

Bente Klarlund Pedersen

List of Publications by Citations

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568
papers

55,625
citations

117
h-index

218
g-index

640
ext. papers

62,592
ext. citations

5.4
avg, IF

8.13
L-index

#	Paper	IF	Citations
568	The anti-inflammatory effect of exercise. <i>Journal of Applied Physiology</i> , 2005 , 98, 1154-62	3.7	1873
567	Gut microbiota in human adults with type 2 diabetes differs from non-diabetic adults. <i>PLoS ONE</i> , 2010 , 5, e9085	3.7	1768
566	IL-6 mediates hypoferrremia of inflammation by inducing the synthesis of the iron regulatory hormone hepcidin. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1271-1276	15.9	1563
565	Muscles, exercise and obesity: skeletal muscle as a secretory organ. <i>Nature Reviews Endocrinology</i> , 2012 , 8, 457-65	15.2	1503
564	Exercise as medicine - evidence for prescribing exercise as therapy in 26 different chronic diseases. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 3, 1-72	4.6	1338
563	Muscle as an endocrine organ: focus on muscle-derived interleukin-6. <i>Physiological Reviews</i> , 2008 , 88, 1379-406	47.9	1325
562	Exercise and the immune system: regulation, integration, and adaptation. <i>Physiological Reviews</i> , 2000 , 80, 1055-81	47.9	1014
561	Evidence for prescribing exercise as therapy in chronic disease. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006 , 16 Suppl 1, 3-63	4.6	814
560	Position statement. Part one: Immune function and exercise. <i>Exercise Immunology Review</i> , 2011 , 17, 6-638.6		757
559	IL-6 enhances plasma IL-1ra, IL-10, and cortisol in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E433-7	6	673
558	Production of interleukin-6 in contracting human skeletal muscles can account for the exercise-induced increase in plasma interleukin-6. <i>Journal of Physiology</i> , 2000 , 529 Pt 1, 237-42	3.9	635
557	Muscle-derived interleukin-6: mechanisms for activation and possible biological roles. <i>FASEB Journal</i> , 2002 , 16, 1335-47	0.9	631
556	Pro- and anti-inflammatory cytokine balance in strenuous exercise in humans. <i>Journal of Physiology</i> , 1999 , 515 (Pt 1), 287-91	3.9	629
555	Interleukin-6 increases insulin-stimulated glucose disposal in humans and glucose uptake and fatty acid oxidation in vitro via AMP-activated protein kinase. <i>Diabetes</i> , 2006 , 55, 2688-97	0.9	573
554	Evidence for a release of brain-derived neurotrophic factor from the brain during exercise. <i>Experimental Physiology</i> , 2009 , 94, 1062-9	2.4	559
553	Exercise and IL-6 infusion inhibit endotoxin-induced TNF-alpha production in humans. <i>FASEB Journal</i> , 2003 , 17, 884-6	0.9	519
552	Aging and proinflammatory cytokines. <i>Current Opinion in Hematology</i> , 2001 , 8, 131-6	3.3	507

551	Role of myokines in exercise and metabolism. <i>Journal of Applied Physiology</i> , 2007 , 103, 1093-8	3.7	495
550	Interleukin-6 stimulates lipolysis and fat oxidation in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3005-10	5.6	491
549	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. <i>Diabetologia</i> , 2007 , 50, 431-8	10.3	463
548	Evidence that interleukin-6 is produced in human skeletal muscle during prolonged running. <i>Journal of Physiology</i> , 1998 , 508 (Pt 3), 949-53	3.9	449
547	Tumor necrosis factor-alpha induces skeletal muscle insulin resistance in healthy human subjects via inhibition of Akt substrate 160 phosphorylation. <i>Diabetes</i> , 2005 , 54, 2939-45	0.9	429
546	Age-related inflammatory cytokines and disease. <i>Immunology and Allergy Clinics of North America</i> , 2003 , 23, 15-39	3.3	419
545	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, 1409-18	10.3	414
544	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	24.6	410
543	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution. <i>Cell Metabolism</i> , 2016 , 23, 554-62	24.6	405
542	Muscles and their myokines. <i>Journal of Experimental Biology</i> , 2011 , 214, 337-46	3	404
541	The diseasome of physical inactivity--and the role of myokines in muscle--fat cross talk. <i>Journal of Physiology</i> , 2009 , 587, 5559-68	3.9	400
540	Exercise and the immune system: a model of the stress response?. <i>Trends in Immunology</i> , 1994 , 15, 382-7		389
539	Interleukin-6 myokine signaling in skeletal muscle: a double-edged sword?. <i>FEBS Journal</i> , 2013 , 280, 4131-48	5.7	388
538	Muscle-derived interleukin-6: possible biological effects. <i>Journal of Physiology</i> , 2001 , 536, 329-37	3.9	356
537	A high plasma concentration of TNF-alpha is associated with dementia in centenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1999 , 54, M357-64	6.4	335
536	Transcriptional activation of the IL-6 gene in human contracting skeletal muscle: influence of muscle glycogen content. <i>FASEB Journal</i> , 2001 , 15, 2748-50	0.9	334
535	Searching for the exercise factor: is IL-6 a candidate?. <i>Journal of Muscle Research and Cell Motility</i> , 2003 , 24, 113-9	3.5	313
534	Muscle as a secretory organ. <i>Comprehensive Physiology</i> , 2013 , 3, 1337-62	7.7	307

533	Interleukin-6 production in contracting human skeletal muscle is influenced by pre-exercise muscle glycogen content. <i>Journal of Physiology</i> , 2001 , 537, 633-9	3.9	304
532	Exercise as a mean to control low-grade systemic inflammation. <i>Mediators of Inflammation</i> , 2008 , 2008, 109502	4.3	301
531	Interleukin-6 is a novel factor mediating glucose homeostasis during skeletal muscle contraction. <i>Diabetes</i> , 2004 , 53, 1643-8	0.9	300
530	IL-6 and TNF-alpha expression in, and release from, contracting human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E1272-8	6	276
529	Exercise-induced increase in serum interleukin-6 in humans is related to muscle damage. <i>Journal of Physiology</i> , 1997 , 499 (Pt 3), 833-41	3.9	275
528	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, 2962-76	0.9	271
527	Anti-inflammatory effects of exercise: role in diabetes and cardiovascular disease. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 600-611	4.6	268
526	A trauma-like elevation of plasma cytokines in humans in response to treadmill running. <i>Journal of Physiology</i> , 1998 , 513 (Pt 3), 889-94	3.9	257
525	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010 , 108, 1487-96	3.7	252
524	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	5.6	252
523	Contraction-induced myokine production and release: is skeletal muscle an endocrine organ?. <i>Exercise and Sport Sciences Reviews</i> , 2005 , 33, 114-9	6.7	251
522	Ageing, tumour necrosis factor-alpha (TNF-alpha) and atherosclerosis. <i>Clinical and Experimental Immunology</i> , 2000 , 121, 255-60	6.2	249
521	Exercise as an anti-inflammatory therapy for rheumatic diseases-myokine regulation. <i>Nature Reviews Rheumatology</i> , 2015 , 11, 86-97	8.1	245
520	BDNF is a novel marker of cognitive function in ageing women: the DRMEXTRA Study. <i>Neurobiology of Learning and Memory</i> , 2008 , 90, 596-603	3.1	237
519	Exercise and immune function. Recent developments. <i>Sports Medicine</i> , 1999 , 27, 73-80	10.6	234
518	Effects of Lactobacillus acidophilus NCFM on insulin sensitivity and the systemic inflammatory response in human subjects. <i>British Journal of Nutrition</i> , 2010 , 104, 1831-8	3.6	231
517	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. <i>American Journal of Medicine</i> , 2003 , 115, 278-83	2.4	230
516	Physical activity and plasma interleukin-6 in humans--effect of intensity of exercise. <i>European Journal of Applied Physiology</i> , 2000 , 83, 512-5	3.4	230

