

List of Publications by Citations

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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.

227
papers

7,301
citations

45
h-index

76
g-index

240
ext. papers

8,429
ext. citations

4.5
avg, IF

5.86
L-index

#	Paper	IF	Citations
227	Biomarkers of mitochondrial content in skeletal muscle of healthy young human subjects. <i>Journal of Physiology</i> , 2012 , 590, 3349-60	3.9	665
226	Diet and exercise reduce low-grade inflammation and macrophage infiltration in adipose tissue but not in skeletal muscle in severely obese subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 290, E961-7	6	312
225	High responders to resistance exercise training demonstrate differential regulation of skeletal muscle microRNA expression. <i>Journal of Applied Physiology</i> , 2011 , 110, 309-17	3.7	241
224	Acute exercise improves motor memory: exploring potential biomarkers. <i>Neurobiology of Learning and Memory</i> , 2014 , 116, 46-58	3.1	193
223	Influence of pre-exercise muscle glycogen content on exercise-induced transcriptional regulation of metabolic genes. <i>Journal of Physiology</i> , 2002 , 541, 261-71	3.9	164
222	Caffeine ingestion does not alter carbohydrate or fat metabolism in human skeletal muscle during exercise. <i>Journal of Physiology</i> , 2000 , 529 Pt 3, 837-47	3.9	144
221	The effect of graded exercise on IL-6 release and glucose uptake in human skeletal muscle. <i>Journal of Physiology</i> , 2003 , 546, 299-305	3.9	139
220	Simvastatin effects on skeletal muscle: relation to decreased mitochondrial function and glucose intolerance. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 44-53	15.1	136
219	. <i>Journal of Physiology</i> , 2001 , 537, 1009-1020	3.9	127
218	Substrate availability and transcriptional regulation of metabolic genes in human skeletal muscle during recovery from exercise. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1048-55	12.7	126
217	Cardiac output and leg and arm blood flow during incremental exercise to exhaustion on the cycle ergometer. <i>Journal of Applied Physiology</i> , 2007 , 103, 969-78	3.7	120
216	Interaction of training and diet on metabolism and endurance during exercise in man. <i>Journal of Physiology</i> , 1996 , 492 (Pt 1), 293-306	3.9	112
215	Human skeletal muscle ceramide content is not a major factor in muscle insulin sensitivity. <i>Diabetologia</i> , 2008 , 51, 1253-60	10.3	108
214	Interleukin-18 in plasma and adipose tissue: effects of obesity, insulin resistance, and weight loss. <i>European Journal of Endocrinology</i> , 2007 , 157, 465-71	6.5	108
213	Training affects muscle phospholipid fatty acid composition in humans. <i>Journal of Applied Physiology</i> , 2001 , 90, 670-7	3.7	108
212	Whole-body fat oxidation determined by graded exercise and indirect calorimetry: a role for muscle oxidative capacity?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006 , 16, 209-14	4.6	104
211	Muscle mitochondrial capacity exceeds maximal oxygen delivery in humans. <i>Mitochondrion</i> , 2011 , 11, 303-7	4.9	103

