

# J A L Calbet

## 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.

234  
papers

10,549  
citations

59  
h-index

93  
g-index

251  
ext. papers

12,251  
ext. citations

3.9  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
234	Treatment of hypertension with angiotensin-converting enzyme inhibitors or angiotensin receptor blockers and resting metabolic rate: A cross-sectional study. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 2106	2.3	1
233	Resting metabolic rate is increased in hypertensive patients with overweight or obesity: Potential mechanisms. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2021</b> , 31, 1461-1470	4.6	5
232	Functional reserve and sex differences during exercise to exhaustion revealed by post-exercise ischaemia and repeated supramaximal exercise. <i>Journal of Physiology</i> , <b>2021</b> , 599, 3853-3878	3.9	1
231	Role of CaMKII and sarcolipin in muscle adaptations to strength training with different levels of fatigue in the set. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2021</b> , 31, 91-103	4.6	7
230	Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2021</b> , 31, 2249-2258	4.6	3
229	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
228	Contribution of oxygen extraction fraction to maximal oxygen uptake in healthy young men. <i>Acta Physiologica</i> , <b>2020</b> , 230, e13486	5.6	15
227	Hypertrophy of Lumbopelvic Muscles in Inactive Women: A 36-Week Pilates Study. <i>Sports Health</i> , <b>2020</b> , 12, 547-551	4.7	1
226	Increased oxygen extraction and mitochondrial protein expression after small muscle mass endurance training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 1615-1631	4.6	8
225	Mitochondrial oxygen affinity increases after sprint interval training and is related to the improvement in peak oxygen uptake. <i>Acta Physiologica</i> , <b>2020</b> , 229, e13463	5.6	7
224	Supplementation with a Mango Leaf Extract (Zynamite <sup>®</sup> ) in Combination with Quercetin Attenuates Muscle Damage and Pain and Accelerates Recovery after Strenuous Damaging Exercise. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
223	Regulation of Nrf2/Keap1 signalling in human skeletal muscle during exercise to exhaustion in normoxia, severe acute hypoxia and post-exercise ischaemia: Influence of metabolite accumulation and oxygenation. <i>Redox Biology</i> , <b>2020</b> , 36, 101627	11.3	13
222	An integrative approach to the regulation of mitochondrial respiration during exercise: Focus on high-intensity exercise. <i>Redox Biology</i> , <b>2020</b> , 35, 101478	11.3	18
221	Mitochondrial Complex I Inhibition by Metformin: Drug-Exercise Interactions. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 269-271	8.8	9
220	Resting Energy Expenditure and Body Composition in Overweight Men and Women Living in a Temperate Climate. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
219	Sarcolipin expression in human skeletal muscle: Influence of energy balance and exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 408-420	4.6	5
218	Sex-differences In Exercising Hemodynamics: Role Of Exercising Muscle Mass. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 224-224	1.2	

217	Progress Update and Challenges on O Testing and Interpretation. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 1070	4.6	4
216	A Single Dose of The Mango Leaf Extract Zynamite in Combination with Quercetin Enhances Peak Power Output During Repeated Sprint Exercise in Men and Women. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	5
215	Impact of data averaging strategies on V O assessment: Mathematical modeling and reliability. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 1473-1488	4.6	16
214	Discussion of "Interleukin-15 as a myokine: mechanistic insight into its effect on skeletal muscle metabolism" - Interleukin-15 and interleukin-15R-dependent/-independent functions in human skeletal muscle are largely unknown. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2019</b> , 44, 336-337	3	2
213	Enhancement of Exercise Performance by 48 Hours, and 15-Day Supplementation with Mangiferin and Luteolin in Men. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	18
212	Muscle mass and inspired oxygen influence oxygen extraction at maximal exercise: Role of mitochondrial oxygen affinity. <i>Acta Physiologica</i> , <b>2019</b> , 225, e13110	5.6	22
211	Commentaries on Viewpoint: Rejuvenation of the term sarcopenia. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 257-262	3.7	9
210	Greater Reduction in Abdominal Than in Upper Arms Subcutaneous Fat in 10- to 12-Year-Old Tennis Players: A Volumetric MRI Study. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 345	3.4	3
209	Exercise Mitigates the Loss of Muscle Mass by Attenuating the Activation of Autophagy during Severe Energy Deficit. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
208	Antioxidants Facilitate High-intensity Exercise IL-15 Expression in Skeletal Muscle. <i>International Journal of Sports Medicine</i> , <b>2019</b> , 40, 16-22	3.6	6
207	Protein synthesis signaling in skeletal muscle is refractory to whey protein ingestion during a severe energy deficit evoked by prolonged exercise and caloric restriction. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 872-882	5.5	6
206	N-methylnicotinamide is a signalling molecule produced in skeletal muscle coordinating energy metabolism. <i>Scientific Reports</i> , <b>2018</b> , 8, 3016	4.9	29
205	Skeletal muscle IL-15/IL-15R and myofibrillar protein synthesis after resistance exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 116-125	4.6	29
204	Cerebral blood flow, frontal lobe oxygenation and intra-arterial blood pressure during sprint exercise in normoxia and severe acute hypoxia in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 136-150	7.3	37
203	Exercise-mediated modulation of autophagy in skeletal muscle. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 772-781	4.6	43
202	Sustained sympathetic activity in altitude acclimatizing lowlanders and high-altitude natives. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2018</b> , 28, 854-861	4.6	31
201	Skeletal Muscle Pyruvate Dehydrogenase Phosphorylation and Lactate Accumulation During Sprint Exercise in Normoxia and Severe Acute Hypoxia: Effects of Antioxidants. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 188	4.6	9
200	L. Leaf Extract in Combination With Luteolin or Quercetin Enhances VOpeak and Peak Power Output, and Preserves Skeletal Muscle Function During Ischemia-Reperfusion in Humans. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 740	4.6	15

