

Flemming Dela

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.

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 | LEAP2 reduces postprandial glucose excursions and food intake in healthy men.. <i>Cell Reports Medicine</i> , 2022 , 3, 100582 | 18 | 3 |
| 278 | Extreme duration exercise affects old and younger men differently.. <i>Acta Physiologica</i> , 2022 , e13816 | 5.6 | 0 |
| 277 | 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 |
| 276 | Reliability and variation in mitochondrial respiration in human adipose tissue. <i>Adipocyte</i> , 2021 , 10, 605-611 | 3.1 | 0 |
| 275 | 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 |
| 274 | 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 |
| 273 | Effects of endogenous GIP in patients with type 2 diabetes. <i>European Journal of Endocrinology</i> , 2021 , 185, 33-45 | 6.5 | 4 |
| 272 | 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. <i>European Journal of Sport Science</i> , 2021 , 21, 614-635 | 3.9 | 161 |
| 271 | 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 |
| 270 | The Mineralocorticoid Receptor Antagonist Eplerenone Suppresses Interstitial Fibrosis in Subcutaneous Adipose Tissue in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2021 , 70, 196-203 | 0.9 | 3 |
| 269 | Down stair walking: A simple method to increase muscle mass and performance in 65+ year healthy people. <i>European Journal of Sport Science</i> , 2021 , 1-10 | 3.9 | 4 |
| 268 | 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 |
| 267 | 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 |
| 266 | 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. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1133-1142 | 3 | 1 |
| 265 | 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 | |
| 264 | 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 |
| 263 | 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. <i>Diabetes Care</i> , 2020 , 43, 588-596 | 14.6 | 18 |

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|-----|--|------|----|
| 262 | The Role of Muscle Protein and Energy Metabolism in Statin-Associated Muscle Symptoms. <i>Contemporary Cardiology</i> , 2020 , 113-120 | 0.1 | |
| 261 | 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 |
| 260 | 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 |
| 259 | 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 |
| 258 | Simvastatin improves mitochondrial respiration in peripheral blood cells. <i>Scientific Reports</i> , 2020 , 10, 17012 | 4.9 | 4 |
| 257 | 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 |
| 256 | Reply to Dutheil et al. <i>Journal of Applied Physiology</i> , 2020 , 129, 2 | 3.7 | |
| 255 | 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 |
| 254 | Mitochondrial dysfunction in adults after out-of-hospital cardiac arrest. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, S138-S144 | 4.3 | 6 |
| 253 | 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 |
| 252 | Effects of Long-Term Physical Activity and Diet on Skin Glycation and Achilles Tendon Structure. <i>Nutrients</i> , 2019 , 11, | 6.7 | 4 |
| 251 | 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). <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2305-2314 | 6.7 | 5 |
| 250 | Impaired mitochondrial oxidative phosphorylation capacity in epicardial adipose tissue is associated with decreased concentration of adiponectin and severity of coronary atherosclerosis. <i>Scientific Reports</i> , 2019 , 9, 3535 | 4.9 | 9 |
| 249 | 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 |
| 248 | 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 |
| 247 | Copenhagen Consensus statement 2019: physical activity and ageing. <i>British Journal of Sports Medicine</i> , 2019 , 53, 856-858 | 10.3 | 71 |
| 246 | 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 |
| 245 | Mitochondrial reactive oxygen species generation in blood cells is associated with disease severity and exercise intolerance in heart failure patients. <i>Scientific Reports</i> , 2019 , 9, 14709 | 4.9 | 14 |

