Calculation of substrate oxidation rates in vivo from ga

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Citation Report

#	Article	IF	Citations
1	Energy metabolism in rats with ventromedial hypothalamic lesions. American Journal of Physiology - Endocrinology and Metabolism, 1984, 246, E319-E326.	1.8	8
2	Effects of Chronic Beta Receptor Stimulation on Glucose Metabolism. Diabetes, 1984, 33, 1144-1149.	0.3	51
3	Relationship between insulin-mediated glucose disposal and lipid metabolism in man.. Journal of Clinical Investigation, 1985, 75, 1106-1115.	3.9	144
4	Effect of thyroid hormone excess on action, secretion, and metabolism of insulin in humans. American Journal of Physiology - Endocrinology and Metabolism, 1985, 248, E593-E601.	1.8	107
5	Study of Glucose and Lipid Metabolism by Continuous Indirect Calorimetry in Gravesâ€™ Disease: Effect of an Oral Glucose Load. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 1165-1171.	1.8	30
6	Regulation of Energy Balance. Annual Review of Nutrition, 1985, 5, 411-433.	4.3	41
7	Nutrient Intake in Critically Ill Patients: Too Many or Too Few Calories?. Mayo Clinic Proceedings, 1986, 61, 853-858.	1.4	7
8	Glucose oxidation rates in newborn infants measured with indirect calorimetry and [U-13Clglucose. Clinical Science, 1986, 70, 587-593.	1.8	49
9	The Oxidation of Body Fuel Stores in Cancer Patients. Annals of Surgery, 1986, 204, 637-642.	2.1	50
11	Glucose Storage Is a Major Determinant of in Vivo â€œInsulin Resistanceâ€•in Subjects with Normal Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 922-927.	1.8	120
12	Effect of Severe Burn Injury on Substrate Cycling by Glucose and Fatty Acids. New England Journal of Medicine, 1987, 317, 403-408.	13.9	445
13	Effect of Glyburide on Glycemic Control, Insulin Requirement, and Glucose Metabolism in Insulin-Treated Diabetic Patients. Diabetes, 1987, 36, 136-146.	0.3	68
14	Measurement of Energy Expenditure in Clinical Nutritional Assessment. Journal of Parenteral and Enteral Nutrition, 1987, 11, 86S-89S.	1.3	39
15	Hormonal and Metabolic Responses to Glucose Infusion in Sepsis Studied by the Hyperglycemic Glucose Clamp Technique. Journal of Parenteral and Enteral Nutrition, 1987, 11, 345-353.	1.3	83
16	Day-to-Day Energy Expenditure Variability in Low Birth Weight Neonates. Pediatric Research, 1987, 21, 66-71.	1.1	22
17	Substrate supply for thermogenesis induced by the Î²-adrenoceptor agonist BRL 26830A. Canadian Journal of Physiology and Pharmacology, 1987, 65, 113-119.	0.7	32
19	Leucine, glucose, and energy metabolism after 3 days of fasting in healthy human subjects. American Journal of Clinical Nutrition, 1987, 46, 557-562.	2.2	101
20	Assessment of Energy Expenditure and Fuel Utilization in Man. Annual Review of Nutrition, 1987, 7, 187-208.	4.3	470

#	Article	IF	Citations
21	7 Indirect calorimetry. Bailliere's Clinical Endocrinology and Metabolism, 1987, 1, 911-935.	1.0	114
22	Energy expenditure after infusion of glucose-based total parenteral nutrition. American Journal of Physiology - Endocrinology and Metabolism, 1987, 253, E135-E141.	1.8	5
23	Insulin Resistance in Essential Hypertension. New England Journal of Medicine, 1987, 317, 350-357.	13.9	2,338
24	Oxidative and non-oxidative glucose metabolism in non-obese Type 2 (non-insulin-dependent) diabetic patients. Diabetologia, 1988, 31, 585-591.	2.9	97
25	Metabolic basis of obesity and noninsulinâ€dependent diabetes mellitus. Diabetes/metabolism Reviews, 1988, 4, 727-747.	0.2	117
26	Energy expenditure and body composition in patients with anorexia nervosa. Journal of Pediatrics, 1988, 113, 919-924.	0.9	76
27	Relationship between glucose oxidation and FFA concentration in septic cancer-bearing patients. Metabolism: Clinical and Experimental, 1988, 37, 1045-1050.	1.5	12
28	The theoretical bases of indirect calorimetry: A review. Metabolism: Clinical and Experimental, 1988, 37, 287-301.	1.5	1,425
29	Effect of elevated free fatty acids on glucose oxidation in normal humans. Metabolism: Clinical and Experimental, 1988, 37, 323-329.	1.5	109
30	Indirect calorimetry. Metabolism: Clinical and Experimental, 1988, 37, 1185.	1.5	4
31	Title is missing!. Metabolism: Clinical and Experimental, 1988, 37, 1185.	1.5	3
32	POSTOPERATIVE POSITIVE NITROGEN BALANCE WITH INTRAVENOUS HYPONUTRITION AND GROWTH HORMONE. Lancet, The, 1988, 331, 438-440.	6.3	165
33	Effect of Hyperinsulinemia on Urea Pool Size and Substrate Oxidation Rates. Diabetes, 1988, 37, 1212-1216.	0.3	127
34	Energy and Protein Metabolism in Sarcoma Patients. Annals of Surgery, 1988, 207, 283-289.	2.1	37
35	Factors controlling the disposition of primary nutrients. Proceedings of the Nutrition Society, 1988, 47, 169-176.	0.4	6
36	Theory and validity of indirect calorimetry during net lipid synthesis. American Journal of Clinical Nutrition, 1988, 47, 591-607.	2.2	266
37	Estimation of energy expenditure, net carbohydrate utilization, and net fat oxidation and synthesis by indirect calorimetry: evaluation of errors with special reference to the detailed composition of fuels. American Journal of Clinical Nutrition, 1988, 47, 608-628.	2.2	545
38	Interaction of carnitine with insulin-stimulated glucose metabolism in humans. American Journal of Physiology - Endocrinology and Metabolism, 1988, 255, E946-E952.	1.8	33

#	Article	IF	Citations
39	Normalization of carbohydrate-induced thermogenesis by fructose in insulin-resistant states. American Journal of Physiology - Endocrinology and Metabolism, 1988, 254, E201-E207.	1.8	22
40	Resting metabolic rate and diet-induced thermogenesis in abdominal and gluteal-femoral obese women before and after weight reduction. American Journal of Clinical Nutrition, 1988, 47, 840-847.	2.2	65
41	Effect of short- and long-term beta-adrenergic blockade on lipolysis during fasting in humans. American Journal of Physiology - Endocrinology and Metabolism, 1989, 257, E65-E73.	1.8	34
42	Oxidative fuel metabolism during mild hypoglycemia: critical role of free fatty acids. American Journal of Physiology - Endocrinology and Metabolism, 1989, 256, E413-E419.	1.8	14
43	Time dependence of the interaction between lipid and glucose in humans. American Journal of Physiology - Endocrinology and Metabolism, 1989, 257, E49-E56.	1.8	55
44	Role of insulin and glucose oxidation in mediating the protein catabolism of burns and sepsis. American Journal of Physiology - Endocrinology and Metabolism, 1989, 257, E323-E331.	1.8	44
45	Dietary carbohydrate-to-fat ratio: influence on whole-body nitrogen retention, substrate utilization, and hormone response in healthy male subjects. American Journal of Clinical Nutrition, 1989, 49, 1169-1178.	2.2	35
46	Long-term mild jogging increases insulin action despite no influence on body mass index or VO2 max. Journal of Applied Physiology, 1989, 66, 2206-2210.	1.2	120
47	The Effects of an Anabolic Steroid and Peripherally Administered Intravenous Nutrition in the Early Postoperative Period. Journal of Parenteral and Enteral Nutrition, 1989, 13, 349-358.	1.3	22
48	Nutritional Support of Hospitalized Patients. Veterinary Clinics of North America - Small Animal Practice, 1989, 19, 475-495.	0.5	31
49	Measured Energy Expenditure in Pediatric Intensive Care Patients. JAMA Pediatrics, 1989, 143, 490.	3.6	14
50	Energy Substrate Utilization in Infants Receiving Total Parenteral Nutrition with Different Glucose to Fat Ratios. Pediatric Research, 1989, 25, 645-648.	1.1	74
51	Energy Metabolism in Children with Newly Diagnosed Acute Lymphoblastic Leukemia. Pediatric Research, 1989, 26, 154-157.	1.1	34
52	Regulation of skeletal muscle pyruvate dehydrogenase and glycogen synthase in man. Diabetes/metabolism Reviews, 1989, 5, 475-486.	0.2	13
53	Assessment of oxygen-consumption by use of reverse Fick-principle and indirect calorimetry in critically Ill patients. Clinical Nutrition, 1989, 8, 89-93.	2.3	12
54	Biosynthetic human growth hormone in burned patients: a pilot study. Burns, 1989, 15, 99-107.	1.1	66
55	The utilisation of peripherally-administered intravenous nutrient solutions. Clinical Nutrition, 1989, 8, 289-297.	2.3	0
56	Differentiation between septic and postburn insulin resistance. Metabolism: Clinical and Experimental, 1989, 38, 983-989.	1.5	187

