

Bente Klarlund Pedersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/721849/publications.pdf>

Version: 2024-02-01

577
papers

70,072
citations

588

125
h-index

911

241
g-index

641
all docs

641
docs citations

641
times ranked

55327
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiota in Human Adults with Type 2 Diabetes Differs from Non-Diabetic Adults. PLoS ONE, 2010, 5, e9085.	1.1	2,309
2	The anti-inflammatory effect of exercise. Journal of Applied Physiology, 2005, 98, 1154-1162.	1.2	2,278
3	Exercise as medicine – evidence for prescribing exercise as therapy in 26 different chronic diseases. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 1-72.	1.3	2,111
4	Muscles, exercise and obesity: skeletal muscle as a secretory organ. Nature Reviews Endocrinology, 2012, 8, 457-465.	4.3	1,972
5	IL-6 mediates hypoferrremia of inflammation by inducing the synthesis of the iron regulatory hormone hepcidin. Journal of Clinical Investigation, 2004, 113, 1271-1276.	3.9	1,809
6	Muscle as an Endocrine Organ: Focus on Muscle-Derived Interleukin-6. Physiological Reviews, 2008, 88, 1379-1406.	13.1	1,683
7	Exercise and the Immune System: Regulation, Integration, and Adaptation. Physiological Reviews, 2000, 80, 1055-1081.	13.1	1,233
8	Evidence for prescribing exercise as therapy in chronic disease. Scandinavian Journal of Medicine and Science in Sports, 2006, 16, 3-63.	1.3	1,003
9	Position statement. Part one: Immune function and exercise. Exercise Immunology Review, 2011, 17, 6-63.	0.4	876
10	IL-6 enhances plasma IL-1ra, IL-10, and cortisol in humans. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E433-E437.	1.8	837
11	Production of interleukin-6 in contracting human skeletal muscles can account for the exercise-induced increase in plasma interleukin-6. Journal of Physiology, 2000, 529, 237-242.	1.3	777
12	Pro- and anti-inflammatory cytokine balance in strenuous exercise in humans. Journal of Physiology, 1999, 515, 287-291.	1.3	767
13	Muscle-derived interleukin-6: mechanisms for activation and possible biological roles. FASEB Journal, 2002, 16, 1335-1347.	0.2	717
14	Evidence for a release of brain-derived neurotrophic factor from the brain during exercise. Experimental Physiology, 2009, 94, 1062-1069.	0.9	709
15	Interleukin-6 Increases Insulin-Stimulated Glucose Disposal in Humans and Glucose Uptake and Fatty Acid Oxidation In Vitro via AMP-Activated Protein Kinase. Diabetes, 2006, 55, 2688-2697.	0.3	699
16	Role of myokines in exercise and metabolism. Journal of Applied Physiology, 2007, 103, 1093-1098.	1.2	613
17	Exercise and IL-6 infusion inhibit endotoxin-induced TNF α production in humans. FASEB Journal, 2003, 17, 1-10.	0.2	612
18	Interleukin-6 Stimulates Lipolysis and Fat Oxidation in Humans. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3005-3010.	1.8	609

#	ARTICLE	IF	CITATIONS
19	Aging and proinflammatory cytokines. <i>Current Opinion in Hematology</i> , 2001, 8, 131-136.	1.2	593
20	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution. <i>Cell Metabolism</i> , 2016, 23, 554-562.	7.2	572
21	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 431-438.	2.9	571
22	Interleukin-6 myokine signaling in skeletal muscle: a double-edged sword?. <i>FEBS Journal</i> , 2013, 280, 4131-4148.	2.2	550
23	Brain-derived neurotrophic factor is produced by skeletal muscle cells in response to contraction and enhances fat oxidation via activation of AMP-activated protein kinase. <i>Diabetologia</i> , 2009, 52, 1409-1418.	2.9	535
24	Evidence that interleukin-6 is produced in human skeletal muscle during prolonged running. <i>Journal of Physiology</i> , 1998, 508, 949-953.	1.3	533
25	Age-related inflammatory cytokines and disease. <i>Immunology and Allergy Clinics of North America</i> , 2003, 23, 15-39.	0.7	504
26	Tumor Necrosis Factor- α Induces Skeletal Muscle Insulin Resistance in Healthy Human Subjects via Inhibition of Akt Substrate 160 Phosphorylation. <i>Diabetes</i> , 2005, 54, 2939-2945.	0.3	503
27	Muscles and their myokines. <i>Journal of Experimental Biology</i> , 2011, 214, 337-346.	0.8	498
28	The disease of physical inactivity " and the role of myokines in muscle-fat cross talk. <i>Journal of Physiology</i> , 2009, 587, 5559-5568.	1.3	488
29	A Classical Brown Adipose Tissue mRNA Signature Partly Overlaps with Brite in the Supraclavicular Region of Adult Humans. <i>Cell Metabolism</i> , 2013, 17, 798-805.	7.2	474
30	Exercise and the immune system: a model of the stress response?. <i>Trends in Immunology</i> , 1994, 15, 382-387.	7.5	450
31	Muscle-derived interleukin-6: possible biological effects. <i>Journal of Physiology</i> , 2001, 536, 329-337.	1.3	442
32	Muscle-Organ Crosstalk: The Emerging Roles of Myokines. <i>Endocrine Reviews</i> , 2020, 41, 594-609.	8.9	428
33	Searching for the exercise factor: is IL-6 a candidate?. <i>Journal of Muscle Research and Cell Motility</i> , 2003, 24, 113-119.	0.9	416
34	A High Plasma Concentration of TNF- α Is Associated With Dementia in Centenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1999, 54, M357-M364.	1.7	410
35	Anti-inflammatory effects of exercise: role in diabetes and cardiovascular disease. <i>European Journal of Clinical Investigation</i> , 2017, 47, 600-611.	1.7	408
36	Muscle as a Secretary Organ. , 2013, 3, 1337-1362.		403

#	ARTICLE	IF	CITATIONS
37	Physical activity and muscle-brain crosstalk. <i>Nature Reviews Endocrinology</i> , 2019, 15, 383-392.	4.3	402
38	Transcriptional activation of the IL-6 gene in human contracting skeletal muscle: influence of muscle glycogen content. <i>FASEB Journal</i> , 2001, 15, 1-15.	0.2	385
39	Exercise as a Mean to Control Low-Grade Systemic Inflammation. <i>Mediators of Inflammation</i> , 2008, 2008, 1-6.	1.4	374
40	Interleukin-6 Is a Novel Factor Mediating Glucose Homeostasis During Skeletal Muscle Contraction. <i>Diabetes</i> , 2004, 53, 1643-1648.	0.3	352
41	Exercise as an anti-inflammatory therapy for rheumatic diseases-myokine regulation. <i>Nature Reviews Rheumatology</i> , 2015, 11, 86-97.	3.5	352
42	Interleukin-6 production in contracting human skeletal muscle is influenced by pre-exercise muscle glycogen content. <i>Journal of Physiology</i> , 2001, 537, 633-639.	1.3	348
43	Exercise-induced increase in serum interleukin-6 in humans is related to muscle damage. <i>Journal of Physiology</i> , 1997, 499, 833-841.	1.3	333
44	Molecular Mechanisms Linking Exercise to Cancer Prevention and Treatment. <i>Cell Metabolism</i> , 2018, 27, 10-21.	7.2	333
45	Ageing, tumour necrosis factor-alpha (TNF- α) and atherosclerosis. <i>Clinical and Experimental Immunology</i> , 2000, 121, 255-260.	1.1	328
46	Altered DNA Methylation and Differential Expression of Genes Influencing Metabolism and Inflammation in Adipose Tissue From Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 2962-2976.	0.3	326
47	IL-6 and TNF- α expression in, and release from, contracting human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E1272-E1278.	1.8	322
48	Exercise and Immune Function. <i>Sports Medicine</i> , 1999, 27, 73-80.	3.1	312
49	Contraction-Induced Myokine Production and Release: Is Skeletal Muscle an Endocrine Organ?. <i>Exercise and Sport Sciences Reviews</i> , 2005, 33, 114-119.	1.6	306
50	Exercise, nutrition and immune function. <i>Journal of Sports Sciences</i> , 2004, 22, 115-125.	1.0	296
51	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1487-1496.	1.2	296
52	A trauma-like elevation of plasma cytokines in humans in response to treadmill running. <i>Journal of Physiology</i> , 1998, 513, 889-894.	1.3	294
53	The Role of Exercise-Induced Myokines in Muscle Homeostasis and the Defense against Chronic Diseases. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-6.	3.0	294
54	Circulating levels of TNF-alpha and IL-6-relation to truncal fat mass and muscle mass in healthy elderly individuals and in patients with type-2 diabetes. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 495-502.	2.2	288

#	ARTICLE	IF	CITATIONS
55	Effects of <i>Lactobacillus acidophilus</i> NCFM on insulin sensitivity and the systemic inflammatory response in human subjects. <i>British Journal of Nutrition</i> , 2010, 104, 1831-1838.	1.2	288
56	Beneficial health effects of exercise – the role of IL-6 as a myokine. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 152-156.	4.0	283
57	BDNF is a novel marker of cognitive function in ageing women: The DR TM s EXTRA Study. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 596-603.	1.0	282
58	The Effects of Free-Living Interval-Walking Training on Glycemic Control, Body Composition, and Physical Fitness in Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2013, 36, 228-236.	4.3	280
59	Exercise-induced myokines and their role in chronic diseases. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 811-816.	2.0	277
60	Effects of exercise on lymphocytes and cytokines. <i>British Journal of Sports Medicine</i> , 2000, 34, 246-251.	3.1	276
61	Muscle specific microRNAs are regulated by endurance exercise in human skeletal muscle. <i>Journal of Physiology</i> , 2010, 588, 4029-4037.	1.3	273
62	Physical activity and plasma interleukin-6 in humans - effect of intensity of exercise. <i>European Journal of Applied Physiology</i> , 2000, 83, 512-515.	1.2	272
63	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. <i>American Journal of Medicine</i> , 2003, 115, 278-283.	0.6	270
64	Exerkines in health, resilience and disease. <i>Nature Reviews Endocrinology</i> , 2022, 18, 273-289.	4.3	268
65	The anti-inflammatory effect of exercise: its role in diabetes and cardiovascular disease control. <i>Essays in Biochemistry</i> , 2006, 42, 105-117.	2.1	260
66	Dynamics of the Skeletal Muscle Secretome during Myoblast Differentiation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2482-2496.	2.5	248
67	The miRNA Plasma Signature in Response to Acute Aerobic Exercise and Endurance Training. <i>PLoS ONE</i> , 2014, 9, e87308.	1.1	247
68	Human Endotoxemia as a Model of Systemic Inflammation. <i>Current Medicinal Chemistry</i> , 2008, 15, 1697-1705.	1.2	244
69	AMPK activity is diminished in tissues of IL-6 knockout mice: the effect of exercise. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 449-454.	1.0	242
70	Metabolic Responses to Reduced Daily Steps in Healthy Nonexercising Men. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 1261.	3.8	241
71	Predicting death from tumour necrosis factor-alpha and interleukin-6 in 80-year-old people. <i>Clinical and Experimental Immunology</i> , 2003, 132, 24-31.	1.1	238
72	Acute IL-6 treatment increases fatty acid turnover in elderly humans in vivo and in tissue culture in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E155-E162.	1.8	238