210	Total sitting time and risk of myocardial infarction, coronary heart disease and all-cause mortality in a prospective cohort of Danish adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 13	8.4	76
209	GAPDH and β -actin protein decreases with aging, making Stain-Free technology a superior loading control in Western blotting of human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015 , 118, 386-94	3.7	73
208	Changes in physical activity in leisure time and the risk of myocardial infarction, ischemic heart disease, and all-cause mortality. <i>European Journal of Epidemiology</i> , 2012 , 27, 91-9	12.1	73
207	The Danish Health Examination Survey 2007-2008 (DANHES 2007-2008). <i>Scandinavian Journal of Public Health</i> , 2011 , 39, 203-11	3	72
206	The effect of high-intensity training on mitochondrial fat oxidation in skeletal muscle and subcutaneous adipose tissue. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e59-69	4.6	71
205	Maximal fat oxidation rates in endurance trained and untrained women. <i>European Journal of Applied Physiology</i> , 2006 , 98, 497-506	3.4	70
204	Normal mitochondrial function and increased fat oxidation capacity in leg and arm muscles in obese humans. <i>International Journal of Obesity</i> , 2011 , 35, 99-108	5.5	67
203	Are substrate use during exercise and mitochondrial respiratory capacity decreased in arm and leg muscle in type 2 diabetes?. <i>Diabetologia</i> , 2009 , 52, 1400-8	10.3	66
202	Dual regulation of muscle glycogen synthase during exercise by activation and compartmentalization. <i>Journal of Biological Chemistry</i> , 2009 , 284, 15692-700	5.4	65
201	Exercise and training effects on ceramide metabolism in human skeletal muscle. <i>Experimental Physiology</i> , 2004 , 89, 119-27	2.4	65
200	Sex hormone-binding globulin levels predict insulin sensitivity, disposition index, and cardiovascular risk during puberty. <i>Diabetes Care</i> , 2009 , 32, 909-14	14.6	63
199	Do energy density and dietary fiber influence subsequent 5-year weight changes in adult men and women?. <i>Obesity</i> , 2006 , 14, 106-14	8	63
198	Skeletal muscle mitochondrial H ₂ O ₂ emission increases with immobilization and decreases after aerobic training in young and older men. <i>Journal of Physiology</i> , 2015 , 593, 4011-27	3.9	62
197	Three-dimensional reconstruction of the human skeletal muscle mitochondrial network as a tool to assess mitochondrial content and structural organization. <i>Acta Physiologica</i> , 2015 , 213, 145-55	5.6	60
196	Increased mitochondrial substrate sensitivity in skeletal muscle of patients with type 2 diabetes. <i>Diabetologia</i> , 2011 , 54, 1427-36	10.3	57
195	Impact of a fat-rich diet on endurance in man: role of the dietary period. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 456-61	1.2	56
194	Effect of gender on lipid-induced insulin resistance in obese subjects. <i>European Journal of Endocrinology</i> , 2008 , 158, 61-8	6.5	54
193	Effect of training on muscle triacylglycerol and structural lipids: a relation to insulin sensitivity?. <i>Diabetes</i> , 2003 , 52, 1881-7	0.9	54

192	Two weeks of one-leg immobilization decreases skeletal muscle respiratory capacity equally in young and elderly men. <i>Experimental Gerontology</i> , 2014 , 58, 269-78	4.5	51
191	Metformin-treated patients with type 2 diabetes have normal mitochondrial complex I respiration. <i>Diabetologia</i> , 2012 , 55, 443-9	10.3	51
190	Fat oxidation at rest predicts peak fat oxidation during exercise and metabolic phenotype in overweight men. <i>International Journal of Obesity</i> , 2010 , 34, 871-7	5.5	49
189	The influence of age and aerobic fitness: effects on mitochondrial respiration in skeletal muscle. <i>Acta Physiologica</i> , 2012 , 205, 423-32	5.6	48
188	Skiing across the Greenland icecap: divergent effects on limb muscle adaptations and substrate oxidation. <i>Journal of Experimental Biology</i> , 2003 , 206, 1075-83	3	48
187	Fat utilization during exercise: adaptation to a fat-rich diet increases utilization of plasma fatty acids and very low density lipoprotein-triacylglycerol in humans. <i>Journal of Physiology</i> , 2001 , 537, 1009-20 ⁹	2.9	48
186	Central and peripheral hemodynamics in exercising humans: leg vs arm exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 4, 144-57	4.6	47
185	Long-term fat diet adaptation effects on performance, training capacity, and fat utilization. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1499-504	1.2	47
184	Endurance training per se increases metabolic health in young, moderately overweight men. <i>Obesity</i> , 2012 , 20, 2202-12	8	46
183	Divergent effects of resistance and endurance exercise on plasma bile acids, FGF19, and FGF21 in humans. <i>JCI Insight</i> , 2018 , 3,	9.9	46
182	Cerebral autoregulation dynamics in endurance-trained individuals. <i>Journal of Applied Physiology</i> , 2011 , 110, 1327-33	3.7	45
181	Interrelationships between muscle fibre type, substrate oxidation and body fat. <i>International Journal of Obesity</i> , 1999 , 23, 986-91	5.5	45
180	High-intensity interval training improves insulin sensitivity in older individuals. <i>Acta Physiologica</i> , 2018 , 222, e13009	5.6	45
179	Low-intensity training increases peak arm VO ₂ by enhancing both convective and diffusive O ₂ delivery. <i>Acta Physiologica</i> , 2014 , 211, 122-34	5.6	44
178	Time trends in physical activity in leisure time in the Danish population from 1987 to 2005. <i>Scandinavian Journal of Public Health</i> , 2010 , 38, 121-8	3	44
177	Regular exercise modulates muscle membrane phospholipid profile in rats. <i>Journal of Nutrition</i> , 1999 , 129, 1636-42	4.1	44
176	Leptin receptor 170 kDa (OB-R170) protein expression is reduced in obese human skeletal muscle: a potential mechanism of leptin resistance. <i>Experimental Physiology</i> , 2010 , 95, 160-71	2.4	40
175	Effect of a Web-based intervention to promote physical activity and improve health among physically inactive adults: a population-based randomized controlled trial. <i>Journal of Medical Internet Research</i> , 2012 , 14, e145	7.6	40