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| 244 | GIP-induced vasodilation in human adipose tissue involves capillary recruitment. <i>Endocrine Connections</i> , 2019 , 8, 806-813 | 3.5 | 6 |
| 243 | 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 |
| 242 | Aging in high functioning elderly persons: study design and analyses of behavioral and psychological factors. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29 Suppl 1, 7-16 | 4.6 | 6 |
| 241 | 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 |
| 240 | Trajectories of cardio-metabolic health in successful aging. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29 Suppl 1, 44-51 | 4.6 | 6 |
| 239 | 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 |
| 238 | The rise of statins in Denmark: Making the case for a localized approach to the routinization of pharmaceutical prevention of cardiovascular disease. <i>BioSocieties</i> , 2019 , 14, 228-250 | 1.5 | 1 |
| 237 | Low N-terminal pro-brain natriuretic peptide levels are associated with non-alcoholic fatty liver disease in patients with type 2 diabetes. <i>Diabetes and Metabolism</i> , 2019 , 45, 429-435 | 5.4 | 7 |
| 236 | Inflammatory biomarkers in patients in Simvastatin treatment: No effect of co-enzyme Q10 supplementation. <i>Cytokine</i> , 2019 , 113, 393-399 | 4 | 8 |
| 235 | Glucose homeostasis in statin users-The LIFESTAT study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3110 | 7.5 | 6 |
| 234 | Increased oxidation of RNA despite reduced mitochondrial respiration after chronic electroconvulsive stimulation of rat brain tissue. <i>Neuroscience Letters</i> , 2019 , 690, 1-5 | 3.3 | 5 |
| 233 | 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 |
| 232 | 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 |
| 231 | Acetaminophen toxicity induces mitochondrial complex I inhibition in human liver tissue. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 126, 86 | 3.1 | 3 |
| 230 | 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 |
| 229 | 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 |
| 228 | GIP(3-30)NH is an efficacious GIP receptor antagonist in humans: a randomised, double-blinded, placebo-controlled, crossover study. <i>Diabetologia</i> , 2018 , 61, 413-423 | 10.3 | 52 |
| 227 | High-intensity interval training improves insulin sensitivity in older individuals. <i>Acta Physiologica</i> , 2018 , 222, e13009 | 5.6 | 45 |

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|-----|--|-----|----|
| 226 | Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. <i>Neurobiology of Aging</i> , 2018 , 61, 215-224 | 5.6 | 13 |
| 225 | 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 |
| 224 | 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 |
| 223 | 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 |
| 222 | 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 |
| 221 | 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 |
| 220 | 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 |
| 219 | Pre-ischaeamic mitochondrial substrate constraint by inhibition of malate-aspartate shuttle preserves mitochondrial function after ischaemia-reperfusion. <i>Journal of Physiology</i> , 2017 , 595, 3765-3780 | 3.0 | 28 |
| 218 | 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 |
| 217 | 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 |
| 216 | Insulin sensitivity in relation to fat distribution and plasma adipocytokines among abusers of anabolic androgenic steroids. <i>Clinical Endocrinology</i> , 2017 , 87, 249-256 | 3.4 | 21 |
| 215 | 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 |
| 214 | Lack of effect of prolonged treatment with liraglutide on cardiac remodeling in rats after acute myocardial infarction. <i>Peptides</i> , 2017 , 93, 1-12 | 3.8 | 10 |
| 213 | Is there plasticity in mitochondrial cristae density with endurance training?. <i>Journal of Physiology</i> , 2017 , 595, 2985 | 3.9 | 3 |
| 212 | Temporary impact of blood donation on physical performance and hematologic variables in women. <i>Transfusion</i> , 2017 , 57, 1905-1911 | 2.9 | 8 |
| 211 | 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 |
| 210 | 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 |
| 209 | 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 |