#	Article	IF	Citations
57	Metabolism of intravenous fat emulsion in the surgical newborn. Journal of Pediatric Surgery, 1989, 24, 95-102.	0.8	54
58	Effects of Insulin on Human Adipose Tissue Metabolism in Vivo. Clinical Science, 1989, 77, 663-670.	1.8	84
59	Substrate Utilization during Exercise in Chronic Cardiac Failure. Clinical Science, 1990, 79, 89-95.	1.8	11
60	Physiological Levels of Plasma Non-Esterified Fatty Acids Impair Forearm Glucose Uptake in Normal Man. Clinical Science, 1990, 79, 167-174.	1.8	28
61	Postprandial Substrate Deposition in Human Forearm and Adipose Tissues in Vivo. Clinical Science, 1990, 79, 339-348.	1.8	177
62	Glucose Production and Oxidation in Preterm Infants during Total Parenteral Nutrition. Pediatric Research, 1990, 28, 153-157.	1.1	29
63	METABOLIC EFFECTS OF AN INSULIN-LIKE FACTOR CAUSING HYPOGLYCAEMIA IN A PATIENT WITH A HAEMANGIOPERICYTOMA. Clinical Endocrinology, 1990, 32, 769-780.	1.2	43
64	On the determination of basal glucose production rate in patients with Type 2 (non-insulin-dependent) diabetes mellitus using primed-continuous 3-3H-glucose infusion. Diabetologia, 1990, 33, 603-610.	2.9	151
65	Reduction of insulin resistance by combined kidney-pancreas transplantation in Type 1 (insulin-dependent) diabetic patients. Diabetologia, 1990, 33, 549-556.	2.9	116
66	Energy metabolism in patients with acute and chronic liver disease. Hepatology, 1990, 11, 387-393.	3.6	147
67	Effects of high carnitine supplementation on substrate utilization in low-birth-weight infants receiving total parenteral nutrition. American Journal of Clinical Nutrition, 1990, 52, 889-894.	2.2	33
68	Low ratio of fat to carbohydrate oxidation as predictor of weight gain: study of 24-h RQ. American Journal of Physiology - Endocrinology and Metabolism, 1990, 259, E650-E657.	1.8	346
69	Indirect calorimetry: methodological and interpretative problems. American Journal of Physiology - Endocrinology and Metabolism, 1990, 258, E399-E412.	1.8	200
70	Comparison of substrate utilization by indirect calorimetry during cyclic and continuous total parenteral nutrition. American Journal of Clinical Nutrition, 1990, 51, 107-111.	2.2	42
71	Energy metabolism in acute and chronic renal failure. American Journal of Clinical Nutrition, 1990, 52, 596-601.	2.2	216
72	Effects of insulin on skeletal muscle glucose storage, oxidation, and glycolysis in humans. American Journal of Physiology - Endocrinology and Metabolism, 1990, 258, E923-E929.	1.8	86
73	Mechanisms of starvation diabetes: a study with double tracer and indirect calorimetry. American Journal of Physiology - Endocrinology and Metabolism, 1990, 259, E770-E777.	1.8	30
74	Role of triglyceride-fatty acid cycle in controlling fat metabolism in humans during and after exercise. American Journal of Physiology - Endocrinology and Metabolism, 1990, 258, E382-E389.	1.8	184

#	Article	IF	Citations
75	Protein and Energy Metabolism with Biosynthetic Human Growth Hormone in Patients on Full Intravenous Nutritional Support. Journal of Parenteral and Enteral Nutrition, 1990, 14, 437-441.	1.3	42
76	Short-Term Effects of Growth Hormone on Fuel Oxidation and Regional Substrate Metabolism in Normal Man. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1179-1186.	1.8	161
77	Fasting Hyperglycemia Normalizes Oxidative and Nonoxidative Pathways of Insulin-Stimulated Glucose Metabolism in Noninsulin-Dependent Diabetes Mellitus*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1544-1551.	1.8	36
78	Defective Free-Fatty Acid and Oxidative Glucose Metabolism in IDDM During Hypoglycemia: Influence of Glycemic Control. Diabetes, 1990, 39, 134-141.	0.3	24
79	Decreased glucose oxidation during short-term starvation. Metabolism: Clinical and Experimental, 1990, 39, 525-530.	1.5	62
80	Increased resting energy expenditure in human immunodeficiency virus-infected men. Metabolism: Clinical and Experimental, 1990, 39, 1186-1190.	1.5	124
81	Arteriovenous differences across human adipose and forearm tissues after overnight fast. Metabolism: Clinical and Experimental, 1990, 39, 384-390.	1.5	67
82	Leucine kinetics and fuel utilization during a brief fast in human pregnancy. Metabolism: Clinical and Experimental, 1991, 40, 1249-1256.	1.5	30
83	Insulin sensitivity and insulin clearance in human immunodeficiency virus-infected men. Metabolism: Clinical and Experimental, 1991, 40, 651-656.	1.5	149
84	Glucose versus glucose-fat mixture in the course of total parenteral nutrition: effects on substrate utilisation and energy metabolism in malnourished children. Clinical Nutrition, 1991, 10, 272-278.	2.3	11
85	Comparison of extracellular and net glucose oxidation measured isotopically and by indirect calorimetry during high and low glucose turnover. American Journal of Clinical Nutrition, 1991, 53, 1138-1142.	2.2	15
86	Protein-metabolism kinetics and energy-substrate utilization in infants fed parenteral solutions with different glucose-fat ratios. American Journal of Clinical Nutrition, 1991, 54, 370-376.	2.2	61
87	Oral nutrition in patients receiving home cyclic parenteral nutrition: pattern of substrate utilization. American Journal of Clinical Nutrition, 1991, 54, 560-564.	2.2	12
88	Glucose regulation of lipid metabolism in humans. American Journal of Physiology - Endocrinology and Metabolism, 1991, 261, E815-E820.	1.8	15
89	A Low Rate of Fat Utilization as a Predictor of Weight Gain1. Frontiers in Diabetes, 1992, 11, 50-60.	0.4	2
90	How valid are isotopic measurements of fatty acid oxidation?. American Journal of Physiology - Endocrinology and Metabolism, 1991, 261, E572-E577.	1.8	26
91	Resting energy expenditure and substrate oxidation in human immunodeficiency virus (HIV)-infected asymptomatic men: HIV affects host metabolism in the early asymptomatic stage. American Journal of Clinical Nutrition, 1991, 54, 311-315.	2.2	156
92	Glucose and fat metabolism during short-term starvation in cirrhosis. Gastroenterology, 1991, 100, 731-737.	0.6	69

