# CITATION REPORT List of articles citing

Waging war on physical inactivity: using modern molecular ammunition against an ancient enemy

DOI: 10.1152/japplphysiol.00073.2002 Journal of Applied Physiology, 2002, 93, 3-30.

**Source:** https://exaly.com/paper-pdf/33721451/citation-report.pdf

Version: 2024-04-10

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

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

#	Paper	IF	Citations
302	Exercise and gene expression: physiological regulation of the human genome through physical activity. <b>2002</b> , 543, 399-411		148
301	Molecular basis of skeletal muscle plasticityfrom gene to form and function. 2003, 146, 159-216		295
300	Improving the nutritional resource environment for healthy living through community-based participatory research. <b>2003</b> , 18, 568-75		188
299	Sex-related differences in heart failure. <b>2003</b> , 32, 215-23; quiz 224-5		7
298	Sarcopenia: effects on body composition and function. <b>2003</b> , 58, 1012-7		179
297	[Physical activity and cardiovascular and metabolic risk factors in general population]. 2003, 121, 565-9		6
296	Reviews of Physiology, Biochemistry and Pharmacology. <b>2003</b> ,		4
295	Intra-articular steroids can control JIA. <b>2003</b> , 62, 889-889		78
294	Physical activity and health related physical fitness in children with juvenile idiopathic arthritis. <b>2003</b> , 62, 885-9		66
293	so can methotrexate. <b>2003</b> , 62, 889-a-889		78
292	Effect of habitual running on human Achilles tendon load-deformation properties and cross-sectional area. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 2375-80	3.7	121
291	5'-AMP-activated protein kinase activity and subunit expression in exercise-trained human skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 631-41	3.7	120
290	Validation of a new self-report instrument for measuring physical activity. <b>2003</b> , 35, 1196-202		346
289	College physical education: an unrecognized agent of change in combating inactivity-related diseases. <b>2003</b> , 46, 579-87		40
288	Diet, individual responsiveness and cancer prevention. <b>2003</b> , 133, 2400S-2403S		12
287	Eating, exercise, and "thrifty" genotypes: connecting the dots toward an evolutionary understanding of modern chronic diseases. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 3-10	3.7	316
286	Exercise as a therapeutic intervention for the prevention and treatment of insulin resistance. <b>2004</b> , 20, 383-93		211

## (2005-2004)

285	Voluntary exercise following traumatic brain injury: brain-derived neurotrophic factor upregulation and recovery of function. <b>2004</b> , 125, 129-39		378
284	Chronicle of the Institute of Medicine physical activity recommendation: how a physical activity recommendation came to be among dietary recommendations. <b>2004</b> , 79, 921S-930S		153
283	The biochemical basis of the health effects of exercise: an integrative view. <b>2004</b> , 63, 199-203		11
282	Physical activity: the health benefits outweigh the risks. <b>2004</b> , 7, 641-7		62
281	Exercise science: more questions than answers. <b>2005</b> , 33, 155-6		
280	Comparison of characteristics of heart failure by race and gender. <b>2005</b> , 24, 41-6		6
279	Physical activity and aging. <b>2005</b> , 1055, 193-206		54
278	Screening, safety, and adverse events in physical activity interventions: collaborative experiences from the behavior change consortium. <b>2005</b> , 29 Suppl, 20-8		62
277	Melanocortin-4 receptor gene and physical activity in the QuBec Family Study. 2005, 29, 420-8		92
276	Aerobic exercise, lipids and lipoproteins in overweight and obese adults: a meta-analysis of randomized controlled trials. <b>2005</b> , 29, 881-93		112
275	Alterations in insulin receptor signalling in the rat epitrochlearis muscle upon cessation of voluntary exercise. <b>2005</b> , 562, 829-38		62
274	Sustained rise in triacylglycerol synthesis and increased epididymal fat mass when rats cease voluntary wheel running. <b>2005</b> , 565, 911-25		41
273	Exercise, lipids, and lipoproteins in older adults: a meta-analysis. <b>2005</b> , 8, 206-14		69
272	Genetic analysis of physical activity in twins. <b>2005</b> , 82, 1253-9		109
271	Transcriptional profiling in mouse skeletal muscle following a single bout of voluntary running: evidence of increased cell proliferation. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 2406-15	3.7	32
270	Exercise improves impaired ventricular function and alterations of cardiac myofibrillar proteins in diabetic dyslipidemic pigs. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 461-7	3.7	24
269	Variation and homogeneity in affective responses to physical activity of varying intensities: an alternative perspective on dose-response based on evolutionary considerations. <b>2005</b> , 23, 477-500		233
268	Effect of physical activity on MRI-measured blood oxygen level-dependent transients in skeletal muscle after brief contractions. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 715-22	3.7	51

