Flemming Dela

List of Publications by Citations

279 papers	10,156 citations	53 h-index	89 g-index
305 ext. papers	11,597 ext. citations	4.7 avg, IF	6.04 L-index

#	Paper	IF	Citations
279	Biomarkers of mitochondrial content in skeletal muscle of healthy young human subjects. *Journal of Physiology*, **2012**, 590, 3349-60	3.9	665
278	Strength training increases insulin-mediated glucose uptake, GLUT4 content, and insulin signaling in skeletal muscle in patients with type 2 diabetes. *Diabetes*, **2004**, 53, 294-305	0.9	417
277	Patients with type 2 diabetes have normal mitochondrial function in skeletal muscle. *Diabetologia*, **2007**, 50, 790-6	10.3	401
276	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. *Mechanisms of Ageing and Development*, **2003**, 124, 495-502	5.6	252
275	High responders to resistance exercise training demonstrate differential regulation of skeletal muscle microRNA expression. *Journal of Applied Physiology*, **2011**, 110, 309-17	3.7	241
274	Insulin-stimulated muscle glucose clearance in patients with NIDDM. Effects of one-legged physical training. *Diabetes*, **1995**, 44, 1010-20	0.9	211
273	Physical training increases muscle GLUT4 protein and mRNA in patients with NIDDM. *Diabetes*, **1994**, 43, 862-5	0.9	197
272	Proteome analysis reveals phosphorylation of ATP synthase beta -subunit in human skeletal muscle and proteins with potential roles in type 2 diabetes. *Journal of Biological Chemistry*, **2003**, 278, 10436-42	5.4	176
271	Insulin resistance induced by physical inactivity is associated with multiple transcriptional changes in skeletal muscle in young men. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E752-63	6	163
270	Impact of sedentarism due to the COVID-19 home confinement on neuromuscular, cardiovascular and metabolic health: Physiological and pathophysiological implications and recommendations for physical and nutritional countermeasures. *European Journal of Sport Science*, **2021**, 21, 614-635	3.9	161
269	Effect of intermittent fasting and refeeding on insulin action in healthy men. *Journal of Applied Physiology*, **2005**, 99, 2128-36	3.7	158
268	Early differential defects of insulin secretion and action in 19-year-old caucasian men who had low birth weight. *Diabetes*, **2002**, 51, 1271-80	0.9	157
267	The effect of altitude hypoxia on glucose homeostasis in men. *Journal of Physiology*, **1997**, 504 (Pt 1), 241-9	3.9	143
266	Simvastatin effects on skeletal muscle: relation to decreased mitochondrial function and glucose intolerance. *Journal of the American College of Cardiology*, **2013**, 61, 44-53	15.1	136
265	Effects of preoperative oral carbohydrates and peptides on postoperative endocrine response, mobilization, nutrition and muscle function in abdominal surgery. *Acta Anaesthesiologica Scandinavica*, **2003**, 47, 191-9	1.9	131
264	5'AMP activated protein kinase expression in human skeletal muscle: effects of strength training and type 2 diabetes. *Journal of Physiology*, **2005**, 564, 563-73	3.9	125
263	The effect of moderate exercise on postprandial glucose homeostasis in NIDDM patients. *Diabetologia*, **1997**, 40, 447-53	10.3	117

262	GLUT 4 and insulin receptor binding and kinase activity in trained human muscle. *Journal of Physiology*, **1993**, 469, 615-24	3.9	117
261	Oxidative stress and mitochondrial impairment can be separated from lipofuscin accumulation in aged human skeletal muscle. *Aging Cell*, **2007**, 6, 245-56	9.9	116
260	Physical training may enhance beta-cell function in type 2 diabetes. *American Journal of Physiology - Endocrinology and Metabolism*, **2004**, 287, E1024-31	6	115
259	Human skeletal muscle ceramide content is not a major factor in muscle insulin sensitivity. *Diabetologia*, **2008**, 51, 1253-60	10.3	108
258	Effect of physical training on mitochondrial respiration and reactive oxygen species release in skeletal muscle in patients with obesity and type 2 diabetes. *Diabetologia*, **2010**, 53, 1976-85	10.3	104
257	Psychological predictors of weight loss after bariatric surgery: a review of the recent research. *Obesity Research and Clinical Practice*, **2014**, 8, e299-313	5.4	97
256	Effect of hyperglycemia and hyperinsulinemia on the response of IL-6, TNF-alpha, and FFAs to low-dose endotoxemia in humans. *American Journal of Physiology - Endocrinology and Metabolism*, **2004**, 286, E766-72	6	92
255	Mitochondrial respiration in subcutaneous and visceral adipose tissue from patients with morbid obesity. *Journal of Physiology*, **2010**, 588, 2023-32	3.9	89
254	Seven days of bed rest decrease insulin action on glucose uptake in leg and whole body. *Journal of Applied Physiology*, **1991**, 70, 1245-54	3.7	89
253	Cardiovascular control during exercise: insights from spinal cord-injured humans. *Circulation*, **2003**, 107, 2127-33	16.7	82
252	The effect of intense exercise on postprandial glucose homeostasis in type II diabetic patients. *Diabetologia*, **1999**, 42, 1282-92	10.3	77
251	Mitochondrial oxidative function and type 2 diabetes. *Applied Physiology, Nutrition and Metabolism*, **2006**, 31, 675-83	3	76
250	GAPDH and □actin protein decreases with aging, making Stain-Free technology a superior loading control in Western blotting of human skeletal muscle. *Journal of Applied Physiology*, **2015**, 118, 386-94	3.7	73
249	Copenhagen Consensus statement 2019: physical activity and ageing. *British Journal of Sports Medicine*, **2019**, 53, 856-858	10.3	71
248	The effect of high-intensity training on mitochondrial fat oxidation in skeletal muscle and subcutaneous adipose tissue. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25, e59-69	4.6	71
247	Cardiac, skeletal, and smooth muscle mitochondrial respiration: are all mitochondria created equal?. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H346-52	5.2	71
246	Impact of 9 days of bed rest on hepatic and peripheral insulin action, insulin secretion, and whole-body lipolysis in healthy young male offspring of patients with type 2 diabetes. *Diabetes*, **2009**, 58, 2749-56	0.9	71
245	Effect of training on insulin-mediated glucose uptake in human muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **1992**, 263, E1134-E1143	6	69

