FÃ¡bio S Lira

List of Publications by Year
in descending order

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Version: 2024-02-01

276	6,321	76326	138484
papers	citations	40 h-index	58 g-index

285	285	285	8959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High altitude exposure impairs sleep patterns, mood, and cognitive functions. Psychophysiology, 2012, 49, 1298-1306.	2.4	141
2	Dietary whey protein lessens several risk factors for metabolic diseases: a review. Lipids in Health and Disease, 2012, 11, 67.	3.0	136
3	Physical training exerts neuroprotective effects in the regulation of neurochemical factors in an animal model of Parkinsonâ€™s disease. Neuroscience, 2012, 227, 305-312.	2.3	109
4	Exercise training changes IL-10/TNF-Î± ratio in the skeletal muscle of post-MI rats. Cytokine, 2010, 49, 102-108.	3.2	107
5	HMB supplementation: clinical and athletic performance-related effects and mechanisms of action. Amino Acids, 2011, 40, 1015-1025.	2.7	106
6	Reverse Cholesterol Transport: Molecular Mechanisms and the Non-medical Approach to Enhance HDL Cholesterol. Frontiers in Physiology, 2018, 9, 526.	2.8	95
7	Moderate exercise training modulates cytokine profile and sleep in elderly people. Cytokine, 2012, 60, 731-735.	3.2	91
8	Endurance training induces depot-specific changes in IL-10/TNF-Î± ratio in rat adipose tissue. Cytokine, 2009, 45, 80-85.	3.2	89
9	Exercise training improves sleep pattern and metabolic profile in elderly people in a time-dependent manner. Lipids in Health and Disease, 2011, 10, 1-6.	3.0	86
10	Endotoxin levels correlate positively with a sedentary lifestyle and negatively with highly trained subjects. Lipids in Health and Disease, 2010, 9, 82.	3.0	85
11	Green Tea Extract Rich in Epigallocatechin-3-Gallate Prevents Fatty Liver by AMPK Activation via LKB1 in Mice Fed a High-Fat Diet. PLoS ONE, 2015, 10, e0141227.	2.5	81
12	Doxorubicin caused severe hyperglycaemia and insulin resistance, mediated by inhibition in AMPk signalling in skeletal muscle. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 615-625.	7.3	79
13	Low and moderate, rather than high intensity strength exercise induces benefit regarding plasma lipid profile. Diabetology and Metabolic Syndrome, 2010, 2, 31.	2.7	77
14	Exhaustive exercise causes an anti-inflammatory effect in skeletal muscle and a pro-inflammatory effect in adipose tissue in rats. European Journal of Applied Physiology, 2009, 106, 697-704.	2.5	76
15	Both adiponectin and interleukin-10 inhibit LPS-induced activation of the NF-ÎºB pathway in 3T3-L1 adipocytes. Cytokine, 2012, 57, 98-106.	3.2	76
16	Short sleep duration and obesity: mechanisms and future perspectives. Cell Biochemistry and Function, 2012, 30, 524-529.	2.9	72
17	Decaffeinated green tea extract rich in epigallocatechin-3-gallate prevents fatty liver disease by increased activities of mitochondrial respiratory chain complexes in diet-induced obesity mice. Journal of Nutritional Biochemistry, 2015, 26, 1348-1356.	4.2	72
18	Î²-Hydroxy-Î²-methylbutyrate (HMÎ²) supplementation stimulates skeletal muscle hypertrophy in rats via the mTOR pathway. Nutrition and Metabolism, 2011, 8, 11.	3.0	70

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19	Green Tea Extract Supplementation Induces the Lipolytic Pathway, Attenuates Obesity, and Reduces Low-Grade Inflammation in Mice Fed a High-Fat Diet. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	70
20	Supplementing alpha-tocopherol (vitamin E) and vitamin D3 in high fat diet decrease IL-6 production in murine epididymal adipose tissue and 3T3-L1 adipocytes following LPS stimulation. Lipids in Health and Disease, 2011, 10, 37.	3.0	69
