

# Joseph A Houmard

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8944097/joseph-a-houmard-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

134  
papers

9,814  
citations

46  
h-index

98  
g-index

161  
ext. papers

10,909  
ext. citations

5.1  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
134	Gender, activity participation, education levels, and depressive symptoms predict activity participation levels at post-cardiac rehabilitation. <i>Physiotherapy Practice and Research</i> , <b>2022</b> , 1, 1-9	0.8	
133	The Influence of Maternal Aerobic Exercise, Blood DHA and EPA Concentrations on Maternal Lipid Profiles.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	2
132	Influence of maternal exercise on glucose and lipid metabolism in offspring stem cells: ENHANCED by Mom.. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2022</b> ,	5.6	1
131	Type 2 Diabetes Modifies Skeletal Muscle Gene Expression Response to Gastric Bypass Surgery. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 728593	5.7	0
130	Distinct Adaptations of Mitochondrial Dynamics to Electrical Pulse Stimulation in Lean and Severely Obese Primary Myotubes. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 1151-1160	1.2	1
129	Prescribed exercise to Reduce Recidivism After Weight Loss-Pilot (PREVAIL-P): Design, methods and rationale. <i>Contemporary Clinical Trials Communications</i> , <b>2021</b> , 21, 100717	1.8	0
128	Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	11
127	Pharmacological inhibition of dynamin-related protein 1 attenuates skeletal muscle insulin resistance in obesity. <i>Physiological Reports</i> , <b>2021</b> , 9, e14808	2.6	1
126	Comparison of Activity and Participation, and Mental and Physical Functions of Immediate Post-Acute and Distant Post-Acute Adults with Chronic Cardiac Conditions. <i>Occupational Therapy in Health Care</i> , <b>2021</b> , 35, 380-396	1.3	
125	The association between lactate and muscle aerobic substrate oxidation: Is lactate an early marker for metabolic disease in healthy subjects?. <i>Physiological Reports</i> , <b>2021</b> , 9, e14729	2.6	1
124	Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Resistance and Type 2 Diabetes Risk in the STRRIDE Randomized Trials. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 626142	4.6	4
123	Ockham's razor and the metabolic syndrome. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> , 17, 1236-1243	3.3	0
122	Impaired glucose partitioning in primary myotubes from severely obese women with type 2 diabetes. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 319, C1011-C1019	5.4	6
121	Plasma Lactate as a Marker for Metabolic Health. <i>Exercise and Sport Sciences Reviews</i> , <b>2020</b> , 48, 119-124	6.7	9
120	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , <b>2020</b> , 181, 1464-1474	56.2	51
119	Effects Of Amount, Intensity, And Mode Of Exercise Training On HOMA - The Strride Clinical Trials. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 504-504	1.2	
118	Roux-en-Y gastric bypass surgery restores insulin-mediated glucose partitioning and mitochondrial dynamics in primary myotubes from severely obese humans. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 684-696	5.5	8