174	Two weeks of metformin treatment enhances mitochondrial respiration in skeletal muscle of AMPK kinase dead but not wild type mice. <i>PLoS ONE</i> , 2013 , 8, e53533	3.7	39
173	Football training in men with prostate cancer undergoing androgen deprivation therapy: activity profile and short-term skeletal and postural balance adaptations. <i>European Journal of Applied Physiology</i> , 2016 , 116, 471-80	3.4	38
172	Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 239-44	2.9	37
171	The association between physical activity, cardiorespiratory fitness and self-rated health. <i>Preventive Medicine</i> , 2013 , 57, 900-2	4.3	36
170	Muscle enzyme activity in humans: role of substrate availability and training. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997 , 272, R1620-4	3.2	36
169	Cardiorespiratory fitness in 16025 adults aged 18-91 years and associations with physical activity and sitting time. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 1435-1443	4.6	34
168	Insulin resistance and mitochondrial function in skeletal muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 11-5	5.6	34
167	Aerobic and resistance exercise training reverses age-dependent decline in NAD salvage capacity in human skeletal muscle. <i>Physiological Reports</i> , 2019 , 7, e14139	2.6	33
166	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. <i>European Journal of Epidemiology</i> , 2018 , 33, 953-964	12.1	33
165	Erythropoietin treatment enhances muscle mitochondrial capacity in humans. <i>Frontiers in Physiology</i> , 2012 , 3, 50	4.6	31
164	Maximal Fat Oxidation is Related to Performance in an Ironman Triathlon. <i>International Journal of Sports Medicine</i> , 2017 , 38, 975-982	3.6	30
163	Six weeks aerobic retraining after two weeks immobilization restores leg lean mass and aerobic capacity but does not fully rehabilitate leg strength in young and older men. <i>Journal of Rehabilitation Medicine</i> , 2015 , 47, 552-60	3.4	30
162	Combined heart rate- and accelerometer-assessed physical activity energy expenditure and associations with glucose homeostasis markers in a population at high risk of developing diabetes: the ADDITION-PRO study. <i>Diabetes Care</i> , 2013 , 36, 3062-9	14.6	30
161	Muscle metabolism during graded quadriceps exercise in man. <i>Journal of Physiology</i> , 2007 , 581, 1247-58	3.9	29
160	The best approach: homogenization or manual permeabilization of human skeletal muscle fibers for respirometry?. <i>Analytical Biochemistry</i> , 2014 , 446, 64-8	3.1	28
159	Mitochondrial coupling and capacity of oxidative phosphorylation in skeletal muscle of Inuit and Caucasians in the arctic winter. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 4, 126-34	4.6	28
158	Adipose tissue mitochondrial respiration and lipolysis before and after a weight loss by diet and RYGB. <i>Obesity</i> , 2015 , 23, 2022-9	8	28
157	Impact of the growth hormone receptor exon 3 deletion gene polymorphism on glucose metabolism, lipids, and insulin-like growth factor-I levels during puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 2966-9	5.6	27

