

CITATION REPORT

List of articles citing

Anti-inflammatory effect of exercise training in subjects with type 2 diabetes and the metabolic syndrome is dependent on exercise modalities and independent of weight loss

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#	Paper	IF	Citations
364	Resistance exercise training lowers HbA1c more than aerobic training in adults with type 2 diabetes. 2009 , 1, 27		47
363	Physical activity and breast cancer prevention. 2011 , 186, 13-42		146
362	Aptitude physique versus adiposité: impacts métaboliques respectifs chez le sujet avec une diminution de la tolérance au glucose ou un diabète de type 2. 2010 , 4, 673-680		2
361	Physical activity and breast cancer: review of the epidemiologic evidence and biologic mechanisms. 2011 , 188, 125-39		157
360	State of the epidemiological evidence on physical activity and cancer prevention. 2010 , 46, 2593-604		328
359	Inflammation, sanitation, and consternation: loss of contact with coevolved, tolerogenic microorganisms and the pathophysiology and treatment of major depression. 2010 , 67, 1211-24		135
358	Aerobic and resistance training effects compared to aerobic training alone in obese type 2 diabetic patients on diet treatment. 2011 , 94, 395-403		37
357	Long-term effects of aerobic plus resistance training on the metabolic syndrome and adiponectinemia in obese adolescents. 2011 , 13, 343-50		45
356	Green tea minimally affects biomarkers of inflammation in obese subjects with metabolic syndrome. 2011 , 27, 206-13		131
355	Effects of exercise on inflammation markers in type 2 diabetic subjects. 2011 , 48, 183-9		81
354	Is depression an inflammatory disorder?. 2011 , 13, 467-75		385
353	Physical activity, high-sensitivity C-reactive protein, and total and cardiovascular disease mortality in type 2 diabetes. 2011 , 34, 1492-6		23
352	Aging, resistance training, and diabetes prevention. 2010 , 2011, 127315		39
351	The effects of exercise withdrawal on mood and inflammatory cytokine responses in humans. 2011 , 14, 439-47		19
350	Self-reported and objectively measured activity related to biomarkers using NHANES. 2011 , 43, 815-21		120
349	Exercise and the cardiovascular system. 2012 , 2012, 210852		39
348	Effect of exercise training modality on C-reactive protein in type 2 diabetes. 2012 , 44, 1028-34		18

347	Resistance training reduces subclinical inflammation in obese, postmenopausal women. 2012 , 44, 2099-110	90
346	Supervised exercise training counterbalances the adverse effects of insulin therapy in overweight/obese subjects with type 2 diabetes. 2012 , 35, 39-41	23
345	Lifestyle Measures to Reduce Inflammation. 2012 , 6, 4-13	9
344	Inflammation: Continued Support for a Small Changes Approach. 2012 , 6, 18-20	
343	Physical exercise, fasting glucose, and renal hyperfiltration in the general population: the Renal Iohexol Clearance Survey in Tromsø (RENIS-T6). 2012 , 7, 1801-10	31
342	Inflammation, diabetes, and chronic kidney disease: role of aerobic capacity. 2012 , 2012, 750286	11
341	Antioxidant and anti-inflammatory effects of exercise in diabetic patients. 2012 , 2012, 941868	85
340	Changing physical activity behavior in type 2 diabetes: a systematic review and meta-analysis of behavioral interventions. 2012 , 35, 2681-9	216
339	Determination of inflammatory and prominent proteomic changes in plasma and adipose tissue after high-intensity intermittent training in overweight and obese males. 2012 , 112, 1353-60	74
338	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. 2012 , 98, 349-60	108
337	Pedometer-determined physical activity is linked to low systemic inflammation and low arterial stiffness in Type 2 diabetes. 2012 , 29, 1119-25	40
336	Exercise and the aging immune system. 2012 , 11, 404-20	154
335	The effect of various intensities of physical activity and chronic inflammation in men and women by diabetes status in a national sample. 2012 , 97, e6-8	18
334	Effect of exercise training on inflammation status among people with metabolic syndrome. 2012 , 10, 267-72	40
333	Discovery of a new role of human resistin in hepatocyte low-density lipoprotein receptor suppression mediated in part by proprotein convertase subtilisin/kexin type 9. 2012 , 59, 1697-705	93
332	Hypoglycaemia in hospitalized non-diabetic older people. Review. 2012 , 3, 174-178	3
331	The effect of eight weeks of aerobic training on the plasma level of adiponectin, leptin, and resistin in healthy middle-aged men. 2012 , 27, 351-356	5
330	The effects of resistance training on ApoB/ApoA-I ratio, Lp(a) and inflammatory markers in patients with type 2 diabetes. 2012 , 42, 561-9	34

329	Influence of lifestyle factors on inflammation in men and women with type 2 diabetes: results from the National Health and Nutrition Examination Survey, 1999-2004. 2012 , 44, 399-407	14
328	An overview of the contribution of fatness and fitness factors, and the role of exercise, in the formation of health status for individuals who are overweight. 2012 , 11, 19	12
327	Combined exercise for people with type 2 diabetes mellitus: a systematic review. 2012 , 98, 187-98	40
326	Impact of physical activity on inflammation: effects on cardiovascular disease risk and other inflammatory conditions. 2012 , 8, 794-804	95
325	Physical training prevents body weight gain but does not modify adipose tissue gene expression. 2012 , 45, 988-94	5
324	Exercise-induced Signals for Vascular Endothelial Adaptations: Implications for Cardiovascular Disease. 2012 , 6, 331-346	32
323	Effect of exercise training intensity on murine T-regulatory cells and vaccination response. 2012 , 22, 643-52	87
322	Resistance training, visceral obesity and inflammatory response: a review of the evidence. 2012 , 13, 578-91	64
321	Inflammatory biomarkers for predicting cardiovascular disease. 2013 , 46, 1353-71	101
320	Effects of habitual t'ai chi exercise on adiponectin, glucose homeostasis, lipid profile, and atherosclerotic burden in individuals with cardiovascular risk factors. 2013 , 19, 697-703	6
319	IL-15 that a regulator of TNF- α in patients with diabetes mellitus type 2. 2013 , 80, 776-7	17
318	Effects of chronic exercise training on inflammatory markers in Australian overweight and obese individuals in a randomized controlled trial. 2013 , 36, 625-32	31
317	Different modalities of exercise to reduce visceral fat mass and cardiovascular risk in metabolic syndrome: the RESOLVE randomized trial. 2013 , 168, 3634-42	68
316	Elevated concentration of oxidized LDL together with poor cardiorespiratory and abdominal muscle fitness predicts metabolic syndrome in young men. 2013 , 62, 992-9	13
315	Effect of different exercise modalities plus a hypocaloric diet on inflammation markers in overweight patients: a randomised trial. 2013 , 32, 511-8	15
314	The differential anti-inflammatory effects of exercise modalities and their association with early carotid atherosclerosis progression in patients with type 2 diabetes. 2013 , 30, e41-50	67
313	Factors determining high-sensitivity C-reactive protein values in the Spanish population. Di@bet.es study. 2013 , 43, 1-10	11
312	Effects of exercise training on chronic inflammation in obesity : current evidence and potential mechanisms. 2013 , 43, 243-56	159