21	Regulation of inflammation in the adipose tissue in cancer cachexia: effect of exercise. Cell Biochemistry and Function, 2009, 27, 71-75.	2.9	68
22	Chronic exercise decreases cytokine production in healthy rat skeletal muscle. Cell Biochemistry and Function, 2009, 27, 458-461.	2.9	65
23	Exercise training as treatment in cancer cachexia. Applied Physiology, Nutrition and Metabolism, 2014, 39, 679-686.	1.9	64
24	Intake of trans fatty acids during gestation and lactation leads to hypothalamic inflammation via TLR4/NFÎºBp65 signaling in adult offspring. Journal of Nutritional Biochemistry, 2012, 23, 265-271.	4.2	59
25	Yerba mate extract (Ilex paraguariensis) attenuates both central and peripheral inflammatory effects of diet-induced obesity in rats. Journal of Nutritional Biochemistry, 2013, 24, 809-818.	4.2	59
26	Interleukinâ€10 responses from acute exercise in healthy subjects: A systematic review. Journal of Cellular Physiology, 2019, 234, 9956-9965.	4.1	58
27	High-Intensity Intermittent Training Positively Affects Aerobic and Anaerobic Performance in Judo Athletes Independently of Exercise Mode. Frontiers in Physiology, 2016, 7, 268.	2.8	57
28	Macrophage Polarization: Implications on Metabolic Diseases and the Role of Exercise. Critical Reviews in Eukaryotic Gene Expression, 2016, 26, 115-132.	0.9	57
29	Visceral fat decreased by long-term interdisciplinary lifestyle therapy correlated positively with interleukin-6 and tumor necrosis factorâ€"Î± and negatively with adiponectin levels in obese adolescents. Metabolism: Clinical and Experimental, 2011, 60, 359-365.	3.4	56
30	Inflammatory Cytokines and BDNF Response to High-Intensity Intermittent Exercise: Effect the Exercise Volume. Frontiers in Physiology, 2016, 7, 509.	2.8	52
31	Concurrent and aerobic exercise training promote similar benefits in body composition and metabolic profiles in obese adolescents. Lipids in Health and Disease, 2015, 14, 153.	3.0	50
32	Short-Term High- and Moderate-Intensity Training Modifies Inflammatory and Metabolic Factors in Response to Acute Exercise. Frontiers in Physiology, 2017, 8, 856.	2.8	49
33	Inflammation and adipose tissue: effects of progressive load training in rats. Lipids in Health and Disease, 2010, 9, 109.	3.0	48
34	Impact of long-term high-intensity interval and moderate-intensity continuous training on subclinical inflammation in overweight/obese adults. Journal of Exercise Rehabilitation, 2016, 12, 575-580.	1.0	48
35	Effect of endurance training upon lipid metabolism in the liver of cachectic tumourâ€bearing rats. Cell Biochemistry and Function, 2008, 26, 701-708.	2.9	45
36	Combined Training (Aerobic Plus Strength) Potentiates a Reduction in Body Fat but Demonstrates No Difference on the Lipid Profile in Postmenopausal Women When Compared With Aerobic Training With a Similar Training Load. Journal of Strength and Conditioning Research, 2016, 30, 226-234.	2.1	45

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37	Exercise Improves Immune Function, Antidepressive Response, and Sleep Quality in Patients with Chronic Primary Insomnia. BioMed Research International, 2014, 2014, 1-7.	1.9	44
38	White adipose tissue cells and the progression of cachexia: inflammatory pathways. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 193-203.	7.3	44
39	Chronic resistance training decreases MuRF-1 and Atrogin-1 gene expression but does not modify Akt, GSK-3Î² and p70S6K levels in rats. European Journal of Applied Physiology, 2009, 106, 415-423.	2.5	43
40	Exercise Training Decreases Adipose Tissue Inflammation in Cachectic Rats. Hormone and Metabolic Research, 2012, 44, 91-98.	1.5	43
41	Vitamin E supplementation inhibits muscle damage and inflammation after moderate exercise in hypoxia. Journal of Human Nutrition and Dietetics, 2016, 29, 516-522.	2.5	42