Treatment and prevention of the insulin resistance syndrome. 2005, 10, 47-48

266	Exercise stimulates Pgc-1alpha transcription in skeletal muscle through activation of the p38 MAPK pathway. <b>2005</b> , 280, 19587-93	490
265	Essay: Hunter-gatherer to sedentary lifestyle. <b>2005</b> , 366 Suppl 1, S60-1	8
264	The late arrival of exercise neuroscience. <b>2005</b> , 3, 255-262	1
263	Effects of exercise and diet on chronic disease. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 3-30	351
262	Walking and Non-HDL-C in adults: a meta-analysis of randomized controlled trials. <b>2005</b> , 8, 102-7	28
261	Prior exercise training improves the outcome of acute myocardial infarction in the rat. Heart structure, function, and gene expression. <b>2005</b> , 45, 931-8	64
260	License to run: exercise impacts functional plasticity in the intact and injured central nervous system by using neurotrophins. <b>2005</b> , 19, 283-95	308
259	Students' motivational processes and their relationship to teacher ratings in school physical education: a self-determination theory approach. <b>2006</b> , 77, 100-10	189
258	Phenotypic plasticity and experimental evolution. <b>2006</b> , 209, 2344-61	220
257	Planning to win: Health and lifestyles associated with physical activity amongst 15,423 adults. <b>2006</b> , 120, 206-12	32
256	Health promotion for women with human immunodeficiency virus or acquired immunodeficiency syndrome. <b>2006</b> , 18, 534-43	6
255	Neurobiology of exercise. <b>2006</b> , 14, 345-56	585
254	Exercise increases SOCS-3 expression in rat skeletal muscle: potential relationship to IL-6 expression. <b>2006</b> , 572, 839-48	51
253	The microcirculation of skeletal muscle in aging. <b>2006</b> , 13, 275-7	32
252	Metabolic inflexibility in skeletal muscle: a prelude to the cardiometabolic syndrome?. <b>2006</b> , 1, 184-9	24
251	Revenge of the "sit": how lifestyle impacts neuronal and cognitive health through molecular systems that interface energy metabolism with neuronal plasticity. <b>2006</b> , 84, 699-715	210
250	PGC-1alpha and PGC-1beta have both similar and distinct effects on myofiber switching toward an oxidative phenotype. <b>2006</b> , 291, E807-16	80

## (2007-2006)

249	Effect of physical inactivity on the oxidation of saturated and monounsaturated dietary Fatty acids: results of a randomized trial. <b>2006</b> , 1, e27	62
248	Exercise tolerance in children and adolescents with musculoskeletal pain in joint hypermobility and joint hypomobility syndrome. <b>2006</b> , 118, e690-6	60
247	Reduced physical activity and the retired athlete: a dangerous combination?. 2008, 42, 952-3	16
246	Fundamental questions about genes, inactivity, and chronic diseases. <b>2007</b> , 28, 146-57	154
245	Low physical activity and obesity: causes of chronic disease or simply predictors?. 2007, 39, 1233-40	50
244	The effect of acute exercise on serum brain-derived neurotrophic factor levels and cognitive function. <b>2007</b> , 39, 728-34	555
243	Obesity. <b>2007</b> ,	11
242	Linking performance and chronic disease risk: indices of physical performance are surrogates for health. <b>2008</b> , 42, 950-2	35
241	Optimizing the therapeutic benefits of exercise in Type 2 diabetes. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1113-20	77
240	Effects of aerobic exercise on lipids and lipoproteins in adults with type 2 diabetes: a meta-analysis of randomized-controlled trials. <b>2007</b> , 121, 643-55	100
239	Effect of the detraining status on high-fat diet induced fat accumulation in the adipose tissue and liver in female rats. <b>2007</b> , 91, 281-9	10
238	Quantification of urinary zwitterionic organic acids using weak-anion exchange chromatography with tandem MS detection. <b>2007</b> , 848, 303-10	10
237	The contribution of physical activity and sedentary behaviours to the growth and development of children and adolescents: implications for overweight and obesity. <b>2007</b> , 37, 533-45	220
236	The effects of exercise training on fat-mass loss in obese patients during energy intake restriction. <b>2007</b> , 37, 31-46	59
235	Dualisms, Dichotomies and Dead Ends: Limitations of Analytic Thinking about Sport. <b>2007</b> , 1, 266-280	14
234	Long-term low-calorie low-protein vegan diet and endurance exercise are associated with low cardiometabolic risk. <b>2007</b> , 10, 225-34	43
233	Association of television viewing with fasting and 2-h postchallenge plasma glucose levels in adults without diagnosed diabetes. <b>2007</b> , 30, 516-22	177
232	Genetic Vs. Acquired Fitness: Cardiomyocyte Adaptations. <b>2007</b> , 61-81	