199	Accuracy and Precision of the COSMED K5 Portable Analyser. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1764	4.6	45
198	Superior Intrinsic Mitochondrial Respiration in Women Than in Men. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1133	4.6	44
197	Effects of velocity loss during resistance training on athletic performance, strength gains and muscle adaptations. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2017</b> , 27, 724-735	4.6	190
196	The core musculature in male prepubescent tennis players and untrained counterparts: a volumetric MRI study. <i>Journal of Sports Sciences</i> , <b>2017</b> , 35, 791-797	3.6	4
195	Erythropoietin on cycling performance. <i>Lancet Haematology</i> , <b>2017</b> , 4, e462	14.6	2
194	Androgen receptor CAG and GGN repeat polymorphisms influence performance in boys and girls. <i>Journal of Sports Medicine and Physical Fitness</i> , <b>2017</b> , 57, 18-25	1.4	
193	Skeletal muscle signaling, metabolism, and performance during sprint exercise in severe acute hypoxia after the ingestion of antioxidants. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 1235-1245	3.7	9
192	Severe energy deficit upregulates leptin receptors, leptin signaling, and PTP1B in human skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 1276-1287	3.7	11
191	FGF21 is Produced By Active Skeletal Muscle during Intense Exercise in Humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 88-89	1.2	1
190	Exercise Preserves Lean Mass and Performance during Severe Energy Deficit: The Role of Exercise Volume and Dietary Protein Content. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 483	4.6	22
189	Androgen receptor gene polymorphisms and maximal fat oxidation in healthy men. A longitudinal study. <i>Nutricion Hospitalaria</i> , <b>2017</b> , 34, 1089-1098	1	6
188	High-intensity sprint training inhibits mitochondrial respiration through aconitase inactivation. <i>FASEB Journal</i> , <b>2016</b> , 30, 417-27	0.9	48
187	Greater basal skeletal muscle AMPK phosphorylation in men than in women: Associations with anaerobic performance. <i>European Journal of Sport Science</i> , <b>2016</b> , 16, 455-64	3.9	11
186	Ghost or Real Musculoskeletal Asymmetries in Football Players?. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 2580	1.2	1
185	Why Are High-Altitude Natives So Strong at Altitude? Maximal Oxygen Transport to the Muscle Cell in Altitude Natives. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 903, 65-81	3.6	4
184	The asymmetry of pectoralis muscles is greater in male prepubertal than in professional tennis players. <i>European Journal of Sport Science</i> , <b>2016</b> , 16, 780-6	3.9	6
183	AMPK signaling in skeletal muscle during exercise: Role of reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 98, 68-77	7.8	39
182	No functional reserve at exhaustion in endurance-trained men?. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 476	3.7	4