#	Article	IF	Citations
93	Total Parenteral Nutrition: Practical Recommendations and New Developments. Scandinavian Journal of Gastroenterology, 1991, 26, 118-123.	0.6	4
94	Dose-response relationships for the effects of insulin on glucose and fat metabolism in injured patients and control subjects. Clinical Science, 1991, 80, 25-32.	1.8	31
95	Basal fuel homoeostasis in symptomatic human immunodeficiency virus infection. Clinical Science, 1991, 80, 359-365.	1.8	34
96	Role of plasma non-esterified fatty acids during and after exercise. Clinical Science, 1991, 81, 319-325.	1.8	14
97	Are patients with primary biliary cirrhosis hypermetabolic? a comparison between patients before and after liver transplantation and controls. Hepatology, 1991, 14, 464-472.	3.6	29
98	Reduced glycogen synthase activity in skeletal muscle from obese patients with and without Type 2 (non-insulin-dependent) diabetes mellitus. Diabetologia, 1991, 34, 239-245.	2.9	193
99	Role of Basal Insulin in the Regulation of Protein Kinetics and Energy Metabolism in Septic Patients. Journal of Parenteral and Enteral Nutrition, 1991, 15, 394-399.	1.3	13
100	Energy Expenditure and Substrate Utilization in the Course of Renutrition of Malnourished Children. Journal of Parenteral and Enteral Nutrition, 1991, 15, 288-293.	1.3	20
101	Empirical Assessment of Model Validity. Journal of Parenteral and Enteral Nutrition, 1991, 15, 50S-54S.	1.3	0
102	Insulin Resistance: An Early Metabolic Defect of Turner's Syndrome*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 832-836.	1.8	114
103	An evaluation of the Deltatrac indirect calorimeter by gravimetric injection and alcohol burning. Clinical Physics and Physiological Measurement: an Official Journal of the Hospital Physicists' Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics, 1991, 12, 333-341.	0.5	29
104	Impaired Expression of Glycogen Synthase mRNA in Skeletal Muscle of NIDDM Patients. Diabetes, 1991, 40, 1740-1745.	0.3	67
105	Arterial and Mixed Venous Blood Acid-Base Balance During Hypoperfusion With Incremental Positive End-Expiratory Pressure in the Pig. Anesthesia and Analgesia, 1991, 73, 576???582.	1.1	24
106	Effects of Pancreas Transplantation on Postprandial Glucose Metabolism. New England Journal of Medicine, 1991, 325, 1278-1283.	13.9	128
107	Insulin-Resistant Diabetes Mellitus and Hypermetabolism in Mandibuloacral Dysplasia: A Newly Recognized Form of Partial Lipodystrophy*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 1056-1061.	1.8	34
108	Metabolic Effects of Suppression of Nonesterified Fatty Acid Levels With Acipimox in Obese NIDDM Subjects. Diabetes, 1992, 41, 1400-1408.	0.3	82
109	Basal- and insulin-stimulated substrate metabolism in patients with active acromegaly before and after adenomectomy.. Journal of Clinical Endocrinology and Metabolism, 1992, 74, 1012-1019.	1.8	152
110	Lipid and lipoprotein metabolism in familial combined hyperlipidaemia during treatment of sporadic phaeochromocytoma: a case study. Postgraduate Medical Journal, 1992, 68, 371-375.	0.9	7

#	Article	IF	Citations
111	Effect of increased free fatty acid supply on glucose metabolism and skeletal muscle glycogen synthase activity in normal man. Clinical Science, 1992, 82, 219-226.	1.8	71
112	Acute metabolic and hormonal responses to the inhibition of lipolysis in non-obese patients with non-insulin-dependent (type 2) diabetes mellitus: effects of acipimox. Clinical Science, 1992, 82, 565-571.	1.8	23
113	Effects of prolonged Acipimox treatment on glucose and lipid metabolism and on in vivo insulin sensitivity in patients with non-insulin dependent diabetes mellitus. European Journal of Endocrinology, 1992, 127, 344-350.	1.9	39
114	Thermic effect of a meal. British Journal of Nutrition, 1992, 67, 165-175.	1.2	41
115	The Effect of Intravenous Metformin on Glucose Metabolism During Hyperglycaemia in Type 2 Diabetes. Diabetic Medicine, 1992, 9, 61-65.	1.2	91
116	In vivo assessment of the metabolic alterations in glucagonoma syndrome. Metabolism: Clinical and Experimental, 1992, 41, 1171-1175.	1.5	25
117	Effects of different lipid substrates on glucose metabolism in normal postabsorptive humans. Metabolism: Clinical and Experimental, 1992, 41, 1276-1283.	1.5	10
118	Short-term energy balance in patients with infections: Carbohydrate-based versus fat-based diets. Metabolism: Clinical and Experimental, 1992, 41, 125-130.	1.5	23
119	Dose-response studies on the metabolic effects of a growth hormone pulse in humans. Metabolism: Clinical and Experimental, 1992, 41, 172-175.	1.5	87
120	Effects of growth hormone administration on fuel oxidation and thyroid function in normal man. Metabolism: Clinical and Experimental, 1992, 41, 728-731.	1.5	73
121	Comparison of indirect calorimetry and a new breath 13C/12C ratio method during strenuous exercise. American Journal of Physiology - Endocrinology and Metabolism, 1992, 263, E64-E71.	1.8	61
122	Use of [3-3H]glucose and [6-14C]glucose to measure glucose turnover and glucose metabolism in humans. American Journal of Physiology - Endocrinology and Metabolism, 1992, 263, E17-E22.	1.8	6
123	Increased plasma FFA uptake and oxidation during prolonged exercise in trained vs. untrained humans. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E791-E799.	1.8	136
124	Carbohydrate restriction regulates the adaptive response to fasting. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E631-E636.	1.8	47
125	Anomalous leucine metabolism in total lipoatrophic diabetes: a possible mechanism of muscle mass hypertrophy. Acta Diabetologica, 1992, 29, 86-93.	1.2	3
126	Hyperglycaemia compensates for the defects in insulin-mediated glucose metabolism and in the activation of glycogen synthase in the skeletal muscle of patients with Type 2 (non-insulin-dependent) diabetes mellitus. Diabetologia, 1992, 35, 80-88.	2.9	67
127	Characteristics of norepinephrine stimulated thermogenesis in undernourished subjects. Journal of Biosciences, 1992, 17, 293-303.	0.5	3
128	Substrate oxidation and the contribution of protein oxidation to energy expenditure after severe head injury. Injury, 1992, 23, 183-186.	0.7	5

#	Article	IF	Citations
129	Different contribution of substrates oxidation to insulin resistance in malnourished elderly patients with cancer. Cancer, 1993, 72, 3106-3113.	2.0	8
130	Impact of 2 weeks high dose growth hormone treatment on basal and insulin stimulated substrate metabolism in humans. Clinical Endocrinology, 1993, 39, 577-581.	1.2	35
131	Increased insulinâ€stimulated glucose uptake in athletes: the importance of GLUT4 mRNA, GLUT4 protein and fibre type composition of skeletal muscle. Acta Physiologica Scandinavica, 1993, 149, 393-404.	2.3	38
132	Glucose metabolism in a term infant with transient hyperinsulinism and high carbohydrate intake. European Journal of Pediatrics, 1993, 152, 343-347.	1.3	4
133	Renal function and insulin sensitivity during simvastatin treatment in Type 2 (non-insulin-dependent) diabetic patients with microalbuminuria. Diabetologia, 1993, 36, 1079-1086.	2.9	96
134	Acipimox increases glucose disposal in normal man independent of changes in plasma nonesterified fatty acid concentration and whole-body lipid oxidation rate. Metabolism: Clinical and Experimental, 1993, 42, 308-314.	1.5	32
135	The effects of changes in plasma nonesterified fatty acid levels on oxidative metabolism during moderate exercise in patients with non-insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1993, 42, 426-434.	1.5	7
136	Glucose fluxes and oxidation after an oral glucose load in patients with non-insulin-dependent diabetes mellitus of variable severity. Metabolism: Clinical and Experimental, 1993, 42, 522-530.	1.5	18
137	Protein and glucose fuel kinetics and hormonal changes in elderly trauma patients. Metabolism: Clinical and Experimental, 1993, 42, 1255-1262.	1.5	26
138	The impact of metformin therapy on hepatic glucose production and skeletal muscle glycogen synthase activity in overweight type II diabetic patients. Metabolism: Clinical and Experimental, 1993, 42, 1217-1222.	1.5	139
139	Energy expenditure and substrate metabolism after oral fructose in patients with cirrhosis. Journal of Hepatology, 1993, 19, 241-251.	1.8	12
140	Effect of the Quality of Infused Energy on Substrate Utilization in the Newborn Receiving Total Parenteral Nutrition. Pediatric Research, 1993, 33, 112-117.	1.1	34
141	Influence of short-term dexfenfluramine therapy on glucose and lipid metabolism in obese non-diabetic patients. European Journal of Endocrinology, 1993, 128, 251-258.	1.9	23
142	Regulation of free fatty acid metabolism by glucagon.. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 11-15.	1.8	75
143	Marked effects of sustained low growth hormone (GH) levels on day-to-day fuel metabolism: studies in GH-deficient patients and healthy untreated subjects.. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 1589-1596.	1.8	77
144	Normal basal and insulin-stimulated fuel metabolism in lean women with the polycystic ovary syndrome.. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 1636-1640.	1.8	109
145	Resting energy expenditure and substrate oxidation rates in cystic fibrosis.. Archives of Disease in Childhood, 1993, 68, 754-759.	1.0	15
146	The Role of Plasma Nonâ€esterified Fatty Acids During Exercise in Type 2 Diabetes Mellitus. Diabetic Medicine, 1993, 10, 152-158.	1.2	4