#	ARTICLE	IF	CITATIONS
73	A 2-wk reduction of ambulatory activity attenuates peripheral insulin sensitivity. <i>Journal of Applied Physiology</i> , 2010, 108, 1034-1040.	1.2	236
74	Sarcopenia and Postoperative Complication Risk in Gastrointestinal Surgical Oncology. <i>Annals of Surgery</i> , 2018, 268, 58-69.	2.1	232
75	Skeletal muscle adaptation: training twice every second day vs. training once daily. <i>Journal of Applied Physiology</i> , 2005, 98, 93-99.	1.2	228
76	Exercise-Induced Changes in Visceral Adipose Tissue Mass Are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>Cell Metabolism</i> , 2019, 29, 844-855.e3.	7.2	228
77	Exercise and cytokines. <i>Immunology and Cell Biology</i> , 2000, 78, 532-535.	1.0	225
78	Integration of microRNA changes in vivo identifies novel molecular features of muscle insulin resistance in type 2 diabetes. <i>Genome Medicine</i> , 2010, 2, 9.	3.6	225
79	NK cell response to physical activity: possible mechanisms of action. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, 140-146.	0.2	217
80	Role of exercise-induced brain-derived neurotrophic factor production in the regulation of energy homeostasis in mammals. <i>Experimental Physiology</i> , 2009, 94, 1153-1160.	0.9	217
81	Supplementation with vitamins C and E inhibits the release of interleukin-6 from contracting human skeletal muscle. <i>Journal of Physiology</i> , 2004, 558, 633-645.	1.3	216
82	The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?. <i>Proceedings of the Nutrition Society</i> , 2004, 63, 263-267.	0.4	211
83	Muscle contractions induce interleukin-6 mRNA production in rat skeletal muscles. <i>Journal of Physiology</i> , 2000, 528, 157-163.	1.3	210
84	Expression of interleukin-15 in human skeletal muscle – effect of exercise and muscle fibre type composition. <i>Journal of Physiology</i> , 2007, 584, 305-312.	1.3	200
85	Exercise-induced muscle-derived cytokines inhibit mammary cancer cell growth. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E504-E510.	1.8	196
86	The cytokine response to strenuous exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 505-511.	0.7	191
87	Evidence that the effect of physical exercise on NK cell activity is mediated by epinephrine. <i>Journal of Applied Physiology</i> , 1991, 70, 2530-2534.	1.2	189
88	Influence of pre-exercise muscle glycogen content on exercise-induced transcriptional regulation of metabolic genes. <i>Journal of Physiology</i> , 2002, 541, 261-271.	1.3	189
89	Serum level of soluble urokinase-type plasminogen activator receptor is a strong and independent predictor of survival in human immunodeficiency virus infection. <i>Blood</i> , 2000, 96, 4091-4095.	0.6	185
90	Edward F. Adolph Distinguished Lecture: Muscle as an endocrine organ: IL-6 and other myokines. <i>Journal of Applied Physiology</i> , 2009, 107, 1006-1014.	1.2	184

#	ARTICLE	IF	CITATIONS
91	Exercise and type 2 diabetes: focus on metabolism and inflammation. <i>Immunology and Cell Biology</i> , 2016, 94, 146-150.	1.0	182
92	Fibroblast Growth Factor-21 Is Induced in Human Skeletal Muscles by Hyperinsulinemia. <i>Diabetes</i> , 2009, 58, 2797-2801.	0.3	177
93	Muscle-derived interleukin-6: lipolytic, anti-inflammatory and immune regulatory effects. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 9-16.	1.3	175
94	Skeletal muscle action of estrogen receptor $\hat{1}\pm$ is critical for the maintenance of mitochondrial function and metabolic homeostasis in females. <i>Science Translational Medicine</i> , 2016, 8, 334ra54.	5.8	174
95	Cytokine response to eccentric exercise in young and elderly humans. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C289-C295.	2.1	171
96	Bicycle exercise enhances plasma IL-6 but does not change IL-1 alpha, IL-1 beta, IL-6, or TNF-alpha pre-mRNA in BMNC. <i>Journal of Applied Physiology</i> , 1994, 77, 93-97.	1.2	170
97	Fat-specific Protein 27 Regulates Storage of Triacylglycerol. <i>Journal of Biological Chemistry</i> , 2008, 283, 14355-14365.	1.6	169
98	Association between Interleukin-15 and Obesity: Interleukin-15 as a Potential Regulator of Fat Mass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4486-4493.	1.8	169
99	Physiological roles of muscle-derived interleukin-6 in response to exercise. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007, 10, 265-271.	1.3	167
100	The biological roles of exercise-induced cytokines: IL-6, IL-8, and IL-15. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 833-839.	0.9	167
101	Muscle-derived interleukin-6 "A possible link between skeletal muscle, adipose tissue, liver, and brain. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 371-376.	2.0	166
102	The effect of graded exercise on IL-6 release and glucose uptake in human skeletal muscle. <i>Journal of Physiology</i> , 2003, 546, 299-305.	1.3	164
103	Defective natural immunity: an early manifestation of human immunodeficiency virus infection.. <i>Journal of Experimental Medicine</i> , 1995, 182, 789-799.	4.2	162
104	Plasma levels of interleukin-6 and C-reactive protein are associated with physical inactivity independent of obesity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736003-???	1.3	162
105	Exercise and interleukin-6. <i>Current Opinion in Hematology</i> , 2001, 8, 137-141.	1.2	161
106	Low-dose endotoxemia and human neuropsychological functions. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 453-460.	2.0	159
107	Interleukin-6 Regulation of AMP-Activated Protein Kinase: Potential Role in the Systemic Response to Exercise and Prevention of the Metabolic Syndrome. <i>Diabetes</i> , 2006, 55, S48-S54.	0.3	158
108	IL-6 selectively stimulates fat metabolism in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E832-E840.	1.8	156

#	ARTICLE	IF	CITATIONS
109	Interleukin-6 release from the human brain during prolonged exercise. <i>Journal of Physiology</i> , 2002, 542, 991-995.	1.3	155
110	Glucose Ingestion Attenuates Interleukin-6 Release from Contracting Skeletal Muscle in Humans. <i>Journal of Physiology</i> , 2003, 549, 607-612.	1.3	154
111	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 637.	3.8	154
112	Exercise induces hepatosplanchnic release of heat shock protein 72 in humans. <i>Journal of Physiology</i> , 2002, 544, 957-962.	1.3	153
113	Exercise Induces a Marked Increase in Plasma Follistatin: Evidence That Follistatin Is a Contraction-Induced Hepatokine. <i>Endocrinology</i> , 2011, 152, 164-171.	1.4	152
114	IL-6 signalling in exercise and disease. <i>Biochemical Society Transactions</i> , 2007, 35, 1295-1297.	1.6	151
115	Antioxidant Supplementation Does Not Alter Endurance Training Adaptation. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1388-1395.	0.2	150
116	Strenuous exercise decreases the percentage of type 1 T cells in the circulation. <i>Journal of Applied Physiology</i> , 2001, 91, 1708-1712.	1.2	148
117	Interleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homeostasis. <i>Journal of Applied Physiology</i> , 2007, 102, 814-816.	1.2	148
118	Elderly Humans Show Prolonged In Vivo Inflammatory Activity during Pneumococcal Infections. <i>Journal of Infectious Diseases</i> , 1999, 180, 551-554.	1.9	147
119	Muscular Interleukin-6 and Its Role as an Energy Sensor. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 392-396.	0.2	143
120	Smoking impairs muscle protein synthesis and increases the expression of myostatin and MAFbx in muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E843-E848.	1.8	141
121	Impaired production of proinflammatory cytokines in response to lipopolysaccharide (LPS) stimulation in elderly humans. <i>Clinical and Experimental Immunology</i> , 1999, 118, 235-241.	1.1	137
122	Associations between insulin resistance and TNF- α in plasma, skeletal muscle and adipose tissue in humans with and without type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 2562-2571.	2.9	137
123	Effect of exercise, training, and glycogen availability on IL-6 receptor expression in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2005, 99, 2075-2079.	1.2	136
124	Reduced glycogen availability is associated with an elevation in HSP72 in contracting human skeletal muscle. <i>Journal of Physiology</i> , 2002, 538, 911-917.	1.3	135
125	Insulin stimulates interleukin-6 and tumor necrosis factor- α gene expression in human subcutaneous adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E234-E238.	1.8	134
126	Leisure time physical activity during pregnancy and impact on gestational diabetes mellitus, pre-eclampsia, preterm delivery and birth weight: a review. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2007, 86, 1290-1296.	1.3	132

#	ARTICLE	IF	CITATIONS
127	ROS and myokines promote muscle adaptation to exercise. Trends in Endocrinology and Metabolism, 2009, 20, 95-99.	3.1	132
128	Is ageing associated with a shift in the balance between Type 1 and Type 2 cytokines in humans?. Clinical and Experimental Immunology, 2002, 127, 107-114.	1.1	131
129	Influence of TNF- α and IL-6 infusions on insulin sensitivity and expression of IL-18 in humans. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E108-E114.	1.8	131
130	TGF- β 2 is an exercise-induced adipokine that regulates glucose and fatty acid metabolism. Nature Metabolism, 2019, 1, 291-303.	5.1	128
131	Plasma YKL-40. Diabetes, 2008, 57, 3078-3082.	0.3	127
132	Effect of vitamin supplementation on cytokine response and on muscle damage after strenuous exercise. American Journal of Physiology - Cell Physiology, 2001, 280, C1570-C1575.	2.1	126
133	Exercise-Induced Immunomodulation - Possible Roles of Neuroendocrine and Metabolic Factors. International Journal of Sports Medicine, 1997, 18, S2-S7.	0.8	125
134	Immunohistochemical detection of interleukin-6 in human skeletal muscle fibers following exercise. FASEB Journal, 2003, 17, 1-11.	0.2	125
135	The role of IL-6 in mediating the anti-inflammatory effects of exercise. Journal of Physiology and Pharmacology, 2006, 57 Suppl 10, 43-51.	1.1	125
136	Ageing Is Associated with a Prolonged Fever Response in Human Endotoxemia. Vaccine Journal, 2001, 8, 333-338.	2.6	124
137	Endurance training reduces the contraction-induced interleukin-6 mRNA expression in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E1189-E1194.	1.8	124
138	The cytokine response to strenuous exercise. Canadian Journal of Physiology and Pharmacology, 1998, 76, 505-511.	0.7	124
139	Modulation of Natural Killer Cell Activity in Peripheral Blood by Physical Exercise. Scandinavian Journal of Immunology, 1988, 27, 673-678.	1.3	122
140	The effect on glycaemic control of low-volume high-intensity interval training versus endurance training in individuals with type 2 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 1131-1139.	2.2	122
141	The Bipolar Illness Onset study: research protocol for the BIO cohort study. BMJ Open, 2017, 7, e015462.	0.8	119
142	Body Composition Is the Main Determinant for the Difference in Type 2 Diabetes Pathophysiology Between Japanese and Caucasians. Diabetes Care, 2014, 37, 796-804.	4.3	118
143	Exercise-Induced Catecholamines Activate the Hippo Tumor Suppressor Pathway to Reduce Risks of Breast Cancer Development. Cancer Research, 2017, 77, 4894-4904.	0.4	117
144	Production of Chemokines in Human Immunodeficiency Virus (HIV) Infection: Evidence that High Levels of Macrophage Inflammatory Protein-1 β Are Associated with a Decreased Risk of HIV Disease Progression. Journal of Infectious Diseases, 1998, 177, 331-336.	1.9	116

#	ARTICLE	IF	CITATIONS
145	Bimodal Effect on Pancreatic β -Cells of Secretory Products From Normal or Insulin-Resistant Human Skeletal Muscle. <i>Diabetes</i> , 2011, 60, 1111-1121.	0.3	115
146	Effect of Physical Exercise on Blood Mononuclear Cell Subpopulations and in Vitro Proliferative Responses. <i>Scandinavian Journal of Immunology</i> , 1989, 29, 383-389.	1.3	114
147	The Effect of Strength and Endurance Training on Insulin Sensitivity and Fat Distribution in Human Immunodeficiency Virus-Infected Patients with Lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3860-3869.	1.8	114
148	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 159-174.e11.	7.2	114
149	How Physical Exercise Influences the Establishment of Infections. <i>Sports Medicine</i> , 1995, 19, 393-400.	3.1	113
150	LIF is a contraction-induced myokine stimulating human myocyte proliferation. <i>Journal of Applied Physiology</i> , 2011, 111, 251-259.	1.2	112
151	Proteome- and Transcriptome-Driven Reconstruction of the Human Myocyte Metabolic Network and Its Use for Identification of Markers for Diabetes. <i>Cell Reports</i> , 2015, 11, 921-933.	2.9	112
152	Chemokines are elevated in plasma after strenuous exercise in humans. <i>European Journal of Applied Physiology</i> , 2001, 84, 244-245.	1.2	111
153	Effect of hyperglycemia and hyperinsulinemia on the response of IL-6, TNF- α , and FFAs to low-dose endotoxemia in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E766-E772.	1.8	111
154	THIS ARTICLE HAS BEEN RETRACTED Exercise induces interleukin-8 expression in human skeletal muscle. <i>Journal of Physiology</i> , 2005, 563, 507-516.	1.3	111
155	Hypoxemia increases serum interleukin-6 in humans. <i>European Journal of Applied Physiology</i> , 1997, 76, 480-482.	1.2	110
156	Influence of Physical Activity on the Cellular Immune System: Mechanisms of Action. <i>International Journal of Sports Medicine</i> , 1991, 12, S23-S29.	0.8	109
157	Plasma interleukin-6 during strenuous exercise: role of epinephrine. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1001-C1004.	2.1	109
158	Interleukin-6 production by contracting human skeletal muscle: autocrine regulation by IL-6. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 550-554.	1.0	109
159	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Adipokine. <i>Cell Metabolism</i> , 2019, 30, 963-975.e7.	7.2	109
160	Acute interleukin-6 administration does not impair muscle glucose uptake or whole-body glucose disposal in healthy humans. <i>Journal of Physiology</i> , 2003, 548, 631-638.	1.3	106
161	Calprotectin – A Novel Marker of Obesity. <i>PLoS ONE</i> , 2009, 4, e7419.	1.1	105
162	Glucagon-to-insulin ratio is pivotal for splanchnic regulation of FGF-21 in humans. <i>Molecular Metabolism</i> , 2015, 4, 551-560.	3.0	105