156	Are blood flow and lipolysis in subcutaneous adipose tissue influenced by contractions in adjacent muscles in humans?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E394-9	6	27
155	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. <i>Obesity</i> , 2017 , 25, 572-580	8	26
154	An optimized histochemical method to assess skeletal muscle glycogen and lipid stores reveals two metabolically distinct populations of type I muscle fibers. <i>PLoS ONE</i> , 2013 , 8, e77774	3.7	26
153	High-intensity interval training changes mitochondrial respiratory capacity differently in adipose tissue and skeletal muscle. <i>Physiological Reports</i> , 2018 , 6, e13857	2.6	26
152	Preoperative β -cell function in patients with type 2 diabetes is important for the outcome of Roux-en-Y gastric bypass surgery. <i>Journal of Physiology</i> , 2015 , 593, 3123-33	3.9	25
151	Association between plasma leptin and blood pressure in two population-based samples of children and adolescents. <i>Journal of Hypertension</i> , 2011 , 29, 1093-100	1.9	25
150	Interleukin-6 release is higher across arm than leg muscles during whole-body exercise. <i>Experimental Physiology</i> , 2011 , 96, 590-8	2.4	25
149	Adaptation to a fat-rich diet: effects on endurance performance in humans. <i>Sports Medicine</i> , 2000 , 30, 347-57	10.6	25
148	Endurance in high-fat-fed rats: effects of carbohydrate content and fatty acid profile. <i>Journal of Applied Physiology</i> , 1998 , 85, 1342-8	3.7	25
147	Fitness and health benefits of team handball training for young untrained women-A cross-disciplinary RCT on physiological adaptations and motivational aspects. <i>Journal of Sport and Health Science</i> , 2018 , 7, 139-148	8.2	24
146	Muscle strength and physical activity are associated with self-rated health in an adult Danish population. <i>Preventive Medicine</i> , 2013 , 57, 792-8	4.3	24
145	Exercise increases sphingoid base-1-phosphate levels in human blood and skeletal muscle in a time- and intensity-dependent manner. <i>European Journal of Applied Physiology</i> , 2015 , 115, 993-1003	3.4	24
144	Independent effects of endurance training and weight loss on peak fat oxidation in moderately overweight men: a randomized controlled trial. <i>Journal of Applied Physiology</i> , 2015 , 118, 803-10	3.7	24
143	Low-intensity training dissociates metabolic from aerobic fitness. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008 , 18, 86-94	4.6	24
142	Plasma Metabolome Profiling of Resistance Exercise and Endurance Exercise in Humans. <i>Cell Reports</i> , 2020 , 33, 108554	10.6	24
141	Blood temperature and perfusion to exercising and non-exercising human limbs. <i>Experimental Physiology</i> , 2015 , 100, 1118-31	2.4	23
140	Improved glucose tolerance after intensive life style intervention occurs without changes in muscle ceramide or triacylglycerol in morbidly obese subjects. <i>Acta Physiologica</i> , 2011 , 201, 357-64	5.6	23
139	Arm and leg substrate utilization and muscle adaptation after prolonged low-intensity training. <i>Acta Physiologica</i> , 2010 , 199, 519-28	5.6	23

