

Fãbio S Lira

List of Publications by Year in descending order

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Version: 2024-02-01

276
papers

6,321
citations

76322

40
h-index

138468

58
g-index

285
all docs

285
docs citations

285
times ranked

8959
citing authors

#	ARTICLE	IF	CITATIONS
1	High altitude exposure impairs sleep patterns, mood, and cognitive functions. <i>Psychophysiology</i> , 2012, 49, 1298-1306.	2.4	141
2	Dietary whey protein lessens several risk factors for metabolic diseases: a review. <i>Lipids in Health and Disease</i> , 2012, 11, 67.	3.0	136
3	Physical training exerts neuroprotective effects in the regulation of neurochemical factors in an animal model of Parkinson's disease. <i>Neuroscience</i> , 2012, 227, 305-312.	2.3	109
4	Exercise training changes IL-10/TNF- α ratio in the skeletal muscle of post-MI rats. <i>Cytokine</i> , 2010, 49, 102-108.	3.2	107
5	HMB supplementation: clinical and athletic performance-related effects and mechanisms of action. <i>Amino Acids</i> , 2011, 40, 1015-1025.	2.7	106
6	Reverse Cholesterol Transport: Molecular Mechanisms and the Non-medical Approach to Enhance HDL Cholesterol. <i>Frontiers in Physiology</i> , 2018, 9, 526.	2.8	95
7	Moderate exercise training modulates cytokine profile and sleep in elderly people. <i>Cytokine</i> , 2012, 60, 731-735.	3.2	91
8	Endurance training induces depot-specific changes in IL-10/TNF- α ratio in rat adipose tissue. <i>Cytokine</i> , 2009, 45, 80-85.	3.2	89
9	Exercise training improves sleep pattern and metabolic profile in elderly people in a time-dependent manner. <i>Lipids in Health and Disease</i> , 2011, 10, 1-6.	3.0	86
10	Endotoxin levels correlate positively with a sedentary lifestyle and negatively with highly trained subjects. <i>Lipids in Health and Disease</i> , 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. <i>PLoS ONE</i> , 2015, 10, e0141227.	2.5	81
12	Doxorubicin caused severe hyperglycaemia and insulin resistance, mediated by inhibition in AMPK signalling in skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 615-625.	7.3	79
13	Low and moderate, rather than high intensity strength exercise induces benefit regarding plasma lipid profile. <i>Diabetology and Metabolic Syndrome</i> , 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. <i>European Journal of Applied Physiology</i> , 2009, 106, 697-704.	2.5	76
15	Both adiponectin and interleukin-10 inhibit LPS-induced activation of the NF- κ B pathway in 3T3-L1 adipocytes. <i>Cytokine</i> , 2012, 57, 98-106.	3.2	76
16	Short sleep duration and obesity: mechanisms and future perspectives. <i>Cell Biochemistry and Function</i> , 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. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1348-1356.	4.2	72
18	β -Hydroxy- β -methylbutyrate (HMB) supplementation stimulates skeletal muscle hypertrophy in rats via the mTOR pathway. <i>Nutrition and Metabolism</i> , 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. <i>Mediators of Inflammation</i> , 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. <i>Lipids in Health and Disease</i> , 2011, 10, 37.	3.0	69
21	Regulation of inflammation in the adipose tissue in cancer cachexia: effect of exercise. <i>Cell Biochemistry and Function</i> , 2009, 27, 71-75.	2.9	68
22	Chronic exercise decreases cytokine production in healthy rat skeletal muscle. <i>Cell Biochemistry and Function</i> , 2009, 27, 458-461.	2.9	65
23	Exercise training as treatment in cancer cachexia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 679-686.	1.9	64
24	Intake of trans fatty acids during gestation and lactation leads to hypothalamic inflammation via TLR4/NF- κ B signaling in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 265-271.	4.2	59
25	Yerba mate extract (<i>Ilex paraguariensis</i>) attenuates both central and peripheral inflammatory effects of diet-induced obesity in rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 809-818.	4.2	59
26	Interleukin-10 responses from acute exercise in healthy subjects: A systematic review. <i>Journal of Cellular Physiology</i> , 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. <i>Frontiers in Physiology</i> , 2016, 7, 268.	2.8	57
28	Macrophage Polarization: Implications on Metabolic Diseases and the Role of Exercise. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 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 factor- α and negatively with adiponectin levels in obese adolescents. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 359-365.	3.4	56
30	Inflammatory Cytokines and BDNF Response to High-Intensity Intermittent Exercise: Effect the Exercise Volume. <i>Frontiers in Physiology</i> , 2016, 7, 509.	2.8	52
31	Concurrent and aerobic exercise training promote similar benefits in body composition and metabolic profiles in obese adolescents. <i>Lipids in Health and Disease</i> , 2015, 14, 153.	3.0	50
32	Short-Term High- and Moderate-Intensity Training Modifies Inflammatory and Metabolic Factors in Response to Acute Exercise. <i>Frontiers in Physiology</i> , 2017, 8, 856.	2.8	49
33	Inflammation and adipose tissue: effects of progressive load training in rats. <i>Lipids in Health and Disease</i> , 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. <i>Journal of Exercise Rehabilitation</i> , 2016, 12, 575-580.	1.0	48