181	Effect of regional muscle location but not adiposity on mitochondrial biogenesis-regulating proteins. <i>European Journal of Applied Physiology</i> , <b>2016</b> , 116, 11-8	3.4	3
180	Endurance Exercise Enhances the Effect of Strength Training on Muscle Fiber Size and Protein Expression of Akt and mTOR. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149082	3.7	39
179	Integrative Conductance of Oxygen During Exercise at Altitude. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 903, 395-408	3.6	5
178	Increased PIO <sub>2</sub> at Exhaustion in Hypoxia Enhances Muscle Activation and Swiftly Relieves Fatigue: A Placebo or a PIO <sub>2</sub> Dependent Effect?. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 333	4.6	10
177	The Physiological Mechanisms of Performance Enhancement with Sprint Interval Training Differ between the Upper and Lower Extremities in Humans. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 426	4.6	41
176	Androgen receptor gene polymorphism influence fat accumulation: A longitudinal study from adolescence to adult age. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2016</b> , 26, 1313-1320	4.6	11
175	Constant infusion transpulmonary thermodilution for the assessment of cardiac output in exercising humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2016</b> , 26, 518-27	4.6	7
174	A new equation to estimate temperature-corrected PaCO <sub>2</sub> from PET CO <sub>2</sub> during exercise in normoxia and hypoxia. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2016</b> , 26, 1045-51	4.6	6
173	Assessment of cardiac output with transpulmonary thermodilution during exercise in humans. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 1-10	3.7	15
172	A time-efficient reduction of fat mass in 4 days with exercise and caloric restriction. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25, 223-33	4.6	14
171	Arterial to end-tidal Pco <sub>2</sub> difference during exercise in normoxia and severe acute hypoxia: importance of blood temperature correction. <i>Physiological Reports</i> , <b>2015</b> , 3, e12512	2.6	13
170	Blood temperature and perfusion to exercising and non-exercising human limbs. <i>Experimental Physiology</i> , <b>2015</b> , 100, 1118-31	2.4	23
169	Central and peripheral hemodynamics in exercising humans: leg vs arm exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25 Suppl 4, 144-57	4.6	47
168	Maintained peak leg and pulmonary VO <sub>2</sub> despite substantial reduction in muscle mitochondrial capacity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25 Suppl 4, 135-43	4.6	20
167	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> , <b>2015</b> , 25 Suppl 4, 126-34	4.6	28
166	What limits performance during whole-body incremental exercise to exhaustion in humans?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 4631-48	3.9	58
165	Left ventricular atrioventricular plane displacement is preserved with lifelong endurance training and is the main determinant of maximal cardiac output. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5157-66	3.9	11
164	Erythropoietin does not reduce plasma lactate, H <sup>+</sup> , and K <sup>+</sup> during intense exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25, e566-75	4.6	4

163	Limitations to oxygen transport and utilization during sprint exercise in humans: evidence for a functional reserve in muscle O <sub>2</sub> diffusing capacity. <i>Journal of Physiology</i> , <b>2015</b> , 593, 4649-64	3.9	56
162	ANDROGEN RECEPTOR CAG AND GGN REPEAT POLYMORPHISMS AND BONE MASS IN BOYS AND GIRLS. <i>Nutricion Hospitalaria</i> , <b>2015</b> , 32, 2633-9	1	4
161	Task Failure during Exercise to Exhaustion in Normoxia and Hypoxia Is Due to Reduced Muscle Activation Caused by Central Mechanisms While Muscle Metaboreflex Does Not Limit Performance. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 414	4.6	22
160	Low-intensity training increases peak arm VO <sub>2</sub> by enhancing both convective and diffusive O <sub>2</sub> delivery. <i>Acta Physiologica</i> , <b>2014</b> , 211, 122-34	5.6	44
159	GLUT4 and Glycogen Synthase Are Key Players in Bed Rest-Induced Insulin Resistance. Diabetes 2012;61:1090--1099. <i>Diabetes</i> , <b>2014</b> , 63, 3159-3159	0.9	
158	Influence of age on leptin induced skeletal muscle signalling. <i>Acta Physiologica</i> , <b>2014</b> , 211, 214-28	5.6	10
157	Chronic hypoxia increases arterial blood pressure and reduces adenosine and ATP induced vasodilatation in skeletal muscle in healthy humans. <i>Acta Physiologica</i> , <b>2014</b> , 211, 574-84	5.6	13
156	Muscle activation during exercise in severe acute hypoxia: role of absolute and relative intensity. <i>High Altitude Medicine and Biology</i> , <b>2014</b> , 15, 472-82	1.9	16
155	Blood ammonia and lactate as markers of muscle metabolites during leg press exercise. <i>Journal of Strength and Conditioning Research</i> , <b>2014</b> , 28, 2775-85	3.2	51
154	Free radicals and sprint exercise in humans. <i>Free Radical Research</i> , <b>2014</b> , 48, 30-42	4	47
153	Leptin signaling in skeletal muscle after bed rest in healthy humans. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 345-57	3.4	16
152	Critical role for free radicals on sprint exercise-induced CaMKII and AMPK phosphorylation in human skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 566-77	3.7	36
151	Mitochondrial function in human skeletal muscle following high-altitude exposure. <i>Experimental Physiology</i> , <b>2013</b> , 98, 245-55	2.4	39
150	Isoinertial and isokinetic sprints: muscle signalling. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 285-92	3.6	4
149	The hypertrophy of the lateral abdominal wall and quadratus lumborum is sport-specific: an MRI segmental study in professional tennis and soccer players. <i>Sports Biomechanics</i> , <b>2013</b> , 12, 54-67	2.2	19
148	Effect of ageing and physical activity on cardiovascular function. <i>FASEB Journal</i> , <b>2013</b> , 27, 711.10	0.9	
147	Influence of exercise intensity on skeletal muscle blood flow, O <sub>2</sub> extraction and O <sub>2</sub> uptake on-kinetics. <i>Journal of Physiology</i> , <b>2012</b> , 590, 4363-76	3.9	27
146	Skeletal muscle vasodilatation during maximal exercise in health and disease. <i>Journal of Physiology</i> , <b>2012</b> , 590, 6285-96	3.9	42

