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Role of Inactivity in Chronic Diseases: Evolutionary Insight and Pathophysiological Mechanisms

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#	Paper	IF	Citations
351	The association between bouts of moderate to vigorous physical activity and patterns of sedentary behavior with frailty. 2018 , 104, 28-34		30
350	Clinical guideline and recommendations on pre-operative exercise training in patients awaiting major non-cardiac surgery. 2018 , 73, 750-768		69
349	Cardiovascular Function of Modern Pigs Does not Comply with Allometric Scaling Laws. 2018 , 8, 792		13
348	Interactive Dyadic Physical Activity and Spatial Proximity Patterns in 2-Year-Olds and Their Parents. 2018 , 5,		4
347	The role of physical activity in the context of pulmonary rehabilitation. 2018 , 15, 632-639		18
346	Effects of a Short-Term Recreational Team Handball-Based Programme on Physical Fitness and Cardiovascular and Metabolic Health of 33-55-Year-Old Men: A Pilot Study. 2018 , 2018, 4109796		13
345	Are There Limitations to Exercise Benefits in Peripheral Arterial Disease?. 2018 , 5, 173		6
344	Hunter-gatherers as models in public health. 2018 , 19 Suppl 1, 24-35		75
343	Metabolic Mechanisms of Exercise-Induced Cardiac Remodeling. 2018 , 5, 127		29
342	Energy Constraint as a Novel Mechanism Linking Exercise and Health. 2018 , 33, 384-393		24
341	Physical activity pattern and cardiorespiratory fitness in individuals with schizophrenia compared with a population-based sample. 2018 , 201, 98-104		13
340	Protection from chronic stress- and depressive symptom-induced vascular endothelial dysfunction in female rats is abolished by preexisting metabolic disease. 2018 , 314, H1085-H1097		9
339	Neuromuscular changes of the aged human hamstrings. 2018 , 120, 480-488		20
338	Cardiac ageing: extrinsic and intrinsic factors in cellular renewal and senescence. 2018 , 15, 523-542		59
337	The exercise sex gap and the impact of the estrous cycle on exercise performance in mice. 2018 , 8, 10742		22
336	Multiplex Quantification Identifies Novel Exercise-regulated Myokines/Cytokines in Plasma and in Glycolytic and Oxidative Skeletal Muscle. 2018 , 17, 1546-1563		13
335	Active commuting to and from university, obesity and metabolic syndrome among Colombian university students. 2018 , 18, 523		19

334	Exercise benefits in cardiovascular disease: beyond attenuation of traditional risk factors. 2018 , 15, 731-743	232
333	Aging is an adaptation that selects in animals against disruption of homeostasis. 2018 , 119, 68-78	2
332	Overexpression of Protein Kinase Inhibitor Alpha Reverses Rat Low Voluntary Running Behavior. 2019 , 56, 1782-1797	4
331	Seasonality of physical activity and its association with socioeconomic and health factors among urban-dwelling adults of Kaunas, Lithuania. 2019 , 19, 1067	10
330	Bone Health and Its Relationship with Impact Loading and the Continuity of Physical Activity throughout School Periods. 2019 , 16,	4
329	Health Wearables, Gamification, and Healthful Activity. 2019 ,	1
328	Fast skeletal muscle troponin activator CK-2066260 increases fatigue resistance by reducing the energetic cost of muscle contraction. 2019 , 597, 4615-4625	17
327	Human motor unit characteristics of the superior trapezius muscle with age-related comparisons. 2019 , 122, 823-832	8
326	Exercise Promotes Resolution of Acute Inflammation by Catecholamine-Mediated Stimulation of Resolvin D1 Biosynthesis. 2019 , 203, 3013-3022	9
325	Quantification of Mitochondrial Oxidative Phosphorylation in Metabolic Disease: Application to Type 2 Diabetes. 2019 , 20,	12
324	Long-Term Incidence of Atrial Fibrillation and Stroke Among Cross-Country Skiers. 2019 , 140, 910-920	20
323	The Reply. 2019 , 132, e757-e758	
322	Skeletal muscle energetics are compromised only during high-intensity contractions in the Goto-Kakizaki rat model of type 2 diabetes. 2019 , 317, R356-R368	4
321	Shaping the adult brain with exercise during development: Emerging evidence and knowledge gaps. 2019 , 78, 147-155	7
320	Chronic Widespread Pain and Fibromyalgia Syndrome: Life-Course Risk Markers in Young People. 2019 , 2019, 6584753	14
319	Rats Selectively Bred for High Voluntary Physical Activity Behavior are Not Protected from the Deleterious Metabolic Effects of a Western Diet When Sedentary. 2019 , 3, nzz017	1
318	Sports and Active Living Are Medicine, and Education, Happiness, Performance, Business, Innovation, and Cultureâ€”for a Sustainable World. 2019 , 1, 1	9
317	Anti-inflammatory and angiogenic effects of exercise training in cardiac muscle of diabetic mice. 2019 , 12, 565-573	12