42	Exercise training performed simultaneously to a high-fat diet reduces the degree of insulin resistance and improves adipoR1-2/APPL1 protein levels in mice. Lipids in Health and Disease, 2012, 11, 134.	3.0	41
43	The therapeutic potential of exercise to treat cachexia. Current Opinion in Supportive and Palliative Care, 2015, 9, 317-324.	1.3	41
44	Downhill Running Excessive Training Inhibits Hypertrophy in Mice Skeletal Muscles with Different Fiber Type Composition. Journal of Cellular Physiology, 2016, 231, 1045-1056.	4.1	41
45	Effects of low-level laser therapy on performance, inflammatory markers, and muscle damage in young water polo athletes: a double-blind, randomized, placebo-controlled study. Lasers in Medical Science, 2016, 31, 511-521.	2.1	40
46	Sedentary subjects have higher PAI-1 and lipoproteins levels than highly trained athletes. Diabetology and Metabolic Syndrome, 2010, 2, 7.	2.7	39
47	Severity of COPD and its relationship with IL-10. Cytokine, 2018, 106, 95-100.	3.2	39
48	Depot-specific modulation of adipokine levels in rat adipose tissue by diet-induced obesity: The effect of aerobic training and energy restriction. Cytokine, 2010, 52, 168-174.	3.2	38
49	Inflammation in cancer cachexia: To resolve or not to resolve (is that the question?). Clinical Nutrition, 2012, 31, 562-566.	5.0	38
50	Role of metabolic stress for enhancing muscle adaptations: Practical applications. World Journal of Methodology, 2017, 7, 46.	3.5	38
51	Low back pain, obesity, and inflammatory markers: exercise as potential treatment. Journal of Exercise Rehabilitation, 2018, 14, 168-174.	1.0	38
52	Antiâ€inflammatory response to acute exercise is related with intensity and physical fitness. Journal of Cellular Biochemistry, 2019, 120, 5333-5342.	2.6	37
53	Cardiopulmonary, blood metabolite and rating of perceived exertion responses to constant exercises performed at different intensities until exhaustion. British Journal of Sports Medicine, 2011, 45, 1119-1125.	6.7	35
54	Impact of Doxorubicin Treatment on the Physiological Functions of White Adipose Tissue. PLoS ONE, 2016, 11, e0151548.	2.5	35

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55	Intradialytic Resistance Training Improves Functional Capacity and Lean Mass Gain in Individuals on Hemodialysis: A Randomized Pilot Trial. Archives of Physical Medicine and Rehabilitation, 2019, 100, 2151-2158.	0.9	35
56	The role of glucose homeostasis on immune function in response to exercise: The impact of low or higher energetic conditions. Journal of Cellular Physiology, 2020, 235, 3169-3188.	4.1	35
57	Exercise Intensity Modulation of Hepatic Lipid Metabolism. Journal of Nutrition and Metabolism, 2012, 2012, 1-8.	1.8	34
58	The Relationship Between Inflammation, Dyslipidemia and Physical Exercise: From the Epidemiological to Molecular Approach. Current Diabetes Reviews, 2015, 10, 391-396.	1.3	34
59	Hypothalamic inflammation is reversed by endurance training in anorectic-cachectic rats. Nutrition and Metabolism, 2011, 8, 60.	3.0	33
60	Prevalence of and risk factors for obstructive sleep apnea syndrome in Brazilian railroad workers. Sleep Medicine, 2012, 13, 1028-1032.	1.6	33
61	Shortâ€time highâ€intensity exercise increases peripheral BDNF in a physical fitnessâ€dependent way in healthy men. European Journal of Sport Science, 2020, 20, 43-50.	2.7	33
62	Treadmill Training Increases SIRT-1 and PGC-1‹i›Î±‹/i›Protein Levels and AMPK Phosphorylation in Quadriceps of Middle-Aged Rats in an Intensity-Dependent Manner. Mediators of Inflammation, 2014, 2014, 1-11.	3.0	32
63	Similar Anti-Inflammatory Acute Responses from Moderate-Intensity Continuous and High-Intensity Intermittent Exercise. Journal of Sports Science and Medicine, 2015, 14, 849-56.	1.6	32
