

# Bente Klarlund Pedersen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Physical Activity, Obesity and Weight Loss Maintenance.. <i>Handbook of Experimental Pharmacology</i> , <b>2022</b> , 1	3.2	1
567	Exerkines in health, resilience and disease.. <i>Nature Reviews Endocrinology</i> , <b>2022</b> ,	15.2	17
566	Exercise suppresses tumor growth independent of high fat food intake and associated immune dysfunction.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5476	4.9	
565	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> , <b>2021</b> , 11, e048281	3	
564	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , <b>2021</b> , 64, 397-409	10.3	6
563	The effects of different doses of exercise on pancreatic $\beta$ 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> , <b>2021</b> , 22, 244	2.8	1
562	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , <b>2021</b> , 12, 1041	17.4	23
561	The Effect of Metformin on Self-Selected Exercise Intensity in Healthy, Lean Males: A Randomized, Crossover, Counterbalanced Trial. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 599164	5.7	1
560	Blocking endogenous IL-6 impairs mobilization of free fatty acids during rest and exercise in lean and obese men. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100396	18	2
559	Muscle-Organ Crosstalk: The Emerging Roles of Myokines. <i>Endocrine Reviews</i> , <b>2020</b> , 41,	27.2	138
558	Exercise and browning of white adipose tissue - a translational perspective. <i>Current Opinion in Pharmacology</i> , <b>2020</b> , 52, 18-24	5.1	12
557	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. <i>Nature Metabolism</i> , <b>2020</b> , 2, 397-412	14.6	24
556	Exercise-Mediated Lowering of Glutamine Availability Suppresses Tumor Growth and Attenuates Muscle Wasting. <i>IScience</i> , <b>2020</b> , 23, 100978	6.1	4
555	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> , <b>2020</b> , 95, 488-503	6.4	8
554	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , <b>2020</b> , 63, 362-373	10.3	19
553	Who would have thought - myokines two decades on. <i>Nature Reviews Endocrinology</i> , <b>2020</b> , 16, 619-620	15.2	4
552	Muscle-Organ Crosstalk: Focus on Immunometabolism. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 567881	4.6	21

551	Voluntary wheel running can lead to modulation of immune checkpoint molecule expression. <i>Acta Oncologica</i> , <b>2020</b> , 59, 1447-1454	3.2	3
550	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> , <b>2020</b> , 63, 2410-2422	10.3	6
549	Metabolic profile in patients with newly diagnosed bipolar disorder and their unaffected first-degree relatives. <i>International Journal of Bipolar Disorders</i> , <b>2019</b> , 7, 8	5.4	21
548	Exercise-mediated improvement of depression in patients with gastro-esophageal junction cancer is linked to kynurenine metabolism. <i>Acta Oncologica</i> , <b>2019</b> , 58, 579-587	3.2	15
547	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> , <b>2019</b> , 21, 2257-2266	6.7	15
546	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , <b>2019</b> , 9, 8169	4.9	9
545	Exercise and health Emerging roles of IL-6. <i>Current Opinion in Physiology</i> , <b>2019</b> , 10, 49-54	2.6	22
544	IL-10-specific autoantibodies predict major adverse cardiovascular events in kidney transplanted patients - a retrospective cohort study. <i>Transplant International</i> , <b>2019</b> , 32, 933-948	3	4
543	Heterogeneity in the perirenal region of humans suggests presence of dormant brown adipose tissue that contains brown fat precursor cells. <i>Molecular Metabolism</i> , <b>2019</b> , 24, 30-43	8.8	53
542	Physical activity and muscle-brain crosstalk. <i>Nature Reviews Endocrinology</i> , <b>2019</b> , 15, 383-392	15.2	202
541	TGF- $\beta$ is an exercise-induced adipokine that regulates glucose and fatty acid metabolism. <i>Nature Metabolism</i> , <b>2019</b> , 1, 291-303	14.6	66
540	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Adipokine. <i>Cell Metabolism</i> , <b>2019</b> , 30, 963-975.e7	24.6	55
539	IL-6 release from muscles during exercise is stimulated by lactate-dependent protease activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E940-E947	6	25
538	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> , <b>2019</b> , 140, 1684-1686	16.7	16
537	Exercise-Induced Changes in Visceral Adipose Tissue Mass Are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>Cell Metabolism</i> , <b>2019</b> , 29, 844-855.e3	24.6	132
536	Physical Exercise in Chronic Diseases <b>2019</b> , 217-266		4
535	The Physiology of Optimizing Health with a Focus on Exercise as Medicine. <i>Annual Review of Physiology</i> , <b>2019</b> , 81, 607-627	23.1	49
534	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> , <b>2018</b> , 314, H616-H626	5.2	6