515	Exercise, nutrition and immune function. <i>Journal of Sports Sciences</i> , 2004 , 22, 115-25	3.6	228
514	The role of exercise-induced myokines in muscle homeostasis and the defense against chronic diseases. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 520258		227
513	Exercise-induced myokines and their role in chronic diseases. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 811-6	16.6	223
512	AMPK activity is diminished in tissues of IL-6 knockout mice: the effect of exercise. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 449-54	3.4	223
511	Beneficial health effects of exercise--the role of IL-6 as a myokine. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 152-6	13.2	222
510	Dynamics of the skeletal muscle secretome during myoblast differentiation. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 2482-96	7.6	214
509	Effects of exercise on lymphocytes and cytokines. <i>British Journal of Sports Medicine</i> , 2000 , 34, 246-51	10.3	213
508	The effects of free-living interval-walking training on glycemic control, body composition, and physical fitness in type 2 diabetic patients: a randomized, controlled trial. <i>Diabetes Care</i> , 2013 , 36, 228-36	14.6	208
507	The anti-inflammatory effect of exercise: its role in diabetes and cardiovascular disease control. <i>Essays in Biochemistry</i> , 2006 , 42, 105-17	7.6	208
506	Muscle specific microRNAs are regulated by endurance exercise in human skeletal muscle. <i>Journal of Physiology</i> , 2010 , 588, 4029-37	3.9	206
505	Human endotoxemia as a model of systemic inflammation. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1697-705	4.5	205
504	Physical activity and muscle-brain crosstalk. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 383-392	15.2	202
503	Metabolic responses to reduced daily steps in healthy nonexercising men. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 1261-3	27.4	199
502	A 2-wk reduction of ambulatory activity attenuates peripheral insulin sensitivity. <i>Journal of Applied Physiology</i> , 2010 , 108, 1034-40	3.7	198
501	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	6.2	198
500	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, E155-62	6	197
499	Molecular Mechanisms Linking Exercise to Cancer Prevention and Treatment. <i>Cell Metabolism</i> , 2018 , 27, 10-21	24.6	196
498	Skeletal muscle adaptation: training twice every second day vs. training once daily. <i>Journal of Applied Physiology</i> , 2005 , 98, 93-9	3.7	196

497	The miRNA plasma signature in response to acute aerobic exercise and endurance training. <i>PLoS ONE</i> , 2014 , 9, e87308	3.7	190
496	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	14.4	188
495	Muscle contractions induce interleukin-6 mRNA production in rat skeletal muscles. <i>Journal of Physiology</i> , 2000 , 528 Pt 1, 157-63	3.9	185
494	Supplementation with vitamins C and E inhibits the release of interleukin-6 from contracting human skeletal muscle. <i>Journal of Physiology</i> , 2004 , 558, 633-45	3.9	179
493	The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 263-7	2.9	178
492	The cytokine response to strenuous exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998 , 76, 505-511	2.4	176
491	NK cell response to physical activity: possible mechanisms of action. <i>Medicine and Science in Sports and Exercise</i> , 1994 , 26, 140-6	1.2	174
490	Special feature for the Olympics: effects of exercise on the immune system: exercise and cytokines. <i>Immunology and Cell Biology</i> , 2000 , 78, 532-5	5	173
489	Evidence that the effect of physical exercise on NK cell activity is mediated by epinephrine. <i>Journal of Applied Physiology</i> , 1991 , 70, 2530-4	3.7	173
488	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	2.2	166
487	Role of exercise-induced brain-derived neurotrophic factor production in the regulation of energy homeostasis in mammals. <i>Experimental Physiology</i> , 2009 , 94, 1153-60	2.4	165
486	Expression of interleukin-15 in human skeletal muscle effect of exercise and muscle fibre type composition. <i>Journal of Physiology</i> , 2007 , 584, 305-12	3.9	164
485	Influence of pre-exercise muscle glycogen content on exercise-induced transcriptional regulation of metabolic genes. <i>Journal of Physiology</i> , 2002 , 541, 261-71	3.9	164
484	Edward F. Adolph distinguished lecture: muscle as an endocrine organ: IL-6 and other myokines. <i>Journal of Applied Physiology</i> , 2009 , 107, 1006-14	3.7	163
483	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, 93-7	3.7	157
482	Fibroblast growth factor-21 is induced in human skeletal muscles by hyperinsulinemia. <i>Diabetes</i> , 2009 , 58, 2797-801	0.9	156
481	Defective natural immunity: an early manifestation of human immunodeficiency virus infection. <i>Journal of Experimental Medicine</i> , 1995 , 182, 789-99	16.6	151
480	Muscle-derived interleukin-6: lipolytic, anti-inflammatory and immune regulatory effects. <i>Pflugers Archiv European Journal of Physiology</i> , 2003 , 446, 9-16	4.6	147

479	Low-dose endotoxemia and human neuropsychological functions. <i>Brain, Behavior, and Immunity</i> , 2005 , 19, 453-60	16.6	146
478	Fat-specific protein 27 regulates storage of triacylglycerol. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14355-65	5.4	145
477	Exercise-induced muscle-derived cytokines inhibit mammary cancer cell growth. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E504-10	6	144
476	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, 4486-93	5.6	142
475	Muscle-derived interleukin-6--a possible link between skeletal muscle, adipose tissue, liver, and brain. <i>Brain, Behavior, and Immunity</i> , 2005 , 19, 371-6	16.6	141
474	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	3.9	139
473	Muscle-Organ Crosstalk: The Emerging Roles of Myokines. <i>Endocrine Reviews</i> , 2020 , 41,	27.2	138
472	Cytokine response to eccentric exercise in young and elderly humans. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 283, C289-95	5.4	138
471	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 Suppl 2, S48-54	0.9	137
470	Exercise induces hepatosplanchnic release of heat shock protein 72 in humans. <i>Journal of Physiology</i> , 2002 , 544, 957-62	3.9	136
469	Glucose ingestion attenuates interleukin-6 release from contracting skeletal muscle in humans. <i>Journal of Physiology</i> , 2003 , 549, 607-12	3.9	136
468	Physiological roles of muscle-derived interleukin-6 in response to exercise. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007 , 10, 265-71	3.8	135
467	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	24.6	132
466	IL-6 selectively stimulates fat metabolism in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E832-40	6	130
465	Sarcopenia and Postoperative Complication Risk in Gastrointestinal Surgical Oncology: A Meta-analysis. <i>Annals of Surgery</i> , 2018 , 268, 58-69	7.8	129
464	Point: Interleukin-6 does have a beneficial role in insulin sensitivity and glucose homeostasis. <i>Journal of Applied Physiology</i> , 2007 , 102, 814-6	3.7	129
463	Interleukin-6 release from the human brain during prolonged exercise. <i>Journal of Physiology</i> , 2002 , 542, 991-5	3.9	129
462	Strenuous exercise decreases the percentage of type 1 T cells in the circulation. <i>Journal of Applied Physiology</i> , 2001 , 91, 1708-12	3.7	129

461	Antioxidant supplementation does not alter endurance training adaptation. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1388-95	1.2	128
460	The biological roles of exercise-induced cytokines: IL-6, IL-8, and IL-15. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 833-9	3	128
459	Elderly humans show prolonged in vivo inflammatory activity during pneumococcal infections. <i>Journal of Infectious Diseases</i> , 1999 , 180, 551-4	7	128
458	Exercise and interleukin-6. <i>Current Opinion in Hematology</i> , 2001 , 8, 137-41	3.3	127
457	IL-6 signalling in exercise and disease. <i>Biochemical Society Transactions</i> , 2007 , 35, 1295-7	5.1	124
456	Exercise and type 2 diabetes: focus on metabolism and inflammation. <i>Immunology and Cell Biology</i> , 2016 , 94, 146-50	5	123
455	Exercise induces a marked increase in plasma follistatin: evidence that follistatin is a contraction-induced hepatokine. <i>Endocrinology</i> , 2011 , 152, 164-71	4.8	122
454	Reduced glycogen availability is associated with an elevation in HSP72 in contracting human skeletal muscle. <i>Journal of Physiology</i> , 2002 , 538, 911-7	3.9	121
453	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> , 2007 , 17, 580-7	4.6	119
452	The role of IL-6 in mediating the anti-inflammatory effects of exercise. <i>Journal of Physiology and Pharmacology</i> , 2006 , 57 Suppl 10, 43-51	2.1	119
451	Skeletal muscle action of estrogen receptor β s critical for the maintenance of mitochondrial function and metabolic homeostasis in females. <i>Science Translational Medicine</i> , 2016 , 8, 334ra54	17.5	117
450	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, 1290-6	3.8	114
449	Effect of exercise, training, and glycogen availability on IL-6 receptor expression in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2005 , 99, 2075-9	3.7	114
448	Ageing is associated with a prolonged fever response in human endotoxemia. <i>Vaccine Journal</i> , 2001 , 8, 333-8		114
447	Impaired production of proinflammatory cytokines in response to lipopolysaccharide (LPS) stimulation in elderly humans. <i>Clinical and Experimental Immunology</i> , 1999 , 118, 235-41	6.2	114
446	Plasma YKL-40: a BMI-independent marker of type 2 diabetes. <i>Diabetes</i> , 2008 , 57, 3078-82	0.9	113
445	Muscular interleukin-6 and its role as an energy sensor. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 392-6	1.2	112
444	Associations between insulin resistance and TNF-alpha in plasma, skeletal muscle and adipose tissue in humans with and without type 2 diabetes. <i>Diabetologia</i> , 2007 , 50, 2562-71	10.3	110