64	Sleep deprivation affects inflammatory marker expression in adipose tissue. Lipids in Health and Disease, 2010, 9, 125.	3.0	31
65	Gut-central nervous system axis is a target for nutritional therapies. Nutrition Journal, 2012, 11, 22.	3.4	31
66	Nutrients, immune system, and exercise: Where will it take us?. Nutrition, 2019, 61, 151-156.	2.4	31
67	Effect of exercise intensity and mode on acute appetite control in men and women. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1083-1091.	1.9	30
68	Treadmill Slope Modulates Inflammation, Fiber Type Composition, Androgen, and Glucocorticoid Receptors in the Skeletal Muscle of Overtrained Mice. Frontiers in Immunology, 2017, 8, 1378.	4.8	30
69	Chronic low frequency/low volume resistance training reduces pro-inflammatory cytokine protein levels and TLR4 mRNA in rat skeletal muscle. European Journal of Applied Physiology, 2010, 109, 1095-1102.	2.5	29
70	Importance of exercise immunology in health promotion. Amino Acids, 2011, 41, 1165-1172.	2.7	29
71	Low-Grade Inflammation and Spinal Cord Injury: Exercise as Therapy?. Mediators of Inflammation, 2013, 2013, 1-7.	3.0	29
72	Acute Capsaicin Supplementation Improves Resistance Training Performance in Trained Men. Journal of Strength and Conditioning Research, 2018, 32, 2227-2232.	2.1	29

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73	High- or moderate-intensity training promotes change in cardiorespiratory fitness, but not visceral fat, in obese men: A randomised trial of equal energy expenditure exercise. Respiratory Physiology and Neurobiology, 2019, 266, 150-155.	1.6	29
74	The Effects of Concurrent Training Combining Both Resistance Exercise and High-Intensity Interval Training or Moderate-Intensity Continuous Training on Metabolic Syndrome. Frontiers in Physiology, 2020, 11, 572.	2.8	29
75	Possible Underestimation by Sports Medicine of the Effects of Early Physical Exercise Practice on the Prevention of Diseases in Adulthood. Current Diabetes Reviews, 2015, 11, 201-205.	1.3	29
76	Acute high-intensity exercise with low energy expenditure reduced LDL-c and total cholesterol in men. European Journal of Applied Physiology, 2009, 107, 203-210.	2.5	28
77	Corrective effects of acerola (Malpighia emarginata DC.) juice intake on biochemical and genotoxical parameters in mice fed on a high-fat diet. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 770, 144-152.	1.0	28
78	Decaffeinated green tea extract rich in epigallocatechin-3-gallate improves insulin resistance and metabolic profiles in normolipidic dietâ€"but not high-fat diet-fed mice. Journal of Nutritional Biochemistry, 2015, 26, 893-902.	4.2	28
79	Acute increases in brain-derived neurotrophic factor following high or moderate-intensity exercise is accompanied with better cognition performance in obese adults. Scientific Reports, 2020, 10, 13493.	3.3	28
80	Acute exercise induce endothelial nitric oxide synthase phosphorylation via Akt and AMP-activated protein kinase in aorta of rats: Role of reactive oxygen species. International Journal of Cardiology, 2013, 167, 2983-2988.	1.7	27
81	Linear and undulating periodized strength plus aerobic training promote similar benefits and lead to improvement of insulin resistance on obese adolescents. Journal of Diabetes and Its Complications, 2015, 29, 258-264.	2.3	27
82	Lipases and lipid droplet-associated protein expression in subcutaneous white adipose tissue of cachectic patients with cancer. Lipids in Health and Disease, 2017, 16, 159.	3.0	27
83	High-fat diets rich in soy or fish oil distinctly alter hypothalamic insulin signaling in rats. Journal of Nutritional Biochemistry, 2012, 23, 822-828.	4.2	26