311	The effect of exercise on the cardiovascular risk factors constituting the metabolic syndrome: a meta-analysis of controlled trials. 2013 , 43, 121-33		174
310	Association of hepatic insulin resistance indexes to nonalcoholic fatty liver disease and related biomarkers. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1182-7	4-5	19
309	Physical activity in obesity and metabolic syndrome. 2013 , 1281, 141-59		135
308	Comparative effects of single-mode vs. duration-matched concurrent exercise training on body composition, low-grade inflammation, and glucose regulation in sedentary, overweight, middle-aged men. 2013 , 38, 779-88		31
307	A single bout of downhill running transiently increases HOMA-IR without altering adipokine response in healthy adult women. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2925-32	3-4	21
306	Immune Function, Nutrition, and Exercise. 2013 , 83-93		
305	Exercise standards for testing and training: a scientific statement from the American Heart Association. 2013 , 128, 873-934		1060
304	Resistance training decreases serum inflammatory markers in diabetic rats. 2013 , 43, 564-70		19
303	An interprofessional palliative care oncology rehabilitation program: effects on function and predictors of program completion. 2013 , 20, 301-9		48
302	Recent advances in obesity-induced inflammation and insulin resistance. 2013 , 4, 93		128
301	Hyperresistinemia is associated with postmenopausal breast cancer. 2013 , 20, 845-51		42
300	Exercise and Immunosenescence. 2013 , 159-178		
299	Reducing the intensity and volume of interval training diminishes cardiovascular adaptation but not mitochondrial biogenesis in overweight/obese men. <i>PLoS ONE</i> , 2013 , 8, e68091	3-7	65
298	Physical Activity, Type 2 Diabetes, and Ethnicity: Recent Findings and Implications. 2013 , 7, 104-114		4
297	Short-term exercise training improves insulin sensitivity but does not inhibit inflammatory pathways in immune cells from insulin-resistant subjects. 2013 , 2013, 107805		13
296	Exercise and the aging endothelium. 2013 , 2013, 789607		23
295	The effect of physical activity on mediators of inflammation. 2013 , 15 Suppl 3, 51-60		153
294	Metabolic and anti-inflammatory effects of a home-based programme of aerobic physical exercise. 2013 , 67, 1247-53		47

293	The evolutionary significance of depression in Pathogen Host Defense (PATHOS-D). 2013 , 18, 15-37	164
292	A Comparison of the Effects of Aerobic and Intense Exercise on the Type 2 Diabetes Mellitus Risk Marker Adipokines, Adiponectin and Retinol Binding Protein-4. 2014 , 2014, 358058	10
291	Markers of liver function and inflammatory cytokines modulation by aerobic versus resisted exercise training for nonalcoholic steatohepatitis patients. 2014 , 14, 551-7	9
290	Impact of moderate versus mild aerobic exercise training on inflammatory cytokines in obese type 2 diabetic patients: a randomized clinical trial. 2013 , 13, 857-63	22
289	Benefits of exercise intervention in reducing neuropathic pain. 2014 , 8, 102	70
288	Aerobic exercise training reduces arterial stiffness in metabolic syndrome. 2014 , 116, 1396-404	66
287	The effect of a community-based, primary health care exercise program on inflammatory biomarkers and hormone levels. 2014 , 2014, 185707	6
286	Interleukin-6 and vitamin D status during high-intensity resistance training in patients with chronic kidney disease. 2014 , 2014, 176190	6
285	Treatment for overweight and obesity in adult populations: a systematic review and meta-analysis. 2014 , 2, E306-17	53
284	Effects of concurrent training on inflammatory markers and expression of CD4, CD8, and HLA-DR in overweight and obese adults. 2014 , 12, 55-61	7
283	Effect of an IT-supported home-based exercise programme on metabolic syndrome in India. 2014 , 20, 250-258	6
282	Effect of improved fitness beyond weight loss on cardiovascular risk factors in individuals with type 2 diabetes in the Look AHEAD study. 2014 , 21, 608-17	30
281	Erythropoietin-induced hypertension and vascular injury in mice overexpressing human endothelin-1: exercise attenuated hypertension, oxidative stress, inflammation and immune response. 2014 , 32, 784-94	22
280	Skeletal muscle nitric oxide (NO) synthases and NO-signaling in "diabesity"--what about the relevance of exercise training interventions?. 2014 , 37, 28-40	24
279	Effects of exercise on C-reactive protein, inflammatory cytokine and adipokine in patients with type 2 diabetes: a meta-analysis of randomized controlled trials. 2014 , 63, 431-40	149
278	Low-grade systemic inflammation and leptin levels were improved by arm cranking exercise in adults with chronic spinal cord injury. 2014 , 95, 297-302	55
277	The association between cardiovascular risk factors and high blood pressure in adolescents: a school-based study. 2014 , 26, 518-22	13
276	Adiponectin effects on the kidney. 2014 , 28, 71-9	33

275	Small-sided games training reduces CRP, IL-6 and leptin in sedentary, middle-aged men. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2289-97	3.4	23
274	Effects of diet-induced obesity and voluntary exercise in a tauopathy mouse model: implications of persistent hyperleptinemia and enhanced astrocytic leptin receptor expression. 2014 , 71, 180-92		34
273	Impact of different training modalities on glycaemic control and blood lipids in patients with type 2 diabetes: a systematic review and network meta-analysis. 2014 , 57, 1789-97		132
272	Resistance exercise training-induced decrease in circulating inflammatory CD14+CD16+ monocyte percentage without weight loss in older adults. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1737-48	2.4	20
271	Reductions in C-reactive protein in older adults with type 2 diabetes are related to improvements in body composition following a randomized controlled trial of resistance training. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014 , 5, 111-20	10.3	51
270	The expression of cytokines and chemokines in the blood of patients with severe weight loss from anorexia nervosa: an exploratory study. 2014 , 69, 110-5		20
269	Association between physical activity advice only or structured exercise training with blood pressure levels in patients with type 2 diabetes: a systematic review and meta-analysis. 2014 , 44, 1557-72		39
268	Objectively measured physical activity and inflammatory cytokine levels in middle-aged Japanese people. 2014 , 64, 81-7		19
267	The impact of change in physical activity on change in arterial stiffness in overweight or obese sedentary young adults. 2014 , 19, 257-263		20
266	Effects of walking on low-grade inflammation and their implications for Type 2 Diabetes. 2015 , 2, 538-47		18
265	Early sport practice is related to lower prevalence of cardiovascular and metabolic outcomes in adults independently of overweight and current physical activity. 2015 , 51, 336-42		15
264	Effects of combined aerobic and resistance training on the glycolipid metabolism and inflammation levels in type 2 diabetes mellitus. 2015 , 27, 2365-71		27
263	Epidemiology, aetiology, pathogenesis and management of diabetes in older people. 2015 , 207-217		
262	Effect of 12 Weeks of Periodized Resistance Training Upon Total Plasma Adiponectin Concentration in Healthy Young Men. 2015 , 29, 3097-104		4
261	Cross-Sectional and Prospective Associations between Physical Activity and C-Reactive Protein in Males. <i>PLoS ONE</i> , 2015 , 10, e0125984	3.7	1
260	The Link between Fetal Programming, Inflammation, Muscular Strength, and Blood Pressure. 2015 , 2015, 710613		20
259	Effects of concurrent training on oxidative stress and insulin resistance in obese individuals. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 697181	6.7	13
258	Exercise in pregnancy does not alter gestational weight gain, MCP-1 or leptin in obese women. 2015 , 55, 27-33		23