#	Article	IF	Citations
147	Food quotient, respiratory quotient, and energy balance. American Journal of Clinical Nutrition, 1993, 57, 759S-765S.	2.2	76
148	Skeletal muscle substrate utilization during submaximal exercise in man: effect of endurance training.. Journal of Physiology, 1993, 469, 459-478.	1.3	362
149	Exercise increases muscle GLUT-4 levels and insulin action in subjects with impaired glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 1993, 264, E855-E862.	1.8	158
150	Effect of chemotherapy on the energy and protein metabolism of children near the end of treatment for acute lymphoblastic leukemia. American Journal of Clinical Nutrition, 1993, 57, 679-684.	2.2	33
151	Resting metabolic rate and diet-induced thermogenesis: a methodological reappraisal. American Journal of Clinical Nutrition, 1993, 58, 592-601.	2.2	147
152	Effects of physiological hyperinsulinemia on the intracellular metabolic partition of plasma glucose. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E943-E953.	1.8	11
153	Strenuous endurance training increases lipolysis and triglyceride-fatty acid cycling at rest. Journal of Applied Physiology, 1993, 75, 108-113.	1.2	113
154	Progressive alterations in lipid and glucose metabolism during short-term fasting in young adult men. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E801-E806.	1.8	39
155	Influence of carbohydrate loading on fuel substrate turnover and oxidation during prolonged exercise. Journal of Applied Physiology, 1993, 74, 1921-1927.	1.2	114
156	GLUT-4 content in plasma membrane of muscle from patients with non-insulin-dependent diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E889-E897.	1.8	21
157	Effects of blockade of fatty acid oxidation on whole body and tissue-specific glucose metabolism in rats. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E592-E600.	1.8	6
158	Mismatch between lipid mobilization and oxidation: glycerol kinetics in running African goats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1993, 264, R797-R803.	0.9	8
159	Differential regulation of intracellular glucose metabolism by glucose and insulin in human muscle. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E898-E905.	1.8	39
160	Energy metabolism in acute hepatic failure. Gastroenterology, 1993, 105, 1515-1521.	0.6	80
161	Management of Gestational Diabetes. Clinics in Perinatology, 1993, 20, 603-617.	0.8	13
162	Effects of puberty and diabetes on metabolism of insulin-sensitive fuels. American Journal of Physiology - Endocrinology and Metabolism, 1994, 266, E885-E891.	1.8	31
163	Fat metabolism in human obesity. American Journal of Physiology - Endocrinology and Metabolism, 1994, 266, E600-E605.	1.8	74
164	Ten days of exercise training reduces glucose production and utilization during moderate-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 1994, 266, E136-E143.	1.8	35

#	Article	IF	Citations
165	Heat Production and Quantitative Oxidation of Nutrients by Physical Activity in Pigs. Annals of Nutrition and Metabolism, 1994, 38, 1-7.	1.0	7
166	Increased capacity for circulatory fatty acid transport in a highly aerobic mammal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1994, 266, R1280-R1286.	0.9	13
167	Pre- and posttranslational upregulation of muscle-specific glycogen synthase in athletes. American Journal of Physiology - Endocrinology and Metabolism, 1994, 266, E92-E101.	1.8	19
168	Immediate metabolic availability of dietary fat in combination with carbohydrate. American Journal of Clinical Nutrition, 1994, 59, 53-59.	2.2	93
169	Effects of glucose-to-lipid ratio and type of lipid on substrate oxidation rate in patients. American Journal of Physiology - Endocrinology and Metabolism, 1994, 267, E775-E780.	1.8	14
170	Effects of isoenergetic, low-fat diets on energy metabolism in lean and obese women. American Journal of Clinical Nutrition, 1994, 60, 470-475.	2.2	27
171	Impaired free fatty acid utilization by skeletal muscle in non-insulin-dependent diabetes mellitus.. Journal of Clinical Investigation, 1994, 94, 2349-2356.	3.9	421
172	Infusion of Longâ€Chain or Mediumâ€Chain Triglycerides Inhibits Peripheral Glucose Metabolism in Men. Journal of Parenteral and Enteral Nutrition, 1994, 18, 436-441.	1.3	12
173	Correlations Between Fatty Acid and Glucose Metabolism: Potential Explanation of Insulin Resistance of Puberty. Diabetes, 1994, 43, 908-914.	0.3	140
174	Glucose Metabolism During the Starved-To-Fed Transition in Obese Patients With NIDDM. Diabetes, 1994, 43, 1418-1425.	0.3	29
175	Effects of glipizide on glucose metabolism and muscle content of the insulin-regulatable glucose transporter (GLUT 4) and glycogen synthase activity during hyperglycaemia in type 2 diabetic patients. Acta Diabetologica, 1994, 31, 31-36.	1.2	7
176	Practical aspects of indirect calorimetry in laboratory animals. Neuroscience and Biobehavioral Reviews, 1994, 18, 435-447.	2.9	88
177	Effects of human growth hormone on fuel utilization and mineral balance in critically ill patients on full intravenous nutritional support. Journal of Critical Care, 1994, 9, 143-150.	1.0	4
178	Prostacyclin improves glucose utilization in patients with sepsis. Journal of Critical Care, 1994, 9, 175-184.	1.0	22
179	Nutritional support of hospitalised dogs and cats. Australian Veterinary Journal, 1994, 71, 332-336.	0.5	5
180	Sex differences in the adaptation of glucose metabolism to short-term fasting: Effects of oral contraceptives. Metabolism: Clinical and Experimental, 1994, 43, 1503-1508.	1.5	23
181	Impaired postprandial glucose utilization in non-insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1994, 43, 1549-1557.	1.5	90
182	Lipid metabolism and substrate oxidation during intravenous fructose administration in cirrhosis. Metabolism: Clinical and Experimental, 1994, 43, 1171-1181.	1.5	4