316	Supervised physical therapy vs. home exercise for patients with lumbar spinal stenosis: a randomized controlled trial. 2019 , 19, 1310-1318	14
315	Abstracts zum 125. Kongress der Deutschen Gesellschaft für Innere Medizin e.V.. 2019 , 60, 1-69	
314	Physical Activity, Cardiorespiratory Fitness, and the Diabetes Spectrum. 2019 , 191-206	2
313	Skeletal muscle ceramides do not contribute to physical-inactivity-induced insulin resistance. 2019 , 44, 1180-1188	7
312	Physical activity and muscle-brain crosstalk. 2019 , 15, 383-392	202
311	Endurance exercise training does not limit coronary atherosclerosis in familial hypercholesterolemic swine. 2019 , 7, e14008	3
310	Voluntary Wheel Running: A Useful Rodent Model for Investigating the Mechanisms of Stress Robustness and Neural Circuits of Exercise Motivation. 2019 , 28, 78-84	9
309	Genetic and Epigenetic Modulation of Cell Functions by Physical Exercise. 2019 , 10,	4
308	Reduced physical activity in young and older adults: metabolic and musculoskeletal implications. 2019 , 10, 2042018819888824	62
307	Aerobic exercise promotes the expression of ERCC1 to prolong lifespan: A new possible mechanism. 2019 , 122, 22-25	5
306	The Health Risks of Obesity Have Been Exaggerated. 2019 , 51, 218-221	10
305	The role of management in achieving health outcomes in SFD programmes: A stakeholder perspective. 2019 , 22, 53-67	4
304	Run, lift, or both? Associations between concurrent aerobic-muscle strengthening exercise with adverse cardiometabolic biomarkers among Korean adults. 2020 , 27, 738-748	11
303	Objectively measured sedentary behaviour in overweight and obese prepubertal children: challenging the school. 2020 , 30, 533-544	3
302	Affective and perceptual responses during reduced-exertion high-intensity interval training (REHIT). 2020 , 18, 717-732	8
301	Pharmacological targeting of age-related changes in skeletal muscle tissue. 2020 , 154, 104191	2
300	Urban environment cues for health and well-being in the elderly. 2020 , 4, 117-134	7
299	Cost-effectiveness of exercise therapy in patients with coronary heart disease, chronic heart failure and associated risk factors: A systematic review of economic evaluations of randomized clinical trials. 2020 , 27, 1045-1055	22

298	The brown bear as a translational model for sedentary lifestyle-related diseases. 2020 , 287, 263-270	13
297	The molecular basis for current targets of NASH therapies. 2020 , 29, 151-161	8
296	An Evolutionary Perspective on Sedentary Behavior. 2020 , 42, e1900156	5
295	Skeletal muscle size, function, and adiposity with lifelong aerobic exercise. 2020 , 128, 368-378	23
294	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. 2020 , 52, 1144-1152	9
293	Sex differences in resilience: Experiential factors and their mechanisms. 2020 , 52, 2530-2547	14
292	Helicobacter pylori Related Diseases and Osteoporotic Fractures (Narrative Review). 2020 , 9,	4
291	Effects of physical inactivity in cardiovascular biomarkers. 2020 , 5, 21-21	
290	Fast skeletal muscle troponin activator CK-2066260 mitigates skeletal muscle weakness independently of the underlying cause. 2020 , 11, 1747-1757	1
289	Mobility in Older Community-Dwelling Persons: A Narrative Review. 2020 , 11, 881	18
288	Aβ(Euterpe oleracea Mart.) seed extract improves aerobic exercise performance in rats. 2020 , 136, 109549	4
287	Targeted Antioxidants in Exercise-Induced Mitochondrial Oxidative Stress: Emphasis on DNA Damage. 2020 , 9,	10
286	Environmental and Nutritional "Stressors" and Oligodendrocyte Dysfunction: Role of Mitochondrial and Endoplasmatic Reticulum Impairment. 2020 , 8,	4
285	Eveningness associates with lower physical activity from pre- to late adolescence. 2020 , 74, 189-198	5
284	Treating low back pain - Bridging the gap between manual therapy and exercise. 2020 , 24, 452-461	0
283	Exercise-Pharmacology Interactions: Metformin, Statins, and Healthspan. 2020 , 35, 338-347	6
282	Short-Term Consequences of Pediatric Anti-cancer Treatment Regarding Blood Pressure, Motor Performance, Physical Activity and Reintegration Into Sports Structures. 2020 , 8, 463	4
281	Physical Activity and Sociodemographic Profile of Brazilian People during COVID-19 Outbreak: An Online and Cross-Sectional Survey. 2020 , 17,	12

280	The Urgent Need to Sit Less and Move More During the COVID-19 Pandemic. 2020 , 40, 287-289	12
279	Antiviral Functional Foods and Exercise Lifestyle Prevention of Coronavirus. 2020 , 12,	46
278	Vitamin C and E Treatment Blunts Sprint Interval Training-Induced Changes in Inflammatory Mediator-, Calcium-, and Mitochondria-Related Signaling in Recreationally Active Elderly Humans. 2020 , 9,	10
277	Determinants of physical activity maintenance during the Covid-19 pandemic: a focus on fitness apps. 2020 , 10, 835-842	45
276	Born to Run Out of COVID-19: What Gives Us Wings. 2020 , 2, 105	5
275	Bullying victimization, physical inactivity and sedentary behavior among children and adolescents: a meta-analysis. 2020 , 17, 114	2
274	Heat adaptation in humans: the significance of controlled and regulated variables for experimental design and interpretation. 2020 , 120, 2583-2595	3
273	Adherence Factors Related to Exercise Prescriptions in Healthcare Settings: A Review of the Scientific Literature. 2020 , 1-10	1
272	Design and Validity of a Choice-Modeling Questionnaire to Analyze the Feasibility of Implementing Physical Activity on Prescription at Primary Health-Care Settings. 2020 , 17,	0
271	Considerations for Return to Exercise Following Mild-to-Moderate COVID-19 in the Recreational Athlete. 2020 , 1-6	13
270	A Scoping Review of How Income Affects Accessing Local Green Space to Engage in Outdoor Physical Activity to Improve Well-Being: Implications for Post-COVID-19. 2020 , 17,	11
269	Social media and smartphone app use predicts maintenance of physical activity during Covid-19 enforced isolation in psychiatric outpatients. 2021 , 26, 3920-3930	7
268	Idiopathic Osteoporosis and Nephrolithiasis: Two Sides of the Same Coin?. 2020 , 21,	4
267	Exercise interventions in solid organ transplant candidates: A systematic review. 2020 , 34, e13900	4
266	Coronavirus Outbreak in Italy: Physiological Benefits of Home-Based Exercise During Pandemic. 2020 , 5,	43
265	Interplay between hormones and exercise on hippocampal plasticity across the lifespan. 2020 , 1866, 165821	3
264	"Exercise with facemask; Are we handling a devil's sword?" - A physiological hypothesis. 2020 , 144, 110002	40
263	Potential Importance of Immune System Response to Exercise on Aging Muscle and Bone. 2020 , 18, 350-356	5