257	Diet, exercise or diet with exercise: comparing the effectiveness of treatment options for weight-loss and changes in fitness for adults (18-65 years old) who are overfat, or obese; systematic review and meta-analysis. 2015 , 14, 31		65
256	Determining how best to support overweight adults to adhere to lifestyle change: protocol for the SWIFT study. 2015 , 15, 861		15
255	An Intensive Locomotor Training Paradigm Improves Neuropathic Pain following Spinal Cord Compression Injury in Rats. 2015 , 32, 622-32		31
254	The effect of endurance training and downhill running on the expression of IL-1 β , IL-6, and TNF- α and HSP72 in rat skeletal muscle. 2015 , 73, 302-8		18
253	Effect of combined training versus aerobic training alone on glucose control and risk factors for complications in type 2 diabetic patients: a meta-analysis. <i>International Journal of Diabetes in Developing Countries</i> , 2015 , 35, 524-532	0.8	4
252	Physical inactivity of adults and 1-year health care expenditures in Brazil. 2015 , 60, 309-16		38
251	Combined Training Reduces Subclinical Inflammation in Obese Middle-Age Men. 2015 , 47, 2207-15		32
250	Exercise and the microbiota. 2015 , 6, 131-6		94
249	Effects of home-based bench step exercise on inflammatory cytokines and lipid profiles in elderly Japanese females: A randomized controlled trial. 2015 , 61, 443-51		27
248	Oxidative stress is decreased in physically active sickle cell SAD mice. 2015 , 168, 747-56		26
247	Does 8 weeks of strenuous bicycle exercise improve diabetes-related inflammatory cytokines and free fatty acids in type 2 diabetes patients and individuals at high-risk of metabolic syndrome?. 2015 , 121, 129-38		15
246	Gut Microbiome: What We Do and Don't Know. 2015 , 30, 734-46		149
245	A hypothesis for a possible synergy between ghrelin and exercise in patients with cachexia: Biochemical and physiological bases. 2015 , 85, 927-33		11
244	Effects of a caloric restriction weight loss diet on tryptophan metabolism and inflammatory biomarkers in overweight adults. 2015 , 54, 101-7		35
243	Effects of 8-week combined training on body composition, isokinetic strength, and cardiovascular disease risk factors in older women. 2015 , 27, 179-86		32
242	Links between osteoarthritis and diabetes: implications for management from a physical activity perspective. 2015 , 31, 67-87, viii		45
241	Plasma inflammatory biomarkers response to aerobic versus resisted exercise training for chronic obstructive pulmonary disease patients. 2016 , 16, 507-15		10
240	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. 2016 , 33, 309-333		19

239	Inflammatory Biomarkers' Response to Two Different Intensities of a Single Bout Exercise Among Soccer Players. 2016 , 18, e21498		20
238	Limited Effects of Endurance or Interval Training on Visceral Adipose Tissue and Systemic Inflammation in Sedentary Middle-Aged Men. 2016 , 2016, 2479597		14
237	The Acute Effects of Interval-Type Exercise on Glycemic Control in Type 2 Diabetes Subjects: Importance of Interval Length. A Controlled, Counterbalanced, Crossover Study. <i>PLoS ONE</i> , 2016 , 11, e0163562	3.7	6
236	Impact of physical exercise/activity on vascular structure and inflammation in pediatric populations: A literature review. 2016 , 21, 99-108		11
235	Exercise and Prostate Cancer: Evidence and Proposed Mechanisms for Disease Modification. 2016 , 25, 1281-8		14
234	Physical Activity Is Prospectively Associated With Adolescent Nonalcoholic Fatty Liver Disease. 2016 , 62, 110-7		5
233	The impact of exercise intensity on whole body and adipose tissue metabolism during energy restriction in sedentary overweight men and postmenopausal women. 2016 , 4, e13026		6
232	Physical Activity and Risk of Colon Cancer in Diabetic and Nondiabetic US Adults. 2016 , 91, 1693-1705		8
231	Regular walking improves plasma protein concentrations that promote blood hyperviscosity in women 65-74 yr with type 2 diabetes. 2016 , 64, 189-198		4
230	Glycemic reductions following water- and land-based exercise in patients with type 2 diabetes mellitus. 2016 , 24, 73-7		11
229	Exercise for the diabetic brain: how physical training may help prevent dementia and Alzheimer's disease in T2DM patients. 2016 , 53, 350-63		49
228	The combined effect of adiponectin and resistin on all-cause mortality in patients with type 2 diabetes: Evidence of synergism with abdominal adiposity. 2016 , 250, 23-9		7
227	Impact of aerobic exercise on levels of IL-4 and IL-10: results from two randomized intervention trials. 2016 , 5, 2385-97		15
226	Are glucose levels, glucose variability and autonomic control influenced by inspiratory muscle exercise in patients with type 2 diabetes? Study protocol for a randomized controlled trial. 2016 , 17, 38		4
225	Effects of lifestyle intervention on left ventricular regional myocardial function in metabolic syndrome patients from the RESOLVE randomized trial. 2016 , 65, 1350-60		11
224	High physical activity in young children suggests positive effects by altering autoantigen-induced immune activity. 2016 , 26, 441-50		8
223	A review of clinical effects associated with metabolic syndrome and exercise in prostate cancer patients. 2016 , 19, 323-332		15
222	Interleukin-6 and associated cytokine responses to an acute bout of high-intensity interval exercise: the effect of exercise intensity and volume. 2016 , 41, 803-8		50