#	Article	IF	Citations
183	Augmented effect of short-term pulsatile versus continuous insulin delivery on lipid metabolism but similar effect on whole-body glucose metabolism in obese subjects. Metabolism: Clinical and Experimental, 1994, 43, 842-846.	1.5	23
184	Fuel metabolism, energy expenditure, and thyroid function in growth hormone-treated obese women: A double-blind placebo-controlled study. Metabolism: Clinical and Experimental, 1994, 43, 872-877.	1.5	69
185	Methods for measurement of energy expenditure and substrate concentrations in swimming rats. Physiology and Behavior, 1994, 56, 151-159.	1.0	23
186	Substrate utilization during the first weeks of life. Acta Paediatrica, International Journal of Paediatrics, 1994, 83, 49-53.	0.7	12
187	Hepatic fuel selection. Proceedings of the Nutrition Society, 1995, 54, 139-150.	0.4	22
188	Wholeâ€body Glucose Metabolism in Obese Patients with Type 2 Diabetes Mellitus: the Impact of Hypertension and Strict Blood Glucose Control. Diabetic Medicine, 1995, 12, 156-163.	1.2	0
189	Low-Dose Oral Glyburide Reduces Fasting Blood Glucose by Decreasing Hepatic Glucose Production in Healthy Volunteers Without Increasing Carbohydrate Oxidation. American Journal of the Medical Sciences, 1995, 309, 134-139.	0.4	7
190	Long-term effects of a high-carbohydrate diet and exercise on insulin action in older subjects with impaired glucose tolerance. American Journal of Clinical Nutrition, 1995, 62, 426-433.	2.2	48
191	Resting metabolic rate and thermic effect of a meal in the follicular and luteal phases of the menstrual cycle in well-nourished Indian women. American Journal of Clinical Nutrition, 1995, 61, 296-302.	2.2	71
192	Multiple defects of both hepatic and peripheral intracellular glucose processing contribute to the hyperglycaemia of NIDDM. Diabetologia, 1995, 38, 326-336.	2.9	64
193	Peripheral and hepatic insulin sensitivity in subjects with impaired glucose tolerance. Diabetologia, 1995, 38, 699-704.	2.9	28
194	Unchanged gene expression of glycogen synthase in muscle from patients with NIDDM following sulphonylurea-induced improvement of glycaemic control. Diabetologia, 1995, 38, 1230-1238.	2.9	8
195	The basis of direct and indirect calorimetry and their potentials. Diabetes/metabolism Reviews, 1995, 11, 383-408.	0.2	54
196	A new correction factor for use in tracer estimations of plasma fatty acid oxidation. American Journal of Physiology - Endocrinology and Metabolism, 1995, 269, E649-E656.	1.8	122
197	Effect of cortisol on energy expenditure and amino acid metabolism in humans. American Journal of Physiology - Endocrinology and Metabolism, 1995, 268, E501-E513.	1.8	106
198	Quantification of carbohydrate oxidation by respiratory gas exchange and isotopic tracers. American Journal of Physiology - Endocrinology and Metabolism, 1995, 268, E789-E796.	1.8	14
199	Relationship between fatty acid delivery and fatty acid oxidation during strenuous exercise. Journal of Applied Physiology, 1995, 79, 1939-1945.	1.2	202
200	Endocrinologic and metabolic effects of interleukin-6 in humans. American Journal of Physiology - Endocrinology and Metabolism, 1995, 268, E813-E819.	1.8	132

#	Article	IF	Citations
201	Effects of caffeine ingestion on NE kinetics, fat oxidation, and energy expenditure in younger and older men. American Journal of Physiology - Endocrinology and Metabolism, 1995, 268, E1192-E1198.	1.8	27
202	Theories and Assumptions on Energy Expenditure: Determinations in the Clinical Setting. Critical Care Clinics, 1995, 11, 587-601.	1.0	15
203	A widespread amino acid polymorphism at codon 905 of the glycogen-associated regulatory subunit of protein phosphatase-1 is associated with insulin resistance and hypersecretion of insulin. Human Molecular Genetics, 1995, 4, 1313-1320.	1.4	91
204	Lipid and Carbohydrate Metabolism in IDDM During Moderate and Intense Exercise. Diabetes, 1995, 44, 1066-1074.	0.3	42
205	Energy metabolism and substrate oxidation in acromegaly.. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 486-491.	1.8	24
206	Increased basal glucose production in type 1 Gaucher's disease.. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 2653-2657.	1.8	29
207	Adults with growth hormone deficiency have abnormal body composition but normal energy metabolism.. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 72-77.	1.8	88
208	Reduced non-oxidative glucose utilization in cancer patients is associated with a low triiodothyronine concentration.. Journal of the American College of Nutrition, 1995, 14, 341-348.	1.1	10
209	Low-carbohydrate diet alters intracellular glucose metabolism but not overall glucose disposal in exercise-trained subjects. Metabolism: Clinical and Experimental, 1995, 44, 1264-1270.	1.5	33
210	Insulin-resistant glucose metabolism in patients with microvascular anginaâ€"syndrome X. Metabolism: Clinical and Experimental, 1995, 44, 876-882.	1.5	7
211	Non-protein energy intake during total parenteral nutrition: effect on protein turnover and energy metabolism. Clinical Nutrition, 1995, 14, 47-49.	2.3	8
212	Effect of theophylline on substrate metabolism during exercise. Metabolism: Clinical and Experimental, 1996, 45, 1153-1160.	1.5	42
213	Glucose processing during the intravenous glucose tolerance test. Metabolism: Clinical and Experimental, 1996, 45, 598-605.	1.5	4
214	Effects of the somatostatin analog, octreotide, on glucose metabolism and insulin sensitivity in insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1996, 45, 211-217.	1.5	19
215	Fuel substrate kinetics of carbohydrate loading differs from that of carbohydrate ingestion during prolonged exercise. Metabolism: Clinical and Experimental, 1996, 45, 415-423.	1.5	21
216	Adjuvant recombinant human growth hormone does not augment endogenous glucose production in total parenteral nutritionâ€"fed multiple trauma patients. Metabolism: Clinical and Experimental, 1996, 45, 450-456.	1.5	12
217	Postprandial thermogenesis and substrate utilization after ingestion of different dietary carbohydrates. Metabolism: Clinical and Experimental, 1996, 45, 1235-1242.	1.5	75
218	Interaction of carbohydrate and fat fuels in human skeletal muscle: impact of obesity and NIDDM. American Journal of Physiology - Endocrinology and Metabolism, 1996, 270, E463-E470.	1.8	55

#	Article	IF	Citations
219	Effects of training duration on substrate turnover and oxidation during exercise. Journal of Applied Physiology, 1996, 81, 2182-2191.	1.2	230
220	Fat and carbohydrate metabolism during exercise in elderly and young subjects. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E983-E989.	1.8	63
221	Endocrine and metabolic effects of interferon-alpha in humans.. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 3265-3269.	1.8	40
222	Response of phosphoenolpyruvate cycle activity to fasting and to hyperinsulinemia in human subjects. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E159-E176.	1.8	3
223	Utilization of glycogen but not plasma glucose is reduced in individuals with NIDDM during mild-intensity exercise. Journal of Applied Physiology, 1996, 81, 2027-2033.	1.2	73
224	Fuel substrate turnover and oxidation and glycogen sparing with carbohydrate ingestion in non-carbohydrate-loaded cyclists. Pflugers Archiv European Journal of Physiology, 1996, 432, 1003-1010.	1.3	25
225	Insulin resistance in relatives of NIDDM patients: The role of physical fitness and muscle metabolism. Diabetologia, 1996, 39, 813-822.	2.9	94
226	GLP-1 does not acutely affect insulin sensitivity in healthy man. Diabetologia, 1996, 39, 1227-1232.	2.9	114
227	Studies of insulin resistance in congenital generalized lipodystrophy*. Acta Paediatrica, International Journal of Paediatrics, 1996, 85, 29-38.	0.7	49
228	Integrated nutritional, hormonal, and metabolic effects of recombinant human growth hormone (rhGH) supplementation in trauma patients. Nutrition, 1996, 12, 777-787.	1.1	25
229	Î²-Cell function and glucose and lipid oxidation in Gravesâ€™ disease. Clinical Endocrinology, 1996, 44, 59-66.	1.2	45
230	Glucose turnover, fuel oxidation and forearm substrate exchange in patients with thyrotoxicosis before and after medical treatment. Clinical Endocrinology, 1996, 44, 453-459.	1.2	29
231	Inhibition of muscle glycogen synthase activity and non-oxidative glucose disposal during hypoglycaemia in normal man. Diabetologia, 1996, 39, 226-234.	2.9	16
232	Impaired Insulin-Stimulated Nonoxidative Glucose Metabolism in Pancreas-Kidney Transplant Recipients: Dose-Response Effects of Insulin on Glucose Turnover. Diabetes, 1996, 45, 1267-1275.	0.3	28
233	Acute effects of the human amylin analog AC137 on basal and insulin-stimulated euglycemic and hypoglycemic fuel metabolism in patients with insulin-dependent diabetes mellitus.. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 1083-1089.	1.8	35
234	Testosterone Treatment in Adolescents with Delayed Puberty: Changes in Body Composition, Protein, Fat, and Glucose Metabolism¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3213-3220.	1.8	100
235	Effects of Hepatic Glycogen Content on Hepatic Insulin Action in Humans: Alteration in the Relative Contributions of Glycogenolysis and Gluconeogenesis to Endogenous Glucose Production1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1828-1833.	1.8	18
236	Inhibition of Lipolysis Stimulates Whole Body Glucose Production and Disposal in Normal Postabsorptive Subjects1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 825-830.	1.8	26