262	Music-Related Interventions in the Exercise Domain. 2020 , 929-949	7
261	Exercise and metabolic health: beyond skeletal muscle. 2020 , 63, 1464-1474	37
260	Alanine and l-histidine supplementation associated with combined training increased functional capacity and maximum strength in heart failure rats. 2020 , 105, 831-841	2
259	Ceramide Biomarkers Predictive of Cardiovascular Disease Risk Increase in Healthy Older Adults After Bed Rest. 2020 , 75, 1663-1670	7
258	Compliant Titin Isoform Content Is Reduced in Left Ventricles of Sedentary Versus Active Rats. 2020 , 11, 15	1
257	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. 2020 , 181, 1464-1474	51
256	A qualitative exploration of cardiovascular disease patients' views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project. 2020 , 15, e0235274	3
255	Activated whole-body arginine pathway in high-active mice. 2020 , 15, e0235095	1
254	Influence of Exercise Training on Skeletal Muscle Insulin Resistance in Aging: Spotlight on Muscle Ceramides. 2020 , 21,	14
253	Effects of an 8-week training cessation period on cognition and functional capacity in older adults. 2020 , 134, 110890	4
252	The effects of manipulation of Frequency, Intensity, Time, and Type (FITT) on exercise adherence: A meta-analysis. 2020 , 3, 222-234	2
251	Exercise-Released Myokines in the Control of Energy Metabolism. 2020 , 11, 91	45
250	Pharmacological inhibition of TLR4 ameliorates muscle and liver ceramide content after disuse in previously physically active mice. 2020 , 318, R503-R511	9
249	Combating physical inactivity during the COVID-19 pandemic. 2020 , 16, 347-348	75
248	Cycling but not walking to work or study is associated with physical fitness, body composition and clustered cardiometabolic risk in young men. 2020 , 6, e000668	5
247	A tale of two pandemics: How will COVID-19 and global trends in physical inactivity and sedentary behavior affect one another?. 2021 , 64, 108-110	286
246	Impact of sedentarism due to the COVID-19 home confinement on neuromuscular, cardiovascular and metabolic health: Physiological and pathophysiological implications and recommendations for physical and nutritional countermeasures. 2021 , 21, 614-635	161
245	Influence of Adherence to Social Distancing Due to the COVID-19 Pandemic on Physical Activity Level in Post-bariatric Patients. 2021 , 31, 1372-1375	4

244	Preoperative Exercise Training to Prevent Postoperative Pulmonary Complications in Adults Undergoing Major Surgery. A Systematic Review and Meta-analysis with Trial Sequential Analysis. 2021 , 18, 678-688	14
243	Barriers in translating preclinical rodent exercise metabolism findings to human health. 2021 , 130, 182-192	7
242	Physical activity and cardiorespiratory fitness-A ten-year follow-up. 2021 , 31, 742-751	2
241	The impact of moving more, physical activity, and cardiorespiratory fitness: Why we should strive to measure and improve fitness. 2021 , 64, 77-82	4
240	The current global state of movement and physical activity - the health and economic costs of the inactive phenotype. 2021 , 64, 9-16	3
239	Lifestyle Medicine During (and After) the COVID-19 Pandemic. 2021 , 15, 60-67	8
238	A Tailored Web- and Text-Based Intervention to Increase Physical Activity for Latino Men: Protocol for a Randomized Controlled Feasibility Trial. 2021 , 10, e23690	0
237	Acute and Chronic Exercise on Autophagy. 2021 , 29-46	
236	Complications of Obesity. 2021 , 95-116	0
235	Development and evaluation of the sedentary behavior and light-intensity physical activity questionnaire. 2021 , 33, 125-131	3
234	Physical distancing â physical inactivity. 2021 , 11, 941-944	6
233	Prehabilitation Coming of Age: IMPLICATIONS FOR CARDIAC AND PULMONARY REHABILITATION. 2021 , 41, 141-146	2
232	Self-Perceived Changes in Physical Activity and the Relation to Life Satisfaction and Rated Physical Capacity in Swedish Adults during the COVID-19 Pandemic-A Cross Sectional Study. 2021 , 18,	17
231	Physical Activity during COVID-19 in German Adults: Analyses in the COVID-19 Snapshot Monitoring Study (COSMO). 2021 , 18,	7
230	A Case Study to Overcome Barriers and Enhance Motivations Through Experience of a Variety of Exercises: Theory-Based Intervention on an Overweight and Physically Inactive Adult. 2021 , 5, 86-94	
229	[Optical coherence tomography angiography and cardiovascular diseases. An overview of the current knowledge]. 2021 , 118, 1119-1127	1
228	'Tracking Together'-Simultaneous Use of Human and Dog Activity Trackers: Protocol for a Factorial, Randomized Controlled Pilot Trial. 2021 , 18,	
227	Does legislative framework favors prescription of physical activity in primary care ? The French experience. 2021 , 1-7	0

226	Exercise training in patients after kidney transplantation. 2021 , 14, ii15-ii24	2
225	Physical Activity, Cardiorespiratory Fitness, and Population-Attributable Risk. 2021 , 96, 342-349	3
224	Nuances between sedentary behavior and physical inactivity: cardiometabolic effects and cardiovascular risk. 2021 , 67, 335-343	2
223	The effect of physical activity on total homocysteine concentrations and cardiovascular risk in older Brazilian adults with type 2 diabetes. 2021 , 20, 407-416	0
222	Endurance Training Regulates Expression of Some Angiogenesis-Related Genes in Cardiac Tissue of Experimentally Induced Diabetic Rats. 2021 , 11,	0
221	Yoga, Dance, Team Sports, or Individual Sports: Does the Type of Exercise Matter? An Online Study Investigating the Relationships Between Different Types of Exercise, Body Image, and Well-Being in Regular Exercise Practitioners. 2021 , 12, 621272	1
220	Critical Evaluation of the Case for Pausing California's School-based Fitness Testing. 2021 , 8, 168-183	1
219	COVID-19 nationwide lockdown and physical activity profiles among North-western Italian population using the International Physical Activity Questionnaire (IPAQ). 2021 , 17, 1-6	5
218	Factors that Contribute to the Reduction of Participation in Sports Activities Among University Students. 2021 , 66, 51-59	
217	Benefits of STRENOLD Program on Health-Related Quality of Life in Adults Aged 60 Years or Older. In Common Sport Study. 2021 , 18,	3
216	Preclinical rodent models of physical inactivity-induced muscle insulin resistance: challenges and solutions. 2021 , 130, 537-544	3
215	Different baseline physical activity predicts susceptibility and resilience to chronic social defeat stress in mice: Involvement of dopamine neurons. 2021 , 45, 15-28	3
214	Dissatisfaction with Married Life in Men Is Related to Increased Stroke and All-Cause Mortality. 2021 , 10,	2
213	Accelerometer-Measured Daily Step Counts and Adiposity Indicators among Latin American Adults: A Multi-Country Study. 2021 , 18,	3
212	Analysis of Hearing Loss and Physical Activity Among US Adults Aged 60-69 Years. 2021 , 4, e215484	9
211	Nutrition for Older Athletes: Focus on Sex-Differences. 2021 , 13,	2
210	Physical exercise and COVID-19 pandemic in PubMed: Two months of dynamics and one year of original scientific production. 2021 , 3, 80-92	9
209	Impact of lifestyle on health-related quality of life among young university students: a cross-sectional study. 2021 , 139, 443-451	2