35	Effect of endurance training upon lipid metabolism in the liver of cachectic tumour-bearing rats. <i>Cell Biochemistry and Function</i> , 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. <i>Journal of Strength and Conditioning Research</i> , 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. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	44
38	White adipose tissue cells and the progression of cachexia: inflammatory pathways. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 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-3 β and p70S6K levels in rats. <i>European Journal of Applied Physiology</i> , 2009, 106, 415-423.	2.5	43
40	Exercise Training Decreases Adipose Tissue Inflammation in Cachectic Rats. <i>Hormone and Metabolic Research</i> , 2012, 44, 91-98.	1.5	43
41	Vitamin E supplementation inhibits muscle damage and inflammation after moderate exercise in hypoxia. <i>Journal of Human Nutrition and Dietetics</i> , 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 adiponectin/APPL1 protein levels in mice. <i>Lipids in Health and Disease</i> , 2012, 11, 134.	3.0	41
43	The therapeutic potential of exercise to treat cachexia. <i>Current Opinion in Supportive and Palliative Care</i> , 2015, 9, 317-324.	1.3	41
44	Downhill Running Excessive Training Inhibits Hypertrophy in Mice Skeletal Muscles with Different Fiber Type Composition. <i>Journal of Cellular Physiology</i> , 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. <i>Lasers in Medical Science</i> , 2016, 31, 511-521.	2.1	40
46	Sedentary subjects have higher PAI-1 and lipoproteins levels than highly trained athletes. <i>Diabetology and Metabolic Syndrome</i> , 2010, 2, 7.	2.7	39
47	Severity of COPD and its relationship with IL-10. <i>Cytokine</i> , 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. <i>Cytokine</i> , 2010, 52, 168-174.	3.2	38
49	Inflammation in cancer cachexia: To resolve or not to resolve (is that the question?). <i>Clinical Nutrition</i> , 2012, 31, 562-566.	5.0	38
50	Role of metabolic stress for enhancing muscle adaptations: Practical applications. <i>World Journal of Methodology</i> , 2017, 7, 46.	3.5	38
51	Low back pain, obesity, and inflammatory markers: exercise as potential treatment. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 168-174.	1.0	38
52	Anti-inflammatory response to acute exercise is related with intensity and physical fitness. <i>Journal of Cellular Biochemistry</i> , 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. <i>British Journal of Sports Medicine</i> , 2011, 45, 1119-1125.	6.7	35
54	Impact of Doxorubicin Treatment on the Physiological Functions of White Adipose Tissue. <i>PLoS ONE</i> , 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	Short-time high-intensity exercise increases peripheral BDNF in a physical fitness-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 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. <i>Respiratory Physiology and Neurobiology</i> , 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. <i>Frontiers in Physiology</i> , 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. <i>Current Diabetes Reviews</i> , 2015, 11, 201-205.	1.3	29
76	Acute high-intensity exercise with low energy expenditure reduced LDL-c and total cholesterol in men. <i>European Journal of Applied Physiology</i> , 2009, 107, 203-210.	2.5	28
77	Corrective effects of acerola (<i>Malpighia emarginata</i> DC.) juice intake on biochemical and genotoxicological parameters in mice fed on a high-fat diet. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 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 diet-fed but not high-fat diet-fed mice. <i>Journal of Nutritional Biochemistry</i> , 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. <i>Scientific Reports</i> , 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. <i>International Journal of Cardiology</i> , 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. <i>Journal of Diabetes and Its Complications</i> , 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. <i>Lipids in Health and Disease</i> , 2017, 16, 159.	3.0	27
83	High-fat diets rich in soy or fish oil distinctly alter hypothalamic insulin signaling in rats. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 822-828.	4.2	26
84	Association Between Aerobic Exercise and Rosiglitazone Avoided the NAFLD and Liver Inflammation Exacerbated in PPAR α Knockout Mice. <i>Journal of Cellular Physiology</i> , 2017, 232, 1008-1019.	4.1	26
85	Regulation of Metabolic Disease-Associated Inflammation by Nutrient Sensors. <i>Mediators of Inflammation</i> , 2018, 2018, 1-18.	3.0	26
86	COVID-19 Outcome Relates With Circulating BDNF, According to Patient Adiposity and Age. <i>Frontiers in Nutrition</i> , 2021, 8, 784429.	3.7	26
87	Low carbohydrate diet affects the oxygen uptake kinetics and rating of perceived exertion in high intensity exercise. <i>Psychophysiology</i> , 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 4500Am. <i>Nutrition</i> , 2014, 30, 1331-1336.	2.4	25
89	Sleep quality and duration are associated with performance in maximal incremental test. <i>Physiology and Behavior</i> , 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. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2011, 4, 141.	2.4	24