138	Training and natural immunity: effects of diets rich in fat or carbohydrate. <i>European Journal of Applied Physiology</i> , 2000 , 82, 98-102	3.4	23
137	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021 , 12, 1041	17.4	23
136	Determination of the exercise intensity that elicits maximal fat oxidation in individuals with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 405-412	3	22
135	Increased intrinsic mitochondrial function in humans with mitochondrial haplogroup H. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 226-31	4.6	22
134	Muscle triacylglycerol and hormone-sensitive lipase activity in untrained and trained human muscles. <i>European Journal of Applied Physiology</i> , 2006 , 97, 566-72	3.4	22
133	Interstitial glycerol concentrations in human skeletal muscle and adipose tissue during graded exercise. <i>Acta Physiologica Scandinavica</i> , 2004 , 180, 367-77		22
132	Positive effects of 1-year football and strength training on mechanical muscle function and functional capacity in elderly men. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1127-38	3.4	22
131	Assessment of maximal fat oxidation during exercise: A systematic review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 910-921	4.6	21
130	Mitochondrial adaptations to high intensity interval training in older females and males. <i>European Journal of Sport Science</i> , 2020 , 20, 135-145	3.9	21
129	Maintained peak leg and pulmonary VO ₂ despite substantial reduction in muscle mitochondrial capacity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 4, 135-43	4.6	20
128	Hypoadiponectinemia in overweight children contributes to a negative metabolic risk profile 6 years later. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1817-24	12.7	20
127	Time course for the recovery of physical performance, blood hemoglobin, and ferritin content after blood donation. <i>Transfusion</i> , 2015 , 55, 898-905	2.9	19
126	Increased fat oxidation and regulation of metabolic genes with ultraendurance exercise. <i>Acta Physiologica</i> , 2007 , 191, 77-86	5.6	19
125	Statin Treatment Decreases Mitochondrial Respiration But Muscle Coenzyme Q10 Levels Are Unaltered: The LIFESTAT Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2501-2508	5.6	19
124	Influence of maximal fat oxidation on long-term weight loss maintenance in humans. <i>Journal of Applied Physiology</i> , 2017 , 123, 267-274	3.7	18
123	A high carbohydrate diet remains the evidence based choice for elite athletes to optimise performance. <i>Journal of Physiology</i> , 2017 , 595, 2775	3.9	18
122	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. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1398-405	7	18
121	Hepatic mitochondrial oxidative phosphorylation is normal in obese patients with and without type 2 diabetes. <i>Journal of Physiology</i> , 2016 , 594, 4351-8	3.9	18