#	Article	IF	Citations
237	Metabolic Effects and Pharmacokinetics of a Growth Hormone Pulse in Healthy Adults: Relation to Age, Sex, and Body Composition. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3612-3618.	1.8	75
238	Metabolism of Oral Glucose in Pancreas Transplant Recipients with Normal and Impaired Glucose Tolerance1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2299-2307.	1.8	14
239	Effects of Extraâ€Carbohydrate Supplementation in the Late Evening on Energy Expenditure and Substrate Oxidation in Patients With Liver Cirrhosis. Journal of Parenteral and Enteral Nutrition, 1997, 21, 96-99.	1.3	91
240	Low-Protein Diet Improves Muscle Energy Metabolism in Chronic Renal Failure. Nutrition in Clinical Practice, 1997, 12, 266-273.	1.1	1
241	Hepatic and whole-body fat synthesis in humans during carbohydrate overfeeding. American Journal of Clinical Nutrition, 1997, 65, 1774-1782.	2.2	165
242	Resting energy expenditure in cryptogenic fibrosing alveolitis. European Respiratory Journal, 1997, 10, 2744-2748.	3.1	5
243	Site of Insulin Resistance after Surgery: The Contribution of Hypocaloric Nutrition and Bed Rest. Clinical Science, 1997, 93, 137-146.	1.8	90
244	Energy metabolism in exertional heat stroke with acute renal failure. Nephrology Dialysis Transplantation, 1997, 12, 2087-2092.	0.4	16
245	Assessment of energy expenditure in metabolic disorders. European Journal of Pediatrics, 1997, 156, S24-S28.	1.3	20
246	Testosterone Treatment in Adolescents with Delayed Puberty: Changes in Body Composition, Protein, Fat, and Glucose Metabolism. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3213-3220.	1.8	102
247	Differential Effects of Enzyme Supplementation Therapy on Manifestations of Type 1 Gaucher Disease. American Journal of Medicine, 1997, 103, 185-191.	0.6	46
248	Effect of acute plasma volume expansion on substrate turnover during prolonged low-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E297-E304.	1.8	4
249	In vivo NMR investigation of intramuscular glucose metabolism in conscious rats. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E139-E148.	1.8	22
250	Fatty acid oxidation is directly regulated by carbohydrate metabolism during exercise. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E268-E275.	1.8	157
251	Postexercise protein-carbohydrate and carbohydrate supplements increase muscle glycogen in men and women. Journal of Applied Physiology, 1997, 83, 1877-1883.	1.2	165
252	Regulation of plasma fatty acid oxidation during low- and high-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 1997, 272, E1065-E1070.	1.8	69
253	Letters to the Editor. European Journal of Clinical Nutrition, 1997, 51, 713-715.	1.3	1
254	Glucose kinetics of the Virginia opossum: Possible implications for predicting glucose turnover in mammals. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 118, 713-719.	0.7	6

#	Article	IF	Citations
255	Indirect Calorimetry. Journal of the American Dietetic Association, 1997, 97, S154-S160.	1.3	172
256	Metabolic and performance adaptations to interval training in endurance-trained cyclists. European Journal of Applied Physiology, 1997, 75, 298-304.	1.2	98
257	Insulin-stimulated Glut 4 translocation in human skeletal muscle: a quantitative confocal microscopical assessment. The Histochemical Journal, 1997, 29, 91-96.	0.6	13
258	Effects of 3 days of carbohydrate supplementation on muscle glycogen content and utilisation during a 1-h cycling performance. European Journal of Applied Physiology, 1997, 75, 407-412.	1.2	76
259	Longitudinal changes in body composition and energy balance in lean women with normal and abnormal glucose tolerance during pregnancy. American Journal of Obstetrics and Gynecology, 1998, 179, 156-165.	0.7	132
260	The effect of oral terbutaline on maternal glucose metabolism and energy expenditure in pregnancy. American Journal of Obstetrics and Gynecology, 1998, 178, 1041-1047.	0.7	19
261	Hepatic Energy and Substrate Metabolism: A Possible Metabolic Basis for Early Nutritional Support in Cirrhotic Patients. Nutrition, 1998, 14, 30-38.	1.1	49
262	Substrate use during and following moderate- and low-intensity exercise: Implications for weight control. European Journal of Applied Physiology, 1998, 78, 43-49.	1.2	49
263	Fuel metabolism during ultra-endurance exercise. Pflugers Archiv European Journal of Physiology, 1998, 436, 211-219.	1.3	27
264	Failure of nocturnal changes in growth hormone to alter carbohydrate tolerance the following morning. Diabetologia, 1998, 41, 1064-1072.	2.9	11
265	Apports Ã©nergÃ©tiques (aspects quantitatifs). Nutrition Clinique Et Metabolisme, 1998, 12, 105-115.	0.2	5
266	Use of a mixture of medium-chain triglycerides and long-chaintriglycerides versus long-chain triglycerides in critically ill surgical patients: a randomized prospective double-blind study. Clinical Nutrition, 1998, 17, 23-29.	2.3	30
267	Preoperative oral carbohydrate administration reduces postoperative insulin resistance. Clinical Nutrition, 1998, 17, 65-71.	2.3	273
268	The actions of a novel lipoprotein lipase activator, NO-1886, in hypertriglyceridemic fructose-fed rats. Metabolism: Clinical and Experimental, 1998, 47, 149-153.	1.5	30
269	Quantification of gluconeogenesis in cirrhosis: Response to glucagon. Gastroenterology, 1998, 115, 1530-1540.	0.6	55
270	Gender and Fat Metabolism During Exercise: A Review. Applied Physiology, Nutrition, and Metabolism, 1998, 23, 570-582.	1.7	27
271	EXERCISE, GLUCOSE TRANSPORT, AND INSULIN SENSITIVITY. Annual Review of Medicine, 1998, 49, 235-261.	5.0	874
272	Use of Intravenous Lipids in Critically Ill Patients With Sepsis Without and With Hepatic Failure. Journal of Parenteral and Enteral Nutrition, 1998, 22, 217-223.	1.3	39

#	Article	IF	Citations
273	Mechanisms of Whole-Body Glycogen Deposition after Oral Glucose in Normal Subjects. Influence of the Nutritional Status1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2810-2816.	1.8	11
274	Insulin-induced hexokinase II expression is reduced in obesity and NIDDM. Diabetes, 1998, 47, 387-394.	0.3	109
275	Carbohydrate utilization during exercise after high-altitude acclimation: A new perspective. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10288-10293.	3.3	86
276	Effect of Regular Use of High-dose Nebulized Î²2-Agonists on Resting Energy Expenditure, Weight, and Handgrip Strength in Patients With Chronic Airflow Limitation. Chest, 1998, 113, 1588-1594.	0.4	6
277	Influence of human obesity on the metabolic fate of dietary long- and medium-chain triacylglycerols. American Journal of Clinical Nutrition, 1998, 67, 595-601.	2.2	82
279	Gender differences in fat oxidation and sympathetic nervous system activity at rest and during submaximal exercise in older individuals. Clinical Science, 1998, 95, 59-66.	1.8	35
280	Gender differences in fat oxidation and sympathetic nervous system activity at rest and during submaximal exercise in older individuals. Clinical Science, 1998, 95, 59.	1.8	16
281	Epinephrine produces a prolonged elevation in metabolic rate in humans. American Journal of Clinical Nutrition, 1998, 68, 1046-1052.	2.2	38
282	Skeletal muscle phosphatidylcholine fatty acids and insulin sensitivity in normal humans. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E665-E670.	1.8	23
283	Overnight Normalization of Glucose Concentrations Improves Hepatic But Not Extrahepatic Insulin Action in Subjects with Type 2 Diabetes Mellitus¹. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2461-2469.	1.8	24
284	Role of human liver lipogenesis and reesterification in triglycerides secretion and in FFA reesterification. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E321-E327.	1.8	59
285	Regulation of fatty acid oxidation in untrained vs. trained men during exercise. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E510-E515.	1.8	43
286	Training-induced alterations in fat and carbohydrate metabolism during exercise in elderly subjects. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E785-E790.	1.8	47
287	Skeletal muscle malonyl-CoA content at the onset of exercise at varying power outputs in humans. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E1080-E1085.	1.8	65
288	Perioperative insulin and glucose infusion maintains normal insulin sensitivity after surgery. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E140-E148.	1.8	41
289	Regulation of skeletal muscle glycogen phosphorylase and PDH at varying exercise power outputs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R418-R425.	0.9	121
290	Evaluation of exercise and training on muscle lipid metabolism. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E106-E117.	1.8	145
291	Muscle net glucose uptake and glucose kinetics after endurance training in men. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E81-E92.	1.8	76