221	Effects of 12 weeks of combined training without caloric restriction on inflammatory markers in overweight girls. 2016 , 34, 1902-12		32
220	Implications of exercise-induced adipo-myokines in bone metabolism. 2016 , 54, 284-305		71
219	Obesity and diabetes: An update. 2017 , 11, 73-79		110
218	Every exercise bout matters: linking systemic exercise responses to breast cancer control. 2017 , 162, 399-408		48
217	Exercise-induced biochemical changes and their potential influence on cancer: a scientific review. <i>British Journal of Sports Medicine</i> , 2017 , 51, 640-644	10.3	60
216	Associations of objective physical activity with insulin sensitivity and circulating adipokine profile: the Framingham Heart Study. 2017 , 7, 59-69		16
215	Effect of exercise training on C reactive protein: a systematic review and meta-analysis of randomised and non-randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2017 , 51, 670-676	10.3	121
214	An evaluation of low volume high-intensity intermittent training (HIIT) for health risk reduction in overweight and obese men. 2017 , 4, 17		8
213	Effects of progressive resistance training and weight loss versus weight loss alone on inflammatory and endothelial biomarkers in older adults with type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1669-1678	3.4	21
212	Acute high-intensity interval exercise reduces human monocyte Toll-like receptor 2 expression in type 2 diabetes. 2017 , 312, R529-R538		34
211	Exercise intensity, redox homeostasis and inflammation in type 2 diabetes mellitus. 2017 , 20, 893-898		20
210	Assessing the evidence: Exploring the effects of exercise on diabetic microcirculation. 2016 , 64, 663-678		4
209	Combined aerobic and resistance exercise training for improving reproductive function in infertile men: a randomized controlled trial. 2017 , 42, 1293-1306		19
208	Exercise and gut microbiota: clinical implications for the feasibility of Tai Chi. 2017 , 15, 270-281		15
207	Integrative Pain Management. 2017 , 101, 987-1004		19
206	Exercise-induced modulation of histone H4 acetylation status and cytokines levels in patients with schizophrenia. <i>Physiology and Behavior</i> , 2017 , 168, 84-90	3.5	32
205	Effects of Endurance Training on the Skeletal Muscle Nitric Oxide Metabolism in Insulin-Independent Type 2 Diabetic Men-A Pilot Study. 2017 , 15, 52-58		4
204	Effects of aerobic exercise on functional capacity, anthropometric measurements and inflammatory markers in diabetic elderly women. 2017 , 21, 509-516		5

203	Impact of aerobic water running training on peripheral immune-endocrine markers of overweight-obese women. 2017 , 32, 46-53		5
202	The ExPeCT (Examining Exercise, Prostate Cancer and Circulating Tumour Cells) trial: study protocol for a randomised controlled trial. 2017 , 18, 456		4
201	Targeting Inflammation and Downstream Protein Metabolism in Sarcopenia: A Brief Up-Dated Description of Concurrent Exercise and Leucine-Based Multimodal Intervention. 2017 , 8, 434		35
200	Physical Exercise on Inflammatory Markers in Type 2 Diabetes Patients: A Systematic Review of Randomized Controlled Trials. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8523728	6.7	24
199	Concurrent Aerobic and Resistance Training Has Anti-Inflammatory Effects and Increases Both Plasma and Leukocyte Levels of IGF-1 in Late Middle-Aged Type 2 Diabetic Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 3937842	6.7	25
198	The effect of exercise training on clinical outcomes in patients with the metabolic syndrome: a systematic review and meta-analysis. 2017 , 16, 110		87
197	The essential role of exercise in the management of type 2 diabetes. 2017 , 84, S15-S21		80
196	Does physical activity increase or decrease the risk of sickle cell disease complications?. <i>British Journal of Sports Medicine</i> , 2018 , 52, 214-218	10.3	24
195	Effect of aerobic and resistance training on inflammatory markers in heart failure patients: systematic review and meta-analysis. 2018 , 23, 209-223		17
194	Targeted plasma proteomics identifies a novel, robust association between cornulin and Swedish moist snuff. 2018 , 8, 2320		5
193	The Mediating Effects of Resilience, Morale, and Sense of Coherence Between Physical Activity and Perceived Physical/Mental Health Among Japanese Community-Dwelling Older Adults: A Cross-Sectional Study. <i>Journal of Aging and Physical Activity</i> , 2018 , 26, 544-552	1.6	9
192	The effect of 12 weeks of aerobic training on serum levels high sensitivity C-reactive protein, tumor necrosis factor-alpha, lipid profile and anthropometric characteristics in middle-age women patients with type 2 diabetes. 2018 , 12, 163-168		13
191	Personalized exercise dose prescription. 2018 , 39, 2346-2355		30
190	Impact of resistance training on body composition and metabolic syndrome variables during androgen deprivation therapy for prostate cancer: a pilot randomized controlled trial. 2018 , 18, 368		43
189	Acute exercise and periodized training in different environments affect histone deacetylase activity and interleukin-10 levels in peripheral blood of patients with type 2 diabetes. 2018 , 141, 132-139		11
188	May the force be with you: why resistance training is essential for subjects with type 2 diabetes mellitus without complications. 2018 , 62, 14-25		32
187	The Effect of Chronic Exercise Training on Leptin: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. 2018 , 48, 1437-1450		44
186	Combined aerobic and resistance training decreases inflammation markers in healthy men. 2018 , 28, 40-47		21

185	Exercise has the guts: How physical activity may positively modulate gut microbiota in chronic and immune-based diseases. 2018 , 50, 331-341	79
184	Obesity and metabolic syndrome in COPD: Is exercise the answer?. 2018 , 15, 173-181	14
183	Impact of weight reduction on insulin resistance, adhesive molecules and adipokines dysregulation among obese type 2 diabetic patients. 2018 , 18, 873-883	7
182	Back to basics with active lifestyles: exercise is more effective than metformin to reduce cardiovascular risk in older adults with type 2 diabetes. 2018 , 35, 363-372	3
181	Low back pain, obesity, and inflammatory markers: exercise as potential treatment. 2018 , 14, 168-174	20
180	Corneal Nerve Migration Rate in a Healthy Control Population. 2018 , 95, 672-677	4
179	Alteration of Metabosensitive Afferent Response With Aging: Exercised versus Non-exercised Rats. 2018 , 10, 367	2
178	Regular Practice of Moderate Physical Activity by Older Adults Ameliorates Their Anti-Inflammatory Status. 2018 , 10,	16
177	Adipose Tissue as an Endocrine Organ. 2018 ,	1
176	Exercise Increases Adiponectin and Reduces Leptin Levels in Prediabetic and Diabetic Individuals: Systematic Review and Meta-Analysis of Randomized Controlled Trials. 2018 , 6,	22
175	Aerobic training reduces blood pressure and waist circumference and increases HDL-c in metabolic syndrome: a systematic review and meta-analysis of randomized controlled trials. 2018 , 12, 580-588	15
174	Exercise Leads to Better Clinical Outcomes in Those Receiving Medication Plus Cognitive Behavioral Therapy for Major Depressive Disorder. 2018 , 9, 37	21
173	A single high-fat meal alters human soluble RAGE profiles and PBMC RAGE expression with no effect of prior aerobic exercise. 2018 , 6, e13811	5
172	Inflammatory cytokines and immune system modulation by aerobic versus resisted exercise training for elderly. 2018 , 18, 120-131	45
171	The Effects of Isoflavone Supplementation Plus Combined Exercise on Lipid Levels, and Inflammatory and Oxidative Stress Markers in Postmenopausal Women. 2018 , 10,	21
170	High-Intensity Exercise Prevents Disturbances in Lung Inflammatory Cytokines and Antioxidant Defenses Induced by Lipopolysaccharide. 2018 , 41, 2060-2067	9
169	Green tea consumption reduces apelin and orexin-A in overweight and obese women with different training modalities. 2018 , 14, 421-431	2
168	A pilot randomized aerobic exercise trial in older HIV-infected men: Insights into strategies for successful aging with HIV. <i>PLoS ONE</i> , 2018 , 13, e0198855	3-7 13

