

J W Helge

List of Publications by Year in Descending Order

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

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	Extreme duration exercise affects old and younger men differently.. <i>Acta Physiologica</i> , 2022 , e13816	5.6	0
226	No diurnal variation is present in maximal fat oxidation during exercise in young healthy women: a cross-over study.. <i>European Journal of Sport Science</i> , 2022 , 1-12	3.9	0
225	A Model for Estimating Biological Age From Physiological Biomarkers of Healthy Aging: Cross-sectional Study.. <i>JMIR Aging</i> , 2022 , 5, e35696	4.8	0
224	Reliability and variation in mitochondrial respiration in human adipose tissue. <i>Adipocyte</i> , 2021 , 10, 605-611	3.1	0
223	The influence of age, sex and cardiorespiratory fitness on maximal fat oxidation rate. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1241-1247	3	2
222	One year of Football Fitness improves L1-L4 BMD, postural balance, and muscle strength in women treated for breast cancer. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 1545-1557	4.6	4
221	Endotrophin is associated with chronic multimorbidity and all-cause mortality in a cohort of elderly women. <i>EBioMedicine</i> , 2021 , 68, 103391	8.8	3
220	High bone mineral density in lifelong trained female team handball players and young elite football players. <i>European Journal of Applied Physiology</i> , 2021 , 121, 2825-2836	3.4	0
219	Maximal Fat Oxidation Rate Is Higher in Fit Women and Unfit Women With Obesity, Compared to Normal-weight Unfit Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4389-e4399	5.6	0
218	The training induced increase in whole-body peak fat oxidation rate may be attenuated with aging. <i>European Journal of Sport Science</i> , 2021 , 21, 69-76	3.9	4
217	Effects of football fitness training on lymphedema and upper-extremity function in women after treatment for breast cancer: a randomized trial. <i>Acta Oncologica</i> , 2021 , 60, 392-400	3.2	2
216	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021 , 12, 1041	17.4	23
215	Effect of 6 weeks of very low-volume high-intensity interval training on oral glucose-stimulated incretin hormone response. <i>European Journal of Sport Science</i> , 2021 , 1-9	3.9	1
214	Peak Fat Oxidation Rate Is Closely Associated With Plasma Free Fatty Acid Concentrations in Women; Similar to Men. <i>Frontiers in Physiology</i> , 2021 , 12, 696261	4.6	1
213	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. <i>Free Radical Biology and Medicine</i> , 2021 , 173, 1-6	7.8	2
212	Directly measured aerobic fitness in male Maasai of Tanzania. <i>American Journal of Human Biology</i> , 2021 , e23674	2.7	1
211	Acute erythropoietin injection increases muscle mitochondrial respiratory capacity in young men: a double-blinded randomized crossover trial. <i>Journal of Applied Physiology</i> , 2021 , 131, 1340-1347	3.7	

210	Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 2249-2258	4.6	3
209	The Long-term Effect of Different Exercise Intensities on High-Density Lipoprotein Cholesterol in Older Men and Women Using the Per Protocol Approach: The Generation 100 Study. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021 , 5, 859-871	3.1	1
208	Low-Grade Inflammation Is Not Present in Former Obese Males but Adipose Tissue Macrophage Infiltration Persists. <i>Biomedicines</i> , 2020 , 8,	4.8	3
207	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
206	A Biological Age Model Designed for Health Promotion Interventions: Protocol for an Interdisciplinary Study for Model Development. <i>JMIR Research Protocols</i> , 2020 , 9, e19209	2	1
205	Effects of small-sided recreational team handball training on mechanical muscle function, body composition and bone mineralization in untrained young adults-A randomized controlled trial. <i>PLoS ONE</i> , 2020 , 15, e0241359	3.7	1
204	Plasma Metabolome Profiling of Resistance Exercise and Endurance Exercise in Humans. <i>Cell Reports</i> , 2020 , 33, 108554	10.6	24
203	Cardiovascular and metabolic health effects of team handball training in overweight women: Impact of prior experience. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 281-294	4.6	7
202	The effectiveness of body age-based intervention in workplace health promotion: Results of a cohort study on 9851 Danish employees. <i>PLoS ONE</i> , 2020 , 15, e0239337	3.7	0
201	Beta-aminoisobutyric acid is released by contracting human skeletal muscle and lowers insulin release from INS-1 832/3β cells by mediating mitochondrial energy metabolism. <i>Metabolism Open</i> , 2020 , 7, 100053	2.8	8
200	Exercise intensity and cardiovascular health outcomes after 12 months of football fitness training in women treated for stage I-III breast cancer: Results from the football fitness After Breast Cancer (ABC) randomized controlled trial. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 792-799	8.5	8
199	The relationship between peak fat oxidation and prolonged double-poling endurance exercise performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 2044-2056	4.6	2
198	Reply to Dutheil et al. <i>Journal of Applied Physiology</i> , 2020 , 129, 2	3.7	
197	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}	11.5	9
196	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
195	Dietary habits, metabolic health and vitamin D status in Greenlandic children. <i>Public Health Nutrition</i> , 2020 , 23, 904-913	3.3	2
194	Influence of exercise amount and intensity on long-term weight loss maintenance and skeletal muscle mitochondrial ROS production in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 958-964	3	2
193	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