533	Why prescribe exercise as therapy in type 2 diabetes? We have a pill for that!. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2018</b> , 34, e2999	7.5	14
532	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> , <b>2018</b> , 48, 439-447	4.2	51
531	Sarcopenia and Postoperative Complication Risk in Gastrointestinal Surgical Oncology: A Meta-analysis. <i>Annals of Surgery</i> , <b>2018</b> , 268, 58-69	7.8	129
530	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> , <b>2018</b> , 9, 143-150	1.8	6
529	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> , <b>2018</b> , 38, 175-181	3.6	5
528	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> , <b>2018</b> , 20, 1131-1139	6.7	66
527	Interleukin-6 Delays Gastric Emptying in Humans with Direct Effects on Glycemic Control. <i>Cell Metabolism</i> , <b>2018</b> , 27, 1201-1211.e3	24.6	53
526	Female sex hormones are necessary for the metabolic effects mediated by loss of Interleukin 18 signaling. <i>Molecular Metabolism</i> , <b>2018</b> , 12, 89-97	8.8	5
525	Molecular Mechanisms Linking Exercise to Cancer Prevention and Treatment. <i>Cell Metabolism</i> , <b>2018</b> , 27, 10-21	24.6	196
524	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> , <b>2018</b> , 314, H180-H187	5.2	6
523	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> , <b>2018</b> , 19, 266	2.8	14
522	Effects of erythropoietin on body composition and fat-glucose metabolism in patients with affective disorders. <i>Acta Neuropsychiatrica</i> , <b>2018</b> , 30, 342-349	3.9	7
521	Low fitness is associated with abdominal adiposity and low-grade inflammation independent of BMI. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190645	3.7	42
520	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> , <b>2018</b> , 13, e0186755	3.7	8
519	Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194991	3.7	46
518	Ectopic Lipid Deposition Is Associated With Insulin Resistance in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3394-3404	5.6	20
517	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> , <b>2018</b> , 28, 2339-2348	4.6	13
516	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , <b>2018</b> , 28, 159-174.e11	24.6	67

515	Angiogenin and Osteoprotegerin are type II muscle specific myokines protecting pancreatic beta-cells against proinflammatory cytokines. <i>Scientific Reports</i> , <b>2018</b> , 8, 10072	4.9	16
514	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , <b>2017</b> , 15, 39	11.4	34
513	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> , <b>2017</b> , 122, 230-241	3.7	14
512	Alpha adrenergic receptor blockade increases capillarization and fractional O extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , <b>2017</b> , 221, 32-43	5.6	11
511	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> , <b>2017</b> , 7, e014036	3	7
510	Dysregulation of a novel miR-23b/27b-p53 axis impairs muscle stem cell differentiation of humans with type 2 diabetes. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 770-779	8.8	22
509	Fetal Hyperglycemia Changes Human Preadipocyte Function in Adult Life. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1141-1150	5.6	16
508	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> , <b>2017</b> , 37, 92-103	4.8	36
507	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> , <b>2017</b> , 60, 508-517	10.3	30
506	Voluntary Wheel Running Reduces the Acute Inflammatory Response to Liver Carcinogen in a Sex-specific Manner. <i>Cancer Prevention Research</i> , <b>2017</b> , 10, 719-728	3.2	7
505	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> , <b>2017</b> , 60, 2432-2442	10.3	7
504	Exercise-Induced Catecholamines Activate the Hippo Tumor Suppressor Pathway to Reduce Risks of Breast Cancer Development. <i>Cancer Research</i> , <b>2017</b> , 77, 4894-4904	10.1	75
503	Anti-inflammatory effects of exercise: role in diabetes and cardiovascular disease. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 600-611	4.6	268
502	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 624-631	3.7	7
501	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> , <b>2017</b> , 318, 637-646	27.4	89
500	Intermittent Standing but not a Moderate Exercise Bout Reduces Postprandial Glycemia. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2305-2314	1.2	20
499	Angiopietin-like protein 4 is an exercise-induced hepatokine in humans, regulated by glucagon and cAMP. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 1286-1295	8.8	28
498	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> , <b>2017</b> , 24, 1517-1524	3.9	24