#	ARTICLE	IF	CITATIONS
163	Elevated plasma interleukin-18 is a marker of insulin-resistance in type 2 diabetic and non-diabetic humans. <i>Clinical Immunology</i> , 2005, 117, 152-160.	1.4	104
164	Natural Killer Cell Activity in Peripheral Blood of Highly Trained and Untrained Persons. <i>International Journal of Sports Medicine</i> , 1989, 10, 129-131.	0.8	103
165	In vivo cell-mediated immunity and vaccination response following prolonged, intense exercise. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1176-1181.	0.2	102
166	Exercise induces expression of leukaemia inhibitory factor in human skeletal muscle. <i>Journal of Physiology</i> , 2008, 586, 2195-2201.	1.3	101
167	Human T cell responses induced by vaccination with <i>Mycobacterium bovis</i> bacillus Calmette-Guérin. <i>Journal of Immunology</i> , 1997, 158, 1949-55.	0.4	101
168	Indometacin In Vitro and In Vivo Abolishes Post-Exercise Suppression of Natural Killer Cell Activity in Peripheral Blood. <i>International Journal of Sports Medicine</i> , 1990, 11, 127-131.	0.8	100
169	The Effect of Light, Moderate and Severe Bicycle Exercise on Lymphocyte Subsets, Natural and Lymphokine Activated Killer Cells, Lymphocyte Proliferative Response and Interleukin 2 Production. <i>International Journal of Sports Medicine</i> , 1993, 14, 275-282.	0.8	100
170	Possible beneficial role of exercise in modulating low-grade inflammation in the elderly. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2003, 13, 56-62.	1.3	99
171	Insulin resistance in patients with rheumatoid arthritis: effect of anti-TNF α therapy. <i>Scandinavian Journal of Rheumatology</i> , 2007, 36, 91-96.	0.6	99
172	Cholinergic status modulations in human volunteers under acute inflammation. <i>Journal of Molecular Medicine</i> , 2007, 85, 1239-1251.	1.7	99
173	IL-6 Gene Expression in Human Adipose Tissue in Response to Exercise – Effect of Carbohydrate Ingestion. <i>Journal of Physiology</i> , 2003, 550, 927-931.	1.3	96
174	Rhinitis and asthma in athletes: an ARIA document in collaboration with GA2LEN. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 681-692.	2.7	96
175	Effect of 8 wk of bicycle training on the immune system of patients with rheumatoid arthritis. <i>Journal of Applied Physiology</i> , 1993, 75, 1691-1695.	1.2	95
176	Elevated NF- κ B Activation Is Conserved in Human Myocytes Cultured From Obese Type 2 Diabetic Patients and Attenuated by AMP-Activated Protein Kinase. <i>Diabetes</i> , 2011, 60, 2810-2819.	0.3	95
177	Skeletal muscle as a gene regulatory endocrine organ. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 270-275.	1.3	95
178	Effect of Physical Exercise on In Vitro Production of Interleukin 1, Interleukin 6, Tumour Necrosis Factor- α , Interleukin 2 and Interferon- γ . <i>International Journal of Sports Medicine</i> , 1991, 12, 223-227.	0.8	93
179	Prevalence and Prognostic Significance of Infection with TT Virus in Patients Infected with Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 2000, 181, 1796-1799.	1.9	93
180	Interleukin-6 Markedly Decreases Skeletal Muscle Protein Turnover and Increases Nonmuscle Amino Acid Utilization in Healthy Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2851-2858.	1.8	93

#	ARTICLE	IF	CITATIONS
181	Fiber type specific expression of TNF-alpha, IL-6 and IL-18 in human skeletal muscles. Exercise Immunology Review, 2005, 11, 53-63.	0.4	93
182	Increased cerebral output of free radicals during hypoxia: implications for acute mountain sickness?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1283-R1292.	0.9	92
183	Exercise normalises overexpression of TNF- α in knockout mice. Biochemical and Biophysical Research Communications, 2004, 321, 179-182.	1.0	91
184	Decreased natural killer cell activity is associated with atherosclerosis in elderly humans. Experimental Gerontology, 2001, 37, 127-136.	1.2	90
185	Prolonged exercise, lymphocyte apoptosis and F2-isoprostanes. European Journal of Applied Physiology, 2002, 87, 38-42.	1.2	89
186	Muscle Strength After Resistance Training Is Inversely Correlated with Baseline Levels of Soluble Tumor Necrosis Factor Receptors in the Oldest Old. Journal of the American Geriatrics Society, 2004, 52, 237-241.	1.3	89
187	Physical Activity and Exercise Therapy Benefit More Than Just Symptoms and Impairments in People With Hip and Knee Osteoarthritis. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 439-447.	1.7	89
188	Plasma and Muscle Myostatin in Relation to Type 2 Diabetes. PLoS ONE, 2012, 7, e37236.	1.1	89
189	Circulating Follistatin Is Liver-Derived and Regulated by the Glucagon-to-Insulin Ratio. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 550-560.	1.8	88
190	Interleukin 6 as an energy allocator in muscle tissue. Nature Metabolism, 2022, 4, 170-179.	5.1	88
191	Soluble CD163: a biomarker linking macrophages and insulin resistance. Diabetologia, 2012, 55, 1856-1862.	2.9	86
192	Exercise-Induced Secretion of FGF21 and Follistatin Are Blocked by Pancreatic Clamp and Impaired in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2816-2825.	1.8	86
193	Recovery of the immune system after exercise. Acta Physiologica Scandinavica, 1998, 162, 325-332.	2.3	85
194	Changes in insulin sensitivity precede changes in body composition during 14 days of step reduction combined with overfeeding in healthy young men. Journal of Applied Physiology, 2012, 113, 7-15.	1.2	85
195	Heterogeneity in the perirenal region of humans suggests presence of dormant brown adipose tissue that contains brown fat precursor cells. Molecular Metabolism, 2019, 24, 30-43.	3.0	85
196	N-3 polyunsaturated fatty acids do not affect cytokine response to strenuous exercise. Journal of Applied Physiology, 2000, 89, 2401-2406.	1.2	84
197	Altered regulation of the PINK1 locus: a link between type 2 diabetes and neurodegeneration?. FASEB Journal, 2007, 21, 3653-3665.	0.2	83
198	Ethnic Differences in Insulin Sensitivity, β -Cell Function, and Hepatic Extraction Between Japanese and Caucasians: A Minimal Model Analysis. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4273-4280.	1.8	83

#	ARTICLE	IF	CITATIONS
199	The Physiology of Optimizing Health with a Focus on Exercise as Medicine. <i>Annual Review of Physiology</i> , 2019, 81, 607-627.	5.6	83
200	Effects of <i>in vivo</i> hyperthermia on natural killer cell activity, <i>in vitro</i> proliferative responses and blood mononuclear cell subpopulations. <i>Clinical and Experimental Immunology</i> , 2008, 84, 175-180.	1.1	82
201	Evidence that the Effect of Bicycle Exercise on Blood Mononuclear Cell Proliferative Responses and Subsets is Mediated by Epinephrine. <i>International Journal of Sports Medicine</i> , 1994, 15, 100-104.	0.8	81
202	Leukocyte counts and lymphocyte responsiveness associated with repeated bouts of strenuous endurance exercise. <i>Journal of Applied Physiology</i> , 2001, 91, 425-434.	1.2	81
203	Interleukin-6 release from human skeletal muscle during exercise: relation to AMPK activity. <i>Journal of Applied Physiology</i> , 2003, 95, 2273-2277.	1.2	81
204	Tumor Necrosis Factor- α Modulates Human <i>In Vivo</i> Lipolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 543-549.	1.8	81
205	RBP:retinol ratio, but not total RBP, is elevated in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 204-212.	2.2	81
206	Erythropoietin Over-Expression Protects against Diet-Induced Obesity in Mice through Increased Fat Oxidation in Muscles. <i>PLoS ONE</i> , 2009, 4, e5894.	1.1	80
207	Association between fatigue and failure to preserve cerebral energy turnover during prolonged exercise. <i>Acta Physiologica Scandinavica</i> , 2003, 179, 67-74.	2.3	79
208	Differential regulation of IL-6 and TNF- α via calcineurin in human skeletal muscle cells. <i>Cytokine</i> , 2006, 36, 141-147.	1.4	79
209	Skeletal muscle as an immunogenic organ. <i>Current Opinion in Pharmacology</i> , 2008, 8, 346-351.	1.7	79
210	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , 2015, 58, 1845-1854.	2.9	79
211	Exercise regulates breast cancer cell viability: systemic training adaptations versus acute exercise responses. <i>Breast Cancer Research and Treatment</i> , 2016, 159, 469-479.	1.1	79
212	The relative prognostic value of plasma HIV RNA levels and CD4 lymphocyte counts in advanced HIV infection. <i>Aids</i> , 1998, 12, 1639-1643.	1.0	78
213	IL-6, but not TNF- α , increases plasma YKL-40 in human subjects. <i>Cytokine</i> , 2011, 55, 152-155.	1.4	78
214	Cytokines in Aging and Exercise. <i>International Journal of Sports Medicine</i> , 2000, 21, 4-9.	0.8	77
215	Vitamin E isoform-specific inhibition of the exercise-induced heat shock protein 72 expression in humans. <i>Journal of Applied Physiology</i> , 2006, 100, 1679-1687.	1.2	77
216	Elevated Levels of IL-18 in Plasma and Skeletal Muscle in Chronic Obstructive Pulmonary Disease. <i>Lung</i> , 2007, 185, 161-171.	1.4	77

#	ARTICLE	IF	CITATIONS
217	Endurance training enhances skeletal muscle interleukin-15 in human male subjects. <i>Endocrine</i> , 2014, 45, 271-278.	1.1	77
218	Type 2 Diabetes Is Associated with Altered NF- κ B DNA Binding Activity, JNK Phosphorylation, and AMPK Phosphorylation in Skeletal Muscle after LPS. <i>PLoS ONE</i> , 2011, 6, e23999.	1.1	77
219	Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. <i>PLoS ONE</i> , 2018, 13, e0194991.	1.1	77
220	Glucose ingestion attenuates the exercise-induced increase in circulating heat shock protein 72 and heat shock protein 60 in humans. <i>Cell Stress and Chaperones</i> , 2004, 9, 390.	1.2	77
221	Influence of in vivo hypobaric hypoxia on function of lymphocytes, neutrocytes, natural killer cells, and cytokines. <i>Journal of Applied Physiology</i> , 1993, 74, 1100-1106.	1.2	76
222	Ten questions about systems biology. <i>Journal of Physiology</i> , 2011, 589, 1017-1030.	1.3	76
223	The Immune System during Exposure to Extreme Physiologic Conditions. <i>International Journal of Sports Medicine</i> , 1994, 15, S116-S121.	0.8	75
224	Body mass index-independent effect of fitness and physical activity for all-cause mortality. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2007, 17, 196-204.	1.3	75
225	Exercise and hypoxia: effects on leukocytes and interleukin-6???shared mechanisms?. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 2004-2012.	0.2	74
226	Menopause is associated with decreased whole body fat oxidation during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1227-E1236.	1.8	74
227	Exercise induces interleukin-8 receptor (CXCR2) expression in human skeletal muscle. <i>Experimental Physiology</i> , 2007, 92, 233-240.	0.9	73
228	Interleukin-6 Delays Gastric Emptying in Humans with Direct Effects on Glycemic Control. <i>Cell Metabolism</i> , 2018, 27, 1201-1211.e3.	7.2	73
229	Inhibition of human lymphocyte proliferation and cleavage of interleukin-2 by <i>Pseudomonas aeruginosa</i> proteases. <i>Infection and Immunity</i> , 1988, 56, 1673-1677.	1.0	73
230	Interleukin-18 Activates Skeletal Muscle AMPK and Reduces Weight Gain and Insulin Resistance in Mice. <i>Diabetes</i> , 2013, 62, 3064-3074.	0.3	71
231	Effect of antioxidant supplementation on insulin sensitivity in response to endurance exercise training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E761-E770.	1.8	70
232	Mechanisms behind the superior effects of interval vs continuous training on glycaemic control in individuals with type 2 diabetes: a randomised controlled trial. <i>Diabetologia</i> , 2014, 57, 2081-2093.	2.9	70
233	Increased neuroendocrine response to a repeated bout of endurance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 568-575.	0.2	69
234	Effect of short-term intralipid infusion on the immune response during low-dose endotoxemia in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E371-E379.	1.8	69