120	The effect of metformin on glucose homeostasis during moderate exercise. <i>Diabetes Care</i> , 2015 , 38, 293-301	14.6	17
119	Intake of total dietary sugar and fibre is associated with insulin resistance among Danish 8-10- and 14-16-year-old girls but not boys. European Youth Heart Studies I and II. <i>Public Health Nutrition</i> , 2010 , 13, 1669-74	3.3	17
118	Effect of high-fat diets on exercise performance. <i>Proceedings of the Nutrition Society</i> , 1998 , 57, 73-5	2.9	17
117	Diurnal Variation of Maximal Fat-Oxidation Rate in Trained Male Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 1140-1146	3.5	16
116	Repeated prolonged whole-body low-intensity exercise: effects on insulin sensitivity and limb muscle adaptations. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 217-23	12.7	16
115	Training Does Not Alter Muscle Ceramide and Diacylglycerol in Offsprings of Type 2 Diabetic Patients Despite Improved Insulin Sensitivity. <i>Journal of Diabetes Research</i> , 2016 , 2016, 2372741	3.9	16
114	The effect of age and unilateral leg immobilization for 2 weeks on substrate utilization during moderate-intensity exercise in human skeletal muscle. <i>Journal of Physiology</i> , 2016 , 594, 2339-58	3.9	16
113	Anthropometry, DXA, and leptin reflect subcutaneous but not visceral abdominal adipose tissue on MRI in 197 healthy adolescents. <i>Pediatric Research</i> , 2017 , 82, 620-628	3.2	15
112	Impact of data analysis methods for maximal fat oxidation estimation during exercise in sedentary adults. <i>European Journal of Sport Science</i> , 2019 , 19, 1230-1239	3.9	15
111	Menstrual cycle phase does not affect whole body peak fat oxidation rate during a graded exercise test. <i>Journal of Applied Physiology</i> , 2020 , 128, 681-687	3.7	15
110	Bone mineral density in lifelong trained male football players compared with young and elderly untrained men. <i>Journal of Sport and Health Science</i> , 2018 , 7, 159-168	8.2	15
109	The effects of 2 weeks of statin treatment on mitochondrial respiratory capacity in middle-aged males: the LIFESTAT study. <i>European Journal of Clinical Pharmacology</i> , 2017 , 73, 679-687	2.8	14
108	Plasma free fatty acid concentration is closely tied to whole body peak fat oxidation rate during repeated exercise. <i>Journal of Applied Physiology</i> , 2019 , 126, 1563-1571	3.7	14
107	Muscle-Saturated Bioactive Lipids Are Increased with Aging and Influenced by High-Intensity Interval Training. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
106	Increased post-operative cardiopulmonary fitness in gastric bypass patients is explained by weight loss. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 1428-1434	4.6	14
105	Actovegin, a non-prohibited drug increases oxidative capacity in human skeletal muscle. <i>European Journal of Sport Science</i> , 2016 , 16, 801-7	3.9	14
104	Aerobic Exercise Training Increases Muscle Water Content in Obese Middle-Age Men. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 822-8	1.2	14
103	Simvastatin-Induced Insulin Resistance May Be Linked to Decreased Lipid Uptake and Lipid Synthesis in Human Skeletal Muscle: the LIFESTAT Study. <i>Journal of Diabetes Research</i> , 2018 , 2018, 9257874	3.9	14

102	Validation of an Internet-Based Long Version of the International Physical Activity Questionnaire in Danish Adults Using Combined Accelerometry and Heart Rate Monitoring. <i>Journal of Physical Activity and Health</i> , 2014 , 11, 654-664	2.5	13
101	Effects of exercise training on mitochondrial function in patients with type 2 diabetes. <i>World Journal of Diabetes</i> , 2014 , 5, 482-92	4.7	13
100	Exercise interventions to prevent and manage type 2 diabetes: physiological mechanisms. <i>Medicine and Sport Science</i> , 2014 , 60, 36-47		13
99	High-fat feeding inhibits exercise-induced increase in mitochondrial respiratory flux in skeletal muscle. <i>Journal of Applied Physiology</i> , 2011 , 110, 1607-14	3.7	13
98	Contraction-mediated glucose uptake is increased in men with impaired glucose tolerance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 115-24	3	13
97	Insulin sensitivity, muscle fibre types, and membrane lipids. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 441, 129-38	3.6	13
96	Peak Fat Oxidation is not Independently Related to Ironman Performance in Women. <i>International Journal of Sports Medicine</i> , 2018 , 39, 916-923	3.6	13
95	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. <i>Acta Physiologica</i> , 2018 , 224, e13100	5.6	13
94	Effects of 6-month aerobic interval training on skeletal muscle metabolism in middle-aged metabolic syndrome patients. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 585-595	4.6	12
93	Immobilization increases interleukin-6, but not tumour necrosis factor- α release from the leg during exercise in humans. <i>Experimental Physiology</i> , 2013 , 98, 778-83	2.4	12
92	Eccentric contractions affect muscle membrane phospholipid fatty acid composition in rats. <i>Experimental Physiology</i> , 2001 , 86, 599-604	2.4	12
91	Effects of one-legged high-intensity interval training on insulin-mediated skeletal muscle glucose homeostasis in patients with type 2 diabetes. <i>Acta Physiologica</i> , 2019 , 226, e13245	5.6	12
90	Football training over 5 years is associated with preserved femoral bone mineral density in men with prostate cancer. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28 Suppl 1, 61-73	4.6	11
89	Partial restoration of dietary fat induced metabolic adaptations to training by 7 days of carbohydrate diet. <i>Journal of Applied Physiology</i> , 2002 , 93, 1797-805	3.7	11
88	Cardiovascular, muscular, and skeletal adaptations to recreational team handball training: a randomized controlled trial with young adult untrained men. <i>European Journal of Applied Physiology</i> , 2019 , 119, 561-573	3.4	11
87	Variation in mitochondrial respiratory capacity and myosin heavy chain composition in repeated muscle biopsies. <i>Analytical Biochemistry</i> , 2018 , 556, 119-124	3.1	11
86	Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. <i>Journal of Sports Sciences</i> , 2015 , 33, 570-8	3.6	10
85	Leydig cell dysfunction, systemic inflammation and metabolic syndrome in long-term testicular cancer survivors. <i>European Journal of Cancer</i> , 2017 , 84, 9-17	7.5	10