231	Rat models of caloric intake and activity: relationships to animal physiology and human health. <b>2007</b> , 32, 161-76		20
230	Point:counterpoint: Interleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homeostasis. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 820; author reply 825	3.7	15
229	Analysis of arterial intimal hyperplasia: review and hypothesis. 2007, 4, 41		48
228	Exercise training and sympathetic nervous system activity: evidence for physical activity dependent neural plasticity. <b>2007</b> , 34, 377-84		141
227	Low-intensity training dissociates metabolic from aerobic fitness. <b>2008</b> , 18, 86-94		24
226	Mitochondrial function: use it or lose it. <b>2007</b> , 50, 699-702		26
225	Does physical activity reduce the risk of cardiovascular disease in overweight and obese individuals?. <b>2007</b> , 1, 221-227		2
224	Cancer is a preventable disease that requires major lifestyle changes. <b>2008</b> , 25, 2097-116		1200
223	Neurogenesis and exercise: past and future directions. <b>2008</b> , 10, 128-40		424
222	Reduced physical activity and risk of chronic disease: the biology behind the consequences. <b>2008</b> , 102, 381-90		133
221	Physical activity: the present in the context of the past. <b>2008</b> , 20, 373-91		60
220	The role of exercise and PGC1alpha in inflammation and chronic disease. 2008, 454, 463-9		773
219	Exercise tolerance in children with juvenile idiopathic arthritis after autologous SCT. 2008, 42, 351-6		5
218	Brain foods: the effects of nutrients on brain function. <b>2008</b> , 9, 568-78		716
217	Psychological Stress and Oxidative Damage in Lymphocytes of Aerobically Fit and Unfit Individuals 1. <b>2008</b> , 13, 1-19		3
216	Exercise and the treatment of diabetes and obesity. <b>2008</b> , 37, 887-903		26
215	Liver fattening during feast and famine: an evolutionary paradox. 2008, 70, 924-8		7
214	The influences of diet and exercise on mental health through hormesis. <b>2008</b> , 7, 49-62		112

213	Exercise, oxidative stress and hormesis. <b>2008</b> , 7, 34-42	394
212	Metabolic responses to reduced daily steps in healthy nonexercising men. <b>2008</b> , 299, 1261-3	199
211	The Utility of Silos and Bunkers in the Evolution of Kinesiology. <b>2008</b> , 60, 3-12	52
210	TripleBeat. 2008,	75
209	Setting the stage: possible mechanisms by which acute contraction restores insulin sensitivity in muscle. <b>2008</b> , 294, R1103-10	32
208	Weight loss with a low-carbohydrate, Mediterranean, or low-fat diet. <b>2008</b> , 359, 2169; author reply 2171-2	9
207	Unraveling the molecular underpinning of nature and nurture of aerobic fitness. 2008, 35, 210-2	2
206	The Increasing Utility of Elementary School Physical Education: A Mixed Blessing and Unique Challenge. <b>2008</b> , 108, 161-170	36
205	Susruta of India, an unrecognized contributor to the history of exercise physiology. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1553-6	55
204	A randomized controlled intervention trial to relieve and prevent neck/shoulder pain. 2008, 40, 983-90	89
203	Promoting Physical Activity and Exercise in Older Adults With Developmental Disabilities. <b>2008</b> , 24, 64-73	12
202	Estgios de mudana de comportamento para a praica de atividade faica: uma revisa da literatura. <b>2008</b> , 10, 301	4
201	Une introduction 🏻 a mdecine 🌡 olutionniste L 🖟 olution biologique, grande absente de la numeration de la	
200	Genetic analysis of daily physical activity using a mouse chromosome substitution strain. <b>2009</b> , 39, 47-55	18
199	Medical implications of obesity in horseslessons for human obesity. <b>2009</b> , 3, 163-74	41
198	Impact of 9 days of bed rest on hepatic and peripheral insulin action, insulin secretion, and whole-body lipolysis in healthy young male offspring of patients with type 2 diabetes. <b>2009</b> , 58, 2749-56	71
197	Plantar flexion training primes peripheral arterial disease patients for improvements in cardiac function. <b>2009</b> , 106, 207-15	14
196	[Physical inactivity casesone way into immobility for the elderly]. <b>2009</b> , 121, 361-4	1