208	Gain-Loss Incentives and Physical Activity: The Role of Choice and Wearable Health Tools.	2
207	Comparison of Physical Activity Levels in Youths before and during a Pandemic Lockdown. 2021 , 18,	11
206	Negative impact of disuse and unloading on tendon enthesis structure and function. 2021 , 29, 46-52	4
205	Isolation, behavioral changes and low seroprevalence of SARS-CoV-2 antibodies in patients with Systemic Lupus Erythematosus or Rheumatoid arthritis. 2021 ,	7
204	Analysis of Effectiveness of a Supplement Combining , and in Healthy Recreational Runners with Self-Reported Knee Pain: A Pilot, Randomized, Triple-Blind, Placebo-Controlled Trial. 2021 , 18,	1
203	Synergistic harmful interaction between sustained physical inactivity and hypertension/diabetes mellitus on the risk of all-cause mortality: a retrospective observational cohort study. 2021 , 39, 2058-2066	0
202	Skeletal muscle loss and body composition in progressive supranuclear palsy: A retrospective cross-sectional study. 2021 , 16, e0253079	1
201	Is Self-Determined Motivation a Useful Agent to Overcome Perceived Exercise Barriers in Patients With Type 2 Diabetes Mellitus?. 2021 , 12, 627815	0
200	Activit�s physiques, s�dentarit�, comorbidit�s et arthrose. 2021 , 88, 194-202	1
199	The Influence of Social Distancing Behaviors and Psychosocial Factors on Physical Activity During the COVID-19 Pandemic: Cross-sectional Survey Study (Preprint).	1
198	��Keep your body in motion��Physical activity and exercise for idiopathic inflammatory myopathies during the COVID-19 pandemic. 2021 ,	
197	Implementing Cardiorespiratory Fitness as a Routine Measure in Health Care Settings. 2021 , 10, 62-69	1
196	Engaging Diverse Community Groups to Promote Population Health through Healthy City Approach: Analysis of Successful Cases in Western Pacific Region. 2021 , 18,	0
195	Changes in Physical Activity and Television Viewing From Pre-pregnancy Through Postpartum Among a Socioeconomically Disadvantaged Perinatal Adolescent Population. 2021 , 34, 832-838	0
194	International Exercise Recommendations in Older Adults (ICFSR): Expert Consensus Guidelines. 2021 , 25, 824-853	58
193	Gut Microbiome Signatures of Risk and Prodromal Markers of Parkinson Disease. 2021 , 90, E1-E12	7
192	Adherence to a Lifestyle Exercise and Nutrition Intervention in University Employees during the COVID-19 Pandemic: A Randomized Controlled Trial. 2021 , 18,	3
191	Immunometabolic responses according to physical fitness status and lifelong exercise during aging: New roads for exercise immunology. 2021 , 68, 101341	8

190	Altered immunoemotional regulatory system in COVID-19: From the origins to opportunities. 2021 , 356, 577578	1
189	Online Exercise Classes during the COVID-19 Related Lockdown in Germany: Use and Attitudes. 2021 , 13, 7677	1
188	The world in lockdown: Unprecedented challenges and after-effects. 2021 , 7, 69-71	
187	Mildronate protects heart mtDNA from oxidative stress toxicity induced by exhaustive physical exercise. 2021 , 705, 108892	2
186	Short-Term, Equipment-Free High Intensity Interval Training Elicits Significant Improvements in Cardiorespiratory Fitness Irrespective of Supervision in Early Adulthood. 2021 , 3, 697518	0
185	Potential Physiological and Cellular Mechanisms of Exercise That Decrease the Risk of Severe Complications and Mortality Following SARS-CoV-2 Infection. 2021 , 9,	0
184	RNA-bound PGC-1 α controls gene expression in liquid-like nuclear condensates. 2021 , 118,	4
183	Resting Oxygen Uptake Value of 1 Metabolic Equivalent of Task in Older Adults: A Systematic Review and Descriptive Analysis. 2021 , 1	4
182	Sex-dependent development of enhanced sympathoexcitation in sedentary versus physically active rats. 2021 , 599, 4101-4116	1
181	RNA sequencing on muscle biopsy from a 5-week bedrest study reveals the effect of exercise and potential interactions with dorsal root ganglion neurons.	
180	Exercise, Nutrition, and Supplements in the Muscle Carnitine Palmitoyl-Transferase II Deficiency: New Theoretical Bases for Potential Applications. 2021 , 12, 704290	1
179	Aerobic Exercise in the Management of Metabolic Dysfunction Associated Fatty Liver Disease. 2021 , 14, 3627-3645	4
178	The Influence of Social Distancing Behaviors and Psychosocial Factors on Physical Activity During the COVID-19 Pandemic: Cross-sectional Survey Study. 2021 , 7, e31278	4
177	Association of physical activity levels and the prevalence of COVID-19-associated hospitalization. 2021 , 24, 913-918	8
176	Effect of Exercise Training on Fat Loss-Energetic Perspectives and the Role of Improved Adipose Tissue Function and Body Fat Distribution. 2021 , 12, 737709	5
175	Exercise as Treatment for Neuropathy in the Setting of Diabetes and Pre-diabetic Metabolic Syndrome: a Review of Animal Models and Human Trials. 2021 ,	1
174	Feasibility of an online, mental health-informed lifestyle program for people aged 60+ years during the COVID-19 pandemic. 2021 ,	0
173	Longitudinal changes in physical activity during and after the first national lockdown due to the COVID-19 pandemic in England. 2021 , 11, 17723	16