192	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
191	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
190	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
189	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
188	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
187	Determination and validation of peak fat oxidation in endurance-trained men using an upper body graded exercise test. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 1677-1690	4.6	2
186	Optimizing Maximal Fat Oxidation Assessment by a Treadmill-Based Graded Exercise Protocol: When Should the Test End?. <i>Frontiers in Physiology</i> , 2019 , 10, 909	4.6	4
185	Football as Medicine against type 2 diabetes and metabolic syndrome 2019 , 25-40		
184	Aerobic Exercise Performance and Muscle Strength in Statin Users-The LIFESTAT Study. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1429-1437	1.2	5
183	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
182	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
181	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
180	Inflammatory biomarkers in patients in Simvastatin treatment: No effect of co-enzyme Q10 supplementation. <i>Cytokine</i> , 2019 , 113, 393-399	4	8
179	Glucose homeostasis in statin users-The LIFESTAT study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3110	7.5	6
178	Coenzyme Q10 does not improve peripheral insulin sensitivity in statin-treated men and women: the LIFESTAT study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 485-492	3	7
177	The Influence of Age and Cardiorespiratory Fitness on Bioactive Lipids in Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 778-786	6.4	5
176	Correlates and predictors of obesity-specific quality of life of former participants of a residential intensive lifestyle intervention. <i>Obesity Science and Practice</i> , 2018 , 4, 188-193	2.6	2
175	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

174	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. <i>European Journal of Epidemiology</i> , 2018 , 33, 953-964	12.1	33
173	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
172	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
171	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
170	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
169	High-intensity interval training improves insulin sensitivity in older individuals. <i>Acta Physiologica</i> , 2018 , 222, e13009	5.6	45
168	Associations between vitamin D status and atherosclerosis among Inuit in Greenland. <i>Atherosclerosis</i> , 2018 , 268, 145-151	3.1	4
167	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
166	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
165	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
164	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
163	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
162	2706 km cycling in 2 weeks: effects on cardiac function in 6 elderly male athletes. <i>Physician and Sportsmedicine</i> , 2018 , 46, 263-268	2.4	1
161	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
160	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
159	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
158	Repeated lifestyle interventions lead to progressive weight loss: A retrospective review chart study. <i>Scandinavian Journal of Public Health</i> , 2017 , 45, 305-313	3	7
157	Relationship between volition, physical activity and weight loss maintenance: Study rationale, design, methods and baseline characteristics. <i>Scandinavian Journal of Public Health</i> , 2017 , 45, 299-304	3	2

156	Is there plasticity in mitochondrial cristae density with endurance training?. <i>Journal of Physiology</i> , 2017 , 595, 2985	3.9	3
155	Temporary impact of blood donation on physical performance and hematologic variables in women. <i>Transfusion</i> , 2017 , 57, 1905-1911	2.9	8
154	Reproductive hormones and metabolic syndrome in 24 testicular cancer survivors and their biological brothers. <i>Andrology</i> , 2017 , 5, 718-724	4.2	4
153	Repeated Prolonged Exercise Decreases Maximal Fat Oxidation in Older Men. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 308-316	1.2	5
152	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
151	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
150	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
149	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
148	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
147	A randomized double-blind study of testosterone replacement therapy or placebo in testicular cancer survivors with mild Leydig cell insufficiency (Einstein-intervention). <i>BMC Cancer</i> , 2017 , 17, 461	4.8	3
146	Macrophage Area Content and Phenotype in Hepatic and Adipose Tissue in Patients with Obesity Undergoing Roux-en-Y Gastric Bypass. <i>Obesity</i> , 2017 , 25, 1921-1931	8	7
145	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
144	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
143	Repeated Excessive Exercise Attenuates the Anti-Inflammatory Effects of Exercise in Older Men. <i>Frontiers in Physiology</i> , 2017 , 8, 407	4.6	10
142	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
141	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
140	Moving in extreme environments: extreme loading; carriage versus distance. <i>Extreme Physiology and Medicine</i> , 2016 , 5, 6		8
139	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