#	ARTICLE	IF	CITATIONS
235	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021, 12, 1041.	5.8	69
236	Nitric oxide production is a proximal signaling event controlling exercise-induced mRNA expression in human skeletal muscle. <i>FASEB Journal</i> , 2007, 21, 2683-2694.	0.2	68
237	Exercise-induced immunodepression— plasma glutamine is not the link. <i>Journal of Applied Physiology</i> , 2002, 93, 813-822.	1.2	67
238	Plasma Concentrations of Soluble Urokinase-type Plasminogen Activator Receptor Are Increased in Patients with Malaria and Are Associated with a Poor Clinical or a Fatal Outcome. <i>Journal of Infectious Diseases</i> , 2005, 191, 1331-1341.	1.9	67
239	Cytokines, brain-derived neurotrophic factor and C-reactive protein in bipolar I disorder — Results from a prospective study. <i>Journal of Affective Disorders</i> , 2016, 197, 167-174.	2.0	67
240	Effect of glutamine supplementation on exercise-induced changes in lymphocyte function. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1259-C1265.	2.1	66
241	Pneumococcal Infections in Humans Are Associated with Increased Apoptosis and Trafficking of Type 1 Cytokine-Producing T Cells. <i>Infection and Immunity</i> , 2002, 70, 5019-5025.	1.0	66
242	Inhibition of human natural killer cell activity by <i>Pseudomonas aeruginosa</i> alkaline protease and elastase. <i>Infection and Immunity</i> , 1987, 55, 986-989.	1.0	66
243	Enhanced plasma IL-6 and IL-1ra responses to repeated vs. single bouts of prolonged cycling in elite athletes. <i>Journal of Applied Physiology</i> , 2002, 92, 2547-2553.	1.2	65
244	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. <i>Nature Metabolism</i> , 2020, 2, 397-412.	5.1	65
245	Clinical Progression of HIV Infection: Role of NK Cells. <i>Scandinavian Journal of Immunology</i> , 1997, 46, 91-95.	1.3	64
246	Hepatosplanchnic clearance of interleukin-6 in humans during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E397-E402.	1.8	64
247	Low-level Viremia and Proviral DNA Impede Immune Reconstitution in HIV-1 Infected Patients Receiving Highly Active Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2005, 191, 348-357.	1.9	64
248	Long-Term Combined Supplementations with α -Tocopherol and Vitamin C Have No Detectable Anti-Inflammatory Effects in Healthy Men. <i>Journal of Nutrition</i> , 2003, 133, 1170-1173.	1.3	63
249	The Acute Effects of Interval- Vs Continuous-Walking Exercise on Glycemic Control in Subjects With Type 2 Diabetes: A Crossover, Controlled Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3334-3342.	1.8	63
250	Human Models of Low-Grade Inflammation: Bolus versus Continuous Infusion of Endotoxin. <i>Vaccine Journal</i> , 2007, 14, 250-255.	3.2	62
251	Brain-Derived Neurotrophic Factor Predicts Mortality Risk in Older Women. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 1447-1452.	1.3	62
252	Can you exercise to make your immune system fitter?. <i>Trends in Immunology</i> , 1996, 17, 252-254.	7.5	61

#	ARTICLE	IF	CITATIONS
253	Lymphocyte proliferation in response to exercise. <i>European Journal of Applied Physiology</i> , 1997, 75, 375-379.	1.2	61
254	Endotoxemia stimulates skeletal muscle Na ⁺ -K ⁺ -ATPase and raises blood lactate under aerobic conditions in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1028-H1034.	1.5	61
255	Oral glucose ingestion attenuates exercise-induced activation of 5â€²-AMP-activated protein kinase in human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 949-955.	1.0	61
256	Visfatin mRNA expression in human subcutaneous adipose tissue is regulated by exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E24-E31.	1.8	61
257	Effects of glutamine on the immune system: influence of muscular exercise and HIV infection. <i>Journal of Applied Physiology</i> , 1995, 79, 146-150.	1.2	60
258	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , 2012, 112, 990-1000.	1.2	60
259	Ramadan model of intermittent fasting for 28Âd had no major effect on body composition, glucose metabolism, or cognitive functions in healthy lean men. <i>Nutrition</i> , 2017, 37, 92-103.	1.1	60
260	Effect of glutamine and protein supplementation on exercise-induced decreases in salivary IgA. <i>Journal of Applied Physiology</i> , 2001, 91, 832-838.	1.2	59
261	Leukaemia inhibitory factor—an exercise-induced myokine. <i>Exercise Immunology Review</i> , 2010, 16, 77-85.	0.4	59
262	Muscle glycogen content and glucose uptake during exercise in humans: influence of prior exercise and dietary manipulation. <i>Journal of Physiology</i> , 2002, 541, 273-281.	1.3	58
263	Prognostic impact of hsâ€²CRP and ILâ€²6 in patients with persistent atrial fibrillation treated with electrical cardioversion. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009, 69, 425-432.	0.6	58
264	Low fitness is associated with abdominal adiposity and low-grade inflammation independent of BMI. <i>PLoS ONE</i> , 2018, 13, e0190645.	1.1	57
265	Effects of elevated plasma noradrenaline concentration on the immune system in humans. <i>European Journal of Applied Physiology</i> , 1998, 79, 93-98.	1.2	56
266	Interleukinâ€²6 receptor expression in contracting human skeletal muscle: regulating role of ILâ€²6. <i>FASEB Journal</i> , 2005, 19, 1181-1183.	0.2	56
267	The Importance of Brown Adipose Tissue. <i>New England Journal of Medicine</i> , 2009, 361, 415-421.	13.9	55
268	Satellite Cells Derived from Obese Humans with Type 2 Diabetes and Differentiated into Myocytes In Vitro Exhibit Abnormal Response to IL-6. <i>PLoS ONE</i> , 2012, 7, e39657.	1.1	55
269	Liver and Muscle Contribute Differently to the Plasma Acylcarnitine Pool During Fasting and Exercise in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 5044-5052.	1.8	55
270	Muscle-Organ Crosstalk: Focus on Immunometabolism. <i>Frontiers in Physiology</i> , 2020, 11, 567881.	1.3	55

#	ARTICLE	IF	CITATIONS
271	Exercise induces recruitment of lymphocytes with an activated phenotype and short telomeres in young and elderly humans. <i>Life Sciences</i> , 1999, 65, 2623-2633.	2.0	54
272	High Plasma Levels of Intact and Cleaved Soluble Urokinase Receptor Reflect Immune Activation and Are Independent Predictors of Mortality in HIV-1-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2005, 39, 23-31.	0.9	54
273	High serum YKL-40 level in a cohort of octogenarians is associated with increased risk of all-cause mortality. <i>Clinical and Experimental Immunology</i> , 2008, 151, 260-266.	1.1	54
274	Plasma follistatin is elevated in patients with type 2 diabetes: relationship to hyperglycemia, hyperinsulinemia, and systemic low-grade inflammation. <i>Diabetes/Metabolism Research and Reviews</i> , 2013, 29, 463-472.	1.7	54
275	Glucose tolerance is associated with differential expression of microRNAs in skeletal muscle: results from studies of twins with and without type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 363-373.	2.9	53
276	Prolonged submaximal eccentric exercise is associated with increased levels of plasma IL-6. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 273, E85-E91.	1.8	52
277	Residual Viraemia in HIV-1-Infected Patients with Plasma Viral Load ≥ 20 copies/ml is Associated with Increased Blood Levels of Soluble Immune Activation Markers. <i>Scandinavian Journal of Immunology</i> , 2008, 68, 652-660.	1.3	52
278	Glucagon Like Peptide-1-Induced Glucose Metabolism in Differentiated Human Muscle Satellite Cells Is Attenuated by Hyperglycemia. <i>PLoS ONE</i> , 2012, 7, e44284.	1.1	52
279	Effect of glutamine supplementation on changes in the immune system induced by repeated exercise. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 856-862.	0.2	52
280	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , 2017, 15, 39.	2.3	51
281	Natural immunity and HIV disease progression. <i>Aids</i> , 1999, 13, 557-563.	1.0	50
282	Circulating YKL-40 levels during human endotoxaemia. <i>Clinical and Experimental Immunology</i> , 2005, 140, 343-348.	1.1	50
283	Exercise-induced liver chemokine CXCL1 expression is linked to muscle-derived interleukin-6 expression. <i>Journal of Physiology</i> , 2011, 589, 1409-1420.	1.3	50
284	Competitive sustained exercise in humans, lymphokine activated killer cell activity, and glutamine ? an intervention study. <i>European Journal of Applied Physiology</i> , 1998, 78, 448-453.	1.2	49
285	Is Interleukin-6 Receptor Blockade the Holy Grail for Inflammatory Diseases?. <i>Clinical Pharmacology and Therapeutics</i> , 2010, 87, 396-398.	2.3	49
286	Effects of an Acute Bolus Growth Hormone Infusion on the Human Immune System. <i>Hormone and Metabolic Research</i> , 1993, 25, 579-585.	0.7	48
287	Lymphocyte, NK and LAK Cell Responses to Maximal Exercise. <i>International Journal of Sports Medicine</i> , 1996, 17, 60-65.	0.8	48
288	Changes in plasma concentrations of interleukin-6 and interleukin-1 receptor antagonists in response to adrenaline infusion in humans. <i>European Journal of Applied Physiology</i> , 2000, 83, 95-98.	1.2	48

#	ARTICLE	IF	CITATIONS
289	Circulating adiponectin levels during human endotoxaemia. <i>Clinical and Experimental Immunology</i> , 2003, 134, 107-110.	1.1	48
290	The IL-6 $\hat{\sim}$ 174G>C polymorphism is associated with cardiovascular diseases and mortality in 80-year-old humans. <i>Experimental Gerontology</i> , 2004, 39, 255-261.	1.2	48
291	PGC-1 $\hat{1}^2$ is downregulated by training in human skeletal muscle: no effect of training twice every second day vs. once daily on expression of the PGC-1 family. <i>Journal of Applied Physiology</i> , 2007, 103, 1536-1542.	1.2	48
292	Calprotectin is released from human skeletal muscle tissue during exercise. <i>Journal of Physiology</i> , 2008, 586, 3551-3562.	1.3	48
293	Type 2 diabetes mellitus is associated with impaired cytokine response and adhesion molecule expression in human endotoxemia. <i>Intensive Care Medicine</i> , 2010, 36, 1548-1555.	3.9	48
294	Muscle-derived expression of the chemokine CXCL1 attenuates diet-induced obesity and improves fatty acid oxidation in the muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E831-E840.	1.8	48
295	IL-6 release from muscles during exercise is stimulated by lactate-dependent protease activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E940-E947.	1.8	48
296	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020, 63, 362-373.	2.9	48
297	Increased losses of CD4+CD45RA+ cells in late stages of HIV infection is related to increased risk of death. <i>Aids</i> , 1997, 11, 1479-1485.	1.0	47
298	Vascular endothelial growth factor mRNA expression and arteriovenous balance in response to prolonged, submaximal exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1759-H1763.	1.5	47
299	Reduced mortality and CD4 cell loss among carriers of the interleukin-10 $\hat{\sim}$ 1082G allele in a Zimbabwean cohort of HIV-1-infected adults. <i>Aids</i> , 2007, 21, 2283-2291.	1.0	47
300	Angiotensin-like protein 4 is an exercise-induced hepatokine in humans, regulated by glucagon and cAMP. <i>Molecular Metabolism</i> , 2017, 6, 1286-1295.	3.0	47
301	Natural killer cell response to exercise in humans: effect of hypoxia and epidural anesthesia. <i>Journal of Applied Physiology</i> , 1995, 78, 709-716.	1.2	46
302	Soluble Urokinase Receptor Levels in Plasma During 5 Years of Highly Active Antiretroviral Therapy in HIV-1-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004, 35, 337-342.	0.9	46
303	The effects of 2 weeks of interval vs continuous walking training on glycaemic control and whole-body oxidative stress in individuals with type 2 diabetes: a controlled, randomised, crossover trial. <i>Diabetologia</i> , 2017, 60, 508-517.	2.9	46
304	Lymphocytes and NK cell activity during repeated bouts of maximal exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1996, 271, R222-R227.	0.9	45
305	Low Production of Interferon $\hat{1}^3$ Is Related to Disease Progression in HIV Infection: Evidence from a Cohort of 347 HIV-Infected Individuals. <i>AIDS Research and Human Retroviruses</i> , 1997, 13, 1039-1046.	0.5	45
306	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> , 2014, 47, 199-211.	1.3	45