172	Peripheral impairments of oxidative metabolism after a 10-day bed rest are upstream of mitochondrial respiration. 2021 , 599, 4813-4829	3
171	The genetics of human performance. 2021 ,	3
170	Associations between individual and environmental determinants and physical activity levels of an active population during the Spanish lockdown. 2021 , 153, 106719	1
169	Regulation of neuroinflammation, resolution, and neuroprotection by aerobic exercise, yoga, and Tai Chi. 2022 , 221-247	
168	Effect of a Home-Based Exercise Program on Indices of Physical Function and Quality of Life in Elderly Maintenance Hemodialysis Patients. 2021 , 46, 196-206	2
167	Gut Microbiome Signatures of Risk and Prodromal Markers of Parkinson Disease. 2020 , 88, 320-331	32
166	Readdressing the Needs of Cancer Survivors During COVID-19: A Path Forward. 2021 , 113, 955-961	4
165	Voluntary wheel running improves outcomes in an early life stress-induced model of urologic chronic pelvic pain syndrome in male mice. 2021 , 162, 1681-1691	3
164	Social media and smartphone app use predicts maintenance of physical activity during Covid-19 enforced isolation in psychiatric outpatients.	3
163	Increased prolonged sitting in rheumatoid arthritis patients during the COVID-19 pandemic: a within-subjects, accelerometer-based study.	1
162	Physical Activity Decreases the Prevalence of COVID-19-associated Hospitalization: Brazil EXTRA Study.	5
161	Can Physical Activity While Sedentary Produce Health Benefits? A Single-Arm Randomized Trial. 2020 , 6, 47	4
160	The epidemiology of muscle-strengthening exercise in Europe: A 28-country comparison including 280,605 adults. 2020 , 15, e0242220	11
159	Protein fractional synthesis rates within tissues of high- and low-active mice. 2020 , 15, e0242926	0
158	Lifestyle vs. pharmacological interventions for healthy aging. 2020 , 12, 5-7	1
157	The Role of Exercise as a Treatment and Preventive Strategy during Covid-19 Pandemic. 2020 , 25, 238-245	2
156	New Insights about Regulatory T Cells Distribution and Function with Exercise: The Role of Immunometabolism. 2020 , 26, 979-990	15
155	Using Digital Health Technologies to Understand the Association Between Movement Behaviors and Interstitial Glucose: Exploratory Analysis. 2018 , 6, e114	6

154	A Narrative Review of Motor Competence in Children and Adolescents: What We Know and What We Need to Find Out. 2020 , 18,	20
153	mHealth technology for ecological momentary assessment in physical activity research: a systematic review. 2020 , 8, e8848	9
152	Digital Intervention Strategies for Increasing Physical Activity Among Preschoolers: Systematic Review.. 2022 , 24, e28230	1
151	Cross-sectional evidence of the cardiometabolic health benefits of urban liveability in Australia. 2021 , 1,	1
150	Predicting Physical Exercise Adherence in Fitness Apps Using a Deep Learning Approach. 2021 , 18,	2
149	Physical Activity and Nutritional Influence on Immune Function: An Important Strategy to Improve Immunity and Health Status. 2021 , 12, 751374	4
148	How can an agent-based model explore the impact of interventions on children's physical activity in an urban environment?. 2021 , 72, 102688	5
147	Using Digital Health Technologies to Understand the Association Between Movement Behaviors and Interstitial Glucose: Exploratory Analysis (Preprint).	
146	Physical fitness and physical activity in women with obesity: short term effects of sleeve gastrectomy. 2019 , 36, 840-845	2
145	Potential Role of Adiponectin Receptor Agonist, AdipoRon in Cardiometabolic Disease. 2019 , 28, 102-109	
144	Fitness and Fatness: Body Mass Index versus Percent Body Fat. 2019 , 8, 131-137	0
143	Gut microbiome signatures of risk and prodromal markers of Parkinson's disease.	0
142	Actividad física y ejercicio en tiempos de COVID-19. 34, 51-58	0
141	Voluntary wheel running improves outcomes in an early life stress-induced model of urologic chronic pelvic pain syndrome in male mice.	
140	Influence of adherence to social distancing due to the COVID-19 pandemic on physical activity level in post-bariatric patients.	
139	Support Vector Machine Classifiers Show High Generalizability in Automatic Fall Detection in Older Adults. 2021 , 21,	1
138	On the Issue of Functional Vestibular Disorders and Methods of Their Correction in Foreign Students. 2021 , 6, 356-361	
137	Factors Associated with Reduction in Physical Activity during the COVID-19 Pandemic in São Paulo, Brazil: An Internet-Based Survey Conducted in June 2020. 2021 , 18,	1