#	Article	IF	Citations
292	Effect of fasting on the intracellular metabolic partition of intravenously infused glucose in humans. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E815-E823.	1.8	12
293	Resistance training affects GLUT-4 content in skeletal muscle of humans after 19 days of head-down bed rest. Journal of Applied Physiology, 1999, 86, 909-914.	1.2	70
294	Effect of high-altitude acclimation on NEFA turnover and lipid utilization during exercise in rats. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E1095-E1102.	1.8	14
295	Surgery-induced insulin resistance in human patients: relation to glucose transport and utilization. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E754-E761.	1.8	32
296	Metabolic and performance responses to constant-load vs. variable-intensity exercise in trained cyclists. Journal of Applied Physiology, 1999, 87, 1186-1196.	1.2	63
297	Î²-Adrenergically Stimulated Fat Oxidation Is Diminished in Middle-Aged Compared to Young Subjects*. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3764-3769.	1.8	16
298	Whole body calorimetry. Handbook of Thermal Analysis and Calorimetry, 1999, 4, 511-555.	1.6	4
299	ENERGY REQUIREMENT. , 1999, , 273-309.		0
300	Diabetes and exercise. British Journal of Sports Medicine, 1999, 33, 161-172.	3.1	88
301	Myocardial Oxygen Consumption Is Unchanged but Efficiency Is Reduced in Patients With Essential Hypertension and Left Ventricular Hypertrophy. Circulation, 1999, 100, 2425-2430.	1.6	100
302	The Metabolic Basis of the Increase in Energy Expenditure in Severely Burned Patients. Journal of Parenteral and Enteral Nutrition, 1999, 23, 160-168.	1.3	130
303	Muscle mass and function in thyrotoxic patients before and during medical treatment. Clinical Endocrinology, 1999, 51, 693-699.	1.2	52
304	Effects of the amylin analogue pramlintide on hepatic glucagon responses and intermediary metabolism in Type 1 diabetic subjects. Diabetic Medicine, 1999, 16, 861-866.	1.2	52
305	Substrate utilization and thermogenic responses to Î²-adrenergic stimulation in obese subjects with NIDDM. International Journal of Obesity, 1999, 23, 411-418.	1.6	8
306	A comparison of skeletal muscle oxygenation and fuel use in sustained continuous and intermittent exercise. European Journal of Applied Physiology and Occupational Physiology, 1999, 80, 423-435.	1.2	63
307	Effect of work and recovery duration on skeletal muscle oxygenation and fuel use during sustained intermittent exercise. European Journal of Applied Physiology and Occupational Physiology, 1999, 80, 436-447.	1.2	50
308	Myocardial substrate uptake and oxidation during and after routine cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 1999, 118, 71-80.	0.4	30
309	Energy expenditure and substrate utilization in mechanically ventilated children. Nutrition, 1999, 15, 444-448.	1.1	50

#	Article	IF	Citations
310	Non-alcoholic fatty liver: another feature of the metabolicsyndrome?. Clinical Nutrition, 1999, 18, 353-358.	2.3	253
311	Substrate fuel kinetics in enterally fed traumapatients supplemented with ornithine alpha ketoglutarate. Clinical Nutrition, 1999, 18, 209-217.	2.3	28
312	Epinephrine stimulates human muscle lipoprotein lipase activity in vivo. Metabolism: Clinical and Experimental, 1999, 48, 461-464.	1.5	22
313	Metabolic adaptations to a high-fat diet in endurance cyclists. Metabolism: Clinical and Experimental, 1999, 48, 1509-1517.	1.5	129
314	Lipid peroxidation can be reduced in infants on total parenteral nutrition by promoting fat utilisation. Journal of Pediatric Surgery, 1999, 34, 255-259.	0.8	28
315	Intracellular skeletal muscle glucose metabolism is differentially altered by dexamethasone treatment of normoglycemic relatives of type 2 diabetic patients. Metabolism: Clinical and Experimental, 1999, 48, 1128-1135.	1.5	25
316	Microdialysis assessment of local adipose tissue lipolysis during Î²-adrenergic stimulation in upper-body-obese subjects with type II diabetes. Clinical Science, 1999, 97, 421-428.	1.8	5
317	Microdialysis assessment of local adipose tissue lipolysis during Î²-adrenergic stimulation in upper-body-obese subjects with type II diabetes. Clinical Science, 1999, 97, 421.	1.8	3
318	Energy and Substrate Metabolism in Patients with Active Crohn's Disease. Journal of Nutrition, 1999, 129, 844-848.	1.3	57
319	Effect of fatty acid chain length and saturation on the gastrointestinal handling and metabolic disposal of dietary fatty acids in women. British Journal of Nutrition, 1999, 81, 37-44.	1.2	67
320	The hyperinsulinaemicâ€“euglycaemic glucose clamp: reproducibility and metabolic effects of prolonged insulin infusion in healthy subjects. Clinical Science, 2000, 98, 367-374.	1.8	42
321	The hyperinsulinaemicâ€'euglycaemic glucose clamp: reproducibility and metabolic effects of prolonged insulin infusion in healthy subjects. Clinical Science, 2000, 98, 367.	1.8	14
322	Resting energy expenditure in short-term starvation is increased as a result of an increase in serum norepinephrine. American Journal of Clinical Nutrition, 2000, 71, 1511-1515.	2.2	84
323	Short-term growth and substrate use in very-low-birth-weight infants fed formulas with different energy contents. American Journal of Clinical Nutrition, 2000, 71, 816-821.	2.2	58
324	Contribution of reduced insulin sensitivity and secretion to the pathogenesis of hepatogenous diabetes: Effect of liver transplantation. Hepatology, 2000, 31, 694-703.	3.6	114
325	Insulin sensitivity in hypertensive Type 2 diabetic patients after 1 and 19 days' treatment with trandolapril. Diabetic Medicine, 2000, 17, 134-140.	1.2	20
326	Effects of growth hormone administration on protein dynamics and substrate metabolism during 4 weeks of dietary restriction in obese women. Clinical Endocrinology, 2000, 52, 305-312.	1.2	18
327	Î²-adrenoceptor-stimulated lipolysis of subcutaneous abdominal adipocytes as a determinant of fat oxidation in obese men. European Journal of Clinical Investigation, 2000, 30, 290-296.	1.7	8