195	Aerobic exercise in obese diabetic patients with chronic kidney disease: a randomized and controlled pilot study. <b>2009</b> , 8, 62		90
194	Lack of adequate appreciation of physical exercise's complexities can pre-empt appropriate design and interpretation in scientific discovery. <b>2009</b> , 587, 5527-39		69
193	Peroxisome proliferator-activated receptor-gamma coactivator-1alpha in muscle links metabolism to inflammation. <b>2009</b> , 36, 1139-43		33
192	Role of paraventricular nucleus in exercise training-induced autonomic modulation in conscious rats. <b>2009</b> , 148, 28-35		33
191	GenEica y deporte. <b>2009</b> , 44, 86-97		
190	Exercise, PGC-1alpha, and metabolic adaptation in skeletal muscle. <b>2009</b> , 34, 424-7		18
189	The effect of worksite physical activity intervention on physical capacity, health, and productivity: a 1-year randomized controlled trial. <b>2009</b> , 51, 759-70		77
188	Swim training suppresses tumor growth in mice. Journal of Applied Physiology, 2009, 107, 261-5	3.7	46
187	Session 1: Public health nutrition: Physical activity prescription for public health. <b>2010</b> , 69, 178-84		15
186	Socio-demographic correlates of prolonged television viewing time in Australian men and women: the AusDiab study. <b>2010</b> , 7, 595-601		74
185	Implicit attitudes and explicit motivation prospectively predict physical activity. <b>2010</b> , 39, 112-8		109
184	Arm and leg substrate utilization and muscle adaptation after prolonged low-intensity training. <b>2010</b> , 199, 519-28		23
183	Electric pulse stimulation of cultured murine muscle cells reproduces gene expression changes of trained mouse muscle. <b>2010</b> , 5, e10970		57
182	Erythropoietin elevates VO2,max but not voluntary wheel running in mice. <b>2010</b> , 213, 510-9		49
181	Increased rate of whole body lipolysis before and after 9 days of bed rest in healthy young men born with low birth weight. <b>2010</b> , 298, E555-64		32
180	Relationships between components of physical activity, cardiorespiratory fitness, cardiac autonomic health, and brain-derived neurotrophic factor. <b>2010</b> , 28, 843-9		6
179	Parent-of-origin effects on voluntary exercise levels and body composition in mice. <b>2010</b> , 40, 111-20		17
178	The influence of beliefs on physical activity of mid-life immigrant Latinas: a Photovoice study. <b>2010</b> , 2, 229-249		18

## (2011-2010)

177	Exercise training and fat metabolism after menopause: implications for improved metabolic flexibility in aging. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 1569-70	3.7	6
176	Psychological stress during exercise: lymphocyte subset redistribution in firefighters. <b>2010</b> , 101, 320-6		16
175	Los futuros mdicos y la actividad faica: una contradiccia no saludable. <b>2010</b> , 45, 151-159		2
174	Regulation of skeletal muscle cell plasticity by the peroxisome proliferator-activated receptor $\Box$ coactivator 1 $\Box$ 2010, 30, 376-84		43
173	Does a home-based strength and balance programme in people aged > or =80 years provide the best value for money to prevent falls? A systematic review of economic evaluations of falls prevention interventions. <b>2010</b> , 44, 80-9		126
172	Transactions on Edutainment IV. <b>2010</b> ,		2
171	The impact of training modalities on the clinical benefits of exercise intervention in patients with cardiovascular disease risk or type 2 diabetes mellitus. <b>2010</b> , 40, 921-40		77
170	K(ATP) channels process nucleotide signals in muscle thermogenic response. <b>2010</b> , 45, 506-19		10
169	Skeletal muscle and beyond: the role of exercise as a mediator of systemic mitochondrial biogenesis. <b>2011</b> , 36, 598-607		48
168	The positive impact of physical activity on cognition during adulthood: a review of underlying mechanisms, evidence and recommendations. <b>2011</b> , 22, 171-85		133
167	The biological control of voluntary exercise, spontaneous physical activity and daily energy expenditure in relation to obesity: human and rodent perspectives. <b>2011</b> , 214, 206-29		314
166	PGC-1⊞and myokines in the aging muscle - a mini-review. <b>2011</b> , 57, 37-43		51
165	Exercise and the treatment of diabetes and obesity. <b>2011</b> , 95, 953-69		27
164	Exercise and Type 2 diabetes: the metabolic benefits and challenges. <b>2011</b> , 1, 575-587		1
163	Exercise after traumatic brain injury: is it a double-edged sword?. <b>2011</b> , 3, S64-72		63
162	Physical inactivity is a disease synonymous for a non-permissive brain disorder. <b>2011</b> , 77, 708-13		11
161	La Inactividad Faica en Etapas Tempranas del Desarrollo Disminuye la Expresia de Akt en el Maculo Saeo de Ratas. <b>2011</b> , 29, 256-267		
160	Exercise-induced cognitive plasticity, implications for mild cognitive impairment and Alzheimer's disease. <b>2011</b> , 2, 28		119