443	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, E843-8	6	110
442	Insulin stimulates interleukin-6 and tumor necrosis factor-alpha gene expression in human subcutaneous adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E234-8	6	110
441	Immunohistochemical detection of interleukin-6 in human skeletal muscle fibers following exercise. <i>FASEB Journal</i> , 2003 , 17, 2166-8	0.9	110
440	Is ageing associated with a shift in the balance between Type 1 and Type 2 cytokines in humans?. <i>Clinical and Experimental Immunology</i> , 2002 , 127, 107-14	6.2	109
439	Modulation of natural killer cell activity in peripheral blood by physical exercise. <i>Scandinavian Journal of Immunology</i> , 1988 , 27, 673-8	3.4	107
438	Influence of TNF-alpha and IL-6 infusions on insulin sensitivity and expression of IL-18 in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E108-14	6	106
437	Endurance training reduces the contraction-induced interleukin-6 mRNA expression in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E1189-94	6	105
436	Effect of vitamin supplementation on cytokine response and on muscle damage after strenuous exercise. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1570-5	5.4	104
435	Production of beta-chemokines in human immunodeficiency virus (HIV) infection: evidence that high levels of macrophage inflammatory protein-1beta are associated with a decreased risk of HIV disease progression. <i>Journal of Infectious Diseases</i> , 1998 , 177, 331-6	7	102
434	Hypoxemia increases serum interleukin-6 in humans. <i>European Journal of Applied Physiology</i> , 1997 , 76, 480-2	3.4	101
433	Effect of physical exercise on blood mononuclear cell subpopulations and in vitro proliferative responses. <i>Scandinavian Journal of Immunology</i> , 1989 , 29, 383-9	3.4	101
432	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, 3860-9	5.6	100
431	Plasma interleukin-6 during strenuous exercise: role of epinephrine. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C1001-4	5.4	100
430	ROS and myokines promote muscle adaptation to exercise. <i>Trends in Endocrinology and Metabolism</i> , 2009 , 20, 95-9	8.8	97
429	Exercise induces interleukin-8 expression in human skeletal muscle. <i>Journal of Physiology</i> , 2005 , 563, 507-16	3.9	97
428	Bimodal effect on pancreatic B-cells of secretory products from normal or insulin-resistant human skeletal muscle. <i>Diabetes</i> , 2011 , 60, 1111-21	0.9	96
427	Interleukin-6 production by contracting human skeletal muscle: autocrine regulation by IL-6. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 550-4	3.4	96
426	Chemokines are elevated in plasma after strenuous exercise in humans. <i>European Journal of Applied Physiology</i> , 2001 , 84, 244-5	3.4	96

425	Human T cell responses induced by vaccination with Mycobacterium bovis bacillus Calmette-Guérin. <i>Journal of Immunology</i> , 1997 , 158, 1949-55	5.3	96
424	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, 631-8	3.9	95
423	Exercise-induced immunomodulation--possible roles of neuroendocrine and metabolic factors. <i>International Journal of Sports Medicine</i> , 1997 , 18 Suppl 1, S2-7	3.6	94
422	LIF is a contraction-induced myokine stimulating human myocyte proliferation. <i>Journal of Applied Physiology</i> , 2011 , 111, 251-9	3.7	93
421	Body composition is the main determinant for the difference in type 2 diabetes pathophysiology between Japanese and Caucasians. <i>Diabetes Care</i> , 2014 , 37, 796-804	14.6	92
420	Effect of hyperglycemia and hyperinsulinemia on the response of IL-6, TNF-alpha, and FFAs to low-dose endotoxemia in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E766-72	6	92
419	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 637-646	27.4	89
418	Cholinergic status modulations in human volunteers under acute inflammation. <i>Journal of Molecular Medicine</i> , 2007 , 85, 1239-51	5.5	89
417	Insulin resistance in patients with rheumatoid arthritis: effect of anti-TNFalpha therapy. <i>Scandinavian Journal of Rheumatology</i> , 2007 , 36, 91-6	1.9	89
416	Elevated plasma interleukin-18 is a marker of insulin-resistance in type 2 diabetic and non-diabetic humans. <i>Clinical Immunology</i> , 2005 , 117, 152-60	9	89
415	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, 2810-9	0.9	86
414	Fiber type specific expression of TNF-alpha, IL-6 and IL-18 in human skeletal muscles. <i>Exercise Immunology Review</i> , 2005 , 11, 53-63	8.6	86
413	Exercise normalises overexpression of TNF-alpha in knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 179-82	3.4	85
412	Exercise induces expression of leukaemia inhibitory factor in human skeletal muscle. <i>Journal of Physiology</i> , 2008 , 586, 2195-201	3.9	84
411	Indomethacin 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, 127-31	3.6	84
410	How physical exercise influences the establishment of infections. <i>Sports Medicine</i> , 1995 , 19, 393-400	10.6	83
409	Glucagon-to-insulin ratio is pivotal for splanchnic regulation of FGF-21 in humans. <i>Molecular Metabolism</i> , 2015 , 4, 551-60	8.8	82
408	Calprotectin--a novel marker of obesity. <i>PLoS ONE</i> , 2009 , 4, e7419	3.7	82

407	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	10.6	81
406	The Bipolar Illness Onset study: research protocol for the BIO cohort study. <i>BMJ Open</i> , 2017 , 7, e0154623		81
405	Rhinitis and asthma in athletes: an ARIA document in collaboration with GA2LEN. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006 , 61, 681-92	9.3	81
404	Prevalence and prognostic significance of infection with TT virus in patients infected with human immunodeficiency virus. <i>Journal of Infectious Diseases</i> , 2000 , 181, 1796-9	7	81
403	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, 275-82	3.6	81
402	Muscle strength after resistance training is inversely correlated with baseline levels of soluble tumor necrosis factor receptors in the oldest old. <i>Journal of the American Geriatrics Society</i> , 2004 , 52, 237-41	5.6	80
401	Prolonged exercise, lymphocyte apoptosis and F2-isoprostanes. <i>European Journal of Applied Physiology</i> , 2002 , 87, 38-42	3.4	80
400	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	4.6	80
399	Effect of 8 wk of bicycle training on the immune system of patients with rheumatoid arthritis. <i>Journal of Applied Physiology</i> , 1993 , 75, 1691-5	3.7	80
398	In vivo cell-mediated immunity and vaccination response following prolonged, intense exercise. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1176-81	1.2	80
397	IL-6 gene expression in human adipose tissue in response to exercise--effect of carbohydrate ingestion. <i>Journal of Physiology</i> , 2003 , 550, 927-31	3.9	79
396	Decreased natural killer cell activity is associated with atherosclerosis in elderly humans. <i>Experimental Gerontology</i> , 2001 , 37, 127-36	4.5	79
395	Influence of physical activity on the cellular immune system: mechanisms of action. <i>International Journal of Sports Medicine</i> , 1991 , 12 Suppl 1, S23-9	3.6	79
394	N-3 polyunsaturated fatty acids do not affect cytokine response to strenuous exercise. <i>Journal of Applied Physiology</i> , 2000 , 89, 2401-6	3.7	78
393	Natural killer cell activity in peripheral blood of highly trained and untrained persons. <i>International Journal of Sports Medicine</i> , 1989 , 10, 129-31	3.6	78
392	Soluble CD163: a biomarker linking macrophages and insulin resistance. <i>Diabetologia</i> , 2012 , 55, 1856-62	10.3	77
391	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, 2851-8	5.6	76
390	Effect of physical exercise on in vitro production of interleukin 1, interleukin 6, tumour necrosis factor-alpha, interleukin 2 and interferon-gamma. <i>International Journal of Sports Medicine</i> , 1991 , 12, 223-7	3.6	76

