

# Lawrence L Spriet

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

131  
papers

5,995  
citations

46  
h-index

73  
g-index

139  
ext. papers

6,949  
ext. citations

4.4  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
131	Local Positioning System-Derived External Load of Female and Male Varsity Ice Hockey Players During Regular Season Games.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 831723	4.6	1
130	Dietary Intake over a 7-Day Training and Game Period in Female Varsity Rugby Union Players. <i>Nutrients</i> , <b>2022</b> , 14, 2281	6.7	
129	Anaerobic Metabolism During Exercise. <i>Physiology in Health and Disease</i> , <b>2022</b> , 51-70	0.2	0
128	Muscle Glycogen Metabolism and High-Intensity Exercise Performance: A Narrative Review. <i>Sports Medicine</i> , <b>2021</b> , 51, 1855-1874	10.6	13
127	The torque-frequency relationship is impaired similarly following two bouts of eccentric exercise: No evidence of a protective repeated bout effect. <i>Journal of Biomechanics</i> , <b>2021</b> , 122, 110448	2.9	1
126	External Training Demands in Women's Varsity Rugby Union Players Quantified by Wearable Microtechnology With Individualized Speed Thresholds. <i>Journal of Strength and Conditioning Research</i> , <b>2021</b> ,	3.2	2
125	Dietary Macronutrient and Micronutrient Intake over a 7-Day Period in Female Varsity Ice Hockey Players. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
124	Internal Physiological Load Measured Using Training Impulse in Varsity Men's and Women's Ice Hockey Players Between Game Periods. <i>Journal of Strength and Conditioning Research</i> , <b>2021</b> , 35, 2824-2832	3.2	1
123	Resting metabolic rate and skeletal muscle SERCA and Na <sup>+</sup> /K <sup>+</sup> ATPase activities are not affected by fish oil supplementation in healthy older adults. <i>Physiological Reports</i> , <b>2020</b> , 8, e14408	2.6	2
122	Impairment of Thermoregulation and Performance via Mild Dehydration in Ice Hockey Goaltenders. <i>International Journal of Sports Physiology and Performance</i> , <b>2020</b> , 15, 833-840	3.5	2
121	Sweat Loss and Fluid Intake of Female Varsity Ice Hockey Players During On-Ice Practices and Games. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 389-395	3.2	3
120	Skeletal muscle energy metabolism during exercise. <i>Nature Metabolism</i> , <b>2020</b> , 2, 817-828	14.6	128
119	Dietary Supplement Use among Non-athlete Students at a Canadian University: A Pilot-Survey. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
118	Performance Effects of Carbohydrate Ingestion Between Bouts of Intense Aerobic Interval Exercise. <i>International Journal of Sports Physiology and Performance</i> , <b>2020</b> , 15, 262-267	3.5	3
117	No effect of beetroot juice supplementation on exercise economy and performance in recreationally active females despite increased torque production. <i>Physiological Reports</i> , <b>2019</b> , 7, e13982	2.6	17
116	Estimated Sweat Loss, Fluid and Carbohydrate Intake, and Sodium Balance of Male Major Junior, AHL, and NHL Players During On-Ice Practices. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2019</b> , 29, 612-619	4.4	5
115	Incorporation of Omega-3 Fatty Acids Into Human Skeletal Muscle Sarcolemmal and Mitochondrial Membranes Following 12 Weeks of Fish Oil Supplementation. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 348	4.6	20

