26, 108-113.	0.2	6
580	Effects of Exercise in the Fasted and Postprandial State on Interstitial Glucose in Hyperglycemic Individuals. Journal of Sports Science and Medicine, 2017, 16, 254-263.	0.7	18
581	Effects of Moderate-Intensity Aerobic Exercise on Blood Glucose Levels and Pregnancy Outcomes in Patients With Gestational Diabetes Mellitus: A Randomized Controlled Trial. Diabetes Therapy, 2021, 12, 2585-2598.	1.2	1
582	Effectiveness of combined exercise in people with type 2 diabetes and concurrent overweight/obesity: a systematic review and meta-analysis. BMJ Open, 2021, 11, e046252.	0.8	5
583	Chinese Guideline on the Primary Prevention of Cardiovascular Diseases. Cardiology Discovery, 2021, 1, 70-104.	0.6	13
584	The Effect of Physical Activity on Glycemic Variability in Patients With Diabetes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Frontiers in Endocrinology, 2021, 12, 767152.	1.5	8
585	Differential effects of sex on adaptive responses of skeletal muscle vasodilation to exercise training in type 2 diabetes. Journal of Diabetes and Its Complications, 2021, 36, 108098.	1.2	2
587	Integrated exercise and glycemic and peripheral sensation control in diabetic neuropathy: A single-blind, randomized controlled trial. International Journal of Preventive Medicine, 2021, 12, 169.	0.2	3
588	Mechanisms underlying the pathophysiology of type 2 diabetes: From risk factors to oxidative stress, metabolic dysfunction, and hyperglycemia. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 874-875, 503437.	0.9	34
590	Effect of resistance training on general health, happiness and its correlation with glycemic control in diabetic men with peripheral neuropathy. Koomesh, 2021, 23, 433-440.	0.1	1
591	Effectiveness and acceptability of a pragmatic exercise intervention for patients with type 2 diabetes in specialized care. Diabetes Research and Clinical Practice, 2022, 183, 109176.	1.1	2
592	Lifestyle Modification in the Management of Metabolic Syndrome: Statement From Korean Society of CardioMetabolic Syndrome (KSCMS). Korean Circulation Journal, 2022, 52, 93.	0.7	18
593	Exercise/Physical Activity in Individuals with Type 2 Diabetes: A Consensus Statement from the American College of Sports Medicine. Medicine and Science in Sports and Exercise, 2022, 54, 353-368.	0.2	209
594	Increases in Muscle-Strengthening Activities Among Latinas in Seamos Saludables. Health Education and Behavior, 2022, 49, 446-454.	1.3	2

#	Article	IF	Citations
595	The Evidence for Exercise in Medicine â€" A New Review Series. , 2022, 1, .		4
596	Association between Physical Exercise and Glycated Hemoglobin Levels in Korean Patients Diagnosed with Diabetes. International Journal of Environmental Research and Public Health, 2022, 19, 3280.	1.2	4
597	Estimation of maximal oxygen uptake using the heart rate ratio method in male recreational football players. European Journal of Applied Physiology, 2022, 122, 1421-1428.	1.2	1
598	Effect of resistance training on HbA1c in adults with type 2 diabetes mellitus and the moderating effect of changes in muscular strength: a systematic review and meta-analysis. BMJ Open Diabetes Research and Care, 2022, 10, e002595.	1.2	23
599	Exercise Interventions Combined With Dietary Supplements in Type 2 Diabetes Mellitus Patientsâ€"A Systematic Review of Relevant Health Outcomes. Frontiers in Nutrition, 2022, 9, 817724.	1.6	4
600	Muscular carnosine is a marker for cardiorespiratory fitness and cardiometabolic risk factors in men with type 1 diabetes. European Journal of Applied Physiology, 2022, , 1.	1.2	0
601	Dose-Dependent Effect of Supervised Aerobic Exercise on HbA1c in Patients with Type 2 Diabetes: A Meta-analysis of Randomized Controlled Trials. Sports Medicine, 2022, 52, 1919-1938.	3.1	17
