

Bente Klarlund Pedersen

List of Publications by Year in descending order

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Version: 2024-02-01

577
papers

70,072
citations

588

125
h-index

911

241
g-index

641
all docs

641
docs citations

641
times ranked

55327
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Lifestyle Intervention on Bone Turnover in Persons with Type 2 Diabetes: A Post Hoc Analysis of the U-TURN Trial. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 38-46.	0.4	4
2	Skeletal muscle adaptations to exercise are not influenced by metformin treatment in humans: secondary analyses of 2 randomized, clinical trials. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 309-320.	1.9	8
3	Physical Activity, Obesity and Weight Loss Maintenance. <i>Handbook of Experimental Pharmacology</i> , 2022, , 1.	1.8	2
4	Interleukin 6 as an energy allocator in muscle tissue. <i>Nature Metabolism</i> , 2022, 4, 170-179.	11.9	88
5	Exerkines in health, resilience and disease. <i>Nature Reviews Endocrinology</i> , 2022, 18, 273-289.	9.6	268
6	Exercise suppresses tumor growth independent of high fat food intake and associated immune dysfunction. <i>Scientific Reports</i> , 2022, 12, 5476.	3.3	3
7	Amino acid metabolism and protein turnover in lean and obese humans during exercise – effect of IL-6 receptor blockade. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	3.6	0
8	Effects of an exercise-based lifestyle intervention on systemic markers of oxidative stress and advanced glycation endproducts in persons with type 2 diabetes: Secondary analysis of a randomised clinical trial. <i>Free Radical Biology and Medicine</i> , 2022, 188, 328-336.	2.9	12
9	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021, 12, 1041.	12.8	69
10	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.	3.5	6
11	The effects of different doses of exercise on pancreatic Î²-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.	1.6	7
12	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.	6.5	15
13	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , 2021, 64, 397-409.	6.3	14
14	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.	1.9	2
15	Development of Limb Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: Smoking, Inflammation, or Simply Disuse?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 134-135.	2.9	8
16	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , 2020, 63, 362-373.	6.3	48
17	Who would have thought “ myokines two decades on. <i>Nature Reviews Endocrinology</i> , 2020, 16, 619-620.	9.6	19
18	Muscle-Organ Crosstalk: Focus on Immunometabolism. <i>Frontiers in Physiology</i> , 2020, 11, 567881.	2.8	55

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19	Voluntary wheel running can lead to modulation of immune checkpoint molecule expression. <i>Acta Oncologica</i> , 2020, 59, 1447-1454.	1.8	18
20	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.	6.3	16
21	Muscleâ€“Organ Crosstalk: The Emerging Roles of Myokines. <i>Endocrine Reviews</i> , 2020, 41, 594-609.	20.1	428
22	Exercise and browning of white adipose tissue â€“ a translational perspective. <i>Current Opinion in Pharmacology</i> , 2020, 52, 18-24.	3.5	27
23	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. <i>Nature Metabolism</i> , 2020, 2, 397-412.	11.9	65
24	Exercise-Mediated Lowering of Glutamine Availability Suppresses Tumor Growth and Attenuates Muscle Wasting. <i>IScience</i> , 2020, 23, 100978.	4.1	10
25	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.	3.0	14
26	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.	16.2	109
27	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.	2.2	39
28	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.	1.8	20
29	Type 2 diabetes remission 1â€“year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2257-2266.	4.4	37
30	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , 2019, 9, 8169.	3.3	16
31	Exercise and health â€“ emerging roles of IL-6. <i>Current Opinion in Physiology</i> , 2019, 10, 49-54.	1.8	33
32	IL-10â€“specific autoantibodies predict major adverse cardiovascular events in kidney transplanted patients â€“ a retrospective cohort study. <i>Transplant International</i> , 2019, 32, 933-948.	1.6	7
33	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.	6.5	85
34	Physical activity and muscleâ€“brain crosstalk. <i>Nature Reviews Endocrinology</i> , 2019, 15, 383-392.	9.6	402
35	TGF-Î²2 is an exercise-induced adipokine that regulates glucose and fatty acid metabolism. <i>Nature Metabolism</i> , 2019, 1, 291-303.	11.9	128
36	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.	3.5	48