84	Association Between Aerobic Exercise and Rosiglitazone Avoided the NAFLD and Liver Inflammation Exacerbated in PPARâ€Î± Knockout Mice. Journal of Cellular Physiology, 2017, 232, 1008-1019.	4.1	26
85	Regulation of Metabolic Disease-Associated Inflammation by Nutrient Sensors. Mediators of Inflammation, 2018, 2018, 1-18.	3.0	26
86	COVID-19 Outcome Relates With Circulating BDNF, According to Patient Adiposity and Age. Frontiers in Nutrition, 2021, 8, 784429.	3.7	26
87	Low carbohydrate diet affects the oxygen uptake onâ€kinetics and rating of perceived exertion in high intensity exercise. Psychophysiology, 2011, 48, 277-284.	2.4	25
88	Carbohydrate and glutamine supplementation modulates the Th1/Th2 balance after exercise performed at a simulated altitude of 4500Âm. Nutrition, 2014, 30, 1331-1336.	2.4	25
89	Sleep quality and duration are associated with performance in maximal incremental test. Physiology and Behavior, 2017, 177, 252-256.	2.1	25
90	Strategies for reducing body fat mass: effects of liposuction and exercise on cardiovascular risk factors and adiposity. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2011, 4, 141.	2.4	24

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91	Long-term interdisciplinary therapy reduces endotoxin level and insulin resistance in obese adolescents. Nutrition Journal, 2012, 11, 74.	3.4	24
92	Sleep duration in elderly obese patients correlated negatively with intake fatty. Lipids in Health and Disease, 2012, 11, 99.	3.0	24
93	Resveratrol and fish oil reduce catecholamine-induced mortality in obese rats: role of oxidative stress in the myocardium and aorta. British Journal of Nutrition, 2013, 110, 1580-1590.	2.3	24
94	Acerola (Malpighia emarginata DC.) juice intake protects against alterations to proteins involved in inflammatory and lipolysis pathways in the adipose tissue of obese mice fed a cafeteria diet. Lipids in Health and Disease, 2014, 13, 24.	3.0	24
95	Aerobic Exercise Modulates the Free Fatty Acids and Inflammatory Response During Obesity and Cancer Cachexia. Critical Reviews in Eukaryotic Gene Expression, 2016, 26, 187-198.	0.9	24
96	Inflammatory Mechanisms Associated with Skeletal Muscle Sequelae after Stroke: Role of Physical Exercise. Mediators of Inflammation, 2016, 2016, 1-19.	3.0	24
97	Monitoring internal training load and salivary immuneendocrine responses during an annual judo training periodization. Journal of Exercise Rehabilitation, 2017, 13, 68-75.	1.0	24
98	Acute Capsaicin Supplementation Improves 1,500-m Running Time-Trial Performance and Rate of Perceived Exertion in Physically Active Adults. Journal of Strength and Conditioning Research, 2018, 32, 572-577.	2.1	24
99	Photobiomodulation by Led Does Not Alter Muscle Recovery Indicators and Presents Similar Outcomes to Cold-Water Immersion and Active Recovery. Frontiers in Physiology, 2019, 9, 1948.	2.8	24
100	Immunometabolic responses according to physical fitness status and lifelong exercise during aging: New roads for exercise immunology. Ageing Research Reviews, 2021, 68, 101341.	10.9	24
101	Exhaustive exercise increases inflammatory response via toll like receptorâ€4 and NFâ€ºBp65 pathway in rat adipose tissue. Journal of Cellular Physiology, 2011, 226, 1604-1607.	4.1	23
102	High-Fat Fish Oil Diet Prevents Hypothalamic Inflammatory Profile in Rats. ISRN Inflammation, 2013, 2013, 1-7.	4.9	23
103	Nonfunctional Overreaching Leads to Inflammation and Myostatin Upregulation in Swiss Mice. International Journal of Sports Medicine, 2014, 35, 139-146.	1.7	23
104	Effects of Physical Exercise on the P38MAPK/REDD1/14-3-3 Pathways in the Myocardium of Diet-Induced Obesity Rats. Hormone and Metabolic Research, 2014, 46, 621-627.	1.5	23