602	The effect of functional training on level of brain-derived neurotrophic factor and functional performance in women with obesity. Physiology and Behavior, 2022, 251, 113798.	1.0	3
603	Bibliometric and Visualized Analysis of 2011â€"2020 Publications on Physical Activity Therapy for Diabetes. Frontiers in Medicine, 2022, 9, 807411.	1.2	5
604	Effects of resistance exercise on blood glucose level and pregnancy outcome in patients with gestational diabetes mellitus: a randomized controlled trial. BMJ Open Diabetes Research and Care, 2022, 10, e002622.	1.2	5
605	Social Distancing, Physical Activity, and COVID-19: Implications for Type 1 Diabetes Mellitus in Brazil. International Journal of Environmental Research and Public Health, 2021, 18, 12819.	1.2	6
606	â€œI Tried Forcing Myself to do It, but Then It Becomes a Boring Choreâ€: Understanding (dis)engagement in Physical Activity Among Individuals With Type 2 Diabetes Using a Practice Theory Approach. Qualitative Health Research, 2022, 32, 520-530.	1.0	9
607	IMPACT OF TREADMILL RUNNING ON BLOOD GLUCOSE LEVEL OF TYPE 2 DIABETES MELLITUS PATIENTS IN GHURKI TRUST AND TEACHING HOSPITAL. Pakistan Biomedical Journal, 2021, 4, .	0.0	0
608	5. Facilitating Behavior Change and Well-being to Improve Health Outcomes:Standards of Medical Care in Diabetesâ€"2022. Diabetes Care, 2022, 45, S60-S82.	4.3	177
609	Dynamics of body weight during lifestyle modification in patients with high cardiovascular risk, depending on the carriage of various variants of thrifty genes. Ukrainian Therapeutical Journal, 2021, , .	0.0	0
610	Effectiveness of combined exercise in people with type 2 diabetes and concurrent overweight/obesity: a systematic review and meta-analysis. BMJ Open, 2021, 11, e046252.	0.8	23
623	Exercise across the lifespan: Exercise and obesity. , 2022, , 97-115.		1
625	The association between sedentary behaviour, physical activity and type 2 diabetes markers: A systematic review of mixed analytic approaches. PLoS ONE, 2022, 17, e0268289.	1.1	14

#	Article	IF	Citations
626	Combined association of cardiorespiratory fitness and muscle mass with prevalence of diabetes mellitus: WASEDAâ€™S Health Study. The Journal of Physical Fitness and Sports Medicine, 2022, 11, 189-195.	0.2	0
628	Evolution of the diagnostic value of â€œthe sugar of the bloodâ€: hitting the sweet spot to identify alterations in glucose dynamics. Physiological Reviews, 2023, 103, 7-30.	13.1	2
629	Transforming Motivation for Exercise in a Safe and Kind Environmentâ€”A Qualitative Study of Experiences among Individuals with Type 2 Diabetes. International Journal of Environmental Research and Public Health, 2022, 19, 6091.	1.2	3
630	COMbined Exercise Trial (COMET) to improve cognition in older adults: Rationale and methods. Contemporary Clinical Trials, 2022, 118, 106805.	0.8	3
632	Impact of concurrent training versus aerobic or resistance training on cardiorespiratory fitness and muscular strength in middle-aged to older adults: A systematic review and meta-analysis. Physiology and Behavior, 2022, 254, 113888.	1.0	11
633	Improved Aerobic Capacity and Adipokine Profile Together with Weight Loss Improve Glycemic Control without Changes in Skeletal Muscle GLUT-4 Gene Expression in Middle-Aged Subjects with Impaired Glucose Tolerance. International Journal of Environmental Research and Public Health, 2022, 19, 8327.	1.2	4
634	Differential Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Sensitivity and Glucose Homeostasis: A Narrative Review. Sports Medicine - Open, 2022, 8, .	1.3	6
635	The effect of 12 weeks aerobic, resistance and combined trainings on peripheral vascular disease in type 2 diabetes with peripheral neuropathy in men. Obesity Medicine, 2022, , 100439.	0.5	0