- 136 Exercise and Peripheral Arteriosclerosis. **2020**, 1228, 181-193 0
- 135 Introduction to Exercise Physiology. **2020**, 1-31 0
- 134 Cardiorespiratory and metabolic responses to exercise testing during lower-body positive pressure running. **2020**, 128, 778-784 1
- 133 The effect of replacing sedentary behavior by different intensities of physical activity in body composition: a systematic review. 46, e021304
- 132 Lower Cardiorespiratory Fitness Is Associated With Right Ventricular Geometry and Function - The Sedentary's Heart: SHIP. **2021**, 10, e021116 2
- 131 RNA-bound PGC-1 α controls gene expression in liquid-like nuclear condensates.
- 130 Effects of Home-Based Exercise Training Systems, Combined with Diet, on Cardiometabolic Health. **2019**, 12, 871-885
- 129 The effect of whole-body high-intensity interval training on heart rate variability in insufficiently active adults.. **2022**, 20, 48-53 0
- 128 Participation in physical activity decreased more in people with rheumatoid arthritis than the general population during the COVID-19 lockdown: a cross-sectional study. **2021**, 1 2
- 127 Did COVID-19 Pandemic Change People's Physical Activity Distribution, Eating, and Alcohol Consumption Habits as well as Body Mass Index?. **2021**, 18, 1
- 126 [Digital home-based multidisciplinary cardiac rehabilitation: How to counteract physical inactivity during the COVID-19 pandemic]. **2021**, 0
- 125 A tale of two pandemics revisited: Physical inactivity, sedentary behavior and poor COVID-19 outcomes reside in the same Syndemic City. **2021**, 3
- 124 Whole Body Vibration as an Exercise Modality to Prevent Sarcopenia and Osteoporosis. **2022**, 459-472 1
- 123 Parent Physical Activity: A Systematic Review of the Literature and Recommendations for Parents of Children With Autism Spectrum Disorder.. **2022**, 1-16
- 122 An in silico analysis of genome-wide expression profiles of the effects of exhaustive exercise identifies heat shock proteins as the key players. **2022**, 31, 101012 1
- 121 Designing a Perceptual-Motor Training Package and Evaluating its Effectiveness on Motor Skills of Children with Visual Impairment during COVID-19 Epidemic. **2020**, 12, 271-277
- 120 Feasibility of student-designed, peer-led classroom physical activity breaks in graduate school. **2021**, 1-9
- 119 The CLOCK 3111T/C polymorphism is associated with hour-by-hour physical activity levels only on weekends among Japanese male and female university students.. **2022**, 247, 113705 1

118	Supplementing cultured human myotubes with hibernating bear serum results in increased protein content by modulating Akt/FOXO3a signaling.. 2022 , 17, e0263085	0
117	Social isolation is a direct determinant of decreased home-cage activity in mice: A within-subjects study using a body-implantable actimeter.. 2021 ,	0
116	Potential Application of Exosomes in Vaccine Development and Delivery.. 2022 , 1	1
115	The effect of preoperative chest physiotherapy on oxygenation and lung function in cardiac surgery patients: a randomized controlled study.. 2022 , 42, 8-16	1
114	Validity and reliability of the Greek version of modified Baecke questionnaire.. 2022 , 203, 58-64	2
113	Physical Activity Levels of a Multi-Ethnic Population of Young Men Living in Saudi Arabia and Factors Associated With Physical Inactivity.. 2021 , 9, 734968	6
112	Unraveling Muscle Impairment Associated With COVID-19 and the Role of 3D Culture in Its Investigation.. 2022 , 9, 825629	4
111	Association of Cardiopulmonary Exercise Capacity and Adipokines in the General Population.. 2022 ,	0
110	Cardiovasomobility: An Integrative Understanding of how Disuse Impacts Cardiovascular and Skeletal Muscle Health.. 2022 ,	3
109	RNA sequencing on muscle biopsy from a 5-week bed rest study reveals the effect of exercise and potential interactions with dorsal root ganglion neurons.. 2022 , 10, e15176	1
108	Effects of combined training on metabolic profile, lung function, stress and quality of life in sedentary adults: A study protocol for a randomized controlled trial.. 2022 , 17, e0263455	
107	Physical Activity Levels of a Multi-Ethnic Population of Middle-Aged Men Living in Saudi Arabia and Factors Associated With Physical Inactivity.. 2021 , 66, 1604328	2
106	Effects of Running on the Development of Diabetes and Diabetes-Induced Complications. 2022 , 58, 174-192	0
105	Are Gyms a Feasible Setting for Exercise Training Interventions in Patients with Cardiovascular Risk Factors? An Italian 10-Years Cross-Sectional Survey Comparison.. 2022 , 19,	1
104	Healthy Dwelling: Design of Biophilic Interior Environments Fostering Self-Care Practices for People Living with Migraines, Chronic Pain, and Depression.. 2022 , 19,	2
103	Exploring the impact of daily food habit and modification of lifestyle for boosting immunity against COVID-19.. 2022 , 8, e08983	1
102	Simultaneous assessment of spontaneous cage activity and voluntary wheel running in group-housed mice.. 2022 , 12, 4444	
101	Physical exercise attenuates obesity development in Western-diet fed obese rats, independently of vitamin D supplementation.. 2022 ,	

100	Physical Inactivity as a Wicked Problem in Sub-Sahara Africa: Overview and Recommendations. 2022 , 15,	
99	Highlighting the Benefits of Rehabilitation Treatments in Hip Osteoarthritis.. 2022 , 58,	4
98	YouTube as a Source of Information About Physical Exercise During COVID-19 Outbreak. 2022 , 4,	0
97	State of Knowledge on Molecular Adaptations to Exercise in Humans: Historical Perspectives and Future Directions.. 2022 , 12, 3193-3279	2
96	Metabolic reprogramming underlies cavefish muscular endurance despite loss of muscle mass and contractility.	1
95	From the Lab to Real Life: Monitoring Cardiorespiratory Fitness during the COVID-19 Pandemic through Wearable Devices. An Exploratory Longitudinal Study on Healthy Participants.. 2022 , 10,	
94	The burden of multiple sclerosis among postpartum women and self management's challenges: Pilot study of supportive program.. 2022 , 60, 103694	
93	Mobilising patients with severe acquired brain injury in intensive care (MAWERIC) - Protocol for a randomised cross-over trial.. 2022 , 116, 106738	
92	Combined RNA-seq and molecular biology technology revealed the protective effect of Cyclocarya paliurus polysaccharide on HO-induced oxidative damage in L02 cells through regulating mitochondrial function, oxidative stress and PI3K/Akt and MAPK signaling pathways.. 2022 , 155, 111080	2
91	The Role of Exercise Training on Low-Grade Systemic Inflammation in Adults with Overweight and Obesity: A Systematic Review.. 2021 , 18,	3
90	The Exposome and Immune Health in Times of the COVID-19 Pandemic.. 2021 , 14,	6
89	Dispersion of daily physical activity behaviors in school-age children: A novel approach to measure patterns of physical activity. 2021 , e12364	
88	Exercise. 2022 , 311-340	
87	Marketing social et lombalgie. 2022 ,	
86	Beyond the Calorie Paradigm: Taking into Account in Practice the Balance of Fat and Carbohydrate Oxidation during Exercise?. 2022 , 14,	0
85	COMBINING DIFFERENT CONCURRENT TRAINING METHODS IN OLDER ADULTS WITH METABOLIC SYNDROME. 2022 , 28, 267-273	
84	Microbiota, Sports and Exercise Medicine. 2022 , 55-78	
83	Regular Low-Intensity Exercise Prevents Cognitive Decline and a Depressive-Like State Induced by Physical Inactivity in Mice: A New Physical Inactivity Experiment Model. 2022 , 16,	0