114	Effects of Caffeine on Exertion, Skill Performance, and Physicality in Ice Hockey. <i>International Journal of Sports Physiology and Performance</i> , <b>2019</b> , 14, 1422-1429	3.5	5
113	Assessment of Na <sup>+</sup> /K <sup>+</sup> ATPase Activity in Small Rodent and Human Skeletal Muscle Samples. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 2403-2409	1.2	3
112	Narrative Review of Hydration and Selected Health Outcomes in the General Population. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	56
111	Administration of Caffeine in Alternate Forms. <i>Sports Medicine</i> , <b>2018</b> , 48, 79-91	10.6	54
110	Ischemic Preconditioning: No Influence on Maximal Sprint Acceleration Performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 986-990	3.5	5
109	IOC Consensus Statement: Dietary Supplements and the High-Performance Athlete. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2018</b> , 28, 104-125	4.4	159
108	IOC consensus statement: dietary supplements and the high-performance athlete. <i>British Journal of Sports Medicine</i> , <b>2018</b> , 52, 439-455	10.3	237
107	Exercise Metabolism: Fuels for the Fire. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2018</b> , 8,	5.4	37
106	Guelph Family Health Study: pilot study of a home-based obesity prevention intervention. <i>Canadian Journal of Public Health</i> , <b>2018</b> , 109, 549-560	3.2	26
105	Beetroot Juice Increases Human Muscle Force without Changing Ca <sup>2+</sup> -Handling Proteins. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2016-2024	1.2	46
104	Ablating the protein TBC1D1 impairs contraction-induced sarcolemmal glucose transporter 4 redistribution but not insulin-mediated responses in rats. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 16653-16664	5.4	34
103	Mild Dehydration Does Not Influence Performance Or Skeletal Muscle Metabolism During Simulated Ice Hockey Exercise In Men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2017</b> , 27, 169-177	4.4	4
102	Lack of effects of fish oil supplementation for 12 weeks on resting metabolic rate and substrate oxidation in healthy young men: A randomized controlled trial. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172576	3.7	12
101	Low and moderate doses of caffeine late in exercise improve performance in trained cyclists. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 850-5	3	28
100	Taurine and skeletal muscle function. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2015</b> , 18, 96-101	3.8	46
99	Nutritional Support for Athletic Performance. <i>Sports Medicine</i> , <b>2015</b> , 45 Suppl 1, S3-4	10.6	2
98	The effect of dehydration on muscle metabolism and time trial performance during prolonged cycling in males. <i>Physiological Reports</i> , <b>2015</b> , 3, e12483	2.6	36
97	CrossTalk opposing view: High intensity interval training does not have a role in risk reduction or treatment of disease. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5219-21	3.9	13

96	Rebuttal from Tanya M. Holloway and Lawrence L. Spriet. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5225	3.9	0
95	Omega-3 Fatty Acid Supplementation for 12 Weeks Increases Resting and Exercise Metabolic Rate in Healthy Community-Dwelling Older Females. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144828	3.7	78
94	Activation of AMPK Is Not Required for Mitochondrial FAT/CD36 Accumulation during Exercise. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126122	3.7	14
93	High intensity interval and endurance training have opposing effects on markers of heart failure and cardiac remodeling in hypertensive rats. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121138	3.7	33
92	Nutrition for training and performance. <i>Sports Medicine</i> , <b>2014</b> , 44 Suppl 2, S115-6	10.6	1
91	Maintaining hydration with a carbohydrate-electrolyte solution improves performance, thermoregulation, and fatigue during an ice hockey scrimmage. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2014</b> , 39, 1214-21	3	14
90	New insights into the interaction of carbohydrate and fat metabolism during exercise. <i>Sports Medicine</i> , <b>2014</b> , 44 Suppl 1, S87-96	10.6	125
89	Exercise and sport performance with low doses of caffeine. <i>Sports Medicine</i> , <b>2014</b> , 44 Suppl 2, S175-84	10.6	159
88	Beetroot juice supplementation does not improve performance of elite 1500-m runners. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 2326-34	1.2	95
87	Caffeine and Exercise Performance <b>2013</b> , 313-323		2
86	AMP-activated protein kinase is required for exercise-induced peroxisome proliferator-activated receptor co-activator 1 translocation to subsarcolemmal mitochondria in skeletal muscle. <i>Journal of Physiology</i> , <b>2013</b> , 591, 1551-61	3.9	28
85	Fish oil supplementation alters circulating eicosanoid concentrations in young healthy men. <i>Metabolism: Clinical and Experimental</i> , <b>2013</b> , 62, 1107-13	12.7	33
84	Increase in skeletal-muscle glycogenolysis and perceived exertion with progressive dehydration during cycling in hydrated men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2013</b> , 23, 220-9	4.4	25
83	Caffeine for Sports Performance <b>2013</b> ,		17
82	Acute endurance exercise increases plasma membrane fatty acid transport proteins in rat and human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E183-9	6	26
81	Mitochondrial creatine kinase activity and phosphate shuttling are acutely regulated by exercise in human skeletal muscle. <i>Journal of Physiology</i> , <b>2012</b> , 590, 5475-86	3.9	57
80	Effects of dehydration during cycling on skeletal muscle metabolism in females. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 1949-57	1.2	38
79	Fat adaptation in well-trained athletes: effects on cell metabolism. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2011</b> , 36, 12-22	3	67