145	Does Altitude training increase exercise performance in elite athletes?. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 792-5	10.3	92
144	Increased oxidative stress and anaerobic energy release, but blunted Thr172-AMPK phosphorylation, in response to sprint exercise in severe acute hypoxia in humans. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 917-28	3.7	54
143	Ageing, exercise and cardiovascular health: good and bad news. <i>Journal of Physiology</i> , <b>2012</b> , 590, 5265-63.9		3
142	Androgen receptor gene polymorphisms and the fat-bone axis in young men and women. <i>Journal of Andrology</i> , <b>2012</b> , 33, 644-50		8
141	GLUT4 and glycogen synthase are key players in bed rest-induced insulin resistance. <i>Diabetes</i> , <b>2012</b> , 61, 1090-9	0.9	73
140	How Physical Activity Affects the Growth Nutrient Bone Relationship <b>2012</b> , 2455-2471		
139	Muscle hypertrophy in prepubescent tennis players: a segmentation MRI study. <i>PLoS ONE</i> , <b>2012</b> , 7, e33637	3.7	22
138	Skeletal muscle signaling response to sprint exercise in men and women. <i>European Journal of Applied Physiology</i> , <b>2012</b> , 112, 1917-27	3.4	24
137	Marked effects of Pilates on the abdominal muscles: a longitudinal magnetic resonance imaging study. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 1589-94	1.2	17
136	International Olympic Committee consensus statement on thermoregulatory and altitude challenges for high-level athletes. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 770-9	10.3	117
135	Energy metabolism during repeated sets of leg press exercise leading to failure or not. <i>PLoS ONE</i> , <b>2012</b> , 7, e40621	3.7	88
134	Soccer attenuates the asymmetry of rectus abdominis muscle observed in non-athletes. <i>PLoS ONE</i> , <b>2011</b> , 6, e19022	3.7	13
133	Iliopsoas and gluteal muscles are asymmetric in tennis players but not in soccer players. <i>PLoS ONE</i> , <b>2011</b> , 6, e22858	3.7	41
132	Effects of strength training on muscle fatigue mapping from surface EMG and blood metabolites. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 303-11	1.2	38
131	Normal mitochondrial function and increased fat oxidation capacity in leg and arm muscles in obese humans. <i>International Journal of Obesity</i> , <b>2011</b> , 35, 99-108	5.5	67
130	Interleukin-6 release is higher across arm than leg muscles during whole-body exercise. <i>Experimental Physiology</i> , <b>2011</b> , 96, 590-8	2.4	25
129	Living at high altitude in combination with sea-level sprint training increases hematological parameters but does not improve performance in rats. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 1147-56	3.4	13
128	Exercise training induces similar elevations in the activity of oxoglutarate dehydrogenase and peak oxygen uptake in the human quadriceps muscle. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2011</b> , 462, 257-65	4.6	19