117	Altered mitochondrial network morphology and regulatory proteins in mitochondrial quality control in myotubes from severely obese humans with or without type 2 diabetes. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2020</b> , 45, 283-293	3	14
116	Aerobic and resistance exercise training reverses age-dependent decline in NAD salvage capacity in human skeletal muscle. <i>Physiological Reports</i> , <b>2019</b> , 7, e14139	2.6	33
115	Skipping has lower knee joint contact forces and higher metabolic cost compared to running. <i>Gait and Posture</i> , <b>2019</b> , 70, 414-419	2.6	2
114	Altered tricarboxylic acid cycle flux in primary myotubes from severely obese humans. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 895-905	5.5	12
113	High-intensity exercise to promote accelerated improvements in cardiorespiratory fitness (HI-PACE): study protocol for a randomized controlled trial. <i>Trials</i> , <b>2019</b> , 20, 484	2.8	1
112	Plasma lactate as a marker of metabolic health: Implications of elevated lactate for impairment of aerobic metabolism in the metabolic syndrome. <i>Surgery</i> , <b>2019</b> , 166, 861-866	3.6	16
111	Inhibition of Mitochondrial Fission Improves Mitochondrial Respiratory Capacity in Primary Myotubes Derived from Obese Humans. <i>FASEB Journal</i> , <b>2019</b> , 33, 697.4	0.9	
110	The Effects Of Aerobic, Resistance, And Combination Training On Satisfaction With Physical Function And Appearance. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 723-723	1.2	
109	The Differential Effects Of Amount, Intensity, And Mode Of Exercise Training On A Novel Lipoprotein Multimarker Of Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 175-176	1.2	
108	Electrical pulse stimulation induces differential responses in insulin action in myotubes from severely obese individuals. <i>Journal of Physiology</i> , <b>2019</b> , 597, 449-466	3.9	14
107	Genetic Variation in Acid Ceramidase Predicts Non-completion of an Exercise Intervention. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 781	4.6	5
106	Effects of Roux-en-Y Gastric Bypass Surgery on Mitochondrial Quality Control Proteins in Human Myotubes Derived from Severely Obese Humans. <i>FASEB Journal</i> , <b>2018</b> , 32, 879.4	0.9	
105	Effects of aerobic training with and without weight loss on insulin sensitivity and lipids. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196637	3.7	14
104	Genetic characterization of physical activity behaviours in university students enrolled in kinesiology degree programs. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 278-284	3	3
103	Roux-en-Y gastric bypass surgery enhances contraction-mediated glucose metabolism in primary human myotubes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 313, E195-E202	6	7
102	Randomized trial reveals that physical activity and energy expenditure are associated with weight and body composition after RYGB. <i>Obesity</i> , <b>2017</b> , 25, 1206-1216	8	33
101	Overexpression of PGC-1 $\alpha$ increases peroxisomal activity and mitochondrial fatty acid oxidation in human primary myotubes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 312, E253-E263	6	41
100	Gait biomechanics of skipping are substantially different than those of running. <i>Journal of Biomechanics</i> , <b>2017</b> , 64, 180-185	2.9	3

99	Differential acute and chronic responses in insulin action in cultured myotubes following from nondiabetic severely obese humans following gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 1853-1862	3	5
98	Metabolic Inflexibility with Obesity and the Effects of Fenofibrate on Skeletal Muscle Fatty Acid Oxidation. <i>Hormone and Metabolic Research</i> , <b>2017</b> , 49, 50-57	3.1	6
97	Relationship among physical activity, sedentary behaviors, and cardiometabolic risk factors during gastric bypass surgery-induced weight loss. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 210-219	3	20
96	Comment on: Early effect of Roux-en-Y gastric bypass on insulin sensitivity and signaling. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 47-8	3	
95	Age-related impairments in skeletal muscle PDH phosphorylation and plasma lactate are indicative of metabolic inflexibility and the effects of exercise training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 311, E145-56	6	21
94	Plasma acylcarnitines during insulin stimulation in humans are reflective of age-related metabolic dysfunction. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 479, 868-874	3.4	11
93	The effects of aerobic, resistance, and combination training on insulin sensitivity and secretion in overweight adults from STRRIDE AT/RT: a randomized trial. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 1474-82	3.7	44
92	Metabolomic analysis reveals altered skeletal muscle amino acid and fatty acid handling in obese humans. <i>Obesity</i> , <b>2015</b> , 23, 981-988	8	37
91	Exercise and Weight Loss Improve Muscle Mitochondrial Respiration, Lipid Partitioning, and Insulin Sensitivity After Gastric Bypass Surgery. <i>Diabetes</i> , <b>2015</b> , 64, 3737-50	0.9	102
90	The intervention composed of aerobic training and non-exercise physical activity (I-CAN) study: Rationale, design and methods. <i>Contemporary Clinical Trials</i> , <b>2015</b> , 45, 435-442	2.3	5
89	Skeletal muscle myotubes in severe obesity exhibit altered ubiquitin-proteasome and autophagic/lysosomal proteolytic flux. <i>Obesity</i> , <b>2015</b> , 23, 1185-93	8	24
88	Dose response of exercise training following roux-en-Y gastric bypass surgery: A randomized trial. <i>Obesity</i> , <b>2015</b> , 23, 2454-61	8	36
87	Clinical trial demonstrates exercise following bariatric surgery improves insulin sensitivity. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 248-57	15.9	86
86	Differential epigenetic and transcriptional response of the skeletal muscle carnitine palmitoyltransferase 1B (CPT1B) gene to lipid exposure with obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 309, E345-56	6	23
85	Lipid exposure elicits differential responses in gene expression and DNA methylation in primary human skeletal muscle cells from severely obese women. <i>Physiological Genomics</i> , <b>2015</b> , 47, 139-46	3.6	23
84	Glucose Metabolism is Impaired in Cultured Myotubes from Severely Obese Humans. <i>FASEB Journal</i> , <b>2015</b> , 29, 944.11	0.9	
83	Metabolic Flexibility is Impaired in Myotubes Derived from Severely Obese Humans. <i>FASEB Journal</i> , <b>2015</b> , 29, 824.14	0.9	
82	Intramyocellular Triacylglycerol is Associated with Peroxisomal Biogenesis in Skeletal Muscle from Lean and Obese Humans. <i>FASEB Journal</i> , <b>2015</b> , 29, LB708	0.9	1