78	A call for adult congenital heart disease patient participation in cardiac rehabilitation. <i>International Journal of Cardiology</i> , <b>2011</b> , 150, 345-6	3.2	19
77	Sport-specific nutrition: practical strategies for team sports. <i>Journal of Sports Sciences</i> , <b>2011</b> , 29 Suppl 1, S115-25	3.6	64
76	Nutritional modulation of training-induced skeletal muscle adaptations. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 834-45	3.7	148
75	Repeated transient mRNA bursts precede increases in transcriptional and mitochondrial proteins during training in human skeletal muscle. <i>Journal of Physiology</i> , <b>2010</b> , 588, 4795-810	3.9	353
74	Triacylglycerol lipases and metabolic control: implications for health and disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E162-8	6	43
73	Exercise training increases sarcolemmal and mitochondrial fatty acid transport proteins in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E180-8	6	93
72	On-ice sweat rate, voluntary fluid intake, and sodium balance during practice in male junior ice hockey players drinking water or a carbohydrate-electrolyte solution. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2010</b> , 35, 328-35	3	22
71	The effect of acute taurine ingestion on endurance performance and metabolism in well-trained cyclists. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2010</b> , 20, 322-9	4.4	56
70	Regulation of skeletal muscle mitochondrial fatty acid metabolism in lean and obese individuals. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 455S-62S	7	90
69	Fluid and electrolyte supplementation after prolonged moderate-intensity exercise enhances muscle glycogen resynthesis in Standardbred horses. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 91-100	3.7	28
68	Oral acetate supplementation after prolonged moderate intensity exercise enhances early muscle glycogen resynthesis in horses. <i>Experimental Physiology</i> , <b>2009</b> , 94, 888-98	2.4	27
67	Rosiglitazone increases fatty acid oxidation and fatty acid translocase (FAT/CD36) but not carnitine palmitoyltransferase I in rat muscle mitochondria. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1755-66	3.9	42
66	Seven days of oral taurine supplementation does not increase muscle taurine content or alter substrate metabolism during prolonged exercise in humans. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 643-51	3.7	68
65	Legal pre-event nutritional supplements to assist energy metabolism. <i>Essays in Biochemistry</i> , <b>2008</b> , 44, 27-43	7.6	11
64	Time course of insulin sensitivity and skeletal muscle glycogen synthase activity after a single bout of exercise in horses. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1063-9	3.7	35
63	Negligible direct lactate oxidation in subsarcolemmal and intermyofibrillar mitochondria obtained from red and white rat skeletal muscle. <i>Journal of Physiology</i> , <b>2007</b> , 582, 1317-35	3.9	66
62	Fatty acid binding protein facilitates sarcolemmal fatty acid transport but not mitochondrial oxidation in rat and human skeletal muscle. <i>Journal of Physiology</i> , <b>2007</b> , 582, 393-405	3.9	54
61	Significant intramyocellular lipid use during prolonged cycling in endurance-trained males as assessed by three different methodologies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E1715-23	6	57