#	ARTICLE	IF	CITATIONS
307	Effect of a 2-year home-based endurance training intervention on physiological function and PSA doubling time in prostate cancer patients. <i>Cancer Causes and Control</i> , 2016, 27, 165-174.	0.8	45
308	Low plasma level of adiponectin is associated with stavudine treatment and lipodystrophy in HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2004, 135, 273-279.	1.1	44
309	Cerebrospinal fluid IL-6, HSP72, and TNF- α in exercising humans. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 585-589.	2.0	44
310	Increased shelterin mRNA expression in peripheral blood mononuclear cells and skeletal muscle following an ultra-long-distance running event. <i>Journal of Applied Physiology</i> , 2012, 112, 773-781.	1.2	44
311	Examining the Effects of Hyperglycemia on Pancreatic Endocrine Function in Humans: Evidence for <i>in Vivo</i> Glucotoxicity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4682-4691.	1.8	44
312	Normal physical activity obliterates the deleterious effects of a high-caloric intake. <i>Journal of Applied Physiology</i> , 2014, 116, 231-239.	1.2	44
313	Effect of diet and plasma fatty acid composition on immune status in elderly men. <i>American Journal of Clinical Nutrition</i> , 1994, 59, 572-577.	2.2	43
314	TNF- α , leptin, and lymphocyte function in human aging. <i>Life Sciences</i> , 2000, 67, 2721-2731.	2.0	43
315	Glutamine supplementation further enhances exercise-induced plasma IL-6. <i>Journal of Applied Physiology</i> , 2003, 95, 145-148.	1.2	43
316	Impaired Leptin Gene Expression and Release in Cultured Preadipocytes Isolated From Individuals Born With Low Birth Weight. <i>Diabetes</i> , 2014, 63, 111-121.	0.3	43
317	Skeletal muscle mitochondrial function and exercise capacity in HIV-infected patients with lipodystrophy and elevated p-lactate levels. <i>Aids</i> , 2002, 16, 973-982.	1.0	42
318	Prognostic impact of hs-CRP and IL-6 in patients undergoing radiofrequency catheter ablation for atrial fibrillation. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 285-291.	0.4	42
319	Human skeletal muscle releases leptin in vivo. <i>Cytokine</i> , 2012, 60, 667-673.	1.4	42
320	The immediate effects of a single bout of aerobic exercise on oral glucose tolerance across the glucose tolerance continuum. <i>Physiological Reports</i> , 2014, 2, e12114.	0.7	42
321	Cellular immunity in highly trained elite racing cyclists during periods of training with high and low intensity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 1991, 1, 163-166.	1.3	41
322	Quantitative analysis of the secretion of the MCP family of chemokines by muscle cells. <i>Molecular BioSystems</i> , 2011, 7, 311-321.	2.9	41
323	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E1105-E1116.	1.8	41
324	Over-expression of Follistatin-like 3 attenuates fat accumulation and improves insulin sensitivity in mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 283-295.	1.5	41

#	ARTICLE	IF	CITATIONS
325	Immune Function and Phenotype Before and After Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 1999, 21, 376.	0.9	40
326	IL-6 activates HSP72 gene expression in human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1264-1266.	1.0	40
327	The Tumor Necrosis Factor Alpha $\text{C}308\text{G} > \text{A}$ Polymorphism Is Associated with Dementia in the Oldest Old. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 1361-1366.	1.3	40
328	On the antioxidant properties of erythropoietin and its association with the oxidative-nitrosative stress response to hypoxia in humans. <i>Acta Physiologica</i> , 2014, 212, 175-187.	1.8	40
329	Effect of IL-6 on the insulin sensitivity in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E769-E778.	1.8	40
330	Exercise and the immune system - influence of nutrition and ageing. <i>Journal of Science and Medicine in Sport</i> , 1999, 2, 234-252.	0.6	39
331	TNF- α , but not IL-6, stimulates plasminogen activator inhibitor-1 expression in human subcutaneous adipose tissue. <i>Journal of Applied Physiology</i> , 2005, 98, 2019-2023.	1.2	39
332	Discordant gene expression in skeletal muscle and adipose tissue of patients with type 2 diabetes: effect of interleukin-6 infusion. <i>Diabetologia</i> , 2006, 49, 1000-1007.	2.9	39
333	Voluntary Exercise Prevents Cisplatin-Induced Muscle Wasting during Chemotherapy in Mice. <i>PLoS ONE</i> , 2014, 9, e109030.	1.1	39
334	Metabolic profile in patients with newly diagnosed bipolar disorder and their unaffected first-degree relatives. <i>International Journal of Bipolar Disorders</i> , 2019, 7, 8.	0.8	39
335	Leptin gene expression and systemic levels in healthy men: effect of exercise, carbohydrate, interleukin-6, and epinephrine. <i>Journal of Applied Physiology</i> , 2005, 98, 1805-1812.	1.2	38
336	Characterization of the in Vitro Effects of Glucocorticosteroids on NK Cell Activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986, 41, 220-224.	2.7	37
337	Exercise-induced change in type 1 cytokine-producing CD8+ T cells is related to a decrease in memory T cells. <i>Journal of Applied Physiology</i> , 2002, 93, 645-648.	1.2	37
338	Impaired production of cytokines is an independent predictor of mortality in HIV-1-infected patients. <i>Aids</i> , 2003, 17, 521-530.	1.0	37
339	The CSF and arterial to internal jugular venous hormonal differences during exercise in humans. <i>Experimental Physiology</i> , 2004, 89, 271-277.	0.9	37
340	Adipose tissue lipin expression levels distinguish HIV patients with and without lipodystrophy. <i>International Journal of Obesity</i> , 2007, 31, 449-456.	1.6	37
341	Cognitive Functions in Middle Aged Individuals Are Related to Metabolic Disturbances and Aerobic Capacity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e51132.	1.1	37
342	Type 2 diabetes and obesity induce similar transcriptional reprogramming in human myocytes. <i>Genome Medicine</i> , 2017, 9, 47.	3.6	37

#	ARTICLE	IF	CITATIONS
343	Type 2 diabetes remission 1â€%year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2257-2266.	2.2	37
344	Effects of in vitro hyperthermia on the proliferative response of blood mononuclear cell subsets, and detection of interleukins 1 and 6, tumour necrosis factor-alpha and interferon-gamma. <i>Immunology</i> , 1991, 73, 304-8.	2.0	37
345	The mRNA expression profile of metabolic genes relative to MHC isoform pattern in human skeletal muscles. <i>Journal of Applied Physiology</i> , 2006, 101, 817-825.	1.2	36
346	The Role of Inflammation in Vascular Insulin Resistance with Focus on IL-6. <i>Hormone and Metabolic Research</i> , 2008, 40, 635-639.	0.7	36
347	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. <i>International Journal of COPD</i> , 2016, Volume 11, 2659-2669.	0.9	36
348	Proliferative responses of blood mononuclear cells (BMNC) in a cohort of elderly humans: role of lymphocyte phenotype and cytokine production. <i>Clinical and Experimental Immunology</i> , 2000, 119, 433-440.	1.1	35
349	Recovery time affects immunoendocrine responses to a second bout of endurance exercise. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1612-C1620.	2.1	35
350	Targeting Inflammation Through a Physical Active Lifestyle and Pharmaceuticals for the Treatment of Type 2 Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 82.	1.7	35
351	Ectopic Lipid Deposition Is Associated With Insulin Resistance in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3394-3404.	1.8	35
352	Cerebral output of cytokines in patients with pneumococcal meningitis*. <i>Critical Care Medicine</i> , 2005, 33, 979-983.	0.4	34
353	Interleukin 2 augmentation of the defective natural killer cell activity in patients with primary SjÃ¶gren's syndrome. <i>Clinical and Experimental Immunology</i> , 1986, 63, 1-7.	1.1	34
354	High Plasma Level of Interleukin-18 in HIV-Infected Subjects With Lipodystrophy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2004, 36, 588-593.	0.9	33
355	Epicardial, pericardial and total cardiac fat and cardiovascular disease in type 2 diabetic patients with elevated urinary albumin excretion rate. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1517-1524.	0.8	33
356	Exercise and health â€” emerging roles of IL-6. <i>Current Opinion in Physiology</i> , 2019, 10, 49-54.	0.9	33
357	Does the aging skeletal muscle maintain its endocrine function?. <i>Exercise Immunology Review</i> , 2004, 10, 42-55.	0.4	33
358	Effects of eccentric cycling exercise on IGFâ€ splice variant expression in the muscles of young and elderly people. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 447-452.	1.3	32
359	Genetic priming of a proinflammatory profile predicts low IQ in octogenarians. <i>Neurobiology of Aging</i> , 2009, 30, 769-781.	1.5	32
360	Glucose ingestion during endurance training does not alter adaptation. <i>Journal of Applied Physiology</i> , 2009, 106, 1771-1779.	1.2	32

#	ARTICLE	IF	CITATIONS
361	A Muscular Twist on the Fate of Fat. <i>New England Journal of Medicine</i> , 2012, 366, 1544-1545.	13.9	32
362	Natural Killer Cells in Relation to Disease and Treatment. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1985, 40, 547-557.	2.7	31
363	Granulocyte Colony-Stimulating Factor Increases CD4+T Cell Counts of Human Immunodeficiency Virus-Infected Patients Receiving Stable, Highly Active Antiretroviral Therapy: Results from a Randomized, Placebo-Controlled Trial. <i>Journal of Infectious Diseases</i> , 2000, 181, 1148-1152.	1.9	31
364	2B4 expression on natural killer cells increases in HIV-1 infected patients followed prospectively during highly active antiretroviral therapy. <i>Clinical and Experimental Immunology</i> , 2005, 141, 526-533.	1.1	31
365	Transcerebral Exchange Kinetics of Nitrite and Calcitonin Gene-Related Peptide in Acute Mountain Sickness. <i>Stroke</i> , 2009, 40, 2205-2208.	1.0	31
366	Deficient leukemia inhibitory factor signaling in muscle precursor cells from patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E283-E292.	1.8	31
367	Selective Modulation of the CD4 Molecular Complex by <i>Pseudomonas aeruginosa</i> Alkaline Protease and Elastase. <i>Scandinavian Journal of Immunology</i> , 1987, 26, 91-94.	1.3	30
368	β -Endorphin and the Immune System - Possible Role in Autoimmune Diseases. <i>Autoimmunity</i> , 1995, 21, 161-171.	1.2	30
369	Adipose tissue expression of IL-18 and HIV-associated lipodystrophy. <i>Aids</i> , 2004, 18, 1956-1958.	1.0	30
370	Common studied polymorphisms do not affect plasma cytokine levels upon endotoxin exposure in humans. <i>Clinical and Experimental Immunology</i> , 2008, 152, 147-152.	1.1	30
371	Muscle specific miRNAs are induced by testosterone and independently upregulated by age. <i>Frontiers in Physiology</i> , 2014, 4, 394.	1.3	30
372	Effect of endurance versus resistance training on local muscle and systemic inflammation and oxidative stress in COPD. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2339-2348.	1.3	30
373	Aerobic Exercise Induces Cardiac Fat Loss and Alters Cardiac Muscle Mass Through an Interleukin-6 Receptor-Dependent Mechanism. <i>Circulation</i> , 2019, 140, 1684-1686.	1.6	30
374	Asymptomatic bacteriuria in elderly humans is associated with increased levels of circulating TNF receptors and elevated numbers of neutrophils. <i>Experimental Gerontology</i> , 2002, 37, 693-699.	1.2	29
375	Muscle-specific expression of hypoxia-inducible factor in human skeletal muscle. <i>Experimental Physiology</i> , 2010, 95, 899-907.	0.9	29
376	Angiogenin and Osteoprotegerin are type II muscle specific myokines protecting pancreatic beta-cells against proinflammatory cytokines. <i>Scientific Reports</i> , 2018, 8, 10072.	1.6	29
377	Lifelong Physical Activity Prevents Aging-Associated Insulin Resistance in Human Skeletal Muscle Myotubes via Increased Glucose Transporter Expression. <i>PLoS ONE</i> , 2013, 8, e66628.	1.1	29
378	Methylprednisolone pulse therapy in acute severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1990, 45, 224-230.	2.7	28