159	Effects of exercise of different intensities on the angiogenesis, infarct healing, and function of the left ventricle in postmyocardial infarction rats. <b>2011</b> , 22, 497-506		13
158	Food shopping habits, physical activity and health-related indicators among adults aged <b>I</b> 0 years. <b>2011</b> , 14, 1640-9		30
157	Does physical inactivity cause nonalcoholic fatty liver disease?. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 1828-35	3.7	65
156	Concurrent strength and endurance training improves physical capacity in patients with peripheral arterial disease. <b>2011</b> , 21, e308-14		16
155	Colorectal cancer prevention through dietary and lifestyle modifications. 2011, 4, 133-9		68
154	Ancestral diets and modern diseases. <b>2011</b> , 4, 181-189		2
153	Combined prevalence of impaired glucose level or diabetes and its correlates in Lusaka urban district, Zambia: a population based survey. <b>2011</b> , 4, 2		24
152	2-D DIGE analysis of the mitochondrial proteome from human skeletal muscle reveals time course-dependent remodelling in response to 14 consecutive days of endurance exercise training. <b>2011</b> , 11, 1413-28		56
151	Correction. <b>2011</b> , 45, e3-e3		1
150	The western diet and lifestyle and diseases of civilization. <b>2011</b> , 15		93
149	Occupational Stress: The Influence of Obesity and Physical Activity/Fitness on Immune Function. <b>2011</b> , 5, 486-493		4
148	Physical activity is the strongest predictor of all-cause mortality in patients with COPD: a prospective cohort study. <b>2011</b> , 140, 331-342		618
147	Exercise training augments the peripheral insulin-sensitizing effects of pioglitazone in HIV-infected adults with insulin resistance and central adiposity. <b>2011</b> , 300, E243-51		34
146	Understanding multi-organ pathology from insufficient exercise. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 1199-200	3.7	13
145	Effects of atorvastatin and rosuvastatin on high-sensitivity C-reactive protein and lipid profile in obese type 2 diabetes mellitus patients. <b>2011</b> , 2, 261-5		7
144	Exercise and the Brain: Neurogenesis, Synaptic Plasticity, Spine Density, and Angiogenesis. <b>2012</b> , 3-24		7
143	Effect of exercise training on depressive symptoms among patients with a chronic illness: a systematic review and meta-analysis of randomized controlled trials. <b>2012</b> , 172, 101-11		249
142	Inactivity in Childhood and Adolescence: A Modern Lifestyle Associated with Adverse Health Consequences. <b>2012</b> , 21, 75-99		9

Physical activity and body mass perception. **2012**, 21, 252-67

140	Chronic Obstructive Pulmonary Disease. <b>2012</b> ,	2
139	Exercise Capacity, Peripheral Muscle Strength, and Inactivity in Diabetic Patients With Heart Failure. <b>2012</b> , 28, 54-59	
138	The burden of physical inactivity in chronic kidney disease: is there an exit strategy?. <b>2012</b> , 27, 2143-5	19
137	Is exercise physiology a real science?. <b>2012</b> , 21, 284-287	
136	Cardiovascular Disease. <b>2012</b> , 47-59	1
135	«Fisiologia da inatividade», um novo paradigma para entender os efeitos benficos da prfica regular de exercífio físico em doenías metablicas. <b>2012</b> , 7, 36-43	
134	Physical Activity Across the Lifespan. <b>2012</b> ,	7
133	Sedentary behavior and adiposity-associated inflammation: the Multi-Ethnic Study of Atherosclerosis. <b>2012</b> , 42, 8-13	79
132	Leptin and leptin receptor genetic variants associate with habitual physical activity and the arm body composition response to resistance training. <b>2012</b> , 510, 66-70	22
131	Blood flow restriction: an evidence based progressive model (Review). <b>2012</b> , 99, 235-50	58
130	Racial differences in weight loss, payment method, and complications following Roux-en-Y gastric bypass and sleeve gastrectomy. <b>2012</b> , 29, 970-8	23
129	Prognostic value of the objective measurement of daily physical activity in patients with COPD. <b>2012</b> , 142, 338-346	147
128	Of Hawks and Doves. <b>2012</b> , 95-112	
127	Estresse oxidativo no plasma sanguñeo de indivíduos submetidos ao esforíb fílico agudo seguido de crioimers corporal. <b>2012</b> , 19, 215-221	
126	A practical quantification of blood glucose production due to high-level chronic stress. <b>2012</b> , 28, 327-32	8
125	Muscles, exercise and obesity: skeletal muscle as a secretory organ. <b>2012</b> , 8, 457-65	1503
124	The effect of an ageing and less fit population on the ability of people to egress buildings. <b>2012</b> , 50, 1675-1684	40

123	Associations of visceral fat, physical activity and muscle strength with the metabolic syndrome. <b>2013</b> , 76, 139-45	17
122	Do olympic athletes train as in the Paleolithic era?. <b>2013</b> , 43, 909-17	31
121	The Metabolic Syndrome. <b>2013</b> ,	6
120	Rehabilitation of an osteochondral fracture using blood flow restricted exercise: a case review. <b>2013</b> , 17, 42-5	31
119	The influence of exercise on cognitive abilities. <b>2013</b> , 3, 403-28	317
118	Pathophysiology of the Metabolic Syndrome. <b>2013</b> , 17-42	
117	Physical education can improve insulin resistance: the LOOK randomized cluster trial. 2013, 45, 1956-64	19
116	Effects of aging and exercise training on apoptosis in the heart. <b>2013</b> , 9, 212-9	54
115	Tele-monitoring reduces exacerbation of COPD in the context of climate changea randomized controlled trial. <b>2013</b> , 12, 99	23
114	Is hydrotherapy an appropriate form of exercise for elderly patients with biventricular systolic heart failure?. <b>2012</b> , 9, 408-10	8
113	Increasing physical activity of high intensity to reduce the prevalence of chronic diseases and improve public health. <b>2013</b> , 7, 1-8	21
112	Circulating microRNAs and aerobic fitnessthe HUNT-Study. <b>2013</b> , 8, e57496	113
111	[Eight weeks of combined high intensity intermittent exercise normalized altered metabolic parameters in women]. <b>2014</b> , 142, 458-66	4
110	Beyond obesity and lifestyle: a review of 21st century chronic disease determinants. <b>2014</b> , 2014, 731685	115
109	The use of mouse models to unravel genetic architecture of physical activity: a review. <b>2014</b> , 13, 87-103	11
108	The relationship between exercise,nutrition and type 2 diabetes. <b>2014</b> , 60, 1-10	18
107	Can sedentary behaviour be considered a cultural maladaptation?. <b>2014</b> , 134, 20-1	4
106	Adverse responses and physical activity: secondary analysis of the PREPARE trial. <b>2014</b> , 46, 1617-23	11