60	Origins of arterial and femoral venous acid-base responses during moderate-intensity bicycling exercise after glycogen depletion in men. <i>Equine and Comparative Exercise Physiology</i> , <b>2007</b> , 4, 123-133		1
59	The effects of training in hyperoxia vs. normoxia on skeletal muscle enzyme activities and exercise performance. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 1022-7	3.7	32
58	Regulation of substrate use during the marathon. <i>Sports Medicine</i> , <b>2007</b> , 37, 332-6	10.6	15
57	Oral taurine supplementation does not increase muscle taurine content or alter substrate metabolism during prolonged submaximal cycling in active males. <i>FASEB Journal</i> , <b>2007</b> , 21, A715	0.9	
56	Decreased PDH activation and glycogenolysis during exercise following fat adaptation with carbohydrate restoration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 290, E380-8	6	127
55	Adrenergic regulation of HSL serine phosphorylation and activity in human skeletal muscle during the onset of exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 291, R1094-9	3.2	17
54	Identification of fatty acid translocase on human skeletal muscle mitochondrial membranes: essential role in fatty acid oxidation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 290, E509-15	6	104
53	Hyperoxia decreases muscle glycogenolysis, lactate production, and lactate efflux during steady-state exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 290, E1180-90	6	49
52	Mitochondrial long chain fatty acid oxidation, fatty acid translocase/CD36 content and carnitine palmitoyltransferase I activity in human skeletal muscle during aerobic exercise. <i>Journal of Physiology</i> , <b>2006</b> , 571, 201-10	3.9	136
51	Enzymatic regulation of glucose disposal in human skeletal muscle after a high-fat, low-carbohydrate diet. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 100-7	3.7	52
50	Effects of hyperoxia on skeletal muscle carbohydrate metabolism during transient and steady-state exercise. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 250-6	3.7	32
49	Nutritional strategies to influence adaptations to training. <i>Journal of Sports Sciences</i> , <b>2004</b> , 22, 127-41	3.6	38
48	Conjugated linoleic acid improves insulin sensitivity in young, sedentary humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 814-20	1.2	63
47	Regulation and role of hormone-sensitive lipase activity in human skeletal muscle. <i>Proceedings of the Nutrition Society</i> , <b>2004</b> , 63, 315-22	2.9	29
46	Effects of reduced free fatty acid availability on hormone-sensitive lipase activity in human skeletal muscle during aerobic exercise. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1938-45	3.7	16
45	Effects of microhydrin supplementation on endurance performance and metabolism in well-trained cyclists. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2004</b> , 14, 560-73	4.4	1
44	Rapid upregulation of pyruvate dehydrogenase kinase activity in human skeletal muscle during prolonged exercise. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1261-7	3.7	23
43	Pyruvate dehydrogenase activation and kinase expression in human skeletal muscle during fasting. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 2082-7	3.7	74



42	Hormone-sensitive lipase activity and fatty acyl-CoA content in human skeletal muscle during prolonged exercise. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 314-21	3.7	50
41	Effects of reduced free fatty acid availability on skeletal muscle PDH activation during aerobic exercise. Pyruvate dehydrogenase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E589-96	6	11
40	Human skeletal muscle creatine transporter mRNA and protein expression in healthy, young males and females. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 151-157	4.2	14
39	Effects of plasma adrenaline on hormone-sensitive lipase at rest and during moderate exercise in human skeletal muscle. <i>Journal of Physiology</i> , <b>2003</b> , 550, 325-32	3.9	40
38	Skeletal muscle fat and carbohydrate metabolism during recovery from glycogen-depleting exercise in humans. <i>Journal of Physiology</i> , <b>2003</b> , 548, 919-27	3.9	51
37	Effects of dynamic exercise intensity on the activation of hormone-sensitive lipase in human skeletal muscle. <i>Journal of Physiology</i> , <b>2003</b> , 547, 301-8	3.9	53
36	Intramuscular triacylglycerol, glycogen and acetyl group metabolism during 4 h of moderate exercise in man. <i>Journal of Physiology</i> , <b>2002</b> , 541, 969-78	3.9	134
35	Carbohydrate ingestion reduces skeletal muscle acetylcarnitine availability but has no effect on substrate phosphorylation at the onset of exercise in man. <i>Journal of Physiology</i> , <b>2002</b> , 544, 949-56	3.9	14
34	Intramuscular triacylglycerol utilization in human skeletal muscle during exercise: is there a controversy?. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 1185-95	3.7	116
33	Regulation of skeletal muscle fat oxidation during exercise in humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, 1477-84	1.2	63
32	Regulation of pyruvate dehydrogenase (PDH) activity in human skeletal muscle during exercise. <i>Exercise and Sport Sciences Reviews</i> , <b>2002</b> , 30, 91-5	6.7	64
31	Fasting activates the gene expression of UCP3 independent of genes necessary for lipid transport and oxidation in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 294, 301-8 <sup>3,4</sup>		34
30	Interaction of diet and training on endurance performance in rats. <i>Experimental Physiology</i> , <b>2001</b> , 86, 499-508	2.4	27
29	Adrenaline increases skeletal muscle glycogenolysis, pyruvate dehydrogenase activation and carbohydrate oxidation during moderate exercise in humans. <i>Journal of Physiology</i> , <b>2001</b> , 534, 269-78	3.9	116
28	Skeletal muscle glycogen phosphorylase a kinetics: effects of adenine nucleotides and caffeine. <i>Journal of Applied Physiology</i> , <b>2001</b> , 91, 2071-8	3.7	35
27	Muscle fiber type comparison of PDH kinase activity and isoform expression in fed and fasted rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 280, R661-8	3.2	58
26	Human skeletal muscle PDH kinase activity and isoform expression during a 3-day high-fat/low-carbohydrate diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2001</b> , 281, E1151-8	6	124
25	An enzymatic approach to lactate production in human skeletal muscle during exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2000</b> , 32, 756-63	1.2	90