105	Impact of Short and Moderate Rest Intervals on the Acute Immunometabolic Response to Exhaustive Strength Exercise. Journal of Strength and Conditioning Research, 2016, 30, 1563-1569.	2.1	23
106	The beneficial effects of aerobic and concurrent training on metabolic profile and body composition after detraining: a 1-year follow-up in postmenopausal women. European Journal of Clinical Nutrition, 2017, 71, 638-645.	2.9	23
107	Inflammatory and Metabolic Responses to Different Resistance Training on Chronic Obstructive Pulmonary Disease: A Randomized Control Trial. Frontiers in Physiology, 2018, 9, 262.	2.8	23
108	Differences in metabolic and inflammatory responses in lower and upper body high-intensity intermittent exercise. European Journal of Applied Physiology, 2015, 115, 1467-1474.	2.5	22

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109	Cardioprotective Properties of Aerobic and Resistance Training Against Myocardial Infarction. International Journal of Sports Medicine, 2016, 37, 421-430.	1.7	22
110	The Role of Inflammation and Immune Cells in Blood Flow Restriction Training Adaptation: A Review. Frontiers in Physiology, 2018, 9, 1376.	2.8	22
111	Is Oxygen Uptake Measurement Enough to Estimate Energy Expenditure During High-Intensity Intermittent Exercise? Quantification of Anaerobic Contribution by Different Methods. Frontiers in Physiology, 2018, 9, 868.	2.8	22
112	A Short-Term High-Fat Diet Alters Glutathione Levels and IL-6 Gene Expression in Oxidative Skeletal Muscles of Young Rats. Frontiers in Physiology, 2019, 10, 372.	2.8	22
113	Capsaicin supplementation increases time to exhaustion in high-intensity intermittent exercise without modifying metabolic responses in physically active men. European Journal of Applied Physiology, 2019, 119, 971-979.	2.5	22
114	Dose and Latency Effects of Leucine Supplementation in Modulating Glucose Homeostasis: Opposite Effects in Healthy and Glucocorticoid-Induced Insulin-Resistance States. Nutrients, 2012, 4, 1851-1867.	4.1	21
115	Influence of skeletal muscle mass and fat mass on the metabolic and inflammatory profile in sarcopenic and non-sarcopenic overfat elderly. Aging Clinical and Experimental Research, 2019, 31, 629-635.	2.9	21
116	Exercise Training Reduces PGE₂Levels and Induces Recovery from Steatosis in Tumor-bearing Rats. Hormone and Metabolic Research, 2010, 42, 944-949.	1.5	20
117	Obesity, diabetes and OSAS induce of sleep disorders: Exercise as therapy. Lipids in Health and Disease, 2011, 10, 148.	3.0	20
118	Effect of Physical Training on the Adipose Tissue of Diet-induced Obesity Mice: Interaction Between Reactive Oxygen Species and Lipolysis. Hormone and Metabolic Research, 2013, 45, 190-196.	1.5	20
119	Role of Training and Detraining on Inflammatory and Metabolic Profile in Infarcted Rats: Influences of Cardiovascular Autonomic Nervous System. Mediators of Inflammation, 2014, 2014, 1-13.	3.0	20
120	Immunometabolic Responses to Concurrent Training: The Effects of Exercise Order in Recreational Weightlifters. Journal of Strength and Conditioning Research, 2016, 30, 1960-1967.	2.1	20
121	Liver lipid metabolism disruption in cancer cachexia is aggravated by cla supplementation -induced inflammation. Clinical Nutrition, 2019, 38, 2219-2230.	5.0	20
122	Physical fitness status modulates the inflammatory proteins in peripheral blood and circulating monocytes: role of PPAR-gamma. Scientific Reports, 2020, 10, 14094.	3.3	20
123	Arterial Thickness and Immunometabolism: The Mediating role of Chronic Exercise. Current Cardiology Reviews, 2016, 12, 47-51.	1.5	20
124	Can High Altitude Influence Cytokines and Sleep?. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	19
125	Regular Physical Activity and Vascular Aging. Current Pharmaceutical Design, 2016, 22, 3715-3729.	1.9	19