82	Participation in Sports Clubs during College Is an Important Factor Associated with School Counselors' Participation in Leisure Time Activities.. 2022 , 19,	0
81	Physical exercise training in the syllabus of Bachelor of Science in nursing degrees: An environmental scan.. 2022 , 1-27	0
80	Exploring the impacts of COVID-19 on the lifestyles of community-living adults in Singapore: A qualitative study.	0
79	Interactions Between Statins, Exercise, and Health: A Clinical Update. 2022 , 11, 54-61	
78	Physical Exercise for Health and Performance Post-Pandemic COVID-19 Era, a Renewed Emphasis on Public Health. 2022 , 19, 6475	1
77	Physical Activity Behavior During and After COVID-19 Stay-at-Home OrdersâA Longitudinal Study in the Austrian, German, and Italian Alps. 2022 , 10,	0
76	Swedish Recreational Businesses Coping with COVID-19 Using Technologies. 2022 , 349-357	0
75	Municipal resources to promote adult physical activity - a multilevel follow-up study. 2022 , 22,	1
74	Associations between objectively measured physical activity, sedentary time, and cardiorespiratory fitness with inflammatory and oxidative stress markers and heart rate variability. 2022 , 11, 227990362211065	0
73	Effectiveness of a healthcare-based mobile intervention on sedentary patterns, physical activity, mental well-being and clinical and productivity outcomes in office employees with type 2 diabetes: study protocol for a randomized controlled trial. 2022 , 22,	0
72	DNA methylation clock DNAmFitAge shows regular exercise is associated with slower aging and systemic adaptation.	0
71	Real intensity of physical activity capacity of patients with chronic disease: a cross-sectional study. 2022 , 12,	
70	Design and Evaluation of an Outdoor Exercise Program for Pediatric Cancer Survivors. 2022 , 9, 1117	
69	The Effects of the Hybrid Telerehabilitation Exercise Program in Inactive University Students during COVID-19 Pandemic âA Randomized Controlled Study.	
68	Informing State-Wide Coalition Efforts to Implement and Integrate Nutrition Best Practices in Early Care and Education: Focus Group Insights from Child Care Providers. 2022 , 19, 10025	
67	Effect of Physical Activity/Exercise on Oxidative Stress and Inflammation in Muscle and Vascular Aging. 2022 , 23, 8713	3
66	Molecular Mechanisms of Inflammation in Sarcopenia: Diagnosis and Therapeutic Update. 2022 , 11, 2359	2
65	The Effect of COVID-19 Restrictions on Changes in Moderate-to-Vigorous Physical Activity Was âA Double-Edged SwordâIt Improved for Some and Worsened for Others. 2022 , 14, 10091	0

- 64 Physical Exercise to Improve Functional Capacity: Randomized Clinical Trial in Bariatric Surgery Population. **2022**, 11, 4621
- 63 Productivity loss, healthcare costs and habitual physical activity among adults with cardiovascular diseases. Publish Ahead of Print,
- 62 Impact of COVID-19 Pandemic on Physical Activity and Sedentary Behaviors among Young Adults of G Dh. Thinadhoo, Maldives. **2022**, 10, 216-238 ○
- 61 Sport for Health and Well-Being. **2022**, 27-42 ○
- 60 Pilot Feasibility Assessment of a Tailored Physical Activity Prescription in Overweight and Obese People in a Public Hospital. **2022**, 19, 10774 ○
- 59 Can a Healthy Lifestyle Prevent Disability Pension among Female Healthcare Workers with Good and Poor Self-Rated Health? Prospective Cohort Study with 11-Year Register Follow-Up. **2022**, 19, 10631 ○
- 58 Association between chronic low back pain and regular exercise, sedentary behaviour and mental health before and during COVID-19 pandemic: insights from a large-scale cross-sectional study in Germany. **2022**, 23, 1
- 57 Análise de Força Muscular e Mobilidade de Pacientes com Câncer Hematológico Atendidos pela Fisioterapia em um Centro de Assistência de Alta Complexidade em Oncologia. **2022**, 68, ○
- 56 Factors Affecting Physical Activity of People with Knee Osteoarthritis in Southern Taiwan: A Multiple Logistic Regression Analysis. **2022**, 2022, 1-7 ○
- 55 Depressive symptoms anticipate behavioral and emotional factors among older adults: A prospective cross-lagged panel design. ○
- 54 Physical Activity Programmes in the Treatment of Addictions: A Systematic Review. **2022**, 12, 9117 ○
- 53 Neuromuscular function in experimental disuse - a prime suspect?. ○
- 52 Factors affecting the physical activity of healthcare workers of Iran University of Medical Sciences: a qualitative study. **2022**, 80, ○
- 51 Bringing the lab bench to the field: Point-of-care testing for enhancing health research and stakeholder engagement in rural/remote, indigenous, and resource-limited contexts. ○
- 50 Does Exercise Training Improve Physical Fitness and Health in Adult Liver Transplant Recipients? A Systematic Review and Meta-analysis. Publish Ahead of Print, ○
- 49 Duration- and sex-dependent neural circuit control of voluntary physical activity. 1
- 48 Physical Inactivity and Chronic Disease. **2022**, 57, 252-257 ○
- 47 Contributions of physical inactivity and sedentary behavior to metabolic and endocrine diseases. **2022**, 1