167	Type 2 diabetes mellitus risk and exercise: is resistin involved?. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 290-297	1.4	11
166	Preventing metabolic syndrome in morbid obesity with resistance training: Reporting interindividual variability. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 1368-1381	4.5	7
165	The effect of exercise on GABA signaling pathway in the model of chemically induced seizures. 2019 , 232, 116667		12
164	Aging Immunity and the Impact of Physical Exercise. 2019 , 2823-2879		
163	Aerobic exercise modulates cytokine profile and sleep quality in elderly. 2019 , 19, 2198-2207		16
162	Exercise and Omentin: Their Role in the Crosstalk Between Muscle and Adipose Tissues in Type 2 Diabetes Rat Models. 2018 , 9, 1881		8
161	Irisin interaction with adipose tissue secretions by exercise training and flaxseed oil supplement. 2019 , 18, 15		13
160	Maslinic acid derived from olive fruit in combination with resistance training improves muscle mass and mobility functions in the elderly. 2019 , 64, 224-230		17
159	Impact of endurance exercise and probiotic supplementation on the intestinal microbiota: a cross-over pilot study. 2019 , 5, 76		3
158	Systemic Inflammation in Metabolic Syndrome: Increased Platelet and Leukocyte Activation, and Key Role of CXCL1/CXCR1 and CCL2/CCR2 Axes in Arterial Platelet-Proinflammatory Monocyte Adhesion. 2019 , 8,		18
157	Effect of Strength Training on Lipid and Inflammatory Outcomes: Systematic Review With Meta-Analysis and Meta-Regression. 2019 , 16, 477-491		10
156	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. 2019 , 198, 160-188		39
155	Plasma retinol-binding protein-4 and tumor necrosis factor- α are reduced in postmenopausal women after combination of different intensities of circuit resistance training and Zataria supplementation. 2019 , 15, 551-558		14
154	Adiponectin-Consideration for its Role in Skeletal Muscle Health. 2019 , 20,		35
153	The Microbiome and Metabolome in Metabolic Syndrome. 2019 , 215-225		
152	A Metabolomics Approach to Investigate Kukoamine B-A Potent Natural Product With Anti-diabetic Properties. 2018 , 9, 1575		12
151	Combined Exercise Training Positively Affects Muscle Wasting in Tumor-Bearing Mice. 2019 , 51, 1387-1395		21
150	Twelve Weeks of Combined Resistance and Aerobic Exercise Improves Cardiometabolic Biomarkers and Enhances Red Blood Cell Hemorheological Function in Obese Older Men: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10

149	Dance Training Improves Cytokine Secretion and Viability of Neutrophils in Diabetic Patients. 2019 , 2019, 2924818	6
148	Effect of Exercise on Risk Factors of Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis. 2019 , 98, 103-116	20
147	Resistin: A reappraisal. 2019 , 178, 46-63	59
146	Does aerobic exercise induced-analgesia occur through hormone and inflammatory cytokine-mediated mechanisms in primary dysmenorrhea?. 2019 , 123, 50-54	17
145	Therapeutic Options Targeting Oxidative Stress, Mitochondrial Dysfunction and Inflammation to Hinder the Progression of Vascular Complications of Diabetes. 2018 , 9, 1857	47
144	Immune Function, Nutrition, and Exercise. 2019 , 83-95	2
143	Aerobic training reduces immune cell recruitment and cytokine levels in adipose tissue in obese mice. 2019 , 44, 512-520	6
142	Physical Activity Earlier in Life Is Inversely Associated With Insulin Resistance Among Adults in Japan. 2019 , 29, 57-60	4
141	Effects of Aerobic, Resistance, and Combined Exercise on Markers of Male Reproduction in Healthy Human Subjects: A Randomized Controlled Trial. 2019 , 33, 1130-1145	7
140	High-intensity interval training improves inflammatory and adipokine profiles in postmenopausal women with metabolic syndrome. 2019 , 125, 85-91	15
139	Anti-Inflammatory Effect of Exercise Mediated by Toll-Like Receptor Regulation in Innate Immune Cells - A Review. 2020 , 39, 39-52	17
138	Effect of high-intensity interval training on clinical and laboratory parameters of adolescents with attention deficit hyperactivity disorder. 2020 , 35, 207-215	2
137	Metrics of Diabetes Risk Are Only Minimally Improved by Exercise Training in Postmenopausal Breast Cancer Survivors. 2020 , 105,	1
136	High-dose vitamin D administration and resistance exercise training attenuate the progression of obesity and improve skeletal muscle function in obese p62-deficient mice. 2020 , 84, 14-24	1
135	Impact of combined training with different exercise intensities on inflammatory and lipid markers in type 2 diabetes: a secondary analysis from a 1-year randomized controlled trial. 2020 , 19, 169	11
134	Vitamin D and selected cytokine concentrations in postmenopausal women in relation to metabolic disorders and physical activity. 2020 , 141, 111107	3
133	Impact of aerobic exercise versus resisted exercise on endothelial activation markers and inflammatory cytokines among elderly. 2019 , 19, 2874-2880	9
132	Resistance training decreases plasma levels of adipokines in postmenopausal women. 2020 , 10, 19837	1