138	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
137	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
136	Exercise promotes IL-6 release from legs in older men with minor response to unilateral immobilization. <i>European Journal of Sport Science</i> , 2016 , 16, 1039-46	3.9	5
135	Effects of immobilization and aerobic training on proteins related to intramuscular substrate storage and metabolism in young and older men. <i>European Journal of Applied Physiology</i> , 2016 , 116, 481-94	3.4	7
134	Effect of regional muscle location but not adiposity on mitochondrial biogenesis-regulating proteins. <i>European Journal of Applied Physiology</i> , 2016 , 116, 11-8	3.4	3
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	Comment on Reñn et al. Expression changes in human skeletal muscle miRNAs following 10 days of bed rest in young healthy males. <i>Acta Physiol</i> 2014; 210: 655-666. <i>Acta Physiologica</i> , 2015 , 214, 157	5.6	1
124	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
123	The effect of metformin on glucose homeostasis during moderate exercise. <i>Diabetes Care</i> , 2015 , 38, 293-301	14.6	17
122	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
121	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

120	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
119	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
118	Blood temperature and perfusion to exercising and non-exercising human limbs. <i>Experimental Physiology</i> , 2015 , 100, 1118-31	2.4	23
117	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
116	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
115	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
114	The Effect of Reduced Physical Activity and Retraining on Blood Lipids and Body Composition in Young and Older Adult Men. <i>Journal of Aging and Physical Activity</i> , 2015 , 23, 489-95	1.6	7
113	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
112	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
111	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
110	Comment on Chondronikola et al. Brown adipose tissue improves whole-body glucose homeostasis and insulin sensitivity in humans. <i>Diabetes</i> 2014;63:4089-4099. <i>Diabetes</i> , 2015 , 64, e12-3	0.9	1
109	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
108	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
107	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
106	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
105	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
104	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
103	Acute exercise improves motor memory: exploring potential biomarkers. <i>Neurobiology of Learning and Memory</i> , 2014 , 116, 46-58	3.1	193

102	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
101	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
100	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
99	Exercise interventions to prevent and manage type 2 diabetes: physiological mechanisms. <i>Medicine and Sport Science</i> , 2014 , 60, 36-47		13
98	A maximal cycle test with good validity and high repeatability in adults of all ages. <i>International Journal of Sports Medicine</i> , 2014 , 35, 1184-9	3.6	6
97	Influence of age on leptin induced skeletal muscle signalling. <i>Acta Physiologica</i> , 2014 , 211, 214-28	5.6	10
96	The incretin effect does not differ in trained and untrained, young, healthy men. <i>Acta Physiologica</i> , 2014 , 210, 565-72	5.6	10
95	Increased intrinsic mitochondrial function in humans with mitochondrial haplogroup H. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 226-31	4.6	22
94	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
93	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
92	The association between physical activity, cardiorespiratory fitness and self-rated health. <i>Preventive Medicine</i> , 2013 , 57, 900-2	4.3	36
91	Reply: To PMID 23287371. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2393	15.1	
90	Reply: To PMID 23287371. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 257-258	15.1	
89	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
88	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
87	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
86	Insulin resistance and mitochondrial function in skeletal muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 11-5	5.6	34
85	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

84	Adverse metabolic risk profiles in Greenlandic Inuit children compared to Danish children. <i>Obesity</i> , 2013 , 21, 1226-31	8	8
83	Ethnic differences in leptin and adiponectin levels between Greenlandic Inuit and Danish children. <i>International Journal of Circumpolar Health</i> , 2013 , 72,	1.7	3
82	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
81	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
80	Skeletal muscle mitochondrial respiration in AMPK α kinase-dead mice. <i>Acta Physiologica</i> , 2012 , 205, 314-20	5.6	5
79	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
78	Metformin-treated patients with type 2 diabetes have normal mitochondrial complex I respiration. <i>Diabetologia</i> , 2012 , 55, 443-9	10.3	51
77	Muscle ceramide content is similar after 3 weeks consumption of fat or carbohydrate diet in a crossover design in patients with type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2012 , 112, 911-8	3.4	7
76	Biomarkers of mitochondrial content in skeletal muscle of healthy young human subjects. <i>Journal of Physiology</i> , 2012 , 590, 3349-60	3.9	665
75	Endurance training per se increases metabolic health in young, moderately overweight men. <i>Obesity</i> , 2012 , 20, 2202-12	8	46
74	Erythropoietin treatment enhances muscle mitochondrial capacity in humans. <i>Frontiers in Physiology</i> , 2012 , 3, 50	4.6	31
73	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
72	Metabolic profile in two physically active Inuit groups consuming either a western or a traditional Inuit diet. <i>International Journal of Circumpolar Health</i> , 2012 , 71, 173-42	1.7	8
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