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37	Aerobic Exercise Induces Cardiac Fat Loss and Alters Cardiac Muscle Mass Through an Interleukin-6 Receptor-Dependent Mechanism. <i>Circulation</i> , 2019, 140, 1684-1686.	1.6	30
38	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.	16.2	228
39	Physical Exercise in Chronic Diseases. , 2019, , 217-266.		4
40	The Physiology of Optimizing Health with a Focus on Exercise as Medicine. <i>Annual Review of Physiology</i> , 2019, 81, 607-627.	13.1	83
41	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.	4.0	20
42	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.	3.5	89
43	Sarcopenia and Postoperative Complication Risk in Gastrointestinal Surgical Oncology. <i>Annals of Surgery</i> , 2018, 268, 58-69.	4.2	232
44	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.	1.1	7
45	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.	2.1	9
46	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.	4.4	122
47	Interleukin-6 Delays Gastric Emptying in Humans with Direct Effects on Glycemic Control. <i>Cell Metabolism</i> , 2018, 27, 1201-1211.e3.	16.2	73
48	Female sex hormones are necessary for the metabolic effects mediated by loss of Interleukin 18 signaling. <i>Molecular Metabolism</i> , 2018, 12, 89-97.	6.5	8
49	Molecular Mechanisms Linking Exercise to Cancer Prevention and Treatment. <i>Cell Metabolism</i> , 2018, 27, 10-21.	16.2	333
50	Muscle β -adrenergic responsiveness during exercise and ATP-induced vasodilation in chronic obstructive pulmonary disease patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H180-H187.	3.2	9
51	Ectopic Lipid Deposition Is Associated With Insulin Resistance in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3394-3404.	3.6	35
52	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.	2.9	30
53	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 159-174.e11.	16.2	114
54	Angiogenin and Osteoprotegerin are type II muscle specific myokines protecting pancreatic beta-cells against proinflammatory cytokines. <i>Scientific Reports</i> , 2018, 8, 10072.	3.3	29

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55	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.	1.6	16
56	Effects of erythropoietin on body composition and fat-free glucose metabolism in patients with affective disorders. <i>Acta Neuropsychiatrica</i> , 2018, 30, 342-349.	2.1	10
57	Low fitness is associated with abdominal adiposity and low-grade inflammation independent of BMI. <i>PLoS ONE</i> , 2018, 13, e0190645.	2.5	57
58	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.	2.5	11
59	Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. <i>PLoS ONE</i> , 2018, 13, e0194991.	2.5	77
60	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , 2017, 15, 39.	5.5	51
61	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.	2.5	22
62	Alpha adrenergic receptor blockade increases capillarization and fractional O ₂ extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , 2017, 221, 32-43.	3.8	17
63	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.	1.9	11
64	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.	6.5	27
65	Fetal Hyperglycemia Changes Human Preadipocyte Function in Adult Life. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1141-1150.	3.6	20
66	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.	2.4	60
67	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.	6.3	46
68	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.	1.5	8
69	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.	6.3	12
70	Exercise-Induced Catecholamines Activate the Hippo Tumor Suppressor Pathway to Reduce Risks of Breast Cancer Development. <i>Cancer Research</i> , 2017, 77, 4894-4904.	0.9	117
71	Anti-inflammatory effects of exercise: role in diabetes and cardiovascular disease. <i>European Journal of Clinical Investigation</i> , 2017, 47, 600-611.	3.4	408
72	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , 2017, 123, 624-631.	2.5	13

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73	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 637.	7.4	154
74	Intermittent Standing but not a Moderate Exercise Bout Reduces Postprandial Glycemia. Medicine and Science in Sports and Exercise, 2017, 49, 2305-2314.	0.4	24
75	Angiopoietin-like protein 4 is an exercise-induced hepatokine in humans, regulated by glucagon and cAMP. Molecular Metabolism, 2017, 6, 1286-1295.	6.5	47
76	Epicardial, pericardial and total cardiac fat and cardiovascular disease in type 2 diabetic patients with elevated urinary albumin excretion rate. European Journal of Preventive Cardiology, 2017, 24, 1517-1524.	1.8	33
77	Type 2 diabetes and obesity induce similar transcriptional reprogramming in human myocytes. Genome Medicine, 2017, 9, 47.	8.2	37
78	The Bipolar Illness Onset study: research protocol for the BIO cohort study. BMJ Open, 2017, 7, e015462.	1.9	119
79	Intensive Lifestyle Intervention for Type 2 Diabetesâ€”Reply. JAMA - Journal of the American Medical Association, 2017, 318, 2494.	7.4	0
80	Effect of 6 weeks of high-intensity one-legged cycling on functional sympatholysis and ATP signaling in patients with heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 314, ajpheart.00379..	3.2	13
81	Breaking Prolonged Sitting With Different Physical Activity Protocols And Metabolic Risk. Medicine and Science in Sports and Exercise, 2016, 48, 78.	0.4	0
82	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. International Journal of COPD, 2016, Volume 11, 2659-2669.	2.3	36
83	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. Clinical Epidemiology, 2016, 8, 201.	3.0	14
84	Metabolic and Transcriptional Changes in Cultured Muscle Stem Cells from Low Birth Weight Subjects. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2254-2264.	3.6	9
85	Criterion validity and reliability of a smartphone delivered sub-maximal fitness test for people with type 2 diabetes. BMC Sports Science, Medicine and Rehabilitation, 2016, 8, 31.	1.7	16
86	Circulating Follistatin Is Liver-Derived and Regulated by the Glucagon-to-Insulin Ratio. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 550-560.	3.6	88
87	Skeletal muscle as a gene regulatory endocrine organ. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 270-275.	2.5	95
88	Exercise-Induced Secretion of FGF21 and Follistatin Are Blocked by Pancreatic Clamp and Impaired in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2816-2825.	3.6	86
89	Exercise regulates breast cancer cell viability: systemic training adaptations versus acute exercise responses. Breast Cancer Research and Treatment, 2016, 159, 469-479.	2.5	79
90	Liver and Muscle Contribute Differently to the Plasma Acylcarnitine Pool During Fasting and Exercise in Humans. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 5044-5052.	3.6	55