#	ARTICLE	IF	CITATIONS
379	Physical activity counteracts increased whole-body protein breakdown in chronic obstructive pulmonary disease patients. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 557-564.	1.3	28
380	Endurance training improves insulin sensitivity and body composition in prostate cancer patients treated with androgen deprivation therapy. <i>Endocrine-Related Cancer</i> , 2013, 20, 621-632.	1.6	28
381	Exercise-induced metallothionein expression in human skeletal muscle fibres. <i>Experimental Physiology</i> , 2005, 90, 477-486.	0.9	27
382	Expression of Fibroblast Growth Factor-21 in Muscle Is Associated with Lipodystrophy, Insulin Resistance and Lipid Disturbances in Patients with HIV. <i>PLoS ONE</i> , 2013, 8, e55632.	1.1	27
383	Dysregulation of a novel miR-23b/27b-p53 axis impairs muscle stem cell differentiation of humans with type 2 diabetes. <i>Molecular Metabolism</i> , 2017, 6, 770-779.	3.0	27
384	Exercise and browning of white adipose tissue – a translational perspective. <i>Current Opinion in Pharmacology</i> , 2020, 52, 18-24.	1.7	27
385	Effect of ranitidine on postoperative suppression of natural killer cell activity and delayed hypersensitivity. <i>Acta Chirurgica Scandinavica</i> , 1989, 155, 377-82.	0.2	27
386	Effect of eccentric exercise on natural killer cell activity. <i>Journal of Applied Physiology</i> , 1995, 78, 1442-1446.	1.2	26
387	The response on glucoregulatory hormones of <i>in vivo</i> whole body hyperthermia. <i>International Journal of Hyperthermia</i> , 1997, 13, 413-421.	1.1	26
388	Training and natural immunity: effects of diets rich in fat or carbohydrate. <i>European Journal of Applied Physiology</i> , 2000, 82, 98-102.	1.2	26
389	Acute Moderate Elevation of TNF- α Does Not Affect Systemic and Skeletal Muscle Protein Turnover in Healthy Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 294-299.	1.8	26
390	The effect of glutamine infusion on the inflammatory response and HSP70 during human experimental endotoxaemia. <i>Critical Care</i> , 2009, 13, R7.	2.5	26
391	A randomized controlled trial on a multicomponent intervention for overweight school-aged children – Copenhagen, Denmark. <i>BMC Pediatrics</i> , 2014, 14, 273.	0.7	26
392	Chronic fatigue syndrome--a controlled cross sectional study. <i>Journal of Rheumatology</i> , 1994, 21, 1527-31.	1.0	26
393	Inhibition of Natural Killer Cell Activity by Antigen-Antibody Complexes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986, 41, 568-574.	2.7	25
394	Inhibition of Lipolysis Stimulates Peripheral Glucose Uptake but Has No Effect on Endogenous Glucose Production in HIV Lipodystrophy. <i>Diabetes</i> , 2007, 56, 2070-2077.	0.3	25
395	A comparison of <i>ex vivo</i> cytokine production in venous and capillary blood. <i>Clinical and Experimental Immunology</i> , 2007, 150, 469-476.	1.1	25
396	The effect of acute exercise on lymphocyte subsets, natural killer cells, proliferative responses, and cytokines in HIV-seropositive persons. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1994, 7, 1122-33.	1.0	25

#	ARTICLE	IF	CITATIONS
397	Levels of Complement Receptor Type One (CR1, CD35) on Erythrocytes, Circulating Immune Complexes and Complement C3 Split Products C3d and C3c Are Not Changed by Short-Term Physical Exercise or Training. <i>International Journal of Sports Medicine</i> , 1992, 13, 172-175.	0.8	24
398	Cerebral net exchange of large neutral amino acids after lipopolysaccharide infusion in healthy humans. <i>Critical Care</i> , 2010, 14, R16.	2.5	24
399	Intermittent Standing but not a Moderate Exercise Bout Reduces Postprandial Glycemia. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2305-2314.	0.2	24
400	Immunity in athletes. <i>Journal of Sports Medicine and Physical Fitness</i> , 1996, 36, 236-45.	0.4	24
401	Splenectomy impairs lymphocytosis during maximal exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 272, R1847-R1852.	0.9	23
402	Interleukin-6 Infusion During Human Endotoxaemia Inhibits In Vitro Release of the Urokinase Receptor from Peripheral Blood Mononuclear Cells. <i>Scandinavian Journal of Immunology</i> , 2005, 61, 197-206.	1.3	23
403	Recombinant human interleukin-6 infusion during low-intensity exercise does not enhance whole body lipolysis or fat oxidation in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E2-E7.	1.8	23
404	Erythropoietin augments the cytokine response to acute endotoxin-induced inflammation in humans. <i>Cytokine</i> , 2009, 45, 154-157.	1.4	23
405	Increased urinary orosomucoid excretion: a proposed marker for inflammation and endothelial dysfunction in patients with type 2 diabetes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009, 69, 272-281.	0.6	23
406	Cerebral Formation of Free Radicals during Hypoxia Does Not Cause Structural Damage and is Associated with a Reduction in Mitochondrial PO_2 ; Evidence of O_2 -Sensing in Humans?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1020-1026.	2.4	23
407	The role of leptin in human lipid and glucose metabolism: the effects of acute recombinant human leptin infusion in young healthy males. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1533-1544.	2.2	23
408	Determining pancreatic β -cell compensation for changing insulin sensitivity using an oral glucose tolerance test. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E822-E829.	1.8	23
409	Head-to-head comparison of intensive lifestyle intervention (U-TURN) versus conventional multifactorial care in patients with type 2 diabetes: protocol and rationale for an assessor-blinded, parallel group and randomised trial. <i>BMJ Open</i> , 2015, 5, e009764.	0.8	23
410	Glucose ingestion blunts hormone-sensitive lipase activity in contracting human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E144-E150.	1.8	22
411	The effect of alternate-day caloric restriction on the metabolic consequences of 8 days of bed rest in healthy lean men: a randomized trial. <i>Journal of Applied Physiology</i> , 2017, 122, 230-241.	1.2	22
412	Modulation of the counts and functions of neutrophils and monocytes underin vivo hyperthermia conditions. <i>International Journal of Hyperthermia</i> , 1994, 10, 165-173.	1.1	21
413	<i>In Vitro</i> Effects of Human Growth Hormone on the Proliferative Responses and Cytokine Production of Blood Mononuclear Cells. <i>Hormone and Metabolic Research</i> , 1994, 26, 612-614.	0.7	21
414	Adrenergic β_1 - and β_{1+2} -receptor blockade suppress the natural killer cell response to head-up tilt in humans. <i>Journal of Applied Physiology</i> , 1997, 83, 1492-1498.	1.2	21

#	ARTICLE	IF	CITATIONS
415	Epinephrine-Induced Mobilization of Natural Killer (NK) Cells and NK-like T Cells in HIV-Infected Patients. <i>Cellular Immunology</i> , 1999, 197, 91-98.	1.4	21
416	Short-term simvastatin treatment has no effect on plasma cytokine response in a human in vivo model of low-grade inflammation. <i>Clinical and Experimental Immunology</i> , 2006, 144, 94-100.	1.1	21
417	The Acute Effects of Low-Dose TNF- α on Glucose Metabolism and β -Cell Function in Humans. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	21
418	The formation and design of the TRIAGE study - baseline data on 6005 consecutive patients admitted to hospital from the emergency department. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015, 23, 106.	1.1	21
419	A Longitudinal Study of the Influence of Azathioprine on Natural Killer Cell Activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986, 41, 286-289.	2.7	20
420	A Low Level of CD4+CD28+T Cells Is an Independent Predictor of High Mortality in Human Immunodeficiency Virus Type 1-Infected Patients. <i>Journal of Infectious Diseases</i> , 2003, 187, 1726-1734.	1.9	20
421	The effects of interval- vs. continuous exercise on excess post-exercise oxygen consumption and substrate oxidation rates in subjects with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1316-1325.	1.5	20
422	Fetal Hyperglycemia Changes Human Preadipocyte Function in Adult Life. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1141-1150.	1.8	20
423	Why prescribe exercise as therapy in type 2 diabetes? We have a pill for that!. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2999.	1.7	20
424	Exercise-mediated improvement of depression in patients with gastro-esophageal junction cancer is linked to kynurenine metabolism. <i>Acta Oncologica</i> , 2019, 58, 579-587.	0.8	20
425	Cerebral Blood Flow and Oxidative Metabolism During Human Endotoxemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, , 1262-1270.	2.4	20
426	Schistosomiasis and Infection with Human Immunodeficiency Virus 1 in Rural Zimbabwe: Systemic Inflammation during Co-infection and after Treatment for Schistosomiasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 331-337.	0.6	20
427	Proliferative and Cytotoxic capabilities of CD16 $\frac{1}{2}$ CD56 $^{+}$ and CD16 $\frac{1}{2}$ CD56 $^{-}$ natural killer cells. <i>Apmis</i> , 2000, 108, 831-837.	0.9	19
428	Proinflammatory Cytokines, Antibodies to Chlamydia pneumoniae and Age-associated Diseases in Danish Centenarians: Is There a Link?. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 493-499.	1.5	19
429	Epinephrine infusion increases adipose interleukin-6 gene expression and systemic levels in humans. <i>Journal of Applied Physiology</i> , 2004, 97, 1309-1312.	1.2	19
430	Plasma Levels of Intact and Cleaved Urokinase Receptor Decrease in HIV-1-Infected Patients Initiating Highly Active Antiretroviral Therapy. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 478-486.	1.3	19
431	Strategies to Enhance Immune Function for Marathon Runners. <i>Sports Medicine</i> , 2007, 37, 416-419.	3.1	19
432	Muscle-fat interaction: a two-way street?. <i>Journal of Physiology</i> , 2010, 588, 21-21.	1.3	19