244	Resistance training, insulin sensitivity and muscle function in the elderly. *Essays in Biochemistry*, **2006**, 42, 75-88	7.6	69
243	Are substrate use during exercise and mitochondrial respiratory capacity decreased in arm and leg muscle in type 2 diabetes?. *Diabetologia*, **2009**, 52, 1400-8	10.3	66
242	Dual regulation of muscle glycogen synthase during exercise by activation and compartmentalization. *Journal of Biological Chemistry*, **2009**, 284, 15692-700	5.4	65
241	The Gluco- and Liporegulatory and Vasodilatory Effects of Glucose-Dependent Insulinotropic Polypeptide (GIP) Are Abolished by an Antagonist of the Human GIP Receptor. *Diabetes*, **2017**, 66, 2363-2371	8.9	64
240	Resistance training and insulin action in humans: effects of de-training. *Journal of Physiology*, **2003**, 551, 1049-58	3.9	64
239	Does caffeine alter muscle carbohydrate and fat metabolism during exercise?. *Applied Physiology, Nutrition and Metabolism*, **2008**, 33, 1311-8	3	63
238	Skeletal muscle mitochondrial H2 O2 emission increases with immobilization and decreases after aerobic training in young and older men. *Journal of Physiology*, **2015**, 593, 4011-27	3.9	62
237	Effect of training on insulin-mediated glucose uptake in human muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **1992**, 263, E1134-43	6	62
236	Effects of strength training on muscle lactate release and MCT1 and MCT4 content in healthy and type 2 diabetic humans. *Journal of Physiology*, **2004**, 556, 297-304	3.9	62
235	Normal effect of insulin to stimulate leg blood flow in NIDDM. *Diabetes*, **1995**, 44, 221-6	0.9	61
234	Three-dimensional reconstruction of the human skeletal muscle mitochondrial network as a tool to assess mitochondrial content and structural organization. *Acta Physiologica*, **2015**, 213, 145-55	5.6	60
233	Interleukin-6: possible biological roles during exercise. *European Journal of Sport Science*, **2014**, 14, 242-50	3.9	60
232	Insulin-stimulated muscle glucose clearance in patients with NIDDM. Effects of one-legged physical training. *Diabetes*, **1995**, 44, 1010-1020	0.9	59
231	Increased mitochondrial substrate sensitivity in skeletal muscle of patients with type 2 diabetes. *Diabetologia*, **2011**, 54, 1427-36	10.3	57
230	Reduced skeletal muscle mitochondrial respiration and improved glucose metabolism in nondiabetic obese women during a very low calorie dietary intervention leading to rapid weight loss. *Metabolism: Clinical and Experimental*, **2009**, 58, 1145-52	12.7	55
229	Effect of gender on lipid-induced insulin resistance in obese subjects. *European Journal of Endocrinology*, **2008**, 158, 61-8	6.5	54
228	Comparison of the effect of multiple short-duration with single long-duration exercise sessions on glucose homeostasis in type 2 diabetes mellitus. *Diabetologia*, **2007**, 50, 2245-53	10.3	54
227	Effect of training on muscle triacylglycerol and structural lipids: a relation to insulin sensitivity?. *Diabetes*, **2003**, 52, 1881-7	0.9	54

226	Insulin action and long-term electrically induced training in individuals with spinal cord injuries. *Medicine and Science in Sports and Exercise*, **2001**, 33, 1247-52	1.2	53
225	GIP(3-30)NH is an efficacious GIP receptor antagonist in humans: a randomised, double-blinded, placebo-controlled, crossover study. *Diabetologia*, **2018**, 61, 413-423	10.3	52
224	Two weeks of one-leg immobilization decreases skeletal muscle respiratory capacity equally in young and elderly men. *Experimental Gerontology*, **2014**, 58, 269-78	4.5	51
223	Metformin-treated patients with type 2 diabetes have normal mitochondrial complex I respiration. *Diabetologia*, **2012**, 55, 443-9	10.3	51
222	Regional anatomic differences in skeletal muscle mitochondrial respiration in type 2 diabetes and obesity. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 857-63	5.6	51
221	Effect of hyperglycemia on mitochondrial respiration in type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1372-8	5.6	51
220	Effect of training on interaction between insulin and exercise in human muscle. *Journal of Applied Physiology*, **1994**, 76, 2386-93	3.7	51
219	Decreased mitochondrial oxidative phosphorylation capacity in the human heart with left ventricular systolic dysfunction. *European Journal of Heart Failure*, **2013**, 15, 150-7	12.3	49
218	The influence of age and aerobic fitness: effects on mitochondrial respiration in skeletal muscle. *Acta Physiologica*, **2012**, 205, 423-32	5.6	48
217	The relationship between skeletal muscle mitochondrial citrate synthase activity and whole body oxygen uptake adaptations in response to exercise training. *International Journal of Physiology, Pathophysiology and Pharmacology*, **2014**, 6, 84-101	3.4	48
216	Interaction of sulfonylureas and exercise on glucose homeostasis in type 2 diabetic patients. *Diabetes Care*, **1999**, 22, 1647-54	14.6	47
215	Increase in IL-6, TNF-□and MMP-9, but not sICAM-1, concentrations depends on exercise duration. *European Journal of Applied Physiology*, **2013**, 113, 851-8	3.4	46
214	Glucose clearance is higher in arm than leg muscle in type 2 diabetes. *Journal of Physiology*, **2005**, 565, 555-62	3.9	46
213	Physical training increases muscle GLUT4 protein and mRNA in patients with NIDDM. *Diabetes*, **1994**, 43, 862-865	0.9	46
212	High-intensity interval training improves insulin sensitivity in older individuals. *Acta Physiologica*, **2018**, 222, e13009	5.6	45
211	Psychological predictors of mental health and health-related quality of life after bariatric surgery: a review of the recent research. *Obesity Research and Clinical Practice*, **2014**, 8, e314-24	5.4	43
210	Two weeks of metformin treatment enhances mitochondrial respiration in skeletal muscle of AMPK kinase dead but not wild type mice. *PLoS ONE*, **2013**, 8, e53533	3.7	39
209	Acute exercise increases adipose tissue interstitial adiponectin concentration in healthy overweight and lean subjects. *European Journal of Endocrinology*, **2007**, 157, 613-23	6.5	39