497	Type 2 diabetes and obesity induce similar transcriptional reprogramming in human myocytes. <i>Genome Medicine</i> , <b>2017</b> , 9, 47	14.4	23
496	The Bipolar Illness Onset study: research protocol for the BIO cohort study. <i>BMJ Open</i> , <b>2017</b> , 7, e0154623		81
495	Intensive Lifestyle Intervention for Type 2 Diabetes-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 2494-2495	27.4	
494	Liver and Muscle Contribute Differently to the Plasma Acylcarnitine Pool During Fasting and Exercise in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 5044-5052	5.6	41
493	Impaired Follistatin Secretion in Cirrhosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3395-400	5.6	8
492	Skeletal muscle action of estrogen receptor $\beta$ s critical for the maintenance of mitochondrial function and metabolic homeostasis in females. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 334ra54	17.5	117
491	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> , <b>2016</b> , 65, 1316-25	12.7	14
490	The effect of 8 days of strict bed rest on the incretin effect in healthy volunteers. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 608-14	3.7	7
489	Cytokines, brain-derived neurotrophic factor and C-reactive protein in bipolar I disorder - Results from a prospective study. <i>Journal of Affective Disorders</i> , <b>2016</b> , 197, 167-74	6.6	50
488	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution. <i>Cell Metabolism</i> , <b>2016</b> , 23, 554-62	24.6	405
487	Myokines and Metabolism <b>2016</b> , 541-554		3
486	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> , <b>2016</b> , 27, 165-74	2.8	30
485	Exercise and type 2 diabetes: focus on metabolism and inflammation. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 146-50	5	123
484	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> , <b>2016</b> , 52, 660-3	4	
483	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. <i>International Journal of COPD</i> , <b>2016</b> , 11, 2659-2669	3	25
482	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. <i>Clinical Epidemiology</i> , <b>2016</b> , 8, 201-9	5.9	12
481	Metabolic and Transcriptional Changes in Cultured Muscle Stem Cells from Low Birth Weight Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2254-64	5.6	7
480	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> , <b>2016</b> , 8, 31	2.4	13



479	Circulating Follistatin Is Liver-Derived and Regulated by the Glucagon-to-Insulin Ratio. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 550-60	5.6	61
478	Skeletal muscle as a gene regulatory endocrine organ. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2016</b> , 19, 270-5	3.8	65
477	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> , <b>2016</b> , 101, 2816-25	5.6	66
476	Exercise regulates breast cancer cell viability: systemic training adaptations versus acute exercise responses. <i>Breast Cancer Research and Treatment</i> , <b>2016</b> , 159, 469-79	4.4	50
475	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , <b>2015</b> , 58, 1845-54	10.3	59
474	Proteome- and transcriptome-driven reconstruction of the human myocyte metabolic network and its use for identification of markers for diabetes. <i>Cell Reports</i> , <b>2015</b> , 11, 921-933	10.6	81
473	Glucagon-to-insulin ratio is pivotal for splanchnic regulation of FGF-21 in humans. <i>Molecular Metabolism</i> , <b>2015</b> , 4, 551-60	8.8	82
472	Targeting Inflammation Through a Physical Active Lifestyle and Pharmaceuticals for the Treatment of Type 2 Diabetes. <i>Current Diabetes Reports</i> , <b>2015</b> , 15, 82	5.6	26
471	Effects of acute exercise on pancreatic endocrine function in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2015</b> , 17, 207-10	6.7	7
470	Exercise as an anti-inflammatory therapy for rheumatic diseases-myokine regulation. <i>Nature Reviews Rheumatology</i> , <b>2015</b> , 11, 86-97	8.1	245
469	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> , <b>2015</b> , 58, 363-73	10.3	43
468	Exercise as medicine - evidence for prescribing exercise as therapy in 26 different chronic diseases. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25 Suppl 3, 1-72	4.6	1338
467	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> , <b>2015</b> , 5, e009764	3	14
466	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> , <b>2015</b> , 23, 106	3.6	14
465	Physical activity enhances metabolic fitness independently of cardiorespiratory fitness in marathon runners. <i>Disease Markers</i> , <b>2015</b> , 2015, 806418	3.2	15
464	Over-expression of Follistatin-like 3 attenuates fat accumulation and improves insulin sensitivity in mice. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 283-95	12.7	32
463	Myokines and Metabolism <b>2015</b> , 1-18		
462	On the antioxidant properties of erythropoietin and its association with the oxidative-nitrosative stress response to hypoxia in humans. <i>Acta Physiologica</i> , <b>2014</b> , 212, 175-87	5.6	31