81	Mitochondrial respiratory capacity and content are normal in young insulin-resistant obese humans. <i>Diabetes</i> , <b>2014</b> , 63, 132-41	0.9	67
80	SMAD3 augments FoxO3-induced MuRF-1 promoter activity in a DNA-binding-dependent manner. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 307, C278-87	5.4	31
79	Genome-wide chromatin state transitions associated with developmental and environmental cues. <i>Cell</i> , <b>2013</b> , 152, 642-54	56.2	400
78	Comparison of predictive equations and measured resting energy expenditure among obese youth attending a pediatric healthy weight clinic: one size does not fit all. <i>Nutrition in Clinical Practice</i> , <b>2013</b> , 28, 617-24	3.6	20
77	Impairments in site-specific AS160 phosphorylation and effects of exercise training. <i>Diabetes</i> , <b>2013</b> , 62, 3437-47	0.9	34
76	Moderate-intensity aerobic training program improves insulin sensitivity and inflammatory markers in a pilot study of morbidly obese minority teens. <i>Pediatric Exercise Science</i> , <b>2013</b> , 25, 12-26	2	21
75	Effects of aerobic and/or resistance training on body mass and fat mass in overweight or obese adults. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1831-7	3.7	200
74	Exercise effects on lipids in persons with varying dietary patterns-does diet matter if they exercise? Responses in Studies of a Targeted Risk Reduction Intervention through Defined Exercise I. <i>American Heart Journal</i> , <b>2012</b> , 164, 117-24	4.9	40
73	Substrate utilization during submaximal exercise in children with a severely obese parent. <i>Nutrition and Metabolism</i> , <b>2012</b> , 9, 38	4.6	5
72	Aerobic and resistance training effects on energy intake: the STRRIDE-AT/RT study. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 2033-9	1.2	17
71	Severe obesity: evidence for a deranged metabolic program in skeletal muscle?. <i>Exercise and Sport Sciences Reviews</i> , <b>2012</b> , 40, 204-10	6.7	34
70	Obesity, insulin resistance, and skeletal muscle nitric oxide synthase. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 758-65	3.7	17
69	Is there a metabolic program in the skeletal muscle of obese individuals?. <i>Journal of Obesity</i> , <b>2011</b> , 2011, 250496	3.7	21
68	Comparison of aerobic versus resistance exercise training effects on metabolic syndrome (from the Studies of a Targeted Risk Reduction Intervention Through Defined Exercise - STRRIDE-AT/RT). <i>American Journal of Cardiology</i> , <b>2011</b> , 108, 838-44	3	138
67	Metabolic remodeling of human skeletal myocytes by cocultured adipocytes depends on the lipolytic state of the system. <i>Diabetes</i> , <b>2011</b> , 60, 1882-93	0.9	38
66	Effects of an 8-month exercise training program on off-exercise physical activity. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 1744-51	1.2	26
65	Peroxisome proliferator-activated receptor-gamma coactivator-1alpha overexpression increases lipid oxidation in myocytes from extremely obese individuals. <i>Diabetes</i> , <b>2010</b> , 59, 1407-15	0.9	47
64	Lipid-induced insulin resistance is prevented in lean and obese myotubes by AICAR treatment. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 298, R1692-9	3.2	34