105	Should obesity be considered a disease?. <b>2014</b> , 134, 314-5	1
104	Physical fitness and activity levels among urban school children and their rural counterparts. <b>2014</b> , 81, 356-61	11
103	Lifestyle Modifications and Colorectal Cancer. <b>2014</b> , 10, 45-54	85
102	Role of exercise in maintaining the integrity of the neuromuscular junction. <b>2014</b> , 49, 315-24	69
101	Integrative biology of exercise. <b>2014</b> , 159, 738-49	511
100	The effect of sauna bathing on lipid profile in young, physically active, male subjects. <b>2014</b> , 27, 608-18	23
99	Physical (in)activity and depression in older people. <b>2014</b> , 161, 65-72	45
98	Are children's activity levels determined by their genes or environment? A systematic review of twin studies. <b>2015</b> , 2, 548-53	15
97	Non-participation in breast cancer screening for women with chronic diseases and multimorbidity: a population-based cohort study. <b>2015</b> , 15, 798	21
96	Effects of Exercise and Restricted Diet in Obese Women. <b>2015</b> , 9, 79-81	
95	[Resistance exercise improves serum lipids in adult women]. <b>2015</b> , 143, 289-96	5
94	The implications on clinical diagnostics of using microRNA-based biomarkers in exercise. <b>2015</b> , 15, 761-72	13
93	Benefits of physical activity on COPD hospitalisation depend on intensity. <b>2015</b> , 46, 1281-9	45
92	Evolutionary and genetic roots of hypertensive disease. <b>2015</b> , 51, 545-557	3
91	Optogenetic induction of contractile ability in immature C2C12 myotubes. <b>2015</b> , 5, 8317	34
90	Skeletal muscle as an endocrine organ: PGC-1‡myokines and exercise. <b>2015</b> , 80, 115-125	223
89	A candidate syntenic genetic locus is associated with voluntary exercise levels in mice and humans. <b>2015</b> , 276, 8-16	3
88	Supporting public health priorities: recommendations for physical education and physical activity promotion in schools. <b>2015</b> , 57, 368-74	275

87	Anthropogenslin Lifestyle Medicine. <b>2015</b> , 9, 232-240	5
86	The Chronic Exerciseflognition Interaction and Dementia and Alzheimer Disease. 2016, 345-361	
85	Excess weight in regular aviation pilots associated with work and sleep characteristics. 2016, 9, 266-271	4
84	Human Physical Fitness and Activity. <b>2016</b> ,	7
83	Physical Activity and Energy Expenditure in Humans. <b>2016</b> , 27-37	2
82	Phylogeny and Life History Patterns. <b>2016</b> , 19-26	1
81	Control of skeletal muscle atrophy in response to disuse: clinical/preclinical contentions and fallacies of evidence. <b>2016</b> , 311, E594-604	83
80	Effects of a ketogenic diet on adipose tissue, liver, and serum biomarkers in sedentary rats and rats that exercised via resisted voluntary wheel running. <b>2016</b> , 311, R337-51	34
79	Exercise Promotes Healthy Aging of Skeletal Muscle. <b>2016</b> , 23, 1034-1047	225
78	Role of nutrition on anemia in elderly. <b>2016</b> , 11, e1-e11	29
77	Caloric restriction and exercise "mimetics": Ready for prime time?. <b>2016</b> , 103, 158-66	45
77 76	Caloric restriction and exercise "mimetics": Ready for prime time?. <b>2016</b> , 103, 158-66  Myokines and Metabolism. <b>2016</b> , 541-554	3
76	Myokines and Metabolism. 2016, 541-554  Muscle growth across a variety of exercise modalities and intensities: Contributions of mechanical	3
76 75	Myokines and Metabolism. 2016, 541-554  Muscle growth across a variety of exercise modalities and intensities: Contributions of mechanical and metabolic stimuli. 2016, 88, 22-6  Obesity is associated with insulin resistance but not skeletal muscle dysfunction or all-cause	3 47
76 75 74	Myokines and Metabolism. 2016, 541-554  Muscle growth across a variety of exercise modalities and intensities: Contributions of mechanical and metabolic stimuli. 2016, 88, 22-6  Obesity is associated with insulin resistance but not skeletal muscle dysfunction or all-cause mortality. 2016, 38, 2  A bioarchaeological study of osteoarthritis among populations of northern China and Mongolia	<ul><li>3</li><li>47</li><li>7</li></ul>
76 75 74 73	Myokines and Metabolism. 2016, 541-554  Muscle growth across a variety of exercise modalities and intensities: Contributions of mechanical and metabolic stimuli. 2016, 88, 22-6  Obesity is associated with insulin resistance but not skeletal muscle dysfunction or all-cause mortality. 2016, 38, 2  A bioarchaeological study of osteoarthritis among populations of northern China and Mongolia during the Bronze Age to Iron Age transition to nomadic pastoralism. 2016, 405, 172-185	<ul><li>3</li><li>47</li><li>7</li></ul>