461	Normal physical activity obliterates the deleterious effects of a high-caloric intake. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 231-9	3.7	35
460	Impaired leptin gene expression and release in cultured preadipocytes isolated from individuals born with low birth weight. <i>Diabetes</i> , <b>2014</b> , 63, 111-21	0.9	38
459	The immediate effects of a single bout of aerobic exercise on oral glucose tolerance across the glucose tolerance continuum. <i>Physiological Reports</i> , <b>2014</b> , 2, e12114	2.6	32
458	Body composition is the main determinant for the difference in type 2 diabetes pathophysiology between Japanese and Caucasians. <i>Diabetes Care</i> , <b>2014</b> , 37, 796-804	14.6	92
457	Ethnic differences in insulin sensitivity, $\beta$ cell function, and hepatic extraction between Japanese and Caucasians: a minimal model analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 4273-80	5.6	65
456	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> , <b>2014</b> , 57, 2081-93	10.3	50
455	Effect of IL-6 on the insulin sensitivity in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E769-78	6	34
454	Altered DNA methylation and differential expression of genes influencing metabolism and inflammation in adipose tissue from subjects with type 2 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 2962-76	0.9	271
453	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> , <b>2014</b> , 99, 3334-42	5.6	46
452	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> , <b>2014</b> , 47, 199-211	5	40
451	Endurance training enhances skeletal muscle interleukin-15 in human male subjects. <i>Endocrine</i> , <b>2014</b> , 45, 271-8	4	63
450	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> , <b>2014</b> , 66, e52-4	3.1	7
449	The miRNA plasma signature in response to acute aerobic exercise and endurance training. <i>PLoS ONE</i> , <b>2014</b> , 9, e87308	3.7	190
448	Voluntary exercise prevents cisplatin-induced muscle wasting during chemotherapy in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e109030	3.7	27
447	In vitro palmitate treatment of myotubes from postmenopausal women leads to ceramide accumulation, inflammation and affected insulin signaling. <i>PLoS ONE</i> , <b>2014</b> , 9, e101555	3.7	12
446	Obesity and low-grade inflammation increase plasma follistatin-like 3 in humans. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 364209	4.3	8
445	The acute effects of low-dose TNF- $\alpha$ on glucose metabolism and $\beta$ cell function in humans. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 295478	4.3	14
444	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E1105-16	6	34



443	Determining pancreatic $\beta$ cell compensation for changing insulin sensitivity using an oral glucose tolerance test. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E822-9	6	20
442	A randomized controlled trial on a multicomponent intervention for overweight school-aged children - Copenhagen, Denmark. <i>BMC Pediatrics</i> , <b>2014</b> , 14, 273	2.6	22
441	Muscle as a secretory organ. <i>Comprehensive Physiology</i> , <b>2013</b> , 3, 1337-62	7.7	307
440	Acute reduction of lipolysis reduces adiponectin and IL-18: evidence from an intervention study with acipimox and insulin. <i>Diabetologia</i> , <b>2013</b> , 56, 2034-43	10.3	5
439	Interleukin-18 activates skeletal muscle AMPK and reduces weight gain and insulin resistance in mice. <i>Diabetes</i> , <b>2013</b> , 62, 3064-74	0.9	57
438	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> , <b>2013</b> , 29, 463-72	7.5	38
437	Interleukin-6 myokine signaling in skeletal muscle: a double-edged sword?. <i>FEBS Journal</i> , <b>2013</b> , 280, 4131-48	5.48	388
436	Muscle specific miRNAs are induced by testosterone and independently upregulated by age. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 394	4.6	21
435	A classical brown adipose tissue mRNA signature partly overlaps with brite in the supraclavicular region of adult humans. <i>Cell Metabolism</i> , <b>2013</b> , 17, 798-805	24.6	410
434	Physical activity is associated with retained muscle metabolism in human myotubes challenged with palmitate. <i>Journal of Physiology</i> , <b>2013</b> , 591, 4621-35	3.9	17
433	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> , <b>2013</b> , 36, 228-36	14.6	208
432	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> , <b>2013</b> , 3,	3	3
431	Endurance training improves insulin sensitivity and body composition in prostate cancer patients treated with androgen deprivation therapy. <i>Endocrine-Related Cancer</i> , <b>2013</b> , 20, 621-32	5.7	25
430	Menopause is associated with decreased whole body fat oxidation during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1227-36	6	55
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2	Thermogenic genes are blunted whereas brown adipose tissue identity is preserved in human obesity		7
1	A long-non-coding RNA, LINC00473, confers the human adipose tissue thermogenic phenotype through enhanced cAMP responsiveness		1