131	Regulation of adipose tissue inflammation and systemic metabolism in murine obesity by polymer implants loaded with lentiviral vectors encoding human interleukin-4. 2020 , 117, 3891-3901	2
130	Healthy brain, healthy life: a review of diet and exercise interventions to promote brain health and reduce Alzheimer's disease risk. 2020 , 45, 1055-1065	20
129	Relation of exercise and pain in patients with idiopathic distal axonal polyneuropathies. 2020 , 25, 388-394	2
128	Effects of peripheral and different inspiratory muscle training methods in coronary artery disease patients with metabolic syndrome: A randomized-controlled trial. 2020 , 172, 106119	2
127	Type 2 diabetes and reduced exercise tolerance: a review of the literature through an integrated physiology approach. 2020 , 19, 134	29
126	Resistance Training Associated with Dietetic Advice Reduces Inflammatory Biomarkers in the Elderly. 2020 , 2020, 7351716	4
125	Short-Term Effects of Isometric Quadriceps Muscle Exercise with Auditory and Visual Feedback on Pain, Physical Function, and Performance after Total Knee Arthroplasty: A Randomized Controlled Trial. 2020 ,	2
124	Effects of aerobic and anaerobic exercise on glucose tolerance in patients with coronary heart disease and type 2 diabetes mellitus. 2020 , 9, 3-8	7
123	The Effects of Concurrent Training Combining Both Resistance Exercise and High-Intensity Interval Training or Moderate-Intensity Continuous Training on Metabolic Syndrome. 2020 , 11, 572	10
122	The Exercise Training Modulatory Effects on the Obesity-Induced Immunometabolic Dysfunctions. 2020 , 13, 785-810	12
121	The Effect of an 8 Week Prescribed Exercise and Low-Carbohydrate Diet on Cardiorespiratory Fitness, Body Composition and Cardiometabolic Risk Factors in Obese Individuals: A Randomised Controlled Trial. 2020 , 12,	17
120	Short and long term effect of treatment non-pharmacological and lifestyle in patients with metabolic syndrome. 2020 , 12, 16	2
119	A Cross-Sectional Study Evaluating the Effects of Resistance Exercise on Inflammation and Neurotrophic Factors in Elderly Women with Obesity. 2020 , 9,	12
118	Sedentariness and physical activity in type 2 diabetes during the COVID-19 pandemic. 2021 , 37, e3378	4
117	Aerobic training improves NAFLD markers and insulin resistance through AMPK-PPAR-β signaling in obese mice. 2021 , 266, 118868	9
116	Anti-Inflammatory Effects of Exercise on Metabolic Syndrome Patients: A Systematic Review and Meta-Analysis. 2021 , 23, 280-292	17
115	Feasibility and effects of high-intensity interval training in older adults living with HIV. 2021 , 39, 304-311	1
114	Telehealth Exercise Intervention in Older Adults With HIV: Protocol of a Multisite Randomized Trial. 2021 ,	0

113	Combined exercise training improves specific domains of cognitive functions and metabolic markers in middle-aged and older adults with type 2 diabetes mellitus. 2021 , 173, 108700		3
112	Physical activity and adipokine levels in individuals with type 2 diabetes: A literature review and practical applications. 2021 , 1		4
111	Effects of regular exercise on inflammasome activation-related inflammatory cytokine levels in older adults: a systematic review and meta-analysis. 2021 , 39, 2338-2352		3
110	Cardiac and respiratory muscle responses to dietary N-acetylcysteine in rats consuming a high-saturated fat, high-sucrose diet.		
109	Exercise and Nutraceuticals: Eminent approach for Diabetic Neuropathy. 2021 ,		1
108	The Effect of Exercise Training on Serum Glucose and Lipid Profiles in Patients With Breast Cancer: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. 2021 , 18, 863-877		
107	Sport reduziert den diabetesassoziierten Verlust kognitiver Fähigkeiten bei Typ-2-Diabetes-Patienten.		1
106	Association between physical exercise interventions and functional capacity in individuals with type 2 diabetes: a systematic review and meta-analysis of controlled trials.		
105	The Role of Autophagy Modulated by Exercise in Cancer Cachexia. 2021 , 11,		0
104	Long-term wheel-running prevents reduction of grip strength in type 2 diabetic rats. 2021 , 9, e15046		
103	The effects of high-intensity interval training and orlistat on selected adipokines and cytokines in obese women. 1		0
102	The effect of aerobic exercise on immune biomarkers and symptoms severity and progression in patients with COVID-19: A randomized control trial. 2021 , 28, 425-432		4
101	Exercise and Inflammation. 2021 , 431-444		
100	Aging Immunity and the Impact of Physical Exercise. 2014 , 369-397		1
99	Level and correlates of physical activity and sedentary behavior in patients with type 2 diabetes: A cross-sectional analysis of the Italian Diabetes and Exercise Study_2. <i>PLoS ONE</i> , 2017 , 12, e0173337	3-7	19
98	Inverse association of resistin with physical activity in the general population. <i>PLoS ONE</i> , 2017 , 12, e0182493		18
97	Agregação de fatores de risco cardiovascular e ocorrência de hipertensão arterial em adultos sedentários. 2013 , 19, 419-422		1
96	Intense Circuit Resistance Training along with Zataria multiflora Supplementation Reduced Plasma Retinol Binding Protein-4 and Tumor Necrosis Factor- α in Postmenopausal Females. 2016 , 13,		4

95	Comparing the Effects of Eight Weeks of Combined Training (Endurance and Resistance) in Different Orders on Inflammatory Factors and Adipokines Among Elderly Females. 2016 , 3,	4
94	Role of C reactive protein (CRP) in leptin resistance. 2014 , 20, 609-15	45
93	The Inflammation Network in the Pathogenesis of Erectile Dysfunction: Attractive Potential Therapeutic Targets. 2020 , 26, 3955-3972	6
92	Distinctive Effects of Aerobic and Resistance Exercise Modes on Neurocognitive and Biochemical Changes in Individuals with Mild Cognitive Impairment. 2019 , 16, 316-332	40
91	Arterial Thickness and Immunometabolism: The Mediating role of Chronic Exercise. 2016 , 12, 47-51	11
90	Effects of Resistance Exercise on GLUT-2 Expression of Liver and Inflammatory Markers of Skeletal Muscle in Diabetic Rats. 2017 , 56, 705-714	2
89	Effects of 12 weeks of combined aerobic-resistance exercise training on levels of chemerin, omentin and insulin resistance in men with type 2 diabetes. 2020 , 22, 155-163	3
88	Suryanamaskar: An equivalent approach towards management of physical fitness in obese females. 2015 , 8, 27-36	12
87	Low Plasma Hdl Cholesterol and Elevated C Reactive Protein further Increase Cardiovascular Disease Risk in Latinos with Type 2 Diabetes. 2010 , 1,	4
86	Combined Training in the Treatment of Type 2 Diabetes Mellitus: A Review. 2017 , 09, 1605-1617	1
85	Skeletal muscle as a therapeutic target for delaying type 1 diabetic complications. 2015 , 6, 1323-36	35
84	Effect of exercise training of different intensities on anti-inflammatory reaction in streptozotocin-induced diabetic rats. 2014 , 31, 73-9	22
83	Dyslipidemia and cardiovascular risk in Afro-descendants: a study of the Quilombola communities in Maranhão, Brazil. 2015 , 10,	0
82	The Effect of All-Extremity High-Intensity Interval Training on Plasma Pentraxin 3 in Young Overweight and Obese Women. 2019 , In Press,	1
81	Improvement in Biochemical Parameters in Patients with Type 2 Diabetes After Twenty-Four Sessions of Aerobic Exercise: A Randomized Controlled Trial. 2017 , 19,	4
80	The Modifying Impact of Long-Term Endurance Training on Inflammatory Cytokine IL-1B Level and VO2max in Premenopausal Women with Abdominal Obesity. 2017 , In Press,	0
79	Changes in body weight, C-reactive protein, and total adiponectin in non-obese women after 12 months of a small-volume, home-based exercise program. 2013 , 68, 1121-7	5
78	Physical activity and its relation to cancer risk: updating the evidence. 2013 , 14, 3993-4003	80