63	Effect of exercise intensity and volume on persistence of insulin sensitivity during training cessation. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1079-85	3.7	92
62	Increased secretion and expression of myostatin in skeletal muscle from extremely obese women. <i>Diabetes</i> , <b>2009</b> , 58, 30-8	0.9	225
61	Effects of exercise training intensity on pancreatic beta-cell function. <i>Diabetes Care</i> , <b>2009</b> , 32, 1807-11	14.6	119
60	Mitochondrial H <sub>2</sub> O <sub>2</sub> emission and cellular redox state link excess fat intake to insulin resistance in both rodents and humans. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 573-81	15.9	899
59	Relationships between circulating metabolic intermediates and insulin action in overweight to obese, inactive men and women. <i>Diabetes Care</i> , <b>2009</b> , 32, 1678-83	14.6	305
58	A sex-specific relationship between capillary density and anaerobic threshold. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1181-6	3.7	13
57	Relationships between adipose tissue and cytokine responses to a randomized controlled exercise training intervention. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 577-83	12.7	21
56	Impact of hormone replacement therapy on exercise training-induced improvements in insulin action in sedentary overweight adults. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 888-95	12.7	12
55	Intramuscular lipid oxidation and obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2008</b> , 294, R1111-6	3.2	75
54	Skeletal muscle lipid oxidation and obesity: influence of weight loss and exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E726-32	6	93
53	Mechanism for improved insulin sensitivity after gastric bypass surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4656-63	5.6	85
52	Exercise training amount and intensity effects on metabolic syndrome (from Studies of a Targeted Risk Reduction Intervention through Defined Exercise). <i>American Journal of Cardiology</i> , <b>2007</b> , 100, 1759-66	3	230
51	Modest exercise prevents the progressive disease associated with physical inactivity. <i>Exercise and Sport Sciences Reviews</i> , <b>2007</b> , 35, 18-23	6.7	56
50	Inactivity, exercise training and detraining, and plasma lipoproteins. STRRIDE: a randomized, controlled study of exercise intensity and amount. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 432-42	3.7	114
49	Primary cell cultures in the study of human muscle metabolism. <i>Exercise and Sport Sciences Reviews</i> , <b>2007</b> , 35, 56-61	6.7	29
48	Dietary carbohydrate intake and high-sensitivity C-reactive protein in at-risk women and men. <i>American Heart Journal</i> , <b>2007</b> , 154, 962-8	4.9	17
47	Expression of genes regulating malonyl-CoA in human skeletal muscle. <i>Journal of Cellular Biochemistry</i> , <b>2006</b> , 99, 860-7	4.7	19
46	Response of high-sensitivity C-reactive protein to exercise training in an at-risk population. <i>American Heart Journal</i> , <b>2006</b> , 152, 793-800	4.9	49

45	GRB14, GPD1, and GDF8 as potential network collaborators in weight loss-induced improvements in insulin action in human skeletal muscle. <i>Physiological Genomics</i> , <b>2006</b> , 27, 114-21	3.6	98
44	Glucose transporter expression in skeletal muscle of endurance-trained individuals. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 1088-92	1.2	9
43	Skeletal muscle fat oxidation is increased in African-American and white women after 10 days of endurance exercise training. <i>Obesity</i> , <b>2006</b> , 14, 1201-10	8	48
42	Fat as an endocrine organ: influence of exercise. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 757-64	3.7	59
41	Analysis of insulin-stimulated insulin receptor activation and glucose transport in cultured skeletal muscle cells from obese subjects. <i>Metabolism: Clinical and Experimental</i> , <b>2005</b> , 54, 598-603	12.7	14
40	Elevated stearoyl-CoA desaturase-1 expression in skeletal muscle contributes to abnormal fatty acid partitioning in obese humans. <i>Cell Metabolism</i> , <b>2005</b> , 2, 251-61	24.6	298
39	Proteome analysis of skeletal muscle from obese and morbidly obese women. <i>Diabetes</i> , <b>2005</b> , 54, 1283-8	8.9	78
38	Glucose uptake in muscle cell cultures from endurance-trained men. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 579-84	1.2	7
37	Effects of exercise training amount and intensity on peak oxygen consumption in middle-age men and women at risk for cardiovascular disease. <i>Chest</i> , <b>2005</b> , 128, 2788-93	5.3	108
36	Exercise training increases electron and substrate shuttling proteins in muscle of overweight men and women with the metabolic syndrome. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 168-79	3.7	42
35	Effect of the volume and intensity of exercise training on insulin sensitivity. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 101-6	3.7	388
34	Gender and racial differences in lipoprotein subclass distributions: the STRRIDE study. <i>Atherosclerosis</i> , <b>2004</b> , 176, 371-7	3.1	76
33	Weight loss and exercise: implications for muscle lipid metabolism and insulin action. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1191-5	1.2	42
32	Introduction-preventing insulin resistance through exercise: a cellular approach. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1187-90	1.2	21
31	Effect of weight loss on muscle lipid content in morbidly obese subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E726-32	6	61
30	Skeletal muscle lipid metabolism with obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E741-7	6	246
29	Plasma leptin and exercise: recent findings. <i>Sports Medicine</i> , <b>2003</b> , 33, 473-82	10.6	43
28	Muscle fiber type is associated with obesity and weight loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E1191-6	6	293