389	Exercise-Induced Catecholamines Activate the Hippo Tumor Suppressor Pathway to Reduce Risks of Breast Cancer Development. <i>Cancer Research</i> , 2017 , 77, 4894-4904	10.1	75
388	Increased cerebral output of free radicals during hypoxia: implications for acute mountain sickness?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R1283-92	3.2	75
387	Erythropoietin over-expression protects against diet-induced obesity in mice through increased fat oxidation in muscles. <i>PLoS ONE</i> , 2009 , 4, e5894	3.7	73
386	Effects of in vivo hyperthermia on natural killer cell activity, in vitro proliferative responses and blood mononuclear cell subpopulations. <i>Clinical and Experimental Immunology</i> , 1991 , 84, 175-80	6.2	73
385	Tumor necrosis factor-alpha modulates human in vivo lipolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 543-9	5.6	73
384	RBP-to-retinol ratio, but not total RBP, is elevated in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2009 , 11, 204-12	6.7	71
383	Changes in insulin sensitivity precede changes in body composition during 14 days of step reduction combined with overfeeding in healthy young men. <i>Journal of Applied Physiology</i> , 2012 , 113, 7-15	3.7	70
382	Elevated levels of IL-18 in plasma and skeletal muscle in chronic obstructive pulmonary disease. <i>Lung</i> , 2007 , 185, 161-71	2.9	70
381	Vitamin E isoform-specific inhibition of the exercise-induced heat shock protein 72 expression in humans. <i>Journal of Applied Physiology</i> , 2006 , 100, 1679-87	3.7	70
380	Plasma and muscle myostatin in relation to type 2 diabetes. <i>PLoS ONE</i> , 2012 , 7, e37236	3.7	70
379	Recovery of the immune system after exercise. <i>Acta Physiologica Scandinavica</i> , 1998 , 162, 325-32		69
378	Altered regulation of the PINK1 locus: a link between type 2 diabetes and neurodegeneration?. <i>FASEB Journal</i> , 2007 , 21, 3653-65	0.9	69
377	Interleukin-6 release from human skeletal muscle during exercise: relation to AMPK activity. <i>Journal of Applied Physiology</i> , 2003 , 95, 2273-7	3.7	69
376	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, 100-4	3.6	68
375	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	3.7	68
374	The cytokine response to strenuous exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998 , 76, 505-11	2.4	67
373	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, 390-6	4	67
372	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , 2018 , 28, 159-174.e11	24.6	67

371	TGF- β is an exercise-induced adipokine that regulates glucose and fatty acid metabolism. <i>Nature Metabolism</i> , 2019 , 1, 291-303	14.6	66
370	The effect on glycaemic control of low-volume high-intensity interval training versus endurance training in individuals with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1131-1139	6.7	66
369	IL-6, but not TNF- α increases plasma YKL-40 in human subjects. <i>Cytokine</i> , 2011 , 55, 152-5	4	66
368	Exercise induces interleukin-8 receptor (CXCR2) expression in human skeletal muscle. <i>Experimental Physiology</i> , 2007 , 92, 233-40	2.4	66
367	Association between fatigue and failure to preserve cerebral energy turnover during prolonged exercise. <i>Acta Physiologica Scandinavica</i> , 2003 , 179, 67-74		66
366	Exercise-Induced Secretion of FGF21 and Follistatin Are Blocked by Pancreatic Clamp and Impaired in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2816-25	5.6	66
365	Ethnic differences in insulin sensitivity, β cell function, and hepatic extraction between Japanese and Caucasians: a minimal model analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 4273-80	5.6	65
364	Skeletal muscle as an immunogenic organ. <i>Current Opinion in Pharmacology</i> , 2008 , 8, 346-51	5.1	65
363	Leukocyte counts and lymphocyte responsiveness associated with repeated bouts of strenuous endurance exercise. <i>Journal of Applied Physiology</i> , 2001 , 91, 425-34	3.7	65
362	Skeletal muscle as a gene regulatory endocrine organ. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 270-5	3.8	65
361	Cytokines in aging and exercise. <i>International Journal of Sports Medicine</i> , 2000 , 21 Suppl 1, S4-9	3.6	64
360	Endurance training enhances skeletal muscle interleukin-15 in human male subjects. <i>Endocrine</i> , 2014 , 45, 271-8	4	63
359	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, E371-9	6	63
358	Influence of in vivo hypobaric hypoxia on function of lymphocytes, neutrocytes, natural killer cells, and cytokines. <i>Journal of Applied Physiology</i> , 1993 , 74, 1100-6	3.7	63
357	Nitric oxide production is a proximal signaling event controlling exercise-induced mRNA expression in human skeletal muscle. <i>FASEB Journal</i> , 2007 , 21, 2683-94	0.9	62
356	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, 5019-25	3.7	62
355	Ten questions about systems biology. <i>Journal of Physiology</i> , 2011 , 589, 1017-30	3.9	61
354	Effect of antioxidant supplementation on insulin sensitivity in response to endurance exercise training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E761-70	6	61

353	Differential regulation of IL-6 and TNF-alpha via calcineurin in human skeletal muscle cells. <i>Cytokine</i> , 2006 , 36, 141-7	4	61
352	Circulating Follistatin Is Liver-Derived and Regulated by the Glucagon-to-Insulin Ratio. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 550-60	5.6	61
351	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , 2015 , 58, 1845-54	10.3	59
350	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, 1331-41	7	59
349	The relative prognostic value of plasma HIV RNA levels and CD4 lymphocyte counts in advanced HIV infection. <i>Aids</i> , 1998 , 12, 1639-43	3.5	59
348	The immune system during exposure to extreme physiologic conditions. <i>International Journal of Sports Medicine</i> , 1994 , 15 Suppl 3, S116-21	3.6	59
347	Clinical progression of HIV infection: role of NK cells. <i>Scandinavian Journal of Immunology</i> , 1997 , 46, 91-53.4		58
346	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, 2547-53	3.7	58
345	Inhibition of human lymphocyte proliferation and cleavage of interleukin-2 by <i>Pseudomonas aeruginosa</i> proteases. <i>Infection and Immunity</i> , 1988 , 56, 1673-7	3.7	58
344	Interleukin-18 activates skeletal muscle AMPK and reduces weight gain and insulin resistance in mice. <i>Diabetes</i> , 2013 , 62, 3064-74	0.9	57
343	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	4.6	57
342	Hepatosplanchnic clearance of interleukin-6 in humans during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E397-402	6	57
341	Exercise-induced immunodepression- plasma glutamine is not the link. <i>Journal of Applied Physiology</i> , 2002 , 93, 813-22	3.7	57
340	Brain-derived neurotrophic factor predicts mortality risk in older women. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1447-52	5.6	56
339	Oral glucose ingestion attenuates exercise-induced activation of 5MAMP-activated protein kinase in human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 949-55	3.4	56
338	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, 348-57	7	56
337	Exercise and hypoxia: effects on leukocytes and interleukin-6-shared mechanisms?. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 2004-13	1.2	56
336	Inhibition of human natural killer cell activity by <i>Pseudomonas aeruginosa</i> alkaline protease and elastase. <i>Infection and Immunity</i> , 1987 , 55, 986-9	3.7	56

335	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	24.6	55
334	Menopause is associated with decreased whole body fat oxidation during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E1227-36	6	55
333	Human models of low-grade inflammation: bolus versus continuous infusion of endotoxin. <i>Vaccine Journal</i> , 2007 , 14, 250-5		54
332	Long-term combined supplementations with alpha-tocopherol and vitamin C have no detectable anti-inflammatory effects in healthy men. <i>Journal of Nutrition</i> , 2003 , 133, 1170-3	4.1	54
331	Effect of glutamine supplementation on exercise-induced changes in lymphocyte function. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C1259-65	5.4	54
330	Heterogeneity in the perirenal region of humans suggests presence of dormant brown adipose tissue that contains brown fat precursor cells. <i>Molecular Metabolism</i> , 2019 , 24, 30-43	8.8	53
329	Interleukin-6 Delays Gastric Emptying in Humans with Direct Effects on Glycemic Control. <i>Cell Metabolism</i> , 2018 , 27, 1201-1211.e3	24.6	53
328	Lymphocyte proliferation in response to exercise. <i>European Journal of Applied Physiology</i> , 1997 , 75, 375-9.4	3.4	53
327	Interleukin-6 receptor expression in contracting human skeletal muscle: regulating role of IL-6. <i>FASEB Journal</i> , 2005 , 19, 1181-3	0.9	53
326	Effects of elevated plasma noradrenaline concentration on the immune system in humans. <i>European Journal of Applied Physiology</i> , 1998 , 79, 93-8	3.4	52
325	Physical Activity and Exercise Therapy Benefit More Than Just Symptoms and Impairments in People With Hip and Knee Osteoarthritis. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018 , 48, 439-447	4.2	51
324	Increased neuroendocrine response to a repeated bout of endurance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 568-75	1.2	51
323	Effect of glutamine and protein supplementation on exercise-induced decreases in salivary IgA. <i>Journal of Applied Physiology</i> , 2001 , 91, 832-8	3.7	51
322	Effects of glutamine on the immune system: influence of muscular exercise and HIV infection. <i>Journal of Applied Physiology</i> , 1995 , 79, 146-50	3.7	51
321	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, 167-74	6.6	50
320	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, 2081-93	10.3	50
319	Exercise regulates breast cancer cell viability: systemic training adaptations versus acute exercise responses. <i>Breast Cancer Research and Treatment</i> , 2016 , 159, 469-79	4.4	50
318	Leukaemia inhibitory factor--an exercise-induced myokine. <i>Exercise Immunology Review</i> , 2010 , 16, 77-85	8.6	50