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91	Impaired Follistatin Secretion in Cirrhosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3395-3400.	3.6	14
92	Skeletal muscle action of estrogen receptor $\hat{\pm}$ is critical for the maintenance of mitochondrial function and metabolic homeostasis in females. <i>Science Translational Medicine</i> , 2016, 8, 334ra54.	12.4	174
93	The effects of interval- vs. continuous exercise on excess post-exercise oxygen consumption and substrate oxidation rates in subjects with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1316-1325.	3.4	20
94	The effect of 8 days of strict bed rest on the incretin effect in healthy volunteers. <i>Journal of Applied Physiology</i> , 2016, 120, 608-614.	2.5	9
95	Cytokines, brain-derived neurotrophic factor and C-reactive protein in bipolar I disorder – Results from a prospective study. <i>Journal of Affective Disorders</i> , 2016, 197, 167-174.	4.1	67
96	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution. <i>Cell Metabolism</i> , 2016, 23, 554-562.	16.2	572
97	Myokines and Metabolism. , 2016, , 541-554.		3
98	Effect of a 2-year home-based endurance training intervention on physiological function and PSA doubling time in prostate cancer patients. <i>Cancer Causes and Control</i> , 2016, 27, 165-174.	1.8	45
99	Exercise and type 2 diabetes: focus on metabolism and inflammation. <i>Immunology and Cell Biology</i> , 2016, 94, 146-150.	2.3	182
100	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, 660-663.	2.3	0
101	Smartphone-app-delivered Interval Walking Training In Denmark. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 604-605.	0.4	1
102	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, 1-72.	2.9	2,111
103	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.	1.9	23
104	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.	2.6	21
105	Physical Activity Enhances Metabolic Fitness Independently of Cardiorespiratory Fitness in Marathon Runners. <i>Disease Markers</i> , 2015, 2015, 1-11.	1.3	18
106	Over-expression of Follistatin-like 3 attenuates fat accumulation and improves insulin sensitivity in mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 283-295.	3.4	41
107	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , 2015, 58, 1845-1854.	6.3	79
108	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.	6.4	112