126	Viral load is associated with mitochondrial dysfunction and altered monocyte phenotype in acute severe SARS-CoV-2 infection. International Immunopharmacology, 2022, 108, 108697.	3.8	19

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127	Impact to short-term high intensity intermittent training on different storages of body fat, leptin and soluble leptin receptor levels in physically active non-obese men: A pilot investigation. Clinical Nutrition ESPEN, 2018, 28, 186-192.	1.2	18
128	Comparison Between Full-Body vs. Split-Body Resistance Exercise on the Brain-Derived Neurotrophic Factor and Immunometabolic Response. Journal of Strength and Conditioning Research, 2020, 34, 3094-3102.	2.1	17
129	Effects of high-intensity intermittent training on carnitine palmitoyl transferase activity in the gastrocnemius muscle of rats. Brazilian Journal of Medical and Biological Research, 2012, 45, 777-783.	1.5	16
130	Role of Exercise Training on Autonomic Changes and Inflammatory Profile Induced by Myocardial Infarction. Mediators of Inflammation, 2014, 2014, 1-11.	3.0	16
131	Impact of physical exercise/activity on vascular structure and inflammation in pediatric populations: A literature review. Journal for Specialists in Pediatric Nursing, 2016, 21, 99-108.	1.1	16
132	Modulation of inflammatory response arising from high-intensity intermittent and concurrent strength training in physically active males. Cytokine, 2017, 91, 104-109.	3.2	16
133	Exercise-induced AMPK activation and IL-6 muscle production are disturbed in adiponectin knockout mice. Cytokine, 2019, 119, 71-80.	3.2	16
134	Exercise rescues the immune response fineâ€tuned impaired by peroxisome proliferatorâ€activated receptors Î³ deletion in macrophages. Journal of Cellular Physiology, 2019, 234, 5241-5251.	4.1	16
135	Probiotic supplementation in marathonists and its impact on lymphocyte population and function after a marathon: a randomized placebo-controlled double-blind study. Scientific Reports, 2020, 10, 18777.	3.3	16
136	Exercise as a Peripheral Circadian Clock Resynchronizer in Vascular and Skeletal Muscle Aging. International Journal of Environmental Research and Public Health, 2021, 18, 12949.	2.6	16
137	Moderate acute exercise (70% <scp>VO</scp>₂ peak) induces <scp>TGF</scp>â€Î², Î±â€amylase and <scp>IgA</scp> in saliva during recovery. Oral Diseases, 2014, 20, 186-190.	3.0	15
138	Impact of Short and Moderate Rest Intervals on the Acute Immunometabolic Response to Exhaustive Strength Exercise. Journal of Strength and Conditioning Research, 2016, 30, 1570-1576.	2.1	15
139	Effects of resistance training and estrogen replacement on adipose tissue inflammation in ovariectomized rats. Applied Physiology, Nutrition and Metabolism, 2017, 42, 605-612.	1.9	15
140	Altered Feeding Behaviors and Adiposity Precede Observable Weight Gain in Young Rats Submitted to a Short-Term High-Fat Diet. Journal of Nutrition and Metabolism, 2018, 2018, 1-10.	1.8	15
141	A Single Dose of Oral ATP Supplementation Improves Performance and Physiological Response During Lower Body Resistance Exercise in Recreational Resistance-Trained Males. Journal of Strength and Conditioning Research, 2019, 33, 3345-3352.	2.1	15
142	Exercise intensity and physical fitness modulate lipoproteins profile during acute aerobic exercise session. Scientific Reports, 2020, 10, 4160.	3.3	15
143	Peripheral BDNF and psycho-behavioral aspects are positively modulated by high-intensity intermittent exercise and fitness in healthy women. Scientific Reports, 2021, 11, 4113.	3.3	15
144	Role of Body Mass and Physical Activity in Autonomic Function Modulation on Post-COVID-19 Condition: An Observational Subanalysis of Fit-COVID Study. International Journal of Environmental Research and Public Health, 2022, 19, 2457.	2.6	15