317	Prognostic impact of hs-CRP and IL-6 in patients with persistent atrial fibrillation treated with electrical cardioversion. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 425-32	2	49
316	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 (1999)</i> , 2005 , 39, 23-31	3.1	49
315	The Physiology of Optimizing Health with a Focus on Exercise as Medicine. <i>Annual Review of Physiology</i> , 2019 , 81, 607-627	23.1	49
314	The importance of brown adipose tissue. <i>New England Journal of Medicine</i> , 2009 , 361, 415-6; author reply 418-21	59.2	48
313	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, H1028-34	5.3	48
312	Muscle glycogen content and glucose uptake during exercise in humans: influence of prior exercise and dietary manipulation. <i>Journal of Physiology</i> , 2002 , 541, 273-81	3.9	48
311	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, 95-8	3.4	48
310	Can you exercise to make your immune system fitter?. <i>Trends in Immunology</i> , 1996 , 17, 252-4		48
309	Exercise induces recruitment of lymphocytes with an activated phenotype and short telomeres in young and elderly humans. <i>Life Sciences</i> , 1999 , 65, 2623-33	6.8	47
308	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, 3334-42	5.6	46
307	Is interleukin-6 receptor blockade the Holy Grail for inflammatory diseases?. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 87, 396-8	6.1	46
306	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , 2012 , 112, 990-1000	3.7	46
305	Residual viraemia in HIV-1-infected patients with plasma viral load . <i>Scandinavian Journal of Immunology</i> , 2008 , 68, 652-60	3.4	46
304	Circulating YKL-40 levels during human endotoxaemia. <i>Clinical and Experimental Immunology</i> , 2005 , 140, 343-8	6.2	46
303	Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. <i>PLoS ONE</i> , 2018 , 13, e0194991	3.7	46
302	Competitive sustained exercise in humans, lymphokine activated killer cell activity, and glutamine--an intervention study. <i>European Journal of Applied Physiology</i> , 1998 , 78, 448-53	3.4	45
301	Visfatin mRNA expression in human subcutaneous adipose tissue is regulated by exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E24-31	6	45
300	Effects of an acute bolus growth hormone infusion on the human immune system. <i>Hormone and Metabolic Research</i> , 1993 , 25, 579-85	3.1	45

299	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	3.7	44
298	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, 260-6	6.2	44
297	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, 363-73	10.3	43
296	Exercise-induced liver chemokine CXCL-1 expression is linked to muscle-derived interleukin-6 expression. <i>Journal of Physiology</i> , 2011 , 589, 1409-20	3.9	43
295	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, E831-40	6	43
294	Natural killer cell response to exercise in humans: effect of hypoxia and epidural anesthesia. <i>Journal of Applied Physiology</i> , 1995 , 78, 709-16	3.7	43
293	Low fitness is associated with abdominal adiposity and low-grade inflammation independent of BMI. <i>PLoS ONE</i> , 2018 , 13, e0190645	3.7	42
292	The IL-6 -174G>C polymorphism is associated with cardiovascular diseases and mortality in 80-year-old humans. <i>Experimental Gerontology</i> , 2004 , 39, 255-61	4.5	42
291	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	5.6	41
290	Glucagon like peptide-1-induced glucose metabolism in differentiated human muscle satellite cells is attenuated by hyperglycemia. <i>PLoS ONE</i> , 2012 , 7, e44284	3.7	41
289	Calprotectin is released from human skeletal muscle tissue during exercise. <i>Journal of Physiology</i> , 2008 , 586, 3551-62	3.9	41
288	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, H1759-63	5.2	41
287	Circulating adiponectin levels during human endotoxaemia. <i>Clinical and Experimental Immunology</i> , 2003 , 134, 107-10	6.2	41
286	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> , 2014 , 47, 199-211	5	40
285	Type 2 diabetes mellitus is associated with impaired cytokine response and adhesion molecule expression in human endotoxemia. <i>Intensive Care Medicine</i> , 2010 , 36, 1548-55	14.5	40
284	Low production of interferon gamma 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, 1039-46	1.6	40
283	Prolonged submaximal eccentric exercise is associated with increased levels of plasma IL-6. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997 , 273, E85-91	6	40
282	PGC-1beta 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, 1536-42	3.7	40

281	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, 337-42	3.1	40
280	Effect of diet and plasma fatty acid composition on immune status in elderly men. <i>American Journal of Clinical Nutrition</i> , 1994 , 59, 572-7	7	40
279	Examining the effects of hyperglycemia on pancreatic endocrine function in humans: evidence for in vivo glucotoxicity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 4682-91	5.6	39
278	Lymphocyte, NK and LAK cell responses to maximal exercise. <i>International Journal of Sports Medicine</i> , 1996 , 17, 60-5	3.6	39
277	Increased losses of CD4+CD45RA+ cells in late stages of HIV infection is related to increased risk of death: evidence from a cohort of 347 HIV-infected individuals. <i>Aids</i> , 1997 , 11, 1479-85	3.5	39
276	Skeletal muscle mitochondrial function and exercise capacity in HIV-infected patients with lipodystrophy and elevated p-lactate levels. <i>Aids</i> , 2002 , 16, 973-82	3.5	39
275	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, 856-62	1.2	39
274	Impaired leptin gene expression and release in cultured preadipocytes isolated from individuals born with low birth weight. <i>Diabetes</i> , 2014 , 63, 111-21	0.9	38
273	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, 463-72	7.5	38
272	Human skeletal muscle releases leptin in vivo. <i>Cytokine</i> , 2012 , 60, 667-73	4	38
271	Cerebrospinal fluid IL-6, HSP72, and TNF-alpha in exercising humans. <i>Brain, Behavior, and Immunity</i> , 2006 , 20, 585-9	16.6	38
270	Low plasma level of adiponectin is associated with stavudine treatment and lipodystrophy in HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2004 , 135, 273-9	6.2	38
269	Prognostic impact of hs-CRP and IL-6 in patients undergoing radiofrequency catheter ablation for atrial fibrillation. <i>Scandinavian Cardiovascular Journal</i> , 2009 , 43, 285-91	2	37
268	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, 1000-7	10.3	37
267	Glutamine supplementation further enhances exercise-induced plasma IL-6. <i>Journal of Applied Physiology</i> , 2003 , 95, 145-8	3.7	37
266	IL-6 activates HSP72 gene expression in human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 1264-6	3.4	37
265	TNF-alpha, leptin, and lymphocyte function in human aging. <i>Life Sciences</i> , 2000 , 67, 2721-31	6.8	37
264	Ramadan model of intermittent fasting for 28'd had no major effect on body composition, glucose metabolism, or cognitive functions in healthy lean men. <i>Nutrition</i> , 2017 , 37, 92-103	4.8	36

263	Natural immunity and HIV disease progression. <i>Aids</i> , 1999 , 13, 557-63	3.5	36
262	Immune Function and Phenotype Before and After Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 1999 , 21, 376	3.1	36
261	Normal physical activity obliterates the deleterious effects of a high-caloric intake. <i>Journal of Applied Physiology</i> , 2014 , 116, 231-9	3.7	35
260	Quantitative analysis of the secretion of the MCP family of chemokines by muscle cells. <i>Molecular BioSystems</i> , 2011 , 7, 311-21		35
259	The role of inflammation in vascular insulin resistance with focus on IL-6. <i>Hormone and Metabolic Research</i> , 2008 , 40, 635-9	3.1	35
258	Adipose tissue lipin expression levels distinguish HIV patients with and without lipodystrophy. <i>International Journal of Obesity</i> , 2007 , 31, 449-56	5.5	35
257	Reduced mortality and CD4 cell loss among carriers of the interleukin-10 -1082G allele in a Zimbabwean cohort of HIV-1-infected adults. <i>Aids</i> , 2007 , 21, 2283-91	3.5	35
256	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, 1805-12	3.7	35
255	Lymphocytes and NK cell activity during repeated bouts of maximal exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1996 , 271, R222-7	3.2	35
254	Characterization of the in vitro effects of glucocorticosteroids on NK cell activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986 , 41, 220-4	9.3	35
253	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , 2017 , 15, 39	11.4	34
252	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, E769-78	6	34
251	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E1105-16	6	34
250	The mRNA expression profile of metabolic genes relative to MHC isoform pattern in human skeletal muscles. <i>Journal of Applied Physiology</i> , 2006 , 101, 817-25	3.7	34
249	The tumor necrosis factor alpha -308G>A polymorphism is associated with dementia in the oldest old. <i>Journal of the American Geriatrics Society</i> , 2004 , 52, 1361-6	5.6	34
248	The CSF and arterial to internal jugular venous hormonal differences during exercise in humans. <i>Experimental Physiology</i> , 2004 , 89, 271-7	2.4	34
247	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	7.8	34
246	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	3.7	33