208	Time course of GLUT4 and AMPK protein expression in human skeletal muscle during one month of physical training. *Scandinavian Journal of Medicine and Science in Sports*, **2003**, 13, 169-74	4.6	39
207	Effect of moderate- versus high-intensity exercise on vascular function, biomarkers and quality of life in heart transplant recipients: A randomized, crossover trial. *Journal of Heart and Lung Transplantation*, **2015**, 34, 1033-41	5.8	37
206	Impact of physical inactivity on adipose tissue low-grade inflammation in first-degree relatives of type 2 diabetic patients. *Diabetes Care*, **2011**, 34, 2265-72	14.6	37
205	Tumor necrosis factor alpha is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. *Metabolism: Clinical and Experimental*, **2006**, 55, 175-82	12.7	35
204	Diminished arginine-stimulated insulin secretion in trained men. *Journal of Applied Physiology*, **1990** , 69, 261-7	3.7	35
203	Insulin resistance and mitochondrial function in skeletal muscle. *International Journal of Biochemistry and Cell Biology*, **2013**, 45, 11-5	5.6	34
202	Insulin secretion and cellular glucose metabolism after prolonged low-grade intralipid infusion in young men. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 2775-83	5.6	34
201	The CSF and arterial to internal jugular venous hormonal differences during exercise in humans. *Experimental Physiology*, **2004**, 89, 271-7	2.4	34
200	Depleted skeletal muscle mitochondrial DNA, hyperlactatemia, and decreased oxidative capacity in HIV-infected patients on highly active antiretroviral therapy. *Journal of Medical Virology*, **2005**, 77, 29-38	19.7	33
199	Fatty acid kinetics and carbohydrate metabolism during electrical exercise in spinal cord-injured humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2001**, 281, R1492-8	3.2	33
198	Increased rate of whole body lipolysis before and after 9 days of bed rest in healthy young men born with low birth weight. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 298, E555-64	6	32
197	Effect of 10 days of bedrest on metabolic and vascular insulin action: a study in individuals at risk for type 2 diabetes. *Journal of Applied Physiology*, **2010**, 108, 830-7	3.7	32
196	Erythropoietin treatment enhances muscle mitochondrial capacity in humans. *Frontiers in Physiology*, **2012**, 3, 50	4.6	31
195	Metallothionein-mediated antioxidant defense system and its response to exercise training are impaired in human type 2 diabetes. *Diabetes*, **2005**, 54, 3089-94	0.9	31
194	Diurnal variations of serum erythropoietin in trained and untrained subjects. *European Journal of Applied Physiology and Occupational Physiology*, **1993**, 67, 545-8		31
193	Relationships between human vitality and mitochondrial respiratory parameters, reactive oxygen species production and dNTP levels in peripheral blood mononuclear cells. *Aging*, **2013**, 5, 850-64	5.6	31
192	Maximal Fat Oxidation is Related to Performance in an Ironman Triathlon. *International Journal of Sports Medicine*, **2017**, 38, 975-982	3.6	30
191	Six weeksRaerobic retraining after two weeksRimmobilization restores leg lean mass and aerobic capacity but does not fully rehabilitate leg strength in young and older men. *Journal of Rehabilitation Medicine*, **2015**, 47, 552-60	3.4	30

190	Opposite effects of pioglitazone and rosiglitazone on mitochondrial respiration in skeletal muscle of patients with type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2010**, 12, 806-14	6.7	30
189	Effect of physical training on insulin secretion and action in skeletal muscle and adipose tissue of first-degree relatives of type 2 diabetic patients. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E80-91	6	30
188	The effect of caffeine on glucose kinetics in humans--influence of adrenaline. *Journal of Physiology*, **2005**, 569, 347-55	3.9	30
187	Impaired cardiac mitochondrial oxidative phosphorylation and enhanced mitochondrial oxidative stress in feline hypertrophic cardiomyopathy. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1237-47	5.2	29
186	Altered mitochondrial regulation in quadriceps muscles of patients with COPD. *Clinical Physiology and Functional Imaging*, **2011**, 31, 124-31	2.4	29
185	The T-allele of TCF7L2 rs7903146 associates with a reduced compensation of insulin secretion for insulin resistance induced by 9 days of bed rest. *Diabetes*, **2010**, 59, 836-43	0.9	29
184	Pre-ischaemic mitochondrial substrate constraint by inhibition of malate-aspartate shuttle preserves mitochondrial function after ischaemia-reperfusion. *Journal of Physiology*, **2017**, 595, 3765-3780	3.9	28
183	The best approach: homogenization or manual permeabilization of human skeletal muscle fibers for respirometry?. *Analytical Biochemistry*, **2014**, 446, 64-8	3.1	28
182	Adipose tissue mitochondrial respiration and lipolysis before and after a weight loss by diet and RYGB. *Obesity*, **2015**, 23, 2022-9	8	28
181	Defective glucose and lipid metabolism in human immunodeficiency virus-infected patients with lipodystrophy involve liver, muscle tissue and pancreatic beta-cells. *European Journal of Endocrinology*, **2005**, 152, 103-12	6.5	28
180	Training-induced enhancement of insulin action in human skeletal muscle: the influence of aging. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **1996**, 51, B247-52	6.4	28
179	Heart rate and plasma catecholamines during 24 h of everyday life in trained and untrained men. *Journal of Applied Physiology*, **1992**, 73, 2389-95	3.7	28
178	Quadriceps exercise intolerance in patients with chronic obstructive pulmonary disease: the potential role of altered skeletal muscle mitochondrial respiration. *Journal of Applied Physiology*, **2015**, 119, 882-8	3.7	27
177	Are blood flow and lipolysis in subcutaneous adipose tissue influenced by contractions in adjacent muscles in humans?. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E394-9	6	27
176	Effect of resistance training on Na,K pump and Na+/H+ exchange protein densities in muscle from control and patients with type 2 diabetes. *Pflugers Archiv European Journal of Physiology*, **2004**, 447, 928-33	4.6	27
175	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. *Obesity*, **2017**, 25, 572-580	8	26
174	The influence of intermittent altitude exposure to 4100 m on exercise capacity and blood variables. *Scandinavian Journal of Medicine and Science in Sports*, **2005**, 15, 182-7	4.6	26
173	An optimized histochemical method to assess skeletal muscle glycogen and lipid stores reveals two metabolically distinct populations of type I muscle fibers. *PLoS ONE*, **2013**, 8, e77774	3.7	26