84	Repeated Excessive Exercise Attenuates the Anti-Inflammatory Effects of Exercise in Older Men. <i>Frontiers in Physiology</i> , 2017 , 8, 407	4.6	10
83	Influence of age on leptin induced skeletal muscle signalling. <i>Acta Physiologica</i> , 2014 , 211, 214-28	5.6	10
82	The incretin effect does not differ in trained and untrained, young, healthy men. <i>Acta Physiologica</i> , 2014 , 210, 565-72	5.6	10
81	Muscle ceramide content in man is higher in type I than type II fibers and not influenced by glycogen content. <i>European Journal of Applied Physiology</i> , 2010 , 109, 935-43	3.4	10
80	Four weeks one-leg training and high fat diet does not alter PPARalpha protein or mRNA expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2007 , 101, 105-14	3.4	10
79	LIFESTAT - Living with statins: An interdisciplinary project on the use of statins as a cholesterol-lowering treatment and for cardiovascular risk reduction. <i>Scandinavian Journal of Public Health</i> , 2016 , 44, 534-9	3	9
78	Ceramide content is higher in type I compared to type II fibers in obesity and type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2013 , 50, 705-12	3.9	9
77	Maintaining a clinical weight loss after intensive lifestyle intervention is the key to cardiometabolic health. <i>Obesity Research and Clinical Practice</i> , 2017 , 11, 489-498	5.4	9
76	Muscle dysfunction during exercise of a single skeletal muscle in rats with congestive heart failure is not associated with reduced muscle blood supply. <i>Acta Physiologica Scandinavica</i> , 2004 , 181, 173-81		9
75	Insulin resistance. Influence of diet and physical activity. <i>World Review of Nutrition and Dietetics</i> , 2001 , 90, 26-43	0.2	9
74	Higher muscle content of perilipin 5 and endothelial lipase protein in trained than untrained middle-aged men. <i>Physiological Research</i> , 2016 , 65, 293-302	2.1	9
73	Dynamic changes in DICER levels in adipose tissue control metabolic adaptations to exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 23932-23941 ^{11.5}		9
72	The effects of diet- and RYGB-induced weight loss on insulin sensitivity in obese patients with and without type 2 diabetes. <i>Acta Diabetologica</i> , 2016 , 53, 423-32	3.9	9
71	Temporary impact of blood donation on physical performance and hematologic variables in women. <i>Transfusion</i> , 2017 , 57, 1905-1911	2.9	8
70	Mitochondrial respiratory capacity remains stable despite a comprehensive and sustained increase in insulin sensitivity in obese patients undergoing gastric bypass surgery. <i>Acta Physiologica</i> , 2018 , 223, e13032	5.6	8
69	Moving in extreme environments: extreme loading; carriage versus distance. <i>Extreme Physiology and Medicine</i> , 2016 , 5, 6		8
68	Meal induced gut hormone secretion is altered in aerobically trained compared to sedentary young healthy males. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2737-47	3.4	8
67	Adverse metabolic risk profiles in Greenlandic Inuit children compared to Danish children. <i>Obesity</i> , 2013 , 21, 1226-31	8	8

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