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91	Long-term interdisciplinary therapy reduces endotoxin level and insulin resistance in obese adolescents. <i>Nutrition Journal</i> , 2012, 11, 74.	3.4	24
92	Sleep duration in elderly obese patients correlated negatively with intake fatty. <i>Lipids in Health and Disease</i> , 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. <i>British Journal of Nutrition</i> , 2013, 110, 1580-1590.	2.3	24
94	Acerola (<i>Malpighia emarginata</i> 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. <i>Lipids in Health and Disease</i> , 2014, 13, 24.	3.0	24
95	Aerobic Exercise Modulates the Free Fatty Acids and Inflammatory Response During Obesity and Cancer Cachexia. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2016, 26, 187-198.	0.9	24
96	Inflammatory Mechanisms Associated with Skeletal Muscle Sequelae after Stroke: Role of Physical Exercise. <i>Mediators of Inflammation</i> , 2016, 2016, 1-19.	3.0	24
97	Monitoring internal training load and salivary immuneendocrine responses during an annual judo training periodization. <i>Journal of Exercise Rehabilitation</i> , 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. <i>Journal of Strength and Conditioning Research</i> , 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. <i>Frontiers in Physiology</i> , 2019, 9, 1948.	2.8	24
100	Immunometabolic responses according to physical fitness status and lifelong exercise during aging: New roads for exercise immunology. <i>Ageing Research Reviews</i> , 2021, 68, 101341.	10.9	24
101	Exhaustive exercise increases inflammatory response via toll like receptorâ€4 and NFâ€™Bp65 pathway in rat adipose tissue. <i>Journal of Cellular Physiology</i> , 2011, 226, 1604-1607.	4.1	23
102	High-Fat Fish Oil Diet Prevents Hypothalamic Inflammatory Profile in Rats. <i>ISRN Inflammation</i> , 2013, 2013, 1-7.	4.9	23
103	Nonfunctional Overreaching Leads to Inflammation and Myostatin Upregulation in Swiss Mice. <i>International Journal of Sports Medicine</i> , 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. <i>Hormone and Metabolic Research</i> , 2014, 46, 621-627.	1.5	23
105	Impact of Short and Moderate Rest Intervals on the Acute Immunometabolic Response to Exhaustive Strength Exercise. <i>Journal of Strength and Conditioning Research</i> , 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. <i>European Journal of Clinical Nutrition</i> , 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. <i>Frontiers in Physiology</i> , 2018, 9, 262.	2.8	23
108	Differences in metabolic and inflammatory responses in lower and upper body high-intensity intermittent exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 1467-1474.	2.5	22