172	High-intensity interval training changes mitochondrial respiratory capacity differently in adipose tissue and skeletal muscle. *Physiological Reports*, **2018**, 6, e13857	2.6	26
171	Preoperative Ecell function in patients with type 2 diabetes is important for the outcome of Roux-en-Y gastric bypass surgery. *Journal of Physiology*, **2015**, 593, 3123-33	3.9	25
170	Impact of physical inactivity on subcutaneous adipose tissue metabolism in healthy young male offspring of patients with type 2 diabetes. *Diabetes*, **2010**, 59, 2790-8	0.9	25
169	Interstitial concentrations of adipokines in subcutaneous abdominal and femoral adipose tissue. *Regulatory Peptides*, **2009**, 155, 39-45		25
168	Exercise increases sphingoid base-1-phosphate levels in human blood and skeletal muscle in a time- and intensity-dependent manner. *European Journal of Applied Physiology*, **2015**, 115, 993-1003	3.4	24
167	Glucose-dependent insulinotropic polypeptide has impaired effect on abdominal, subcutaneous adipose tissue metabolism in obese subjects. *International Journal of Obesity*, **2014**, 38, 259-65	5.5	24
166	Salzburg Skiing for the Elderly Study: changes in cardiovascular risk factors through skiing in the elderly. *Scandinavian Journal of Medicine and Science in Sports*, **2011**, 21 Suppl 1, 47-55	4.6	23
165	Effects of a 14-month low-cost maintenance training program in patients with chronic systolic heart failure: a randomized study. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2009**, 16, 430-7		23
164	Determination of the exercise intensity that elicits maximal fat oxidation in individuals with obesity. *Applied Physiology, Nutrition and Metabolism*, **2017**, 42, 405-412	3	22
163	Insulin Plays a Permissive Role for the Vasoactive Effect of GIP Regulating Adipose Tissue Metabolism in Humans. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 3155-62	5.6	22
162	Increased intrinsic mitochondrial function in humans with mitochondrial haplogroup H. *Biochimica Et Biophysica Acta - Bioenergetics*, **2014**, 1837, 226-31	4.6	22
161	Insulin secretion in lipodystrophic HIV-infected patients is associated with high levels of nonglucose secretagogues and insulin resistance of beta-cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2004**, 287, E677-85	6	22
160	Insulin sensitivity in relation to fat distribution and plasma adipocytokines among abusers of anabolic androgenic steroids. *Clinical Endocrinology*, **2017**, 87, 249-256	3.4	21
159	Effects of a 12-week alpine skiing intervention on endothelial progenitor cells, peripheral arterial tone and endothelial biomarkers in the elderly. *International Journal of Cardiology*, **2016**, 214, 343-7	3.2	21
158	Mitochondrial adaptations to high intensity interval training in older females and males. *European Journal of Sport Science*, **2020**, 20, 135-145	3.9	21
157	Insulin resistance and exercise tolerance in heart failure patients: linkage to coronary flow reserve and peripheral vascular function. *Cardiovascular Diabetology*, **2012**, 11, 97	8.7	20
156	Impaired mitochondrial function in chronically ischemic human heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H1407-14	5.2	20
155	Insulin secretion and glucose kinetics during exercise with and without pharmacological alpha(1)- and alpha(2)-receptor blockade. *Diabetes*, **2001**, 50, 1834-43	0.9	20

154	Glucose clearance in aged trained skeletal muscle during maximal insulin with superimposed exercise. *Journal of Applied Physiology*, **1999**, 87, 2059-67	3.7	20
153	Time course for the recovery of physical performance, blood hemoglobin, and ferritin content after blood donation. *Transfusion*, **2015**, 55, 898-905	2.9	19
152	Coronary flow reserve as a link between diastolic and systolic function and exercise capacity in heart failure. *European Heart Journal Cardiovascular Imaging*, **2013**, 14, 677-83	4.1	19
151	Influence of erythropoietin on cognitive performance during experimental hypoglycemia in patients with type 1 diabetes mellitus: a randomized cross-over trial. *PLoS ONE*, **2013**, 8, e59672	3.7	19
150	Statin Treatment Decreases Mitochondrial Respiration But Muscle Coenzyme Q10 Levels Are Unaltered: The LIFESTAT Study. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2501-2508	5.6	19
149	Influence of maximal fat oxidation on long-term weight loss maintenance in humans. *Journal of Applied Physiology*, **2017**, 123, 267-274	3.7	18
148	Inability to match energy intake with energy expenditure at sustained near-maximal rates of energy expenditure in older men during a 14-d cycling expedition. *American Journal of Clinical Nutrition*, **2015**, 102, 1398-405	7	18
147	No Acute Effects of Exogenous Glucose-Dependent Insulinotropic Polypeptide on Energy Intake, Appetite, or Energy Expenditure When Added to Treatment With a Long-Acting Glucagon-Like Peptide 1 Receptor Agonist in Men With Type 2 Diabetes. *Diabetes Care*, **2020**, 43, 588-596	14.6	18
146	Physical inactivity affects skeletal muscle insulin signaling in a birth weight-dependent manner. *Journal of Diabetes and Its Complications*, **2014**, 28, 71-8	3.2	18
145	Skeletal muscle mitochondrial function in polycystic ovarian syndrome. *European Journal of Endocrinology*, **2011**, 165, 631-7	6.5	18
144	Caffeine's impairment of insulin-mediated glucose disposal cannot be solely attributed to adrenaline in humans. *Journal of Physiology*, **2007**, 583, 1069-77	3.9	18
143	Effect of 7 days of bed rest on dose-response relation between plasma glucose and insulin secretion. *American Journal of Physiology - Endocrinology and Metabolism*, **1989**, 257, E43-8	6	18
142	Hepatic mitochondrial oxidative phosphorylation is normal in obese patients with and without type 2 diabetes. *Journal of Physiology*, **2016**, 594, 4351-8	3.9	18
141	The effect of metformin on glucose homeostasis during moderate exercise. *Diabetes Care*, **2015**, 38, 293-301	14.6	17
140	Training Does Not Alter Muscle Ceramide and Diacylglycerol in Offsprings of Type 2 Diabetic Patients Despite Improved Insulin Sensitivity. *Journal of Diabetes Research*, **2016**, 2016, 2372741	3.9	16
139	The effect of age and unilateral leg immobilization for 2 weeks on substrate utilization during moderate-intensity exercise in human skeletal muscle. *Journal of Physiology*, **2016**, 594, 2339-58	3.9	16
138	Menstrual cycle phase does not affect whole body peak fat oxidation rate during a graded exercise test. *Journal of Applied Physiology*, **2020**, 128, 681-687	3.7	15
137	Diminished insulin-mediated forearm blood flow and muscle glucose uptake in young men with low birth weight. *Journal of Vascular Research*, **2010**, 47, 139-47	1.9	15