245	TNF-alpha, but not IL-6, stimulates plasminogen activator inhibitor-1 expression in human subcutaneous adipose tissue. <i>Journal of Applied Physiology</i> , 2005 , 98, 2019-23	3.7	33
244	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	2.6	32
243	Over-expression of Follistatin-like 3 attenuates fat accumulation and improves insulin sensitivity in mice. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 283-95	12.7	32
242	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, 773-81	3.7	32
241	Cerebral output of cytokines in patients with pneumococcal meningitis. <i>Critical Care Medicine</i> , 2005 , 33, 979-83	1.4	32
240	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, 175-87	5.6	31
239	Exercise and the immune system--influence of nutrition and ageing. <i>Journal of Science and Medicine in Sport</i> , 1999 , 2, 234-52	4.4	31
238	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	10.3	30
237	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, 165-74	2.8	30
236	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, 433-40	6.2	30
235	Natural killer cells in relation to disease and treatment. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1985 , 40, 547-57	9.3	30
234	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, E283-92	6	29
233	Glucose ingestion during endurance training does not alter adaptation. <i>Journal of Applied Physiology</i> , 2009 , 106, 1771-9	3.7	29
232	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> , 2007 , 1, 163-166	4.6	29
231	Impaired production of cytokines is an independent predictor of mortality in HIV-1-infected patients. <i>Aids</i> , 2003 , 17, 521-30	3.5	29
230	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, 645-8	3.7	29
229	Angiopietin-like protein 4 is an exercise-induced hepatokine in humans, regulated by glucagon and cAMP. <i>Molecular Metabolism</i> , 2017 , 6, 1286-1295	8.8	28
228	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, 526-33	6.2	28

227	Voluntary exercise prevents cisplatin-induced muscle wasting during chemotherapy in mice. <i>PLoS ONE</i> , 2014 , 9, e109030	3.7	27
226	Genetic priming of a proinflammatory profile predicts low IQ in octogenarians. <i>Neurobiology of Aging</i> , 2009 , 30, 769-81	5.6	27
225	Common studied polymorphisms do not affect plasma cytokine levels upon endotoxin exposure in humans. <i>Clinical and Experimental Immunology</i> , 2008 , 152, 147-52	6.2	27
224	High plasma level of interleukin-18 in HIV-infected subjects with lipodystrophy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 588-93	3.1	27
223	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, 1148-52	7	27
222	Effect of ranitidine on postoperative suppression of natural killer cell activity and delayed hypersensitivity. <i>Acta Chirurgica Scandinavica</i> , 1989 , 155, 377-82		27
221	Interleukin 2 augmentation of the defective natural killer cell activity in patients with primary Sjögren's syndrome. <i>Clinical and Experimental Immunology</i> , 1986 , 63, 1-7	6.2	27
220	Targeting Inflammation Through a Physical Active Lifestyle and Pharmaceuticals for the Treatment of Type 2 Diabetes. <i>Current Diabetes Reports</i> , 2015 , 15, 82	5.6	26
219	A muscular twist on the fate of fat. <i>New England Journal of Medicine</i> , 2012 , 366, 1544-5	59.2	25
218	Endurance training improves insulin sensitivity and body composition in prostate cancer patients treated with androgen deprivation therapy. <i>Endocrine-Related Cancer</i> , 2013 , 20, 621-32	5.7	25
217	Effects of eccentric cycling exercise on IGF-I splice variant expression in the muscles of young and elderly people. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008 , 18, 447-52	4.6	25
216	Exercise-induced metallothionein expression in human skeletal muscle fibres. <i>Experimental Physiology</i> , 2005 , 90, 477-86	2.4	25
215	Recovery time affects immunoendocrine responses to a second bout of endurance exercise. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 283, C1612-20	5.4	25
214	Methylprednisolone pulse therapy in acute severe asthma. A randomized, double-blind study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1990 , 45, 224-30	9.3	25
213	Chronic fatigue syndrome--a controlled cross sectional study. <i>Journal of Rheumatology</i> , 1994 , 21, 1527-34.	34.1	25
212	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. <i>International Journal of COPD</i> , 2016 , 11, 2659-2669	3	25
211	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	6	25
210	Does the aging skeletal muscle maintain its endocrine function?. <i>Exercise Immunology Review</i> , 2004 , 10, 42-55	8.6	25

209	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. <i>Nature Metabolism</i> , 2020 , 2, 397-412	14.6	24
208	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	3.9	24
207	Acute moderate elevation of TNF-alpha does not affect systemic and skeletal muscle protein turnover in healthy humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 294-9	5.6	24
206	Transcerebral exchange kinetics of nitrite and calcitonin gene-related peptide in acute mountain sickness: evidence against trigeminovascular activation?. <i>Stroke</i> , 2009 , 40, 2205-8	6.7	24
205	Type 2 diabetes and obesity induce similar transcriptional reprogramming in human myocytes. <i>Genome Medicine</i> , 2017 , 9, 47	14.4	23
204	Muscle-specific expression of hypoxia-inducible factor in human skeletal muscle. <i>Experimental Physiology</i> , 2010 , 95, 899-907	2.4	23
203	The effect of glutamine infusion on the inflammatory response and HSP70 during human experimental endotoxaemia. <i>Critical Care</i> , 2009 , 13, R7	10.8	23
202	Erythropoietin augments the cytokine response to acute endotoxin-induced inflammation in humans. <i>Cytokine</i> , 2009 , 45, 154-7	4	23
201	A comparison of ex vivo cytokine production in venous and capillary blood. <i>Clinical and Experimental Immunology</i> , 2007 , 150, 469-76	6.2	23
200	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, 557-64	4.6	23
199	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, 693-9	4.5	23
198	Adipose tissue expression of IL-18 and HIV-associated lipodystrophy. <i>Aids</i> , 2004 , 18, 1956-8	3.5	23
197	Training and natural immunity: effects of diets rich in fat or carbohydrate. <i>European Journal of Applied Physiology</i> , 2000 , 82, 98-102	3.4	23
196	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021 , 12, 1041	17.4	23
195	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	8.8	22
194	Exercise and health – Emerging roles of IL-6. <i>Current Opinion in Physiology</i> , 2019 , 10, 49-54	2.6	22
193	A randomized controlled trial on a multicomponent intervention for overweight school-aged children - Copenhagen, Denmark. <i>BMC Pediatrics</i> , 2014 , 14, 273	2.6	22
192	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	3.4	22

191	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, E2-7	6	22
190	Beta-endorphin and the immune system--possible role in autoimmune diseases. <i>Autoimmunity</i> , 1995 , 21, 161-71	3	22
189	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		22
188	Immunity in athletes. <i>Journal of Sports Medicine and Physical Fitness</i> , 1996 , 36, 236-45	1.4	22
187	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	5.4	21
186	Muscle specific miRNAs are induced by testosterone and independently upregulated by age. <i>Frontiers in Physiology</i> , 2013 , 4, 394	4.6	21
185	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	3.7	21
184	Epinephrine-induced mobilization of natural killer (NK) cells and NK-like T cells in HIV-infected patients. <i>Cellular Immunology</i> , 1999 , 197, 91-8	4.4	21
183	Effect of eccentric exercise on natural killer cell activity. <i>Journal of Applied Physiology</i> , 1995 , 78, 1442-6	3.7	21
182	Inhibition of natural killer cell activity by antigen-antibody complexes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986 , 41, 568-74	9.3	21
181	Selective modulation of the CD4 molecular complex by <i>Pseudomonas aeruginosa</i> alkaline protease and elastase. <i>Scandinavian Journal of Immunology</i> , 1987 , 26, 91-4	3.4	21
180	Muscle-Organ Crosstalk: Focus on Immunometabolism. <i>Frontiers in Physiology</i> , 2020 , 11, 567881	4.6	21
179	Intermittent Standing but not a Moderate Exercise Bout Reduces Postprandial Glycemia. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2305-2314	1.2	20
178	Determining pancreatic Ecell compensation for changing insulin sensitivity using an oral glucose tolerance test. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E822-9	6	20
177	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, 1020-6	7.3	20
176	Cerebral net exchange of large neutral amino acids after lipopolysaccharide infusion in healthy humans. <i>Critical Care</i> , 2010 , 14, R16	10.8	20
175	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	6.2	20
174	Ectopic Lipid Deposition Is Associated With Insulin Resistance in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3394-3404	5.6	20