#	ARTICLE	IF	CITATIONS
433	Who would have thought " myokines two decades on. <i>Nature Reviews Endocrinology</i> , 2020, 16, 619-620.	4.3	19
434	Mechanisms of B-lymphocyte suppression induced by acute physical exercise. <i>Journal of Clinical & Laboratory Immunology</i> , 1989, 30, 169-73.	0.1	19
435	Bambuterol: Effects of a new anti-asthmatic drug. <i>European Journal of Clinical Pharmacology</i> , 1985, 29, 425-427.	0.8	18
436	Restricted pulmonary diffusion capacity after exercise is not an ARDS-like injury. <i>Journal of Sports Sciences</i> , 1995, 13, 109-113.	1.0	18
437	Exercise and immune function: effect of ageing and nutrition. <i>Proceedings of the Nutrition Society</i> , 1999, 58, 733-742.	0.4	18
438	Physical Activity Enhances Metabolic Fitness Independently of Cardiorespiratory Fitness in Marathon Runners. <i>Disease Markers</i> , 2015, 2015, 1-11.	0.6	18
439	Voluntary wheel running can lead to modulation of immune checkpoint molecule expression. <i>Acta Oncologica</i> , 2020, 59, 1447-1454.	0.8	18
440	Characterization of the natural killer cell activity in Hashimoto's and Graves' diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1989, 44, 477-481.	2.7	17
441	The Effect of Long-Term Treatment with Granulocyte Colony-Stimulating Factor on Hematopoiesis in HIV-Infected Individuals. <i>Scandinavian Journal of Immunology</i> , 2000, 52, 298-303.	1.3	17
442	Elevated plasma urokinase receptor predicts low birth weight in maternal malaria. <i>Parasite Immunology</i> , 2007, 29, 37-46.	0.7	17
443	Glucose ingestion during endurance training in men attenuates expression of myokine receptor. <i>Experimental Physiology</i> , 2009, 94, 1124-1131.	0.9	17
444	Commonly Studied Polymorphisms in Inflammatory Cytokine Genes Show Only Minor Effects on Mortality and Related Risk Factors in Nonagenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 225-235.	1.7	17
445	Physical activity is associated with retained muscle metabolism in human myotubes challenged with palmitate. <i>Journal of Physiology</i> , 2013, 591, 4621-4635.	1.3	17
446	Alpha adrenergic receptor blockade increases capillarization and fractional O ₂ extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , 2017, 221, 32-43.	1.8	17
447	Characterization of the in vivo and in vitro Effects of Indomethacin on Human Natural Killer Cell Activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986, 41, 532-536.	2.7	16
448	The natural killer cell response to exercise in spinal cord injured individuals. <i>European Journal of Applied Physiology</i> , 1998, 79, 106-109.	1.2	16
449	Nutrition, exercise and the immune system. <i>Proceedings of the Nutrition Society</i> , 1998, 57, 43-47.	0.4	16
450	Hypotension during endotoxemia in aged humans. <i>European Journal of Anaesthesiology</i> , 2001, 18, 572-575.	0.7	16

#	ARTICLE	IF	CITATIONS
451	N-Acetylcysteine Attenuates Oxidative Burst by Neutrophils in Response to Ergometer Rowing with no Effect on Pulmonary Gas Exchange. <i>International Journal of Sports Medicine</i> , 2001, 22, 256-260.	0.8	16
452	Persistent low-grade inflammation and regular exercise. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 96-105.	0.8	16
453	Criterion validity and reliability of a smartphone delivered sub-maximal fitness test for people with type 2 diabetes. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2016, 8, 31.	0.7	16
454	The role of exercise combined with tocilizumab in visceral and epicardial adipose tissue and gastric emptying rate in abdominally obese participants: protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 266.	0.7	16
455	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , 2019, 9, 8169.	1.6	16
456	Effects of an intensive lifestyle intervention on the underlying mechanisms of improved glycaemic control in individuals with type 2 diabetes: a secondary analysis of a randomised clinical trial. <i>Diabetologia</i> , 2020, 63, 2410-2422.	2.9	16
457	Inhibition of human natural killer cell activity by <i>Legionella pneumophila</i> protease. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1989, 8, 989-992.	1.3	15
458	Adrenaline-induced mobilization of T cells in HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2000, 119, 115-122.	1.1	15
459	Prognostic Value of Single Measurements of Beta-2-microglobulin, Immunoglobulin A in HIV Disease After Controlling for CD4 Lymphocyte Counts and Plasma HIV RNA Levels. <i>Scandinavian Journal of Infectious Diseases</i> , 2000, 32, 371-376.	1.5	15
460	Blocking endogenous IL-6 impairs mobilization of free fatty acids during rest and exercise in lean and obese men. <i>Cell Reports Medicine</i> , 2021, 2, 100396.	3.3	15
461	Exercise and cytokines. <i>Immunology and Cell Biology</i> , 2000, 78, 532-535.	1.0	15
462	Increased Circulating Levels of Interleukin-6 in HIV-seropositive Subjects. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 13, 93.	0.3	15
463	Cell-Mediated Immunity to <i>Plasmodium falciparum</i> Infection: Evidence against the Involvement of Cytotoxic Lymphocytes. <i>Scandinavian Journal of Immunology</i> , 1988, 28, 105-111.	1.3	14
464	Somatostatin attenuates the hyperthermia induced increase in neutrophil concentration. <i>European Journal of Applied Physiology</i> , 1997, 77, 149-156.	1.2	14
465	Immuno-endocrine and metabolic responses to long distance ski racing in world-class male and female cross-country skiers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2004, 14, 39-48.	1.3	14
466	Characterization of specific antibodies against cytomegalovirus (CMV)-encoded interleukin 10 produced by 28% of CMV-seropositive blood donors. <i>Journal of General Virology</i> , 2011, 92, 1508-1518.	1.3	14
467	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. <i>Clinical Epidemiology</i> , 2016, 8, 201.	1.5	14
468	Impaired Follistatin Secretion in Cirrhosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3395-3400.	1.8	14

#	ARTICLE	IF	CITATIONS
469	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , 2021, 64, 397-409.	2.9	14
470	Dose-Response Effects of Exercise on Glucose-Lowering Medications for Type 2 Diabetes: A Secondary Analysis of a Randomized Clinical Trial. <i>Mayo Clinic Proceedings</i> , 2020, 95, 488-503.	1.4	14
471	<i>Mycobacterium avium</i> and Purified Protein Derivative-Specific Cytotoxicity Mediated by CD4+ Lymphocytes from Healthy HIV-Seropositive and -Seronegative Individuals. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 12, 433-441.	0.3	14
472	Effects of Chloroquine, Mefloquine and Quinine on Natural Killer Cell Activity in vitro.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986, 41, 537-542.	2.7	13
473	Influence of Minor Increases in Plasma Catecholamines on Natural Killer Cell Activity. <i>Hormone Research in Paediatrics</i> , 1998, 49, 22-26.	0.8	13
474	T-Cell Receptor Excisional Circles, Telomere Length, Proliferation and Apoptosis in Peripheral Blood Mononuclear Cells of Human Immunodeficiency Virus-Infected Individuals after 18 Months of Treatment Induced Viral Suppression. <i>Scandinavian Journal of Immunology</i> , 2003, 57, 485-492.	1.3	13
475	Genomic variants at the PINK1 locus are associated with transcript abundance and plasma nonesterified fatty acid concentrations in European whites. <i>FASEB Journal</i> , 2008, 22, 3135-3145.	0.2	13
476	In Vitro Palmitate Treatment of Myotubes from Postmenopausal Women Leads to Ceramide Accumulation, Inflammation and Affected Insulin Signaling. <i>PLoS ONE</i> , 2014, 9, e101555.	1.1	13
477	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , 2017, 123, 624-631.	1.2	13
478	Effect of 6 weeks of high-intensity one-legged cycling on functional sympatholysis and ATP signaling in patients with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 314, ajpheart.00379..	1.5	13
479	Depressed natural killer cell activity in acute myocardial infarction. <i>Clinical and Experimental Immunology</i> , 1987, 70, 209-16.	1.1	13
480	Down-regulation of natural killer cell activity by autologous polymorphonuclear leucocytes.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1988, 43, 17-23.	2.7	12
481	Cytokine production ex vivo: Effect of raised body temperature. <i>International Journal of Hyperthermia</i> , 1995, 11, 329-335.	1.1	12
482	Lack of IL-6 production during exercise in patients with mitochondrial myopathy. <i>European Journal of Applied Physiology</i> , 2001, 84, 155-157.	1.2	12
483	Daily Marathon Running for a Weekâ€”The Biochemical and Body Compositional Effects of Participation. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2927-2933.	1.0	12
484	Obesity and Low-Grade Inflammation Increase Plasma Follistatin-Like 3 in Humans. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	12
485	Glucose effectiveness, but not insulin sensitivity, is improved after short-term interval training in individuals with type 2 diabetes mellitus: a controlled, randomised, crossover trial. <i>Diabetologia</i> , 2017, 60, 2432-2442.	2.9	12
486	Effects of an exercise-based lifestyle intervention on systemic markers of oxidative stress and advanced glycation endproducts in persons with type 2 diabetes: Secondary analysis of a randomised clinical trial. <i>Free Radical Biology and Medicine</i> , 2022, 188, 328-336.	1.3	12

#	ARTICLE	IF	CITATIONS
487	Immunological Changes in Human Immunodeficiency Virus (HIV)-Infected Individuals During HIV-Specific Protease Inhibitor Treatment. <i>Scandinavian Journal of Immunology</i> , 1999, 49, 539-547.	1.3	11
488	Effects of acute exercise on pancreatic endocrine function in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2015, 17, 207-210.	2.2	11
489	Long-term effect of smartphone-delivered Interval Walking Training on physical activity in patients with type 2 diabetes: protocol for a parallel group single-blinded randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e014036.	0.8	11
490	Low expression of IL-18 and IL-18 receptor in human skeletal muscle is associated with systemic and intramuscular lipid metabolism—Role of HIV lipodystrophy. <i>PLoS ONE</i> , 2018, 13, e0186755.	1.1	11
491	Impaired release of natural killer cytotoxic factor in patients with primary Sjögren's syndrome. <i>Clinical and Experimental Immunology</i> , 1988, 72, 299-302.	1.1	11
492	Methylprednisolone pulse therapy in severe acute asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1987, 42, 154-157.	2.7	10
493	Increase in Percentage of CD45RO+/CD8+ Cells Is Associated with Previous Severe Primary HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1995, 10, 107-114.	0.3	10
494	Effects of Subcutaneous Interleukin-2 Therapy on Phenotype and Function of Peripheral Blood Mononuclear Cells in Human Immunodeficiency Virus Infected Patients. <i>Scandinavian Journal of Immunology</i> , 2000, 51, 168-175.	1.3	10
495	Activated T Lymphocytes Disappear from Circulation during Endotoxemia in Humans. <i>Vaccine Journal</i> , 2002, 9, 731-735.	3.2	10
496	Anti-inflammatory — just another word for anti-ageing?. <i>Journal of Physiology</i> , 2009, 587, 5515-5515.	1.3	10
497	A state of acquired IL-10 deficiency in 0.4% of Danish blood donors. <i>Cytokine</i> , 2010, 51, 286-293.	1.4	10
498	The Danish Centre for Strategic Research in Type 2 Diabetes (DD2) study: expected outcome from the DD2 project and two intervention studies. <i>Clinical Epidemiology</i> , 2012, 4, 21.	1.5	10
499	Effects of erythropoietin on body composition and fat-free glucose metabolism in patients with affective disorders. <i>Acta Neuropsychiatrica</i> , 2018, 30, 342-349.	1.0	10
500	Exercise-Mediated Lowering of Glutamine Availability Suppresses Tumor Growth and Attenuates Muscle Wasting. <i>iScience</i> , 2020, 23, 100978.	1.9	10
501	Enhancement of human natural cytotoxicity by Plasmodium falciparum antigen activated lymphocytes. <i>Acta Tropica</i> , 1987, 44, 415-22.	0.9	10
502	Effects of Isoprinosine Treatment of HIV-Positive Patients on Blood Mononuclear Cell Subsets, NK- and T-Cell Function, Tumour Necrosis Factor, and Interleukins 1, 2, and 6. <i>Scandinavian Journal of Immunology</i> , 1990, 32, 641-649.	1.3	9
503	Pentoxifylline therapy in HIV seropositive subjects with elevated TNF. <i>Immunopharmacology</i> , 1995, 31, 85-91.	2.0	9
504	Reduced Release of Intact and Cleaved Urokinase Receptor in Stimulated Whole-Blood Cultures from Human Immunodeficiency Virus-1-Infected Patients. <i>Scandinavian Journal of Immunology</i> , 2005, 61, 347-356.	1.3	9