136	The effects of 2 weeks of statin treatment on mitochondrial respiratory capacity in middle-aged males: the LIFESTAT study. *European Journal of Clinical Pharmacology*, **2017**, 73, 679-687	2.8	14
135	Plasma free fatty acid concentration is closely tied to whole body peak fat oxidation rate during repeated exercise. *Journal of Applied Physiology*, **2019**, 126, 1563-1571	3.7	14
134	Muscle-Saturated Bioactive Lipids Are Increased with Aging and Influenced by High-Intensity Interval Training. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
133	Increased post-operative cardiopulmonary fitness in gastric bypass patients is explained by weight loss. *Scandinavian Journal of Medicine and Science in Sports*, **2016**, 26, 1428-1434	4.6	14
132	Actovegin, a non-prohibited drug increases oxidative capacity in human skeletal muscle. *European Journal of Sport Science*, **2016**, 16, 801-7	3.9	14
131	Mitochondrial reactive oxygen species generation in blood cells is associated with disease severity and exercise intolerance in heart failure patients. *Scientific Reports*, **2019**, 9, 14709	4.9	14
130	Alpine Skiing With total knee ArthroPlasty (ASWAP): study design and intervention. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25 Suppl 2, 3-9	4.6	14
129	Exercise-induced regulation of matrix metalloproteinases in the skeletal muscle of subjects with type 2 diabetes. *Diabetes and Vascular Disease Research*, **2014**, 11, 324-34	3.3	14
128	Aerobic Exercise Training Increases Muscle Water Content in Obese Middle-Age Men. *Medicine and Science in Sports and Exercise*, **2016**, 48, 822-8	1.2	14
127	Simvastatin-Induced Insulin Resistance May Be Linked to Decreased Lipid Uptake and Lipid Synthesis in Human Skeletal Muscle: the LIFESTAT Study. *Journal of Diabetes Research*, **2018**, 2018, 9257874	3.9	14
126	Effects of exercise training on mitochondrial function in patients with type 2 diabetes. *World Journal of Diabetes*, **2014**, 5, 482-92	4.7	13
125	Exercise interventions to prevent and manage type 2 diabetes: physiological mechanisms. *Medicine and Sport Science*, **2014**, 60, 36-47		13
124	High-fat feeding inhibits exercise-induced increase in mitochondrial respiratory flux in skeletal muscle. *Journal of Applied Physiology*, **2011**, 110, 1607-14	3.7	13
123	Glucose homeostasis and cardiovascular disease biomarkers in older alpine skiers. *Scandinavian Journal of Medicine and Science in Sports*, **2011**, 21 Suppl 1, 56-61	4.6	13
122	Endothelial function after 10 days of bed rest in individuals at risk for type 2 diabetes and cardiovascular disease. *Experimental Physiology*, **2011**, 96, 1000-9	2.4	13
121	Contraction-mediated glucose uptake is increased in men with impaired glucose tolerance. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 115-24	3	13
120	The outcome of bone mineral density measurements on patients referred from general practice. *Journal of Clinical Densitometry*, **2005**, 8, 178-82	3.5	13
119	Twenty-four-hour profile of plasma glucose and glucoregulatory hormones during normal living conditions in trained and untrained men. *Journal of Clinical Endocrinology and Metabolism*, **1991**, 73, 982-9	5.6	13

118	Normal effect of insulin to stimulate leg blood flow in NIDDM. *Diabetes*, **1995**, 44, 221-226	0.9	13
117	Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. *Neurobiology of Aging*, **2018**, 61, 215-224	5.6	13
116	Peak Fat Oxidation is not Independently Related to Ironman Performance in Women. *International Journal of Sports Medicine*, **2018**, 39, 916-923	3.6	13
115	Obesity leads to impairments in the morphology and organization of human skeletal muscle lipid droplets and mitochondrial networks, which are resolved with gastric bypass surgery-induced improvements in insulin sensitivity. *Acta Physiologica*, **2018**, 224, e13100	5.6	13
114	Effects of 6-month aerobic interval training on skeletal muscle metabolism in middle-aged metabolic syndrome patients. *Scandinavian Journal of Medicine and Science in Sports*, **2018**, 28, 585-595	4.6	12
113	Immobilization increases interleukin-6, but not tumour necrosis factor-release from the leg during exercise in humans. *Experimental Physiology*, **2013**, 98, 778-83	2.4	12
112	Physical inactivity and muscle oxidative capacity in humans. *European Journal of Sport Science*, **2014**, 14, 376-83	3.9	12
111	Angiotensin-converting enzyme activity and cognitive impairment during hypoglycaemia in healthy humans. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2008**, 9, 37-48	3	12
110	An intact central nervous system is not necessary for insulin-mediated increases in leg blood flow in humans. *Pflugers Archiv European Journal of Physiology*, **2000**, 441, 241-50	4.6	12
109	Effects of one-legged high-intensity interval training on insulin-mediated skeletal muscle glucose homeostasis in patients with type 2 diabetes. *Acta Physiologica*, **2019**, 226, e13245	5.6	12
108	A novel method for determining human ex vivo submaximal skeletal muscle mitochondrial function. *Journal of Physiology*, **2015**, 593, 3991-4010	3.9	11
107	Muscle inflammatory signaling in response to 9 days of physical inactivity in young men with low compared with normal birth weight. *European Journal of Endocrinology*, **2012**, 167, 829-38	6.5	11
106	5RAMP Activated Protein Kinase is Involved in the Regulation of Myocardial Oxidative Capacity in Mice. *Frontiers in Physiology*, **2012**, 3, 33	4.6	11
105	Increased lipolysis but diminished gene expression of lipases in subcutaneous adipose tissue of healthy young males with intrauterine growth retardation. *Journal of Applied Physiology*, **2011**, 111, 1863-70	3.7	11
104	Improved glycaemic control decreases inner mitochondrial membrane leak in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2009**, 11, 355-60	6.7	11
103	Insulin and non-insulin mediated vasodilation and glucose uptake in patients with type 2 diabetes. *Diabetes Research and Clinical Practice*, **2009**, 85, 243-51	7.4	11
102	Impaired endothelial function and insulin action in first-degree relatives of patients with type 2 diabetes mellitus. *Metabolism: Clinical and Experimental*, **2009**, 58, 93-101	12.7	11
101	Variation in mitochondrial respiratory capacity and myosin heavy chain composition in repeated muscle biopsies. *Analytical Biochemistry*, **2018**, 556, 119-124	3.1	11