636	Interindividual Differences in Trainability and Moderators of Cardiorespiratory Fitness, Waist Circumference, and Body Mass Responses: A Large-Scale Individual Participant Data Meta-analysis. Sports Medicine, 2022, 52, 2837-2851.	3.1	13
637	Aquatic Aerobic and Combined Training in Management of Type 2 Diabetes: The Diabetes and Aquatic Training Study (DATS): A Randomized Clinical Trial. Journal of Physical Activity and Health, 2022, 19, 578-587.	1.0	0
638	American Association of Clinical Endocrinology Clinical Practice Guideline: Developing a Diabetes Mellitus Comprehensive Care Planâ€”2022 Update. Endocrine Practice, 2022, 28, 923-1049.	1.1	146
639	Aerobic or Muscle-Strengthening Physical Activity: Which Is Better for Health?. Current Sports Medicine Reports, 2022, 21, 272-279.	0.5	4
640	The effects of Tai Chi on glucose and lipid metabolism in patients with diabetes mellitus: A meta-analysis. Complementary Therapies in Medicine, 2022, 71, 102871.	1.3	7
641	Effects of Acute and Chronic Exercise in Hypoxia on Cardiovascular and Glycemic Parameters in Patients with Type 2 Diabetes: A Systematic Review. High Altitude Medicine and Biology, 2022, 23, 301-312.	0.5	2
642	Exercise Combined with a Chinese Medicine Herbal Tea for Patients with Type 2 Diabetes Mellitus: A Randomized Controlled Trial. , 2022, 28, 878-886.		2
643	Nomogram based on multimodal echocardiography for assessing the evolution of diabetic cardiomyopathy in diabetic patients with normal cardiac function. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	0
644	In vitro skeletal muscle models for type 2 diabetes. Biophysics Reviews, 2022, 3, 031306.	1.0	4
645	The Effects of a Lifestyle Intervention Supported by the InterWalk Smartphone App on Increasing Physical Activity Among Persons With Type 2 Diabetes: Parallel-Group, Randomized Trial. JMIR MHealth and UHealth, 2022, 10, e30602.	1.8	2

#	Article	IF	Citations
646	Worksite-based intensive lifestyle therapy has profound cardiometabolic benefits in people with obesity and type 2 diabetes. Cell Metabolism, 2022, 34, 1431-1441.e5.	7.2	10
647	Cardiorespiratory Benefits of Exercise. , 0, , .		1
648	Dynamic Resistance Exercise Alters Blood ApoA-I Levels, Inflammatory Markers, and Metabolic Syndrome Markers in Elderly Women. Healthcare (Switzerland), 2022, 10, 1982.	1.0	0
649	Mechanisms and pharmacotherapy of hypertension associated with type 2 diabetes. Biochemical Pharmacology, 2022, 206, 115304.	2.0	5
650	Physical activity, cardiorespiratory fitness, and cardiovascular health: A clinical practice statement of the American Society for Preventive Cardiology Part II: Physical activity, cardiorespiratory fitness, minimum and goal intensities for exercise training, prescriptive methods, and special patient populations. American Journal of Preventive Cardiology, 2022, 12, 100425.	1.3	16
651	The role of physical activity in the regulation of body weight: The overlooked contribution of light physical activity and sedentary behaviors. Obesity Reviews, 2023, 24, .	3.1	2
652	Obesity Treatment in Orthopaedic Surgery. Journal of the American Academy of Orthopaedic Surgeons, The, 2022, 30, e1563-e1570.	1.1	3
653	A personalized multi-interventional approach focusing on customized nutrition, progressive fitness, and lifestyle modification resulted in the reduction of HbA1c, fasting blood sugar and weight in type 2 diabetes: a retrospective study. BMC Endocrine Disorders, 2022, 22, .	0.9	3
654	Clinically Relevant Decreases in Neck/Shoulder Pain among Office Workers Are Associated with Strength Training Adherence and Exercise Compliance: Explorative Analyses from a Randomized Controlled Trial. Physical Therapy, 0, , .	1.1	1
655	Obesity in South and Southeast Asiaâ€"A new consensus on care and management. Obesity Reviews, 2023, 24, .	3.1	22
656	Effectiveness of a Community-Based Structured Physical Activity Program for Adults With Type 2 Diabetes. JAMA Network Open, 2022, 5, e2247858.	2.8	2