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109	Glucagon-to-insulin ratio is pivotal for splanchnic regulation of FGF-21 in humans. <i>Molecular Metabolism</i> , 2015, 4, 551-560.	6.5	105
110	Targeting Inflammation Through a Physical Active Lifestyle and Pharmaceuticals for the Treatment of Type 2 Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 82.	4.2	35
111	Effects of acute exercise on pancreatic endocrine function in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2015, 17, 207-210.	4.4	11
112	Exercise as an anti-inflammatory therapy for rheumatic diseases—myokine regulation. <i>Nature Reviews Rheumatology</i> , 2015, 11, 86-97.	8.0	352
113	Glucose tolerance is associated with differential expression of microRNAs in skeletal muscle: results from studies of twins with and without type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 363-373.	6.3	53
114	Myokines and Metabolism. , 2015, , 1-18.		0
115	The miRNA Plasma Signature in Response to Acute Aerobic Exercise and Endurance Training. <i>PLoS ONE</i> , 2014, 9, e87308.	2.5	247
116	Voluntary Exercise Prevents Cisplatin-Induced Muscle Wasting during Chemotherapy in Mice. <i>PLoS ONE</i> , 2014, 9, e109030.	2.5	39
117	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.	2.5	13
118	Obesity and Low-Grade Inflammation Increase Plasma Follistatin-Like 3 in Humans. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	3.0	12
119	Muscle specific miRNAs are induced by testosterone and independently upregulated by age. <i>Frontiers in Physiology</i> , 2014, 4, 394.	2.8	30
120	The Acute Effects of Low-Dose TNF- α on Glucose Metabolism and β -Cell Function in Humans. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	3.0	21
121	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E1105-E1116.	3.5	41
122	Determining pancreatic β -cell compensation for changing insulin sensitivity using an oral glucose tolerance test. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E822-E829.	3.5	23
123	A randomized controlled trial on a multicomponent intervention for overweight school-aged children — Copenhagen, Denmark. <i>BMC Pediatrics</i> , 2014, 14, 273.	1.7	26
124	On the antioxidant properties of erythropoietin and its association with the oxidative-nitrosative stress response to hypoxia in humans. <i>Acta Physiologica</i> , 2014, 212, 175-187.	3.8	40
125	Normal physical activity obliterates the deleterious effects of a high-caloric intake. <i>Journal of Applied Physiology</i> , 2014, 116, 231-239.	2.5	44
126	Impaired Leptin Gene Expression and Release in Cultured Preadipocytes Isolated From Individuals Born With Low Birth Weight. <i>Diabetes</i> , 2014, 63, 111-121.	0.6	43

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127	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.	1.7	42
128	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.	8.6	118
129	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, 4273-4280.	3.6	83
130	Mechanisms behind the superior effects of interval vs continuous training on glycaemic control in individuals with type 2 diabetes: a randomised controlled trial. <i>Diabetologia</i> , 2014, 57, 2081-2093.	6.3	70
131	Effect of IL-6 on the insulin sensitivity in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E769-E778.	3.5	40
132	Altered DNA Methylation and Differential Expression of Genes Influencing Metabolism and Inflammation in Adipose Tissue From Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 2962-2976.	0.6	326
133	The Acute Effects of Interval- Vs Continuous-Walking Exercise on Glycemic Control in Subjects With Type 2 Diabetes: A Crossover, Controlled Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3334-3342.	3.6	63
134	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> , 2014, 47, 199-211.	2.7	45
135	Endurance training enhances skeletal muscle interleukin-15 in human male subjects. <i>Endocrine</i> , 2014, 45, 271-278.	2.3	77
136	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-e54.	2.1	7
137	Muscle as a Secretory Organ. , 2013, 3, 1337-1362.		403
138	Acute reduction of lipolysis reduces adiponectin and IL-18: evidence from an intervention study with acipimox and insulin. <i>Diabetologia</i> , 2013, 56, 2034-2043.	6.3	7
139	Interleukin-18 Activates Skeletal Muscle AMPK and Reduces Weight Gain and Insulin Resistance in Mice. <i>Diabetes</i> , 2013, 62, 3064-3074.	0.6	71
140	Plasma follistatin is elevated in patients with type 2 diabetes: relationship to hyperglycemia, hyperinsulinemia, and systemic low-grade inflammation. <i>Diabetes/Metabolism Research and Reviews</i> , 2013, 29, 463-472.	4.0	54
141	Interleukin-6 myokine signaling in skeletal muscle: a double-edged sword?. <i>FEBS Journal</i> , 2013, 280, 4131-4148.	4.7	550
142	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.	16.2	474
143	Physical activity is associated with retained muscle metabolism in human myotubes challenged with palmitate. <i>Journal of Physiology</i> , 2013, 591, 4621-4635.	2.9	17
144	The Effects of Free-Living Interval-Walking Training on Glycemic Control, Body Composition, and Physical Fitness in Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2013, 36, 228-236.	8.6	280

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145	The effects of a multisite aerobic exercise intervention on asthma morbidity in sedentary adults with asthma: the Ex-asthma study randomised controlled trial protocol. <i>BMJ Open</i> , 2013, 3, e003177.	1.9	3
146	Endurance training improves insulin sensitivity and body composition in prostate cancer patients treated with androgen deprivation therapy. <i>Endocrine-Related Cancer</i> , 2013, 20, 621-632.	3.1	28
147	Menopause is associated with decreased whole body fat oxidation during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1227-E1236.	3.5	74
148	Daily Marathon Running for a Weekâ€™The Biochemical and Body Compositional Effects of Participation. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2927-2933.	2.1	12
149	Insulin signaling in skeletal muscle of HIV-infected patients in response to endurance and strength training. <i>Physiological Reports</i> , 2013, 1, e00060.	1.7	7
150	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.	2.5	27
151	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.	2.5	29
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