#	ARTICLE	IF	CITATIONS
505	Exercise and interleukin-6 action. <i>Expert Review of Endocrinology and Metabolism</i> , 2006, 1, 319-321.	1.2	9
506	State of the Art Reviews: Health Benefits Related to Exercise in Patients With Chronic Low-Grade Systemic Inflammation. <i>American Journal of Lifestyle Medicine</i> , 2007, 1, 289-298.	0.8	9
507	Preparation and validation of radio iodinated recombinant human IL-10 for the measurement of natural human antibodies against IL-10. <i>Journal of Immunological Methods</i> , 2009, 350, 46-53.	0.6	9
508	Independent component analysis in non-hypothesis driven metabolomics: Improvement of pattern discovery and simplification of biological data interpretation demonstrated with plasma samples of exercising humans. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 156-162.	1.2	9
509	Metabolic and Transcriptional Changes in Cultured Muscle Stem Cells from Low Birth Weight Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2254-2264.	1.8	9
510	The effect of 8 days of strict bed rest on the incretin effect in healthy volunteers. <i>Journal of Applied Physiology</i> , 2016, 120, 608-614.	1.2	9
511	Comparative Effectiveness of Low-Volume Time-Efficient Resistance Training Versus Endurance Training in Patients With Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2018, 38, 175-181.	1.2	9
512	Muscle β -adrenergic responsiveness during exercise and ATP-induced vasodilation in chronic obstructive pulmonary disease patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H180-H187.	1.5	9
513	Decreased Short-Term Production of Tumor Necrosis Factor α and Interleukin 1β in Human Immunodeficiency Virus-Seropositive Subjects. <i>Journal of Infectious Diseases</i> , 1997, 175, 1507-1510.	1.9	8
514	Voluntary Wheel Running Reduces the Acute Inflammatory Response to Liver Carcinogen in a Sex-specific Manner. <i>Cancer Prevention Research</i> , 2017, 10, 719-728.	0.7	8
515	Female sex hormones are necessary for the metabolic effects mediated by loss of Interleukin 18 signaling. <i>Molecular Metabolism</i> , 2018, 12, 89-97.	3.0	8
516	Development of Limb Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: Smoking, Inflammation, or Simply Disuse?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 134-135.	1.4	8
517	Skeletal muscle adaptations to exercise are not influenced by metformin treatment in humans: secondary analyses of 2 randomized, clinical trials. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 309-320.	0.9	8
518	Natural killer cell function and number of peripheral blood are not altered in recurrent aphthous ulceration. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1993, 76, 616-619.	0.6	7
519	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. Reply to Lambert GW et al (letter). <i>Diabetologia</i> , 2007, 50, 2029-2030.	2.9	7
520	AZATHIOPRINE AS SINGLE DRUG IN THE TREATMENT OF RHEUMATOID ARTHRITIS INDUCES COMPLETE SUPPRESSION OF NATURAL KILLER CELL ACTIVITY. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section C, Immunology</i> , 1984, 92C, 221-225.	0.2	7
521	Acute reduction of lipolysis reduces adiponectin and IL-18: evidence from an intervention study with acipimox and insulin. <i>Diabetologia</i> , 2013, 56, 2034-2043.	2.9	7
522	Insulin signaling in skeletal muscle of HIV-infected patients in response to endurance and strength training. <i>Physiological Reports</i> , 2013, 1, e00060.	0.7	7

#	ARTICLE	IF	CITATIONS
523	Reduced Trunk Fat and Triglycerides After Strength Training Are Associated With Reduced LPS Levels in HIV-Infected Individuals. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2014, 66, e52-e54.	0.9	7
524	The "Interval Walking in Colorectal Cancer" (I-WALK-CRC) study: Design, methods and recruitment results of a randomized controlled feasibility trial. <i>Contemporary Clinical Trials Communications</i> , 2018, 9, 143-150.	0.5	7
525	IL-10-specific autoantibodies predict major adverse cardiovascular events in kidney transplanted patients—a retrospective cohort study. <i>Transplant International</i> , 2019, 32, 933-948.	0.8	7
526	The effects of different doses of exercise on pancreatic β -cell function in patients with newly diagnosed type 2 diabetes: study protocol for and rationale behind the "DOSE-EX" multi-arm parallel-group randomised clinical trial. <i>Trials</i> , 2021, 22, 244.	0.7	7
527	Increase in natural killer cell activity during diethylcarbamazine treatment of patients with filariasis. <i>Acta Tropica</i> , 1987, 44, 353-5.	0.9	7
528	The in vivo effect of triethylphosphine gold (auranofin), sodium aurothiomalate and azathioprine on lymphocyte subsets of patients with rheumatoid arthritis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1988, 43, 396-398.	2.7	6
529	Bambuterol: clinical effects of three doses of bambuterol once daily in asthmatic patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1988, 43, 573-576.	2.7	6
530	N-acetylcysteine does not affect the lymphocyte proliferation and natural killer cell activity responses to exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1227-R1231.	0.9	6
531	Proliferation and telomere length in acutely mobilized blood mononuclear cells in HIV infected patients. <i>Clinical and Experimental Immunology</i> , 2002, 127, 499-506.	1.1	6
532	Treatment of diabetes mellitus: new tricks by an old player. <i>Nature Reviews Endocrinology</i> , 2010, 6, 482-483.	4.3	6
533	Acute effects of interleukin-6 infusion on apo-B-containing lipoprotein subclasses in humans. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 449-455.	0.6	6
534	The Effect of Metformin on Self-Selected Exercise Intensity in Healthy, Lean Males: A Randomized, Crossover, Counterbalanced Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 599164.	1.5	6
535	Effects of exercise on the immune system in the elderly population. <i>Immunology and Cell Biology</i> , 2000, 78, 523-531.	1.0	6
536	Glutamine, exercise, and the immune system—is there a link?. <i>Exercise Immunology Review</i> , 1998, 4, 49-63.	0.4	6
537	Suppressed Natural Killer Cell Activity in Patients with Euthyroid Graves' Ophthalmopathy. <i>Autoimmunity</i> , 1989, 2, 291-298.	1.2	5
538	Immunological Effects of a Hyperinsulinaemic Euglycaemic Insulin Clamp in Healthy Males. <i>Scandinavian Journal of Immunology</i> , 1998, 47, 363-368.	1.3	5
539	METHYLPREDNISOLONE PULSE THERAPY INDUCED FALL IN NATURAL KILLER CELL ACTIVITY IN RHEUMATOID ARTHRITIS. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section C, Immunology</i> , 2009, 92C, 319-323.	0.2	5
540	Non-major histocompatibility complex-restricted cytotoxic activity of blood mononuclear cells stimulated with secreted mycobacterial proteins and other mycobacterial antigens. <i>Infection and Immunity</i> , 1994, 62, 5305-5311.	1.0	5

#	ARTICLE	IF	CITATIONS
541	The Effect of Prophylaxis with Chloroquine and Proguanil on Delayed-Type Hypersensitivity and Antibody Production Following Vaccination with Diphtheria, Tetanus, Polio, and Pneumococcal Vaccines. <i>American Journal of Tropical Medicine and Hygiene</i> , 1991, 45, 613-618.	0.6	5
542	The immune system and serum glutamine during a triathlon. <i>European Journal of Applied Physiology</i> , 1996, 74, 428-434.	1.2	5
543	The in vivo effect of triethylphosphine gold (auranofin), sodium aurothiomalate and azathioprine on natural killer cell activity of patients with rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 1987, 5, 47-52.	0.4	5
544	Influence of Naloxone on the cellular immune response to head-up tilt in humans. <i>European Journal of Applied Physiology</i> , 1997, 76, 415-420.	1.2	4
545	Effects of lipopolysaccharide infusion on arterial levels and transcerebral exchange kinetics of glutamate and glycine in healthy humans. <i>Apmis</i> , 2012, 120, 761-766.	0.9	4
546	Physical Exercise in Chronic Diseases. , 2019, , 217-266.		4
547	Effects of a Lifestyle Intervention on Bone Turnover in Persons with Type 2 Diabetes: A Post Hoc Analysis of the U-TURN Trial. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 38-46.	0.2	4
548	Exercise-Induced Changes in Visceral Adipose Tissue Mass are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
549	Influence of elevated body temperature on circulating immunoglobulin-secreting cells. <i>International Journal of Hyperthermia</i> , 1994, 10, 653-658.	1.1	3
550	Effects of isoniazid treatment on human lymphocyte proliferative response, lymphocyte subsets and natural killer cell activity. <i>Immunopharmacology</i> , 1995, 30, 247-253.	2.0	3
551	Bulk Culture Levels of Specific Cytotoxic T-Cell Activity Against HIV-1 Proteins are not Associated with Risk of Death. <i>Scandinavian Journal of Immunology</i> , 1999, 50, 223-227.	1.3	3
552	Natural Immunity – Effect of Exercise. <i>NeuroImmune Biology</i> , 2005, 5, 263-288.	0.2	3
553	The effects of a multisite aerobic exercise intervention on asthma morbidity in sedentary adults with asthma: the Ex-asthma study randomised controlled trial protocol. <i>BMJ Open</i> , 2013, 3, e003177.	0.8	3
554	Myokines and Metabolism. , 2016, , 541-554.		3
555	Natural killer cell functions are related to the cell membrane composition of essential fatty acids: differences in healthy persons and patients with primary Sjögren's syndrome. <i>Clinical and Experimental Rheumatology</i> , 1992, 10, 229-34.	0.4	3
556	Characterization of the in vitro effect of triethylphosphine gold (auranofin) on human NK cell activity. <i>Clinical and Experimental Rheumatology</i> , 1986, 4, 249-53.	0.4	3
557	Exercise suppresses tumor growth independent of high fat food intake and associated immune dysfunction. <i>Scientific Reports</i> , 2022, 12, 5476.	1.6	3
558	An Unusual Case of Multiple Malignancy in an Adult. <i>Tumori</i> , 1984, 70, 575-577.	0.6	2

#	ARTICLE	IF	CITATIONS
559	Effects of Subcutaneous IL-2 Therapy on Telomere Lengths in PBMC in HIV-Infected Patients. Scandinavian Journal of Immunology, 2001, 53, 315-319.	1.3	2
560	Sudden cardiac death in Swedish orienteers - a mystery solved?. Scandinavian Journal of Medicine and Science in Sports, 2001, 11, 259-259.	1.3	2
561	High Levels of CD8-Positive Lymphocytes Expressing CD45RO, Granzyme B, and Ki-67 in Lymph Nodes of HIV-Infected Individuals Are Not Associated with Increased Mortality. AIDS Research and Human Retroviruses, 2001, 17, 287-293.	0.5	2
562	BASELINE AND INTERFERON α -ENHANCED NATURAL KILLER CELL ACTIVITY IN RHEUMATOID ARTHRITIS. Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section C, Immunology, 1985, 93C, 79-84.	0.2	2
563	Protective potential of high-intensity interval training on cardiac structure and function after COVID-19: protocol and statistical analysis plan for an investigator-blinded randomised controlled trial. BMJ Open, 2021, 11, e048281.	0.8	2
564	Physical Activity, Obesity and Weight Loss Maintenance. Handbook of Experimental Pharmacology, 2022, , 1.	0.9	2
565	Smartphone-app-delivered Interval Walking Training In Denmark. Medicine and Science in Sports and Exercise, 2016, 48, 604-605.	0.2	1
566	Modulation of natural killer cell activity in patients with immune-inflammatory diseases. Danish Medical Bulletin, 1988, 35, 315-22.	0.1	1
567	Impaired indomethacin-boosting of the defective natural killer cell activity in patients with primary Sjögren's syndrome. Scandinavian Journal of Rheumatology, Supplement, 1986, 61, 135-8.	0.2	1
568	Epiglottitis as a manifestation of acute HIV infection. Journal of Acquired Immune Deficiency Syndromes, 1994, 7, 1210-1.	1.0	1
569	Natural killer cell activity during head-up tilt-induced central hypovolemia in humans. Aviation, Space, and Environmental Medicine, 1993, 64, 1128-32.	0.6	1
570	Breaking Prolonged Sitting With Different Physical Activity Protocols And Metabolic Risk. Medicine and Science in Sports and Exercise, 2016, 48, 78.	0.2	0
571	Pre-training levels of testosterone and sex hormone-binding globulin are not correlated with training adaptations in fat mass and insulin sensitivity in healthy young men. Endocrine, 2016, 52, 660-663.	1.1	0
572	Intensive Lifestyle Intervention for Type 2 Diabetesâ€”Reply. JAMA - Journal of the American Medical Association, 2017, 318, 2494.	3.8	0
573	HSP, Exercise, and Antioxidants. Heat Shock Proteins, 2010, , 243-252.	0.2	0
574	Low volume high intensity training improves insulin sensitivity but reduces aerobic power in trained middle-aged runners. FASEB Journal, 2013, 27, 1132.6.	0.2	0
575	Myokines and Metabolism. , 2015, , 1-18.		0
576	Immune changes during whole body hot water immersion: the role of growth hormone. Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology, 1997, 4, P117-8.	0.0	0

#	ARTICLE	IF	CITATIONS
577	Amino acid metabolism and protein turnover in lean and obese humans during exercise – effect of IL-6 receptor blockade. Journal of Clinical Endocrinology and Metabolism, 2022, , .	1.8	0