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| 208 | 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 |
| 207 | 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 |
| 206 | Raman probing of lipids, proteins, and mitochondria in skeletal myocytes: a case study on obesity. <i>Journal of Raman Spectroscopy</i> , 2017 , 48, 1158-1165 | 2.3 | 10 |
| 205 | The Gluco- and Liporegulatory and Vasodilatory Effects of Glucose-Dependent Insulinotropic Polypeptide (GIP) Are Abolished by an Antagonist of the Human GIP Receptor. <i>Diabetes</i> , 2017 , 66, 2363-2371 | 6.9 | 64 |
| 204 | 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 |
| 203 | Repeated Excessive Exercise Attenuates the Anti-Inflammatory Effects of Exercise in Older Men. <i>Frontiers in Physiology</i> , 2017 , 8, 407 | 4.6 | 10 |
| 202 | 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 |
| 201 | Insulin Plays a Permissive Role for the Vasoactive Effect of GIP Regulating Adipose Tissue Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3155-62 | 5.6 | 22 |
| 200 | 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 |
| 199 | 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 |
| 198 | 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 |
| 197 | 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 |
| 196 | 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 |
| 195 | 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. <i>Journal of Obesity</i> , 2016 , 2016, 3474816 | 3.7 | 6 |
| 194 | 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 |
| 193 | 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 |
| 192 | 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 |
| 191 | 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 |

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|-----|---|------|----|
| 190 | Effects of a 12-week alpine skiing intervention on endothelial progenitor cells, peripheral arterial tone and endothelial biomarkers in the elderly. <i>International Journal of Cardiology</i> , 2016 , 214, 343-7 | 3.2 | 21 |
| 189 | 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 |
| 188 | Effect of moderate- versus high-intensity exercise on vascular function, biomarkers and quality of life in heart transplant recipients: A randomized, crossover trial. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1033-41 | 5.8 | 37 |
| 187 | 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 |
| 186 | Quadriceps exercise intolerance in patients with chronic obstructive pulmonary disease: the potential role of altered skeletal muscle mitochondrial respiration. <i>Journal of Applied Physiology</i> , 2015 , 119, 882-8 | 3.7 | 27 |
| 185 | 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 |
| 184 | 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 |
| 183 | The effect of metformin on glucose homeostasis during moderate exercise. <i>Diabetes Care</i> , 2015 , 38, 293-301 | 14.6 | 17 |
| 182 | GAPDH and βactin 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 |
| 181 | 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 |
| 180 | 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 |
| 179 | The psychological profile of bariatric patients with and without type 2 diabetes: baseline results of the longitudinal GASMITO-PSYC study. <i>Surgery for Obesity and Related Diseases</i> , 2015 , 11, 412-8 | 3 | 8 |
| 178 | Adjustments of muscle capillarity but not mitochondrial protein with skiing in the elderly. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e360-7 | 4.6 | 5 |
| 177 | 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 |
| 176 | Tissue-specific and substrate-specific mitochondrial bioenergetics in feline cardiac and skeletal muscles. <i>Journal of Veterinary Medical Science</i> , 2015 , 77, 669-75 | 1.1 | 3 |
| 175 | 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 |
| 174 | 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 |
| 173 | Preoperative βcell 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 |