## (2020-2017)

69	Physical Activity Modulates Common Neuroplasticity Substrates in Major Depressive and Bipolar Disorder. <b>2017</b> , 2017, 7014146	22
68	Principles of Exercise Prescription, and How They Influence Exercise-Induced Changes of Transcription Factors and Other Regulators of Mitochondrial Biogenesis. <b>2018</b> , 48, 1541-1559	48
67	The Problem of Physical Inactivity Worldwide Among Older People. <b>2018</b> , 25-41	2
66	Health Benefits of Exercise. <b>2018</b> , 8,	124
65	State of Fitness: Overview of the Clinical Consequences of Low Cardiorespiratory Fitness. 2018, 3-16	
64	Presynaptic active zones of mammalian neuromuscular junctions: Nanoarchitecture and selective impairments in aging. <b>2018</b> , 127, 78-88	12
63	Exercise habituation is effective for improvement of periodontal disease status: a prospective intervention study. <b>2018</b> , 14, 565-574	9
62	"Happy feet": evaluating the benefits of a 100-day 10,000 step challenge on mental health and wellbeing. <b>2018</b> , 18, 19	15
61	Prediction of Relative Physical Activity Intensity Using Multimodal Sensing of Physiological Data. <b>2019</b> , 19,	10
60	Exergame-Driven High-Intensity Interval Training in Untrained Community Dwelling Older Adults: A Formative One Group Quasi- Experimental Feasibility Trial. <b>2019</b> , 10, 1019	7
59	Fitting into Our Genes: Evolutionary Theory of the Health Benefits of Physical Activity. <b>2019</b> , 71, 375-386	
58	Dietary Polyphenols-Important Non-Nutrients in the Prevention of Chronic Noncommunicable Diseases. A Systematic Review. <b>2019</b> , 11,	86
57	Making sense of gut feelings in the traumatic brain injury pathogenesis. <b>2019</b> , 102, 345-361	14
56	"Do as we say, not as we do?" the lifestyle behaviours of hospital doctors working in Ireland: a national cross-sectional study. <b>2019</b> , 19, 179	6
55	Childhood Obesity: Exercise Physiologists' Perspective. <b>2019</b> , 59-78	
54	Bioarchaeological Approaches to Activity Reconstruction. <b>2019</b> , 55-126	2
53	Activity, Diet and Social Practice. <b>2019</b> ,	7
52	High-fat Overfeeding Does Not Exacerbate Rapid Changes in Forearm Glucose and Fatty Acid Balance During Immobilization. <b>2020</b> , 105,	10

51	A Time to Eat and a Time to Exercise. 2020, 48, 4-10	22
50	Genetic Basis of Aerobically Supported Voluntary Exercise: Results from a Selection Experiment with House Mice. <b>2020</b> , 216, 781-804	6
49	Prolonged bedrest reduces plasma high-density lipoprotein levels linked to markedly suppressed cholesterol efflux capacity. <b>2020</b> , 10, 15001	2
48	Die Konsolidierung des Politikfelds Sport durch die Europßche Kommission (2001-2011). <b>2020</b> ,	
47	Inflammation, physical activity, and chronic disease: An evolutionary perspective. <b>2020</b> , 2, 1-6	15
46	Skeletal muscle microvascular insulin resistance in type 2 diabetes is not improved by eight weeks of regular walking. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 283-296	7
45	The Vascular Side of Chronic Bed Rest: When a Therapeutic Approach Becomes Deleterious. <b>2020</b> , 9,	7
44	Acute physiological and perceptual responses to moderate intensity cycling with different levels of blood flow restriction. <b>2021</b> , 38, 437-443	O
43	Eat, Train, Sleep-Retreat? Hormonal Interactions of Intermittent Fasting, Exercise and Circadian Rhythm. <b>2021</b> , 11,	2
42	The Effect of Information Technology Convergence Gamification Training in Community-Dwelling Older People: A Multicenter, Randomized Controlled Trial. <b>2021</b> ,	1
41	Long-term weight loss success and the health behaviours of adults in the USA: findings from a nationally representative cross-sectional study. <b>2021</b> , 11, e047743	2
40	Virtual Strategies for the Broad Delivery of High Intensity Exercise in Persons With Spinal Cord Injury: Ongoing Studies and Considerations for Implementation. <b>2021</b> , 3, 703816	O
39	Falls Are the Leading Cause of Injuries among Farmers Limitations of Practicing Judo in Preventing These Incidents. <b>2021</b> , 11, 7324	1
38	Prevalence and risk factors of musculoskeletal pain in patients with chronic obstructive pulmonary disease: A systematic review. <b>2021</b> , 15, 1286-1301	
37	Intersecting Genetics with Lifestyle: the Role of Exercise and Diet in Synaptic Plasticity and Cognitive Enhancement. 337-375	1
36	The Mandate for Movement: Schools as Agents of Change. <b>2012</b> , 235-265	1
35	The Contribution of Ovarian Hormones to the Cellular Regulation of Lipid Metabolism. 2013, 53-66	1
34	Dance-Based ExerGaming: User Experience Design Implications for Maximizing Health Benefits Based on Exercise Intensity and Perceived Enjoyment. <b>2010</b> , 189-199	12