- 77 Aerobic versus resistance exercises on systemic inflammation and sleep parameters in obese subjects with chronic insomnia syndrome.. **2021**, 21, 1214-1222 0
- 76 The effects of exercise on adipokines -Focus on circulating adiponectin level in human studies-. **2012**, 1, 531-535
- 75 Molecular Aspects of Dietary Exercise Regimen for the Prevention of Metabolic Syndrome. 461-473
- 74 Atherosclerosis. **2014**, 133-210
- 73 Inflammation. **2014**, 15-99
- 72 Lifestyle Changes and Physical Activity in Metabolic Syndrome. **2015**, 172-185
- 71 Effects of 8 weeks of circuit training on blood lipids, insulin resistance, cardiovascular function, and metabolic syndrome risk factors in bus drivers. *Korean Journal of Sport Science*, **2017**, 28, 11-25 0.1 0
- 70 Weitere organische Effekte von Muskelaktivität. **2018**, 81-83
- 69 Association of Leukocyte with Maximal Oxygen Uptake in Trained and Untrained Healthy Adult Males. **2017**, 10, 186-189
- 68 Effect of 8 Weeks of Low-Intensity Continuous Training on Plasma Adipolin, Insulin Resistance, and Weight of Fatty Fat-Filled Rats. **2017**, 7,
- 67 Aging Immunity and the Impact of Physical Exercise. **2018**, 1-57
- 66 Adipolin and Insulin Resistance Response to Two Types of Exercise Training in Type 2 Diabetic Male Rats. **2018**, 6,
- 65 The Effect of a Conventional Resistance Training Course on Some of the Inflammatory Factors in Obese Men with Non-Alcoholic Fatty Liver. **2019**, In Press,
- 64 Effects of 16 weeks combined exercise on insulin resistance, inflammatory markers, oxidative stress, and leukocyte telomere length in elderly women with type 2 DM. *Korean Journal of Sport Science*, **2019**, 30, 470-485 0.1
- 63 Workplace Bullying and Ethical Issues. **2020**, 169-182
- 62 Effects of Exercise on Inflammatory Cytokines in Patients with Type 2 Diabetes: A Meta-analysis of Randomized Controlled Trials. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 6660557 6.7 5
- 61 Fresh fruit consumption, physical activity, and five-year risk of mortality among patients with type 2 diabetes: A prospective follow-up study.. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 4.5
- 60 Physical Activity Associations with Bone Mineral Density and Modification by Metabolic Traits. *Journal of the Endocrine Society*, **2020**, 4, bvaa092 0.4 1

59	Inflammatory Markers in Response to Different Intensity of Aerobic Exercise in Obese Male Wistar Rats. <i>Hormozgan Medical Journal</i> , 2020 , 24,	0.7	
58	Effect of Exercise on Intestinal Microbium and Insulin Resistance in Person with Metabolic Syndrome. <i>Ukrainskij žurnal Medicini Biologiča Sportu</i> , 2020 , 5, 324-331	0.1	
57	Changes in Some Inflammatory Indices in Men with Heart Failure after Eight Weeks of Continuous and Intermittent Aerobic Exercise. <i>Medical Laboratory Journal</i> , 2020 , 14, 42-47	0.2	
56	Muscle atrophy in patients with Type 2 Diabetes Mellitus: roles of inflammatory pathways, physical activity and exercise. <i>Exercise Immunology Review</i> , 2016 , 22, 94-109	8.6	66
55	Effectiveness of combined exercise in people with type 2 diabetes and concurrent overweight/obesity: a systematic review and meta-analysis. <i>BMJ Open</i> , 2021 , 11, e046252	3	1
54	Will intestinal flora therapy become a new target in type-2 diabetes mellitus? A review based on 13 clinical trials. <i>Nutricion Hospitalaria</i> , 2021 ,	1	0
53	Comparison of Leisure Time Physical Activities by Metabolic Syndrome Status among Adolescents.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	
52	Metabolic syndrome components response to the conducted 16-week randomised-controlled training trial on an elliptical trainer. <i>European Journal of Physiotherapy</i> , 1-7	0.5	
51	Combined training improves the diagnostic measures of sarcopenia and decreases the inflammation in HIV-infected individuals.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	2
50	Effects of Exercise Training on the Autonomic Nervous System with a Focus on Anti-Inflammatory and Antioxidants Effects.. <i>Antioxidants</i> , 2022 , 11,	7.1	8
49	Dose- and Intensity-Response Associations Between Leisure-Time Physical Activity and Markers of Inflammation and Oxidative Stress in Older Adults.. <i>Journal of Aging and Physical Activity</i> , 2022 , 1-13	1.6	
48	Effect of Aerobic and Resistant Exercise Intervention on Inflammaging of Type 2 Diabetes Mellitus in Middle-aged and Older Adults: A Systematic Review and Meta-analysis.. <i>Journal of the American Medical Directors Association</i> , 2022 ,	5.9	0
47	Aerobic exercise training combined with probiotic supplement improves antioxidant defence of cardiomyocytes by regulating Nrf2 and caspase3 gene expression in type 2 diabetic rats. <i>Comparative Exercise Physiology</i> , 1-10	0.7	1
46	Association Between Physical Exercise Interventions Participation and Functional Capacity in Individuals with Type 2 Diabetes: A Systematic Review and Meta-Analysis of Controlled Trials.. <i>Sports Medicine - Open</i> , 2022 , 8, 34	6.1	1
45	Methylation of the AIM2 gene: An epigenetic mediator of PTSD-related inflammation and neuropathology plasma biomarkers.. <i>Depression and Anxiety</i> , 2022 ,	8.4	0
44	Oxidative stress in the pathophysiology of type 2 diabetes and related complications: Current therapeutics strategies and future perspectives.. <i>Free Radical Biology and Medicine</i> , 2022 ,	7.8	7
43	Obesity and exercise training alter inflammatory pathway skeletal muscle small extracellular vesicle miRNAs.. <i>Experimental Physiology</i> , 2022 ,	2.4	1
42	Type and Intensity as Key Variable of Exercise in Metainflammation diseases: A Review.. <i>International Journal of Sports Medicine</i> , 2021 ,	3.6	