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145	Metabolic profile response to administration of epigallocatechin-3-gallate in high-fat-fed mice. Diabetology and Metabolic Syndrome, 2014, 6, 84.	2.7	14
146	Acute physical exercise under hypoxia improves sleep, mood and reaction time. Physiology and Behavior, 2016, 154, 90-99.	2.1	14
147	Effect of an acute moderateâ€exercise session on metabolic and inflammatory profile of PPARâ€Î± knockout mice. Cell Biochemistry and Function, 2017, 35, 510-517.	2.9	14
148	Aging with rhythmicity. Is it possible? Physical exercise as a pacemaker. Life Sciences, 2020, 261, 118453.	4.3	14
149	The Mediating Role of Physical Inactivity on the Relationship between Inflammation and Artery Thickness in PrepubertalÂAdolescents. Journal of Pediatrics, 2015, 166, 924-929.	1.8	13
150	Impact of High-intensity Intermittent and Moderate-intensity Continuous Exercise on Autonomic Modulation in Young Men. International Journal of Sports Medicine, 2016, 37, 431-435.	1.7	13
151	White adipose tissue IFN-Î³ expression and signalling along the progression of rodent cancer cachexia. Cytokine, 2017, 89, 122-126.	3.2	13
152	Capsaicinoid and Capsinoids as an Ergogenic Aid: A Systematic Review and the Potential Mechanisms Involved. International Journal of Sports Physiology and Performance, 2021, 16, 464-473.	2.3	13
153	Experimental chronic lowâ€frequency resistance training produces skeletal muscle hypertrophy in the absence of muscle damage and metabolic stress markers. Cell Biochemistry and Function, 2010, 28, 232-238.	2.9	12
154	Conjugated Linoleic Acid: good or bad nutrient. Diabetology and Metabolic Syndrome, 2010, 2, 62.	2.7	12
155	Reversion of Steatosis by SREBP-1c Antisense Oligonucleotide did not Improve Hepatic Insulin Action in Diet-induced Obesity Mice. Hormone and Metabolic Research, 2012, 44, 885-890.	1.5	12
156	Beta-Alanine Supplementation Improved 10-km Running Time Trial in Physically Active Adults. Frontiers in Physiology, 2018, 9, 1105.	2.8	12
157	High- and moderate-intensity training modify LPS-induced ex-vivo interleukin-10 production in obese men in response to an acute exercise bout. Cytokine, 2020, 136, 155249.	3.2	12
158	Acute exhaustive exercise regulates IL-2, IL-4 and MyoD in skeletal muscle but not adipose tissue in rats. Lipids in Health and Disease, 2011, 10, 97.	3.0	11
159	Sport-based physical activity recommendations and modifications in C-reactive protein and arterial thickness. European Journal of Pediatrics, 2018, 177, 551-558.	2.7	11
160	Acute Capsaicin Supplementation Improved Resistance Exercise Performance Performed After a High-Intensity Intermittent Running in Resistance-Trained Men. Journal of Strength and Conditioning Research, 2019, Publish Ahead of Print, .	2.1	11
161	Full Body Photobiomodulation Therapy to Induce Faster Muscle Recovery in Water Polo Athletes: Preliminary Results. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 766-772.	1.4	11
162	Effects of turmeric extract supplementation on inflammation and muscle damage after a half-marathon race: a randomized, double-blind, placebo-controlled trial. European Journal of Applied Physiology, 2020, 120, 1531-1540.	2.5	11

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163	Postactivation Potentiation Improves Acute Resistance Exercise Performance and Muscular Force in Trained Men. Journal of Strength and Conditioning Research, 2021, 35, 1357-1363.	2.1	11
164	Caffeine supplementation affects the immunometabolic response to concurrent training. Journal of Exercise Rehabilitation, 2017, 13, 179-184.	1.0	11
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