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| 172 | Effects of angiotensin II receptor blockade on cerebral, cardiovascular, counter-regulatory, and symptomatic responses during hypoglycaemia in patients with type 1 diabetes. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1036-45 | 3 | 4 |
| 171 | Alpine Skiing With total knee ArthroPlasty (ASWAP): impact on molecular and architectural features of musculo-skeletal ageing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 2, 33-9 | 4.6 | 4 |
| 170 | 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 |
| 169 | Alpine Skiing With total knee ArthroPlasty (ASWAP): study design and intervention. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 2, 3-9 | 4.6 | 14 |
| 168 | Alpine Skiing With total knee ArthroPlasty (ASWAP): metabolism, inflammation, and skeletal muscle fiber characteristics. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 2, 40-8 | 4.6 | 4 |
| 167 | A novel method for determining human ex vivo submaximal skeletal muscle mitochondrial function. <i>Journal of Physiology</i> , 2015 , 593, 3991-4010 | 3.9 | 11 |
| 166 | Functional adaptation of the human Ecells after frequent exposure to noradrenaline. <i>Journal of Physiology</i> , 2015 , 593, 3199-206 | 3.9 | 3 |
| 165 | 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 |
| 164 | Impaired cardiac mitochondrial oxidative phosphorylation and enhanced mitochondrial oxidative stress in feline hypertrophic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1237-47 | 5.2 | 29 |
| 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 | 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 |
| 161 | Coronary flow reserve predicts cardiopulmonary fitness in patients with coronary artery disease independently of systolic and diastolic function. <i>Echocardiography</i> , 2014 , 31, 654-62 | 1.5 | 9 |
| 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 | Psychological predictors of mental health and health-related quality of life after bariatric surgery: a review of the recent research. <i>Obesity Research and Clinical Practice</i> , 2014 , 8, e314-24 | 5.4 | 43 |
| 158 | Psychological predictors of weight loss after bariatric surgery: a review of the recent research. <i>Obesity Research and Clinical Practice</i> , 2014 , 8, e299-313 | 5.4 | 97 |
| 157 | Cardiac, skeletal, and smooth muscle mitochondrial respiration: are all mitochondria created equal?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H346-52 | 5.2 | 71 |
| 156 | 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 |
| 155 | Physical inactivity affects skeletal muscle insulin signaling in a birth weight-dependent manner. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 71-8 | 3.2 | 18 |

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| 154 | 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 |
| 153 | Exercise interventions to prevent and manage type 2 diabetes: physiological mechanisms. <i>Medicine and Sport Science</i> , 2014 , 60, 36-47 | | 13 |
| 152 | Influence of age on leptin induced skeletal muscle signalling. <i>Acta Physiologica</i> , 2014 , 211, 214-28 | 5.6 | 10 |
| 151 | The incretin effect does not differ in trained and untrained, young, healthy men. <i>Acta Physiologica</i> , 2014 , 210, 565-72 | 5.6 | 10 |
| 150 | Exercise-induced regulation of matrix metalloproteinases in the skeletal muscle of subjects with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2014 , 11, 324-34 | 3.3 | 14 |
| 149 | Increased intrinsic mitochondrial function in humans with mitochondrial haplogroup H. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 226-31 | 4.6 | 22 |
| 148 | Glucose-dependent insulinotropic polypeptide has impaired effect on abdominal, subcutaneous adipose tissue metabolism in obese subjects. <i>International Journal of Obesity</i> , 2014 , 38, 259-65 | 5.5 | 24 |
| 147 | Physical inactivity and muscle oxidative capacity in humans. <i>European Journal of Sport Science</i> , 2014 , 14, 376-83 | 3.9 | 12 |
| 146 | Interleukin-6: possible biological roles during exercise. <i>European Journal of Sport Science</i> , 2014 , 14, 242-50 | 5.9 | 60 |
| 145 | The relationship between skeletal muscle mitochondrial citrate synthase activity and whole body oxygen uptake adaptations in response to exercise training. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2014 , 6, 84-101 | 3.4 | 48 |
| 144 | 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 |
| 143 | Improved glucose tolerance after high-load strength training in patients undergoing dialysis. <i>Nephron Clinical Practice</i> , 2013 , 123, 134-41 | | 8 |
| 142 | Increase in IL-6, TNF- α and MMP-9, but not sICAM-1, concentrations depends on exercise duration. <i>European Journal of Applied Physiology</i> , 2013 , 113, 851-8 | 3.4 | 46 |
| 141 | Decreased mitochondrial oxidative phosphorylation capacity in the human heart with left ventricular systolic dysfunction. <i>European Journal of Heart Failure</i> , 2013 , 15, 150-7 | 12.3 | 49 |
| 140 | Reply: To PMID 23287371. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2393 | 15.1 | |
| 139 | Reply: To PMID 23287371. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 257-258 | 15.1 | |
| 138 | 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 |
| 137 | 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 |

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| 136 | Insulin resistance and mitochondrial function in skeletal muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 11-5 | 5.6 | 34 |
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