100	Lack of effect of prolonged treatment with liraglutide on cardiac remodeling in rats after acute myocardial infarction. *Peptides*, **2017**, 93, 1-12	3.8	10
99	Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. *Journal of Sports Sciences*, **2015**, 33, 570-8	3.6	10
98	Raman probing of lipids, proteins, and mitochondria in skeletal myocytes: a case study on obesity. *Journal of Raman Spectroscopy*, **2017**, 48, 1158-1165	2.3	10
97	Repeated Excessive Exercise Attenuates the Anti-Inflammatory Effects of Exercise in Older Men. *Frontiers in Physiology*, **2017**, 8, 407	4.6	10
96	Influence of age on leptin induced skeletal muscle signalling. *Acta Physiologica*, **2014**, 211, 214-28	5.6	10
95	The incretin effect does not differ in trained and untrained, young, healthy men. *Acta Physiologica*, **2014**, 210, 565-72	5.6	10
94	Muscle ceramide content in man is higher in type I than type II fibers and not influenced by glycogen content. *European Journal of Applied Physiology*, **2010**, 109, 935-43	3.4	10
93	Impaired mitochondrial oxidative phosphorylation capacity in epicardial adipose tissue is associated with decreased concentration of adiponectin and severity of coronary atherosclerosis. *Scientific Reports*, **2019**, 9, 3535	4.9	9
92	LIFESTAT - Living with statins: An interdisciplinary project on the use of statins as a cholesterol-lowering treatment and for cardiovascular risk reduction. *Scandinavian Journal of Public Health*, **2016**, 44, 534-9	3	9
91	Coronary flow reserve predicts cardiopulmonary fitness in patients with coronary artery disease independently of systolic and diastolic function. *Echocardiography*, **2014**, 31, 654-62	1.5	9
90	Ceramide content is higher in type I compared to type II fibers in obesity and type 2 diabetes mellitus. *Acta Diabetologica*, **2013**, 50, 705-12	3.9	9
89	Maintaining a clinical weight loss after intensive lifestyle intervention is the key to cardiometabolic health. *Obesity Research and Clinical Practice*, **2017**, 11, 489-498	5.4	9
88	Cardiovascular disease markers in type 2 diabetes: the effects of a moderate home-based exercise training programme. *Diabetes and Vascular Disease Research*, **2009**, 6, 291-6	3.3	9
87	Exercise training in older patients with systolic heart failure: adherence, exercise capacity, inflammation and glycemic control. *Scandinavian Cardiovascular Journal*, **2009**, 43, 249-55	2	9
86	Cognitive performance, symptoms and counter-regulation during hypoglycaemia in patients with type 1 diabetes and high or low renin-angiotensin system activity. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2009**, 10, 216-29	3	9
85	Leg uptake of calcitonin gene-related peptide during exercise in spinal cord injured humans. *Clinical Physiology*, **2001**, 21, 32-8		9
84	Higher muscle content of perilipin 5 and endothelial lipase protein in trained than untrained middle-aged men. *Physiological Research*, **2016**, 65, 293-302	2.1	9
83	The effects of diet- and RYGB-induced weight loss on insulin sensitivity in obese patients with and without type 2 diabetes. *Acta Diabetologica*, **2016**, 53, 423-32	3.9	9

82	Temporary impact of blood donation on physical performance and hematologic variables in women. *Transfusion*, **2017**, 57, 1905-1911	2.9	8
81	The psychological profile of bariatric patients with and without type 2 diabetes: baseline results of the longitudinal GASMITO-PSYC study. *Surgery for Obesity and Related Diseases*, **2015**, 11, 412-8	3	8
80	Mitochondrial respiratory capacity remains stable despite a comprehensive and sustained increase in insulin sensitivity in obese patients undergoing gastric bypass surgery. *Acta Physiologica*, **2018**, 223, e13032	5.6	8
79	Improved glucose tolerance after high-load strength training in patients undergoing dialysis. *Nephron Clinical Practice*, **2013**, 123, 134-41		8
78	Meal induced gut hormone secretion is altered in aerobically trained compared to sedentary young healthy males. *European Journal of Applied Physiology*, **2013**, 113, 2737-47	3.4	8
77	The effect of rowing on endothelial function and insulin action in healthy controls and in patients with type 2 diabetes. *Scandinavian Journal of Medicine and Science in Sports*, **2011**, 21, 420-30	4.6	8
76	Does training spare insulin secretion and diminish glucose levels in real life?. *Diabetes Care*, **1992**, 15, 1712-5	14.6	8
75	Beta-aminoisobutyric acid is released by contracting human skeletal muscle and lowers insulin release from INS-1 832/3 cells by mediating mitochondrial energy metabolism. *Metabolism Open*, **2020**, 7, 100053	2.8	8
74	Inflammatory biomarkers in patients in Simvastatin treatment: No effect of co-enzyme Q10 supplementation. *Cytokine*, **2019**, 113, 393-399	4	8
73	Repeated lifestyle interventions lead to progressive weight loss: A retrospective review chart study. *Scandinavian Journal of Public Health*, **2017**, 45, 305-313	3	7
72	Effects of immobilization and aerobic training on proteins related to intramuscular substrate storage and metabolism in young and older men. *European Journal of Applied Physiology*, **2016**, 116, 481-94	3.4	7
71	Muscle ceramide content is similar after 3 weeks consumption of fat or carbohydrate diet in a crossover design in patients with type 2 diabetes. *European Journal of Applied Physiology*, **2012**, 112, 911-8	3.4	7
70	Macrophage Area Content and Phenotype in Hepatic and Adipose Tissue in Patients with Obesity Undergoing Roux-en-Y Gastric Bypass. *Obesity*, **2017**, 25, 1921-1931	8	7
69	The Effect of Reduced Physical Activity and Retraining on Blood Lipids and Body Composition in Young and Older Adult Men. *Journal of Aging and Physical Activity*, **2015**, 23, 489-95	1.6	7
68	Low N-terminal pro-brain natriuretic peptide levels are associated with non-alcoholic fatty liver disease in patients with type 2 diabetes. *Diabetes and Metabolism*, **2019**, 45, 429-435	5.4	7
67	Coenzyme Q10 does not improve peripheral insulin sensitivity in statin-treated men and women: the LIFESTAT study. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 485-492	3	7
66	Educating health professionals: the Avicenna project. *Lancet, The*, **2008**, 371, 966-7	40	6
65	Glucose production, oxidation and disposal correlate with plasma lactate levels in HIV-infected patients on HAART. *Journal of Infection*, **2007**, 54, 89-97	18.9	6