- 46 A health message on sustainable physical and mental health for the prolonged COVID-19 and other pandemics. 1-18 1
- 45 The impact of aging and physical training on angiogenesis in the musculoskeletal system. 10, e14228 o
- 44 Sarcopenia in Immune-Mediated Rheumatic DiseasesâReview. Publish Ahead of Print, o
- 43 Electronic Wearable Device Use for Physical Activity in Older Adults: A Qualitative Study. o
- 42 The First Wave of the COVID-19 Pandemic Strengthened the âStrongâ and Weakened the âWeakâ Ones. **2022**, 19, 14523 o
- 41 Energy metabolism and frailty: The potential role of exercise-induced myokines âA narrative review. **2022**, 82, 101780 o
- 40 The Effect of Aerobic Exercise and Low-Impact Pilates Workout on the Adaptive Immune System. **2022**, 11, 6814 1
- 39 Meeting Guidelines for Physical Activity, Muscle Strength, and Sleep Lowers Mortality Risk: Commentary on: âAssociations between aerobic and muscle-strengthening physical activity, sleep duration, and risk of all-cause mortality: A prospective cohort study of 282,473 U.S. adultsâ **2022**, o
- 38 Clinical Impact of Severe Obesity in Patients with Lymphedema. **2022**, o
- 37 Self-perception of primary health-care staff about physical activity on prescription: A qualitative semi-structured interview. **2023**, 49, 101856 o
- 36 Depressive symptoms anticipate behavioral and emotional factors among older adults: A prospective cross-lagged panel design. **2023**, 3, 100096 o
- 35 Organism-wide secretome mapping uncovers pathways of tissue crosstalk in exercise. o
- 34 Effects of a Structured Multicomponent Physical Exercise Intervention on Quality of Life and Biopsychosocial Health among Chilean Older Adults from the Community with Controlled Multimorbidity: A PreâPost Design. **2022**, 19, 15842 o
- 33 Exercise training for adult kidney transplant recipients. **2022**, 2022, o
- 32 Behavioral and Dietary Habits That Could Influence Both COVID-19 and Non-Communicable Civilization Disease PreventionâWhat Have We Learned Up to Now?. **2022**, 58, 1686 1
- 31 Associations of physical activity intensity with incident cardiovascular diseases and mortality among 366,566 UK adults. **2022**, 19, o
- 30 The effect of six weeks of concurrent training (endurance-resistance) on the performance of the cardio-respiratory system in inactive young women. o
- 29 Prevalence of Cardiovascular Disease and Associated Risk Factors among Adult Population Attending Fitness Center/Gymnasium in Arar. **2022**, 13, 127-133 o

- 28 Cutting edge concepts: Does bilirubin enhance exercise performance?. 4, 1
- 27 Mitochondrial response to inactivity-induced muscle disuse and exercise training. 0
- 26 Important Concepts in Protein Nutrition, Aging, and Skeletal Muscle: Honoring Dr. Douglas Paddon-Jones (1969-2021) by Highlighting His Research Contributions. **2023**, 0
- 25 Symmetrical Hardware-Software Design for Improving Physical Activity with a Gamified Music Step Sensor Box. **2023**, 12, 368 0
- 24 The molecular athlete: exercise physiology from mechanisms to medals. 0
- 23 Cluster de fatores de risco modificáveis e sua associação com percepção negativa de saúde em idosos. **2022**, 30, 319-328 0
- 22 Housework-based exercise versus conventional exercise on health-related fitness of adolescent learners. **2022**, 26, 364-373 0
- 21 Integrated Dynamic Autonomic and Cardiovascular Regulation during Postural Transitions in Older Adults Living with Frailty: A Systematic Review Protocol. **2023**, 20, 566 0
- 20 Influence of traumatic lower-limb amputation on physical activity, body composition and cardiometabolic risks: A descriptive preliminary study. 0
- 19 Exercise and inactivity as modifiers of β-cell function and type 2 diabetes risk. **2023**, 134, 823-839 0
- 18 Change in physical activity related to admission for exacerbation in COPD patients. **2023**, 212, 107236 0
- 17 Ausdauer- und Krafttraining zur präoperativen Konditionierung des viszeralchirurgischen Patienten. **2022**, 153-166 0
- 16 Effects of Taekwondo Training on Growth Factors in Normal Korean Children and Adolescents: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. **2023**, 10, 326 0
- 15 Muscle disuse as hindlimb unloading in early postnatal mice negatively impacts grip strength in adult mice: a pilot study. **2023**, 134, 787-798 0
- 14 Molecular control of endurance training adaptation in mouse skeletal muscle. 0
- 13 Increased Prolonged Sitting in Patients with Rheumatoid Arthritis during the COVID-19 Pandemic: A Within-Subjects, Accelerometer-Based Study. **2023**, 20, 3944 0
- 12 Functional Capacity in Advanced Older Adults. 0
- 11 Exercise suppresses neuroinflammation for alleviating Alzheimer's disease. **2023**, 20, 0

- 10 The Effect of Distance Education on the Physical Activity and Nutrition Levels of Nursing Students: The First Year of the Pandemic Period. ○
- 9 Krebsprävention â Allheilmittel und Anti-Aging-Therapie. **2023**, 191-217 ○
- 8 Selective breeding for physical inactivity produces cognitive deficits via altered hippocampal mitochondrial and synaptic function. 15, ○
- 7 Microglia and Astrocytes Dysfunction and Key Neuroinflammation-Based Biomarkers in Parkinsonâs Disease. **2023**, 13, 634 ○
- 6 Personalized digital behavior interventions increase short term physical activity: a randomized control crossover trial substudy of the MyHeart Counts Cardiovascular Health study. ○
- 5 v. **2023**, ○
- 4 Insights into Non-Exercise Physical Activity on Control of Body Mass: A Review with Practical Recommendations. **2023**, 8, 44 ○
- 3 Central obesity and its associated factors among cancer patients at the University of Gondar Comprehensive Specialized Hospital, Northwest Ethiopia. 13, ○
- 2 Physical Activity as a Determinant of Healthy Aging. **2023**, 159-167 ○
- 1 Home-based exercise alters pulmonary function and cellular stress markers in overweight middle-aged men during covid-19 Home quarantine. **2023**, 15, ○