657	Benefits of intensified reductions in blood glucose and in blood pressure for patients with type 2 diabetes. Presse Medicale, 2023, 52, 104160.	0.8	1
658	5. Facilitating Positive Health Behaviors and Well-being to Improve Health Outcomes:Standards of Care in Diabetesâ€"2023. Diabetes Care, 2023, 46, S68-S96.	4.3	124
659	Dietary Pattern Associated with the Risk of Poor Glycemic Control in Chinese Diabetic Adults: Results from the China Nutrition and Health Surveillance 2015â€"2017 Survey. Nutrients, 2023, 15, 56.	1.7	2
660	Effects of eight-week aerobic exercises combined with resistance training on cardiovascular risk factors in women. Biomedical Human Kinetics, 2023, 15, 1-8.	0.2	3
661	Exercise Training, Cardiac Biomarkers, and Cardiorespiratory Fitness in TypeÂ2ÂDiabetes. , 2023, 2, 100174.		2
662	Cardiac Biomarkers and Exercise Training in People With Diabetes. , 2023, 2, 100193.		0
663	The importance of exercise for glycemic control in type 2 diabetes. , 2023, 9, 100031.		9

#	Article	IF	Citations
664	Communication Strategies and Resources for Health and Fitness Professionals to Minimize Diabetes-Related Social Stigma. ACSM's Health and Fitness Journal, 2023, 27, 54-58.	0.3	0
665	The anti-inflammatory effects of aerobic exercise training in patients with type 2 diabetes: A systematic review and meta-analysis. Cytokine, 2023, 164, 156157.	1.4	12
666	Exercise: A Powerful Tool to Manage Type 2 Diabetes in the Ageing Population. European Medical Journal Diabetes, 0, , 99-104.	4.0	0
667	Low thigh muscle strength in relation to myosteatosis in patients with type 2 diabetes mellitus. Scientific Reports, 2023, 13, .	1.6	2
668	Intensity Differences of Resistance Training for Type 2 Diabetic Patients: A Systematic Review and Meta-Analysis. Healthcare (Switzerland), 2023, 11, 440.	1.0	2
669	A machine-learning algorithm integrating baseline serum proteomic signatures predicts exercise responsiveness in overweight males with prediabetes. Cell Reports Medicine, 2023, 4, 100944.	3.3	2
670	Detrimental Changes in Health during Menopause: The Role of Physical Activity. International Journal of Sports Medicine, 2023, 44, 389-396.	0.8	1
672	The Association of Physical Activity Behaviors and Patterns With Aging Acceleration: Evidence From the UKÂBiobank. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 0, , .	1.7	0
673	Validity and sensitivity of field testsâ€™ heart-rate recovery assessment in recreational football players. PLoS ONE, 2023, 18, e0282058.	1.1	0
674	Relationship between healthy habits and sociodemographic variables and risk of diabetes type 2. African Health Sciences, 2022, 22, 133-139.	0.3	1
675	Statistical and methodological considerations for randomized-controlled trial design in physical medicine and rehabilitation. American Journal of Physical Medicine and Rehabilitation, 0, Publish Ahead of Print, .	0.7	0
677	Motor Neuropathy in Diabetes. Contemporary Diabetes, 2023, , 183-201.	0.0	0
678	Electrically assisted cycling for individuals with type 2 diabetes mellitus: a pilot randomized controlled trial. Pilot and Feasibility Studies, 2023, 9, .	0.5	4
679	Physical Inactivity, Sedentarism, and Low Fitness: A Worldwide Pandemic for Public Health. Integrated Science, 2023, , 429-447.	0.1	0
689	Lifestyle and Nutrition Therapy. Contemporary Cardiology, 2023, , 785-823.	0.0	0
692	ErnÃhrung und Lymphologie. Insulinresistenz und Inflammation. , 2023, , 501-511.		0
713	Einfluss von kombiniertem Ausdauer- und Krafttraining auf die KÃ¶rperzusammensetzung und Gesundheit. , 2023, , 327-342.		0
715	Role of exercise in the prevention and treatment of metabolic syndrome. , 2024, , 367-381.		0

#	Article	IF	Citations
723	Laboratory Medicine and Exercise. , 2023, , 597-599.		0