64	GIP-induced vasodilation in human adipose tissue involves capillary recruitment. *Endocrine Connections*, **2019**, 8, 806-813	3.5	6
63	The Effect of Preoperative Type 2 Diabetes and Physical Fitness on Mental Health and Health-Related Quality of Life after Roux-en-Y Gastric Bypass. *Journal of Obesity*, **2016**, 2016, 3474816	3.7	6
62	Aging in high functioning elderly persons: study design and analyses of behavioral and psychological factors. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29 Suppl 1, 7-16	4.6	6
61	Trajectories of cardio-metabolic health in successful aging. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29 Suppl 1, 44-51	4.6	6
60	Glucose homeostasis in statin users-The LIFESTAT study. *Diabetes/Metabolism Research and Reviews* , **2019**, 35, e3110	7.5	6
59	Mitochondrial dysfunction in adults after out-of-hospital cardiac arrest. *European Heart Journal: Acute Cardiovascular Care*, **2020**, 9, S138-S144	4.3	6
58	Repeated Prolonged Exercise Decreases Maximal Fat Oxidation in Older Men. *Medicine and Science in Sports and Exercise*, **2017**, 49, 308-316	1.2	5
57	Effect of the mineralocorticoid receptor antagonist eplerenone on liver fat and metabolism in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial (MIRAD trial). *Diabetes, Obesity and Metabolism*, **2019**, 21, 2305-2314	6.7	5
56	Adjustments of muscle capillarity but not mitochondrial protein with skiing in the elderly. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25, e360-7	4.6	5
55	Exercise promotes IL-6 release from legs in older men with minor response to unilateral immobilization. *European Journal of Sport Science*, **2016**, 16, 1039-46	3.9	5
54	Skeletal muscle mitochondrial respiration in AMPK□ kinase-dead mice. *Acta Physiologica*, **2012**, 205, 314-20	5.6	5
53	Immunological effects of a hyperinsulinaemic euglycaemic insulin clamp in healthy males. *Scandinavian Journal of Immunology*, **1998**, 47, 363-8	3.4	5
52	Effects of physical training on endothelial function and limb blood flow in type 2 diabetes. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 936-41	3	5
51	Human skeletal muscle perilipin 2 and 3 expression varies with insulin sensitivity. *Journal of Biomedical Science and Engineering*, **2013**, 06, 65-72	0.7	5
50	Aerobic Exercise Performance and Muscle Strength in Statin Users-The LIFESTAT Study. *Medicine and Science in Sports and Exercise*, **2019**, 51, 1429-1437	1.2	5
49	Increased oxidation of RNA despite reduced mitochondrial respiration after chronic electroconvulsive stimulation of rat brain tissue. *Neuroscience Letters*, **2019**, 690, 1-5	3.3	5
48	The Influence of Age and Cardiorespiratory Fitness on Bioactive Lipids in Muscle. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2019**, 74, 778-786	6.4	5
47	Effects of Long-Term Physical Activity and Diet on Skin Glycation and Achilles Tendon Structure. *Nutrients*, **2019**, 11,	6.7	4