### (2017-2019)

33	, 14, 1151-1156	7
32	Treatment of Obesity in Mitigating Metabolic Risk. <b>2020</b> , 126, 1646-1665	18
31	A genome scan for positive selection in thoroughbred horses. <b>2009</b> , 4, e5767	102
30	Leisure in children and adolescents with juvenile idiopathic arthritis: a systematic review. <b>2014</b> , 9, e104642	17
29	Interactive video game cycling leads to higher energy expenditure and is more enjoyable than conventional exercise in adults. <b>2015</b> , 10, e0118470	28
28	Effect of Combined Increased Physical Activity and Walking with Blood Flow Restriction on Leg Muscle Thickness in Older Adults. <b>2016</b> , 62, 206-210	2
27	Quadriceps short-term resistance exercise in subjects with resistant hypertension. <b>2011</b> , 24, 629-636	1
26	Assessing the Impact of Tiotropium on Lung Function and Physical Activity in GOLD Stage II COPD Patients who are Nalle to Maintenance Respiratory Therapy: A Study Protocol. <b>2011</b> , 5, 1-9	15
25	Factors Determining the Level of Physical Activity among Warsaw Institutes Employees. 2012, 4,	1
24	Deconditioning. <b>2008</b> , 1213-1221	1
23	Cardiac Imaging for Ischemia in Asymptomatic Patients: Use of Coronary Artery Calcium Scanning to Improve Patient Selection: Lessons from the EISNER Study. <b>2011</b> , 411-427	
22	The Therapeutical Potential of Diet and Exercise on Brain Repair. <b>2010</b> , 485-498	1
21	Childhood Obesity. <b>2012</b> , 863-888	
20	Is the Health Belief Model as an Appropriate Predictor of the Self-Care Behaviors in Type II Diabetic Patients?. <b>2014</b> , 3,	
19	Myokines and Metabolism. <b>2015</b> , 1-18	
18	The effects of mechanical loading on hard and soft tissues and cells. 51-61	
18	The effects of mechanical loading on hard and soft tissues and cells. 51-61  KEperliches Training in Prilention und Therapie ligestaltung und Effekte. <b>2017</b> , 17-60	1

О

15	The Physical Activity of Gymnasium and Secondary Education Teachers. 2017, 97-105	
14	Physical Inactivity is not the Same as Sedentarism: The Harm of Prolonged Sitting to Human Health. <b>2017</b> , 3,	
13	Pathophysiologie des Alterns und altersassoziierte Krankheiten. <b>2020</b> , 77-184	
12	Resistance training improves sleep quality in older adults a pilot study. <b>2005</b> , 4, 354-60	27
11	GDF15 in Appetite and Exercise: Essential Player or Coincidental Bystander?. 2021,	1
10	Movement, Cognition and Learning. <b>2022</b> , 117-129	
9	The Importance of Cardiorespiratory Fitness and Physical Activity among Adulthood Stages <b>R</b> eview. <b>2021</b> , 66, 85-101	O
8	Endothelial HSP72 is not reduced in type 2 diabetes nor is it a key determinant of endothelial insulin sensitivity <b>2022</b> ,	1
7	Sports recreation program with pre-modeled athletic throwing content. <b>2022</b> , 8, 34-45	
6	Coronary artery disease and cancer: a significant resemblance. <b>2022</b> , 39,	O
5	Characterizing the interindividual postexercise hypotension response for two order groups of concurrent training in patients with morbid obesity. 13,	0
4	Phosphatidylethanolamine facilitates mitochondrial pyruvate entry to regulate metabolic flexibility.	O
3	Exercise-induced modulation of neuroinflammation in ageing.	1
2	The molecular athlete: exercise physiology from mechanisms to medals.	O

Relationship between Skeletal Muscle Thickness and Physical Activity in 4- to 6-Year-Olds in Japan. **2023**, 10, 455