41	Effectiveness of combined exercise in people with type 2 diabetes and concurrent overweight/obesity: a systematic review and meta-analysis. 2021 , 11, e046252		5
40	Data_Sheet_1.XLSX. 2019 ,		
39	Presentation_1.PDF. 2019 ,		
38	Data_Sheet_1.docx. 2020 ,		
37	Data_Sheet_2.docx. 2020 ,		
36	The effect of aerobic, resistance, and concurrent training on the expression and protein levels of RBP4 visceral and subcutaneous adipose tissue in diabetic rats with STZ. <i>International Journal of Diabetes in Developing Countries</i> ,	0.8	
35	Effects of aerobic and resistance exercise on glycosylated hemoglobin (HbA1c) concentrations in non-diabetic Taiwanese individuals based on the waist-hip ratio.. <i>PLoS ONE</i> , 2022 , 17, e0267387	3.7	
34	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. <i>Physiology and Behavior</i> , 2022 , 254, 113888	3.5	0
33	Metabolically healthy obesity: Inflammatory biomarkers and adipokines in elderly population. <i>PLoS ONE</i> , 2022 , 17, e0265362	3.7	0
32	Effect of performing high-intensity interval training and resistance training on the same day vs. different days in women with type 2 diabetes. <i>European Journal of Applied Physiology</i> ,	3.4	0
31	Physical activity, diet quality and all-cause cardiovascular disease and cancer mortality: a prospective study of 346 627 UK Biobank participants. <i>British Journal of Sports Medicine</i> , bjsports-2021-105195	10.3	0
30	Effects of exercise training on inflammatory and cardiometabolic health markers in overweight and obese adults: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Sports Medicine and Physical Fitness</i> ,	1.4	1
29	Aerobic Exercise Associated with Fish Oil Supplementation Decreases C-Reactive Protein and Interleukin-6 in Celiac Disease Patients. <i>Journal of Nutrition and Metabolism</i> , 2022 , 2022, 1-9	2.7	
28	The effects of aerobic exercise combined with resistance training on inflammatory factors and heart rate variability in middle-aged and elderly women with type 2 diabetes mellitus. <i>Annals of Noninvasive Electrocardiology</i> ,	1.5	0
27	There is no dose-response relationship between the amount of exercise and improvement in HbA1c in interventions over 12 weeks in patients with type 2 diabetes: a meta-analysis and meta-regression.		
26	Cell dynamics in type 2 diabetes and in dietary and exercise interventions.		1
25	CIRCUIT TRAINING REDUCES CARDIOMETABOLIC RISK FACTORS IN WOMEN. 29,		
24	Irisin is more strongly associated with leisure-time physical activity than resistin and high-density lipoprotein cholesterol are. 2022 , 20, 366-371		0

23 Treatment Regimes in Diabetes and Their Impact on Biomarkers. **2022**, 1-44 ○

22 A 2-week combined high-intensity interval training regulates inflammatory status in young females with obesity. **2022**, ○

21 Effect of Voluntary Wheel-Running Exercise on the Endocrine and Inflammatory Response to Social Stress: Conditioned Rewarding Effects of Cocaine. **2022**, 10, 2373 ○

20 Treatment Regimes in Diabetes and Their Impact on Biomarkers. **2023**, 21-64 ○

19 Compositional Analysis of Movement Behaviors Association on High-Sensitivity C-Reactive Protein: The Jackson Heart Study. **2022**, ○

18 Effects of Exercise Training on Inflammatory and Cardiometabolic Risk Biomarkers in Patients With Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. 109980042211328 ○

17 Sustained decreases in sedentary time and increases in physical activity are associated with preservation of estimated β-cell function in individuals with type 2 diabetes. **2022**, 110140 ○

16 Aerobic training improves bone fragility by reducing the inflammatory microenvironment in bone tissue in type 2 diabetes. **2022**, 145, 111354 ○

15 Exercise training-induced changes in exerkine concentrations may be relevant to the metabolic control of type 2 diabetes mellitus patients: A systematic review and meta-analysis of randomized controlled trials. **2022**, 1 ○

14 Tumor and peritumoral adipose tissue crosstalk: De-differentiated adipocytes influence spread of colon carcinoma cells. **2023**, 80, 101990 ○

13 Increasing muscular strength to improve cardiometabolic risk factors. **2022**, ○

12 Exercise Protocols for Counteracting Cancer Cachexia-Related Declines in Muscle Mass and Strength and the Clinical Assessment of Skeletal Muscle. **2022**, 215-251 ○

11 EFEITO DO EXERCÍCIO EM ESTEIRA DE INTENSIDADE MODERADA NO AUMENTO DOS NÍVEIS DE ADIPONECTINA EM PACIENTES COM DIABETES MELLITUS TIPO 2. 29, ○

10 EFFECT OF MODERATE-INTENSITY TREADMILL EXERCISE ON INCREASED ADIPONECTIN LEVELS IN TYPE 2 DIABETES MELLITUS PATIENTS. 29, ○

9 The anti-inflammatory effects of aerobic exercise training in patients with type 2 diabetes: A systematic review and meta-analysis. **2023**, 164, 156157 ○

8 A Meta-Analysis of the Influence on Inflammatory Factors in Type 2 Diabetes among Middle-Aged and Elderly Patients by Various Exercise Modalities. **2023**, 20, 1783 ○

7 A machine-learning algorithm integrating baseline serum proteomic signatures predicts exercise responsiveness in overweight males with prediabetes. **2023**, 4, 100944 ○

6 Chronic Resistance Training Effects on Serum Adipokines in Type 2 Diabetes Mellitus: A Systematic Review. **2023**, 11, 594 ○

- 5 The effect of Tabata-style functional high-intensity interval training on cardiometabolic health and physical activity in female university students. 14, ○
- 4 Acute bouts of aerobic and resistance exercise similarly alter inhibitory control and response time while inversely modifying plasma BDNF concentrations in middle-aged and older adults with type 2 diabetes. **2023**, 241, 1173-1183 ○
- 3 Mechanisms and Effect of Increased Physical Activity on General and Abdominal Obesity and Associated Metabolic Risk Factors in a Community with Very High Rates of General and Abdominal Obesity. **2023**, 12, 826 ○
- 2 Effects of exercise training parameters on cardiorespiratory fitness of individuals with type 2 diabetes mellitus: a systematic review and meta-analysis. ○
- 1 Long-term effects of different exercise training modes on cytokines and adipokines in individuals with overweight/obesity and cardiometabolic diseases: A systematic review, meta-analysis, and meta-regression of randomized controlled trials. ○