173	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, 1533-44	7	19
172	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, 272-81	2	19
171	Inhibition of lipolysis stimulates peripheral glucose uptake but has no effect on endogenous glucose production in HIV lipodystrophy. <i>Diabetes</i> , 2007 , 56, 2070-7	0.9	19
170	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, 1726-34	7	19
169	Glucose ingestion blunts hormone-sensitive lipase activity in contracting human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E144-50	6	19
168	Proliferative and cytotoxic capabilities of CD16+CD56- and CD16+/-CD56+ natural killer cells. <i>Apmis</i> , 2000 , 108, 831-7	3.4	19
167	In vitro effects of human growth hormone on the proliferative responses and cytokine production of blood mononuclear cells. <i>Hormone and Metabolic Research</i> , 1994 , 26, 612-4	3.1	19
166	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, 286-9	9.3	19
165	Mechanisms of B-lymphocyte suppression induced by acute physical exercise. <i>Journal of Clinical & Laboratory Immunology</i> , 1989 , 30, 169-73		19
164	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020 , 63, 362-373	10.3	19
163	Muscle-to-fat interaction: a two-way street?. <i>Journal of Physiology</i> , 2010 , 588, 21	3.9	18
162	The response on glucoregulatory hormones of in vivo whole body hyperthermia. <i>International Journal of Hyperthermia</i> , 1997 , 13, 413-21	3.7	18
161	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	3.7	18
160	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	3.2	18
159	Physical activity is associated with retained muscle metabolism in human myotubes challenged with palmitate. <i>Journal of Physiology</i> , 2013 , 591, 4621-35	3.9	17
158	Epinephrine infusion increases adipose interleukin-6 gene expression and systemic levels in humans. <i>Journal of Applied Physiology</i> , 2004 , 97, 1309-12	3.7	17
157	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, 493-9		17
156	Exercise and immune function: effect of ageing and nutrition. <i>Proceedings of the Nutrition Society</i> , 1999 , 58, 733-42	2.9	17

155	Restricted pulmonary diffusion capacity after exercise is not an ARDS-like injury. <i>Journal of Sports Sciences</i> , 1995 , 13, 109-13	3.6	17
154	Modulation of the counts and functions of neutrophils and monocytes under in vivo hyperthermia conditions. <i>International Journal of Hyperthermia</i> , 1994 , 10, 165-73	3.7	17
153	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, 172-5	3.6	17
152	Exerkines in health, resilience and disease.. <i>Nature Reviews Endocrinology</i> , 2022 ,	15.2	17
151	Fetal Hyperglycemia Changes Human Preadipocyte Function in Adult Life. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1141-1150	5.6	16
150	Persistent low-grade inflammation and regular exercise. <i>Frontiers in Bioscience - Scholar</i> , 2010 , 2, 96-105	2.4	16
149	Glucose ingestion during endurance training in men attenuates expression of myokine receptor. <i>Experimental Physiology</i> , 2009 , 94, 1124-31	2.4	16
148	Adrenergic beta 1- and beta 1 + 2-receptor blockade suppress the natural killer cell response to head-up tilt in humans. <i>Journal of Applied Physiology</i> , 1997 , 83, 1492-8	3.7	16
147	Splenectomy impairs lymphocytosis during maximal exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997 , 272, R1847-52	3.2	16
146	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	3.4	16
145	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, 477-81	9.3	16
144	Bambuterol: effects of a new anti-asthmatic drug. <i>European Journal of Clinical Pharmacology</i> , 1985 , 29, 425-7	2.8	16
143	Cerebral Blood Flow and Oxidative Metabolism During Human Endotoxemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 1262-1270	7.3	16
142	Aerobic Exercise Induces Cardiac Fat Loss and Alters Cardiac Muscle Mass Through an Interleukin-6 Receptor-Dependent Mechanism: Cardiac Analysis of a Double-Blind Randomized Controlled Clinical Trial in Abdominally Obese Humans. <i>Circulation</i> , 2019 , 140, 1684-1686	16.7	16
141	Angiogenin and Osteoprotegerin are type II muscle specific myokines protecting pancreatic beta-cells against proinflammatory cytokines. <i>Scientific Reports</i> , 2018 , 8, 10072	4.9	16
140	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	3.2	15
139	Type 2 diabetes remission 1 year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2257-2266	6.7	15
138	Physical activity enhances metabolic fitness independently of cardiorespiratory fitness in marathon runners. <i>Disease Markers</i> , 2015 , 2015, 806418	3.2	15

137	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 , 65, 225-35	6.4	15
136	The natural killer cell response to exercise in spinal cord injured individuals. <i>European Journal of Applied Physiology</i> , 1998 , 79, 106-9	3.4	15
135	Elevated plasma urokinase receptor predicts low birth weight in maternal malaria. <i>Parasite Immunology</i> , 2007 , 29, 37-46	2.2	15
134	Hypotension during endotoxemia in aged humans. <i>European Journal of Anaesthesiology</i> , 2001 , 18, 572-5	2.3	15
133	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, 371-6		15
132	Increased circulating levels of interleukin-6 in HIV-seropositive subjects. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996 , 13, 93-4		15
131	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	3.7	14
130	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	7.5	14
129	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, 1316-25	12.7	14
128	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	2.8	14
127	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	3	14
126	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	3.6	14
125	The acute effects of low-dose TNF- α on glucose metabolism and Ecell function in humans. <i>Mediators of Inflammation</i> , 2014 , 2014, 295478	4.3	14
124	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, 478-86	3.4	14
123	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	4.6	14
122	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, 256-60	3.6	14
121	Adrenaline-induced mobilization of T cells in HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2000 , 119, 115-22	6.2	14
120	Nutrition, exercise and the immune system. <i>Proceedings of the Nutrition Society</i> , 1998 , 57, 43-7	2.9	14

119	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, 532-6	9.3	14
118	Strategies to enhance immune function for marathon runners : what can be done?. <i>Sports Medicine</i> , 2007 , 37, 416-9	10.6	13
117	Exercise and cytokines 2000 , 78, 532		13
116	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	2.4	13
115	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	4.6	13
114	Exercise and browning of white adipose tissue - a translational perspective. <i>Current Opinion in Pharmacology</i> , 2020 , 52, 18-24	5.1	12
113	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	3.7	12
112	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	4.9	12
111	Somatostatin attenuates the hyperthermia induced increase in neutrophil concentration. <i>European Journal of Applied Physiology</i> , 1998 , 77, 149-56	3.4	12
110	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, 3135-45	0.9	12
109	Inhibition of human natural killer cell activity by Legionella pneumophila protease. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1989 , 8, 989-92	5.3	12
108	Down-regulation of natural killer cell activity by autologous polymorphonuclear leucocytes. Role of indomethacin. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1988 , 43, 17-23	9.3	12
107	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. <i>Clinical Epidemiology</i> , 2016 , 8, 201-9	5.9	12
106	Alpha adrenergic receptor blockade increases capillarization and fractional O extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , 2017 , 221, 32-43	5.6	11
105	Immunological changes in human immunodeficiency virus (HIV)-infected individuals during HIV-specific protease inhibitor treatment. <i>Scandinavian Journal of Immunology</i> , 1999 , 49, 539-47	3.4	11
104	Effects of chloroquine, mefloquine and quinine on natural killer cell activity in vitro. An analysis of the inhibitory mechanism. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1986 , 41, 537-42	9.3	11
103	Cell-mediated immunity to Plasmodium falciparum infection: evidence against the involvement of cytotoxic lymphocytes. <i>Scandinavian Journal of Immunology</i> , 1988 , 28, 105-11	3.4	11
102	Impaired release of natural killer cytotoxic factor in patients with primary Sjögren's syndrome. <i>Clinical and Experimental Immunology</i> , 1988 , 72, 299-302	6.2	11

101	Depressed natural killer cell activity in acute myocardial infarction. <i>Clinical and Experimental Immunology</i> , 1987 , 70, 209-16	6.2	11
100	Daily marathon running for a week--the biochemical and body compositional effects of participation. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 2927-33	3.2	10
99	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, 485-92	3.4	10
98	Lack of IL-6 production during exercise in patients with mitochondrial myopathy. <i>European Journal of Applied Physiology</i> , 2001 , 84, 155-7	3.4	10
97	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, 168-75	3.4	10
96	Cytokine production ex vivo: effect of raised body temperature. <i>International Journal of Hyperthermia</i> , 1995 , 11, 329-35	3.7	10
95	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , 2019 , 9, 8169	4.9	9
94	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, 156-62	3.2	9
93	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, 21-6	5.9	9
92	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	2.5	9
91	Activated T lymphocytes disappear from circulation during endotoxemia in humans. <i>Vaccine Journal</i> , 2002 , 9, 731-5		9
90	Pentoxifylline therapy in HIV seropositive subjects with elevated TNF. <i>Immunopharmacology</i> , 1995 , 31, 85-91		9
89	Methylprednisolone pulse therapy in severe acute asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1987 , 42, 154-7	9.3	9
88	Enhancement of human natural cytotoxicity by Plasmodium falciparum antigen activated lymphocytes. <i>Acta Tropica</i> , 1987 , 44, 415-22	3.2	9
87	Impaired Follistatin Secretion in Cirrhosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3395-400	5.6	8
86	Obesity and low-grade inflammation increase plasma follistatin-like 3 in humans. <i>Mediators of Inflammation</i> , 2014 , 2014, 364209	4.3	8
85	A state of acquired IL-10 deficiency in 0.4% of Danish blood donors. <i>Cytokine</i> , 2010 , 51, 286-93	4	8
84	Anti-inflammation--just another word for anti-ageing?. <i>Journal of Physiology</i> , 2009 , 587, 5515	3.9	8