24	Dietary carbohydrate, muscle glycogen content, and endurance performance in well-trained women. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 2151-8	3.7	60
23	Regulation of glycogen phosphorylase and PDH during exercise in human skeletal muscle during hypoxia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 278, E522-34	6	55
22	Effects of PDH activation by dichloroacetate in human skeletal muscle during exercise in hypoxia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E752-61	6	39
21	Sensitivity of CPT I to malonyl-CoA in trained and untrained human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 278, E462-8	6	83
20	Pyruvate overrides inhibition of PDH during exercise after a low-carbohydrate diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E275-83	6	35
19	Pyruvate ingestion for 7 days does not improve aerobic performance in well-trained individuals. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 549-56	3.7	23
18	Effects of high fat provision on muscle PDH activation and malonyl-CoA content in moderate exercise. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 2352-8	3.7	29
17	Skeletal muscle metabolism during high-intensity sprint exercise is unaffected by dichloroacetate or acetate infusion. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1747-51	3.7	25
16	Regulation of skeletal muscle glycogen phosphorylase and PDH during maximal intermittent exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E890-900	6	131
15	Influence of diet on the metabolic responses to exercise. <i>Proceedings of the Nutrition Society</i> , <b>1998</b> , 57, 25-33	2.9	25
14	Regulation of muscle glycogenolytic flux during intense aerobic exercise after caffeine ingestion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 275, R596-603 <sup>3.2</sup>		29
13	Effects of increased fat availability on fat-carbohydrate interaction during prolonged exercise in men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 274, R894-902 <sup>2.3</sup>		37
12	Human skeletal muscle carnitine palmitoyltransferase I activity determined in isolated intact mitochondria. <i>Journal of Applied Physiology</i> , <b>1998</b> , 85, 148-53	3.7	79
11	Skeletal muscle malonyl-CoA content at the onset of exercise at varying power outputs in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1998</b> , 274, E1080-5	6	51
10	Regulation of skeletal muscle glycogen phosphorylase and PDH at varying exercise power outputs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 275, R418-25 <sup>3.2</sup>		101
9	Epinephrine infusion does not enhance net muscle glycogenolysis during prolonged aerobic exercise. <i>Applied Physiology, Nutrition, and Metabolism</i> , <b>1996</b> , 21, 271-84		15
8	Elevated muscle citrate does not reduce carbohydrate utilization during tetanic stimulation. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1994</b> , 72, 117-25	2.4	3
7	Anaerobic metabolism in human skeletal muscle during short-term, intense activity. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1992</b> , 70, 157-65	2.4	44



6	Phosphofructokinase activity and acidosis during short-term tetanic contractions. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1991</b> , 69, 298-304	2.4	27
5	Effect of aging on the buffering capacity of fast-twitch skeletal muscle. <i>Mechanisms of Ageing and Development</i> , <b>1991</b> , 59, 243-52	5.6	2
4	Anaerobic ATP provision, glycogenolysis and glycolysis in rat slow-twitch muscle during tetanic contractions. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1990</b> , 417, 278-84	4.6	14
3	Effects of alkalosis on muscle ions at rest and with intense exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1990</b> , 68, 820-9	2.4	33
2	Energy cost and metabolic regulation during intermittent and continuous tetanic contractions in human skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1988</b> , 66, 134-9	2.4	28
1	Rat skeletal muscle triacylglycerol utilization during exhaustive swimming. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1985</b> , 63, 614-8	2.4	16