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109	Cardioprotective Properties of Aerobic and Resistance Training Against Myocardial Infarction. <i>International Journal of Sports Medicine</i> , 2016, 37, 421-430.	1.7	22
110	The Role of Inflammation and Immune Cells in Blood Flow Restriction Training Adaptation: A Review. <i>Frontiers in Physiology</i> , 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. <i>Frontiers in Physiology</i> , 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. <i>Frontiers in Physiology</i> , 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. <i>European Journal of Applied Physiology</i> , 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. <i>Nutrients</i> , 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. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 629-635.	2.9	21
116	Exercise Training Reduces PGE ₂ Levels and Induces Recovery from Steatosis in Tumor-bearing Rats. <i>Hormone and Metabolic Research</i> , 2010, 42, 944-949.	1.5	20
117	Obesity, diabetes and OSAS induce of sleep disorders: Exercise as therapy. <i>Lipids in Health and Disease</i> , 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. <i>Hormone and Metabolic Research</i> , 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. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	20
120	Immunometabolic Responses to Concurrent Training: The Effects of Exercise Order in Recreational Weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1960-1967.	2.1	20
121	Liver lipid metabolism disruption in cancer cachexia is aggravated by cla supplementation -induced inflammation. <i>Clinical Nutrition</i> , 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. <i>Scientific Reports</i> , 2020, 10, 14094.	3.3	20
123	Arterial Thickness and Immunometabolism: The Mediating role of Chronic Exercise. <i>Current Cardiology Reviews</i> , 2016, 12, 47-51.	1.5	20
124	Can High Altitude Influence Cytokines and Sleep?. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	3.0	19
125	Regular Physical Activity and Vascular Aging. <i>Current Pharmaceutical Design</i> , 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. <i>International Immunopharmacology</i> , 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. <i>Clinical Nutrition ESPEN</i> , 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. <i>Journal of Strength and Conditioning Research</i> , 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. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 777-783.	1.5	16
130	Role of Exercise Training on Autonomic Changes and Inflammatory Profile Induced by Myocardial Infarction. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	3.0	16
131	Impact of physical exercise/activity on vascular structure and inflammation in pediatric populations: A literature review. <i>Journal for Specialists in Pediatric Nursing</i> , 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. <i>Cytokine</i> , 2017, 91, 104-109.	3.2	16
133	Exercise-induced AMPK activation and IL-6 muscle production are disturbed in adiponectin knockout mice. <i>Cytokine</i> , 2019, 119, 71-80.	3.2	16
134	Exercise rescues the immune response finely-tuned impaired by peroxisome proliferator-activated receptors β deletion in macrophages. <i>Journal of Cellular Physiology</i> , 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. <i>Scientific Reports</i> , 2020, 10, 18777.	3.3	16
136	Exercise as a Peripheral Circadian Clock Resynchronizer in Vascular and Skeletal Muscle Aging. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12949.	2.6	16
137	Moderate acute exercise (70% $\dot{V}O_{2\max}$ peak) induces $\text{TGF}\beta_2$, $\text{I}\beta$ and $\text{I}\alpha$ in saliva during recovery. <i>Oral Diseases</i> , 2014, 20, 186-190.	3.0	15
138	Impact of Short and Moderate Rest Intervals on the Acute Immunometabolic Response to Exhaustive Strength Exercise. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1570-1576.	2.1	15
139	Effects of resistance training and estrogen replacement on adipose tissue inflammation in ovariectomized rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 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. <i>Journal of Nutrition and Metabolism</i> , 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. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3345-3352.	2.1	15
142	Exercise intensity and physical fitness modulate lipoproteins profile during acute aerobic exercise session. <i>Scientific Reports</i> , 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. <i>Scientific Reports</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 84.	2.7	14
146	Acute physical exercise under hypoxia improves sleep, mood and reaction time. <i>Physiology and Behavior</i> , 2016, 154, 90-99.	2.1	14
147	Effect of an acute moderate exercise session on metabolic and inflammatory profile of PPAR α knockout mice. <i>Cell Biochemistry and Function</i> , 2017, 35, 510-517.	2.9	14
148	Aging with rhythmicity. Is it possible? Physical exercise as a pacemaker. <i>Life Sciences</i> , 2020, 261, 118453.	4.3	14
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