83	Decreased short-term production of tumor necrosis factor-alpha and interleukin-1beta in human immunodeficiency virus-seropositive subjects. <i>Journal of Infectious Diseases</i> , 1997 , 175, 1507-10	7	8
82	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, 347-56	3.4	8
81	Influence of minor increases in plasma catecholamines on natural killer cell activity. <i>Hormone Research in Paediatrics</i> , 1998 , 49, 22-6	3.3	8
80	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	3.7	8
79	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	6.4	8
78	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	3	7
77	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	3.2	7
76	Effects of acute exercise on pancreatic endocrine function in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 207-10	6.7	7
75	The effect of 8 days of strict bed rest on the incretin effect in healthy volunteers. <i>Journal of Applied Physiology</i> , 2016 , 120, 608-14	3.7	7
74	Effects of erythropoietin on body composition and fat-glucose metabolism in patients with affective disorders. <i>Acta Neuropsychiatrica</i> , 2018 , 30, 342-349	3.9	7
73	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 (1999)</i> , 2014 , 66, e52-4	3.1	7
72	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	10.3	7
71	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , 2017 , 123, 624-631	3.7	7
70	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, 107-14		7
69	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, 641-9	3.4	7
68	Increase in natural killer cell activity during diethylcarbamazine treatment of patients with filariasis. <i>Acta Tropica</i> , 1987 , 44, 353-5	3.2	7
67	Mycobacterium avium 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, 433-41		7
66	Thermogenic genes are blunted whereas brown adipose tissue identity is preserved in human obesity		7

65	Metabolic and Transcriptional Changes in Cultured Muscle Stem Cells from Low Birth Weight Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2254-64	5.6	7
64	Effect of 6 wk 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> , 2018 , 314, H616-H626	5.2	6
63	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	1.8	6
62	Muscle 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	5.2	6
61	Insulin signaling in skeletal muscle of HIV-infected patients in response to endurance and strength training. <i>Physiological Reports</i> , 2013 , 1, e00060	2.6	6
60	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, 449-55	2	6
59	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. Reply to Lambert GW et al (letter). <i>Diabetologia</i> , 2007 , 50, 2029-2030	10.3	6
58	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	1.9	6
57	Exercise and interleukin-6 action. <i>Expert Review of Endocrinology and Metabolism</i> , 2006 , 1, 319-321	4.1	6
56	Proliferation and telomere length in acutely mobilized blood mononuclear cells in HIV infected patients. <i>Clinical and Experimental Immunology</i> , 2002 , 127, 499-506	6.2	6
55	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, 616-9		6
54	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , 2021 , 64, 397-409	10.3	6
53	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	10.3	6
52	Glutamine, exercise, and the immune system--is there a link?. <i>Exercise Immunology Review</i> , 1998 , 4, 49-63	6.6	6
51	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	3.6	5
50	Female sex hormones are necessary for the metabolic effects mediated by loss of Interleukin 18 signaling. <i>Molecular Metabolism</i> , 2018 , 12, 89-97	8.8	5
49	Acute reduction of lipolysis reduces adiponectin and IL-18: evidence from an intervention study with acipimox and insulin. <i>Diabetologia</i> , 2013 , 56, 2034-43	10.3	5
48	Immunological effects of a hyperinsulinaemic euglycaemic insulin clamp in healthy males. <i>Scandinavian Journal of Immunology</i> , 1998 , 47, 363-8	3.4	5

47	Suppressed natural killer cell activity in patients with euthyroid GravesOphthalmopathy. <i>Autoimmunity</i> , 1989 , 2, 291-8	3	5
46	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, 396-8	9.3	5
45	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	2.2	5
44	Effects of exercise on the immune system in the elderly population 2000 , 78, 523		5
43	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	3	4
42	Exercise-Mediated Lowering of Glutamine Availability Suppresses Tumor Growth and Attenuates Muscle Wasting. <i>IScience</i> , 2020 , 23, 100978	6.1	4
41	Methylprednisolone pulse therapy induced fall in natural killer cell activity in rheumatoid arthritis. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section C, Immunology</i> , 1984 , 92, 319-23		4
40	Influence of Naloxone on the cellular immune response to head-up tilt in humans. <i>European Journal of Applied Physiology</i> , 1997 , 76, 415-20	3.4	4
39	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, R1227-31	3.2	4
38	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, 573-6	9.3	4
37	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, 5305-11	3.7	4
36	Who would have thought - myokines two decades on. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 619-620	15.2	4
35	Physical Exercise in Chronic Diseases 2019 , 217-266		4
34	Myokines and Metabolism 2016 , 541-554		3
33	Effects of lipopolysaccharide infusion on arterial levels and transcerebral exchange kinetics of glutamate and glycine in healthy humans. <i>Apmis</i> , 2012 , 120, 761-6	3.4	3
32	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,	3	3
31	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 , 92, 221-5		3
30	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, 223-7	3.4	3

29	Effects of isoniazid treatment on human lymphocyte proliferative response, lymphocyte subsets and natural killer cell activity. <i>Immunopharmacology</i> , 1995 , 30, 247-53		3
28	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	2.2	3
27	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	2.2	3
26	The immune system and serum glutamine during a triathlon. <i>European Journal of Applied Physiology</i> , 1996 , 74, 428-434	3.4	3
25	Exercise-Induced Changes in Visceral Adipose Tissue Mass are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>SSRN Electronic Journal</i> ,	1	3
24	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, 613-8	3.2	3
23	Voluntary wheel running can lead to modulation of immune checkpoint molecule expression. <i>Acta Oncologica</i> , 2020 , 59, 1447-1454	3.2	3
22	Baseline and interferon-enhanced natural killer cell activity in rheumatoid arthritis. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section C, Immunology</i> , 1985 , 93, 79-84		2
21	Sudden cardiac death in Swedish orienteers--a mystery solved?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2001 , 11, 259	4.6	2
20	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. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 287-93	1.6	2
19	Influence of elevated body temperature on circulating immunoglobulin-secreting cells. <i>International Journal of Hyperthermia</i> , 1994 , 10, 653-8	3.7	2
18	An Unusual Case of Multiple Malignancy in an Adult. <i>Tumori</i> , 1984 , 70, 575-577	1.7	2
17	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	18	2
16	Natural Immunity [Effect of Exercise. <i>NeuroImmune Biology</i> , 2005 , 5, 263-288		1
15	Effects of subcutaneous IL-2 therapy on telomere lengths in PBMC in HIV-infected patients. <i>Scandinavian Journal of Immunology</i> , 2001 , 53, 315-9	3.4	1
14	Physical Activity, Obesity and Weight Loss Maintenance.. <i>Handbook of Experimental Pharmacology</i> , 2022 , 1	3.2	1
13	Modulation of natural killer cell activity in patients with immune-inflammatory diseases. <i>Danish Medical Bulletin</i> , 1988 , 35, 315-22		1
12	Natural killer cell activity during head-up tilt-induced central hypovolemia in humans. <i>Aviation, Space, and Environmental Medicine</i> , 1993 , 64, 1128-32		1

11	A long-non-coding RNA, LINC00473, confers the human adipose tissue thermogenic phenotype through enhanced cAMP responsiveness		1
10	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	2.8	1
9	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	5.7	1
8	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. <i>Endocrine</i> , 2016 , 52, 660-3	4	
7	Intensive Lifestyle Intervention for Type 2 Diabetes-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2494-2495	27.4	
6	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. <i>BMJ Open</i> , 2021 , 11, e048281	3	
5	Myokines and Metabolism 2015 , 1-18		
4	HSP, Exercise, and Antioxidants. <i>Heat Shock Proteins</i> , 2010 , 243-252	0.2	
3	Low volume high intensity training improves insulin sensitivity but reduces aerobic power in trained middle-aged runners. <i>FASEB Journal</i> , 2013 , 27, 1132.6	0.9	
2	Immune changes during whole body hot water immersion: the role of growth hormone. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 1997 , 4, P117-8		
1	Exercise suppresses tumor growth independent of high fat food intake and associated immune dysfunction.. <i>Scientific Reports</i> , 2022 , 12, 5476	4.9	