46	Effects of angiotensin II receptor blockade on cerebral, cardiovascular, counter-regulatory, and symptomatic responses during hypoglycaemia in patients with type 1 diabetes. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2015**, 16, 1036-45	3	4
45	Alpine Skiing With total knee ArthroPlasty (ASWAP): impact on molecular and architectural features of musculo-skeletal ageing. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25 Suppl 2, 33-9	4.6	4
44	Alpine Skiing With total knee ArthroPlasty (ASWAP): metabolism, inflammation, and skeletal muscle fiber characteristics. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25 Suppl 2, 40-8	4.6	4
43	Other adaptations to training/inactivity in type 2 diabetics and other groups with insulin resistance: emphasis on prevention of CHD. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 602-6	3	4
42	Effect of training on response to a glucose load adjusted for daily carbohydrate intake. *American Journal of Physiology - Endocrinology and Metabolism*, **1991**, 260, E14-20	6	4
41	Simvastatin improves mitochondrial respiration in peripheral blood cells. *Scientific Reports*, **2020**, 10, 17012	4.9	4
40	Effects of endogenous GIP in patients with type 2 diabetes. *European Journal of Endocrinology*, **2021**, 185, 33-45	6.5	4
39	The training induced increase in whole-body peak fat oxidation rate may be attenuated with aging. *European Journal of Sport Science*, **2021**, 21, 69-76	3.9	4
38	Down stair walking: A simple method to increase muscle mass and performance in 65+ year healthy people. *European Journal of Sport Science*, **2021**, 1-10	3.9	4
37	Is there plasticity in mitochondrial cristae density with endurance training?. *Journal of Physiology*, **2017**, 595, 2985	3.9	3
36	Tissue-specific and substrate-specific mitochondrial bioenergetics in feline cardiac and skeletal muscles. *Journal of Veterinary Medical Science*, **2015**, 77, 669-75	1.1	3
35	Functional adaptation of the human □cells after frequent exposure to noradrenaline. *Journal of Physiology*, **2015**, 593, 3199-206	3.9	3
34	Young, low-birth-weight men are not more susceptible to the diabetogenic effects of a prolonged free fatty acid exposure than matched controls. *Metabolism: Clinical and Experimental*, **2005**, 54, 1398-406	12.7	3
33	Glucose-stimulated prehepatic insulin secretion is associated with circulating alanine, triglyceride, glucagon, lactate and TNF-alpha in patients with HIV-lipodystrophy. *HIV Medicine*, **2006**, 7, 163-72	2.7	3
32	Acetaminophen toxicity induces mitochondrial complex I inhibition in human liver tissue. *Basic and Clinical Pharmacology and Toxicology*, **2019**, 126, 86	3.1	3
31	The Mineralocorticoid Receptor Antagonist Eplerenone Suppresses Interstitial Fibrosis in Subcutaneous Adipose Tissue in Patients With Type 2 Diabetes. *Diabetes*, **2021**, 70, 196-203	0.9	3
30	On the influence of physical training on glucose homeostasis. *Acta Physiologica Scandinavica Supplementum*, **1996**, 635, 1-41		3
29	LEAP2 reduces postprandial glucose excursions and food intake in healthy men.. *Cell Reports Medicine*, **2022**, 3, 100582	18	3

28	Influence of exercise amount and intensity on long-term weight loss maintenance and skeletal muscle mitochondrial ROS production in humans. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 958-964	3	2
27	Determination and validation of peak fat oxidation in endurance-trained men using an upper body graded exercise test. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 1677-1690	4.6	2
26	Paradoxical inhibition of insulin secretion by glucose in non-insulin-dependent diabetic patients. *Acta Diabetologica*, **1995**, 32, 1-6	3.9	2
25	The relationship between peak fat oxidation and prolonged double-poling endurance exercise performance. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 2044-2056	4.6	2
24	The influence of age, sex and cardiorespiratory fitness on maximal fat oxidation rate. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 1241-1247	3	2
23	Six weeks of high intensity cycle training reduces HO emission and increases antioxidant protein levels in obese adults with risk factors for type 2 diabetes. *Free Radical Biology and Medicine*, **2021**, 173, 1-6	7.8	2
22	Comment on Reßn et al. Expression changes in human skeletal muscle miRNAs following 10 days of bed rest in young healthy males. Acta Physiol 2014; 210: 655-666. *Acta Physiologica*, **2015**, 214, 157	5.6	1
21	Comment on Chondronikola et al. Brown adipose tissue improves whole-body glucose homeostasis and insulin sensitivity in humans. Diabetes 2014;63:4089-4099. *Diabetes*, **2015**, 64, e12-3	0.9	1
20	No role of interstitial adenosine in insulin-mediated vasodilation. *Acta Physiologica Scandinavica*, **1999**, 167, 37-42		1
19	A Biological Age Model Designed for Health Promotion Interventions: Protocol for an Interdisciplinary Study for Model Development. *JMIR Research Protocols*, **2020**, 9, e19209	2	1
18	Physical Activity and Insulin Resistance in Man **1999**, 97-120		1
17	The rise of statins in Denmark: Making the case for a localized approach to the routinization of pharmaceutical prevention of cardiovascular disease. *BioSocieties*, **2019**, 14, 228-250	1.5	1
16	2706 km cycling in 2 weeks: effects on cardiac function in 6 elderly male athletes. *Physician and Sportsmedicine*, **2018**, 46, 263-268	2.4	1
15	Peak Fat Oxidation Rate Is Closely Associated With Plasma Free Fatty Acid Concentrations in Women; Similar to Men. *Frontiers in Physiology*, **2021**, 12, 696261	4.6	1
14	The effects of 3 weeks of oral glutathione supplementation on whole body insulin sensitivity in obese males with and without type 2 diabetes: a randomized trial. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 1133-1142	3	1
13	Reliability and variation in mitochondrial respiration in human adipose tissue. *Adipocyte*, **2021**, 10, 605-611	3.2	0
12	The effectiveness of body age-based intervention in workplace health promotion: Results of a cohort study on 9851 Danish employees. *PLoS ONE*, **2020**, 15, e0239337	3.7	0
11	Maximal Fat Oxidation Rate Is Higher in Fit Women and Unfit Women With Obesity, Compared to Normal-weight Unfit Women. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e4389-e4399	5.6	0

10	Extreme duration exercise affects old and younger men differently.. *Acta Physiologica*, **2022**, e13816	5.6	0
9	A Model for Estimating Biological Age From Physiological Biomarkers of Healthy Aging: Cross-sectional Study.. *JMIR Aging*, **2022**, 5, e35696	4.8	0
8	Reply: To PMID 23287371. *Journal of the American College of Cardiology*, **2013**, 61, 2393	15.1	
7	Reply: To PMID 23287371. *Journal of the American College of Cardiology*, **2013**, 62, 257-258	15.1	
6	Insulin action, training, and aging. *International Journal of Sport Nutrition and Exercise Metabolism*, **2001**, 11 Suppl, S78-85	4.4	
5	The Effect of Exercise on Postprandial Plasma Glucose Concentrations in type 2 Diabetic Patients. *Clinical Science*, **1994**, 87, 39-40		
4	Training Increases the Beta-Cell Response to Glucose in Non-Insulin Dependent Diabetic Patients. *Clinical Science*, **1994**, 87, 40-40		
3	The Role of Muscle Protein and Energy Metabolism in Statin-Associated Muscle Symptoms. *Contemporary Cardiology*, **2020**, 113-120	0.1	
2	Reply to Dutheil et al. *Journal of Applied Physiology*, **2020**, 129, 2	3.7	
1	Acute erythropoietin injection increases muscle mitochondrial respiratory capacity in young men: a double-blinded randomized crossover trial. *Journal of Applied Physiology*, **2021**, 131, 1340-1347	3.7	