127	Muscle mitochondrial capacity exceeds maximal oxygen delivery in humans. <i>Mitochondrion</i> , <b>2011</b> , 11, 303-7	4.9	103
126	Repeated muscle biopsies through a single skin incision do not elicit muscle signaling, but IL-6 mRNA and STAT3 phosphorylation increase in injured muscle. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1708-15	3.7	31
125	Is sprint exercise a leptin signaling mimetic in human skeletal muscle?. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 715-25	3.7	23
124	Exercise-induced pyruvate dehydrogenase activation is not affected by 7 days of bed rest. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 751-7	3.7	16
123	Training, leptin receptors and SOCS3 in human muscle. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 319-26	3.6	5
122	A-Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance: part 24. <i>British Journal of Sports Medicine</i> , <b>2011</b> , 45, 1005-7	10.3	1
121	Androgen receptor gene polymorphisms lean mass and performance in young men. <i>British Journal of Sports Medicine</i> , <b>2011</b> , 45, 95-100	10.3	13
120	Bed rest reduces metabolic protein content and abolishes exercise-induced mRNA responses in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E649-58	6.8	85
119	Effects of training frequency on physical fitness in male prepubertal tennis players. <i>Journal of Sports Medicine and Physical Fitness</i> , <b>2011</b> , 51, 409-16	1.4	2
118	Disparity in regional and systemic circulatory capacities: do they affect the regulation of the circulation?. <i>Acta Physiologica</i> , <b>2010</b> , 199, 393-406	5.6	49
117	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> , <b>2010</b> , 95, 160-71	2.4	40
116	Bone mass and the CAG and GGN androgen receptor polymorphisms in young men. <i>PLoS ONE</i> , <b>2010</b> , 5, e11529	3.7	13
115	Anaerobic energy expenditure and mechanical efficiency during exhaustive leg press exercise. <i>PLoS ONE</i> , <b>2010</b> , 5, e13486	3.7	31
114	Large asymmetric hypertrophy of rectus abdominis muscle in professional tennis players. <i>PLoS ONE</i> , <b>2010</b> , 5, e15858	3.7	38
113	Bone mass in prepubertal tennis players. <i>International Journal of Sports Medicine</i> , <b>2010</b> , 31, 416-20	3.6	30
112	Do Not Be Misled by Physiological Models, Rely on Experimental Data. The Authors Reply. <i>High Altitude Medicine and Biology</i> , <b>2010</b> , 11, 75-76	1.9	
111	Human muscle net K(+) release during exercise is unaffected by elevated anaerobic metabolism, but reduced after prolonged acclimatization to 4,100 m. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 299, R306-13	3.2	4
110	The upper extremity of the professional tennis player: muscle volumes, fiber-type distribution and muscle strength. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2010</b> , 20, 524-34	4.6	58



109	Is Oxidative Stress Involved In Fatigue During High Intensity Sprint Exercise In Severe Acute Hypoxia?. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 468	1.2	
108	Influence of Hypoxia and Oxidative Stress on Plasma Leptin Responses to Sprint Exercise in Humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 631	1.2	
107	Muscle hypertrophy and increased expression of leptin receptors in the musculus triceps brachii of the dominant arm in professional tennis players. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 108, 749-58	3.4	23
106	SIRT1, AMP-activated protein kinase phosphorylation and downstream kinases in response to a single bout of sprint exercise: influence of glucose ingestion. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 109, 731-43	3.4	53
105	Bone and lean mass inter-arm asymmetries in young male tennis players depend on training frequency. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 83-90	3.4	41
104	Osteocalcin as a negative regulator of serum leptin concentration in humans: insight from triathlon competitions. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 635-43	3.4	13
103	The effects of breathing a helium-oxygen gas mixture on maximal pulmonary ventilation and maximal oxygen consumption during exercise in acute moderate hypobaric hypoxia. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 853-61	3.4	9
102	Adiposity and age explain most of the association between physical activity and fitness in physically active men. <i>PLoS ONE</i> , <b>2010</b> , 5, e13435	3.7	11
101	Skeletal muscle myofibrillar and sarcoplasmic protein synthesis rates are affected differently by altitude-induced hypoxia in native lowlanders. <i>PLoS ONE</i> , <b>2010</b> , 5, e15606	3.7	16
100	Reply to Martyn-St. James and Carroll. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 637-637	3.7	
99	Air to muscle O <sub>2</sub> delivery during exercise at altitude. <i>High Altitude Medicine and Biology</i> , <b>2009</b> , 10, 123-34.	3.9	85
98	Neuromuscular fatigue after resistance training. <i>International Journal of Sports Medicine</i> , <b>2009</b> , 30, 614-23.	3.6	48
97	Cytokine and hormone responses to resistance training. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 107, 397-409	3.4	88
96	The response of human skeletal muscle tissue to hypoxia. <i>Cellular and Molecular Life Sciences</i> , <b>2009</b> , 66, 3615-23	10.3	111
95	The exercising heart at altitude. <i>Cellular and Molecular Life Sciences</i> , <b>2009</b> , 66, 3601-13	10.3	20
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