27	Peroxisome proliferator-activated receptor-alpha regulates fatty acid utilization in primary human skeletal muscle cells. <i>Diabetes</i> , <b>2002</b> , 51, 901-9	0.9	184
26	Fatty acid homeostasis and induction of lipid regulatory genes in skeletal muscles of peroxisome proliferator-activated receptor (PPAR) alpha knock-out mice. Evidence for compensatory regulation by PPAR delta. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 26089-97	5.4	302
25	Effect of weight loss on insulin sensitivity and intramuscular long-chain fatty acyl-CoAs in morbidly obese subjects. <i>Diabetes</i> , <b>2002</b> , 51, 2959-63	0.9	118
24	Effects of the amount and intensity of exercise on plasma lipoproteins. <i>New England Journal of Medicine</i> , <b>2002</b> , 347, 1483-92	59.2	1004
23	Effect of intense training on plasma leptin in male and female swimmers. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, 227-31	1.2	26
22	Substrate utilization during exercise in formerly morbidly obese women. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 1007-12	3.7	32
21	Studies of a targeted risk reduction intervention through defined exercise (STRRIDE). <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, 1774-84	1.2	96
20	Lipid oxidation is reduced in obese human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E1039-44	6	425
19	Impact of insulin resistance on lipoprotein subpopulation distribution in lean and morbidly obese nondiabetic women. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 285-92	12.7	20
18	Effect of aging on response to exercise training in humans: skeletal muscle GLUT-4 and insulin sensitivity. <i>Journal of Applied Physiology</i> , <b>1999</b> , 86, 2019-25	3.7	113
17	Impact of hyperinsulinemia on myosin heavy chain gene regulation. <i>Journal of Applied Physiology</i> , <b>1999</b> , 86, 1828-32	3.7	13
16	Fiber type and citrate synthase activity in the human gastrocnemius and vastus lateralis with aging. <i>Journal of Applied Physiology</i> , <b>1998</b> , 85, 1337-41	3.7	113
15	Normal forces and myofibrillar disruption after repeated eccentric exercise. <i>Journal of Applied Physiology</i> , <b>1998</b> , 84, 492-8	3.7	107
14	A new paradigm for type 2 diabetes mellitus: could it be a disease of the foregut?. <i>Annals of Surgery</i> , <b>1998</b> , 227, 637-43; discussion 643-4	7.8	188
13	Insulin activation of phosphatidylinositol 3-kinase in human skeletal muscle in vivo. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 718-22	3.7	14
12	Cortisol, testosterone, and insulin action during intense swimming training in humans. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1996</b> , 73, 61-5		16
11	Gender differences in serum leptin levels in humans. <i>Biochemical and Molecular Medicine</i> , <b>1996</b> , 59, 1-6		176
10	Do over-the-counter analgesics reduce delayed onset muscle soreness and serum creatine kinase values?. <i>Research in Sports Medicine</i> , <b>1995</b> , 6, 81-88		6



9	Effects of taper on swim performance. Practical implications. <i>Sports Medicine</i> , <b>1994</b> , 17, 224-32	10.6	34
8	The effects of static and ballistic stretching on delayed onset muscle soreness and creatine kinase. <i>Research Quarterly for Exercise and Sport</i> , <b>1993</b> , 64, 103-7	1.9	67
7	Impact of reduced training on performance in endurance athletes. <i>Sports Medicine</i> , <b>1991</b> , 12, 380-93	10.6	37
6	Effects of fitness level and the regional distribution of fat on carbohydrate metabolism and plasma lipids in middle- to older-aged men. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 714-9	12.7	17
5	The influence of exercise intensity on heat acclimation in trained subjects. <i>Medicine and Science in Sports and Exercise</i> , <b>1990</b> , 22, 615-20	1.2	77
4	Validity of a near-infrared spectrophotometry device for estimating human body composition. <i>Research Quarterly for Exercise and Sport</i> , <b>1989</b> , 60, 379-83	1.9	20
3	Physiological responses to successive days of intense training in competitive swimmers. <i>Medicine and Science in Sports and Exercise</i> , <b>1988</b> , 20, 255-9	1.2	86
2	Effects of repeated days of intensified training on muscle glycogen and swimming performance. <i>Medicine and Science in Sports and Exercise</i> , <b>1988</b> , 20, 249-54	1.2	203
1	The Lands cycle modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle		1