#	Article	IF	Citations
328	Energy, substrate and protein metabolism in morbid obesity before, during and after massive weight loss. International Journal of Obesity, 2000, 24, 711-718.	1.6	65
329	Regulation of uncoupling protein (UCP) 2 and 3 in adipose and muscle tissue by fasting and growth hormone treatment in obese humans. International Journal of Obesity, 2000, 24, 968-975.	1.6	18
330	Effect of oral glucose on leucine turnover in human subjects at rest and during exercise at two levels of dietary protein. Journal of Physiology, 2000, 525, 271-281.	1.3	31
331	Postâ€exercise adipose tissue and skeletal muscle lipid metabolism in humans: the effects of exercise intensity. Journal of Physiology, 2000, 524, 919-928.	1.3	85
332	Energy metabolism and substrate oxidation in patients with Crohnâ€™s Disease. Nutrition, 2000, 16, 173-178.	1.1	69
333	Regulation of gene expression during severe caloric restriction: lack of induction of p85alpha phosphatidylinositol 3-kinase mRNA in skeletal muscle of patients with Type II (non-insulin-dependent) diabetes mellitus. Diabetologia, 2000, 43, 356-363.	2.9	27
334	Conjugated linoleic acid supplementation in humans: Effects on body composition and energy expenditure. Lipids, 2000, 35, 777-782.	0.7	239
335	Short-term recovery from prolonged constant pace running in a warm environment: the effectiveness of a carbohydrate-electrolyte solution. European Journal of Applied Physiology, 2000, 82, 305-312.	1.2	12
336	Postprandial lipemia: effects of exercise and restriction of energy intake compared. American Journal of Clinical Nutrition, 2000, 71, 465-471.	2.2	119
337	Subdivisions of subcutaneous abdominal adipose tissue and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E941-E948.	1.8	443
338	Substrate metabolism during different exercise intensities in endurance-trained women. Journal of Applied Physiology, 2000, 88, 1707-1714.	1.2	218
339	Effects of enteral carbohydrates on de novo lipogenesis in critically ill patients. American Journal of Clinical Nutrition, 2000, 72, 940-945.	2.2	40
340	Preexercise medium-chain triglyceride ingestion does not alter muscle glycogen use during exercise. Journal of Applied Physiology, 2000, 88, 219-225.	1.2	23
341	Preexercise carbohydrate ingestion, glucose kinetics, and muscle glycogen use: effect of the glycemic index. Journal of Applied Physiology, 2000, 89, 1845-1851.	1.2	165
342	Kinetics of intramuscular triglyceride fatty acids in exercising humans. Journal of Applied Physiology, 2000, 89, 2057-2064.	1.2	97
343	Effect of endurance training on lipid metabolism in women: a potential role for PPARÎ± in the metabolic response to training. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E348-E355.	1.8	145
344	Oxidation of nonplasma fatty acids during exercise is increased in women with abdominal obesity. Journal of Applied Physiology, 2000, 89, 2276-2282.	1.2	73
345	Meal fatty acid uptake in adipose tissue: gender effects in nonobese humans. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E455-E462.	1.8	115

#	Article	IF	Citations
346	Energy expenditure in critically ill children. Critical Care Medicine, 2000, 28, 1166-1172.	0.4	160
347	Î²-Adrenergic blockade augments glucose utilization in horses during graded exercise. Journal of Applied Physiology, 2000, 89, 1086-1098.	1.2	44
348	Plasma FFA utilization and fatty acid-binding protein content are diminished in type 2 diabetic muscle. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E146-E154.	1.8	121
349	Whole body and abdominal lipolytic sensitivity to epinephrine is suppressed in upper body obese women. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E1144-E1152.	1.8	98
350	Prolonged exercise after diuretic-induced hypohydration: effects on substrate turnover and oxidation. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E1383-E1390.	1.8	10
351	Glucose infusion attenuates endogenous glucose production and enhances glucose use of horses during exercise. Journal of Applied Physiology, 2000, 88, 1765-1776.	1.2	29
352	Epinephrine inhibits exogenous glucose utilization in exercising horses. Journal of Applied Physiology, 2000, 88, 1777-1790.	1.2	43
353	Fatty acid cycling in the fasting rat. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E221-E227.	1.8	50
354	Glucose-6-phosphatase flux in vitro is increased in type 2 diabetes. Diabetes, 2000, 49, 969-974.	0.3	125
355	Effect of fluid intake volume on 2-h running performances in a 25??C environment. Medicine and Science in Sports and Exercise, 2000, 32, 1783-1789.	0.2	60
356	Changes in Energy Expenditure and Substrate Oxidation Resulting from Weight Loss in Obese Men and Women: Is There an Important Contribution of Leptin?1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1550-1556.	1.8	80
357	Effects of Gender on Neuroendocrine and Metabolic Counterregulatory Responses to Exercise in Normal Man¹. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 224-230.	1.8	126
358	Insulin Resistance and Substrate Utilization in Human Endotoxemia. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3770-3778.	1.8	175
359	Continuation of Growth Hormone (GH) Therapy in GH-Deficient Patients during Transition from Childhood to Adulthood: Impact on Insulin Sensitivity and Substrate Metabolism. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1912-1917.	1.8	66
360	Impaired oxidation of plasma-derived fatty acids in type 2 diabetic subjects during moderate-intensity exercise. Diabetes, 2000, 49, 2102-2107.	0.3	160
361	Effects of glucosamine infusion on insulin secretion and insulin action in humans. Diabetes, 2000, 49, 926-935.	0.3	136
362	Peripheral plasma amino acid abnormalities in rehabilitation patients with severe brain injury. Archives of Physical Medicine and Rehabilitation, 2000, 81, 176-181.	0.5	17
363	Lp(a) and lipids in adult Turnerâ€™s syndrome: impact of treatment with 17Î²-estradiol and norethisterone. Atherosclerosis, 2000, 150, 201-208.	0.4	39

#	Article	IF	Citations
364	Nonalcoholic steatohepatitis: Association of insulin resistance and mitochondrial abnormalities. Gastroenterology, 2001, 120, 1183-1192.	0.6	1,846
365	Fatmax : A new concept to optimize fat oxidation during exercise?. European Journal of Sport Science, 2001, 1, 1-5.	1.4	55
366	Insulin Signal Transduction in Skeletal Muscle From Glucose-Intolerant Relatives With Type 2 Diabetes. Diabetes, 2001, 50, 2770-2778.	0.3	77
368	Amino acid, glucose, and lipid kinetics after palliative resection in a patient with glucagonoma syndrome. Metabolism: Clinical and Experimental, 2001, 50, 720-722.	1.5	4
369	Blunted glucose metabolism in anorexia nervosa. Metabolism: Clinical and Experimental, 2001, 50, 876-881.	1.5	18
370	CPAP treatment does not affect glucoseâ€“insulin metabolism in sleep apneic patients. Sleep Medicine, 2001, 2, 207-213.	0.8	110
371	Skeletal muscle glucose uptake, glycogen synthase activity and GLUT 4 content during hypoglycaemia in type 1 diabetic subjects. Scandinavian Journal of Clinical and Laboratory Investigation, 2001, 61, 371-381.	0.6	0
372	The Protein-Retaining Effects of Growth Hormone During Fasting Involve Inhibition of Muscle-Protein Breakdown. Diabetes, 2001, 50, 96-104.	0.3	64
373	MONITORIZAÃ‡ÃƒO DA RESPOSTA ORGÃ‚NICA AO TRAUMA E Ã€ SEPSE. Medicina, 2001, 34, 5.	0.0	6
374	Glucose kinetics and substrate oxidation during exercise in the follicular and luteal phases. Journal of Applied Physiology, 2001, 90, 447-453.	1.2	149
375	Lipid metabolism during fasting. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E789-E793.	1.8	85
376	Endurance training and GH administration in elderly women: effects on abdominal adipose tissue lipolysis. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E886-E897.	1.8	20
377	Relationship between fat-to-fat-free mass ratio and decrements in leg strength after downhill running. Journal of Applied Physiology, 2001, 90, 1334-1341.	1.2	19
378	Effects of quality of energy on substrate oxidation in enterally fed, low-birth-weight infants. American Journal of Clinical Nutrition, 2001, 74, 374-380.	2.2	26
379	Preoperative oral carbohydrate treatment attenuates immediate postoperative insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E576-E583.	1.8	240
380	Substrate utilization during endurance exercise in men and women after endurance training. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E898-E907.	1.8	238
381	Metabolic handling of intraduodenal vs. intravenous glucose in humans. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E261-E268.	1.8	11
382	High-altitude acclimation increases the triacylglycerol/fatty acid cycle at rest and during exercise. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E537-E544.	1.8	18

#	Article	IF	Citations
383	Combined effects of red pepper and caffeine consumption on 24 h energy balance in subjects given free access to foods. British Journal of Nutrition, 2001, 85, 203-211.	1.2	119
385	Exercise prevents the augmentation of postprandial lipaemia attributable to a low-fat high-carbohydrate diet. British Journal of Nutrition, 2001, 86, 197-205.	1.2	25
386	Sex differences in carbohydrate metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2001, 4, 521-526.	1.3	59
387	ENERGY AND SUBSTRATE METABOLISM IN PATIENTS WITH CHRONIC EXTENSIVE GRAFT-VERSUS-HOST DISEASE. Transplantation, 2001, 71, 524-528.	0.5	21
388	The reliability of cycling efficiency. Medicine and Science in Sports and Exercise, 2001, 33, 621-627.	0.2	156
389	High-Fat Diet versus Habitual Diet Prior to Carbohydrate Loading: Effects on Exercise Metabolism and Cycling Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2001, 11, 209-225.	1.0	61
390	Dietary fat content alters insulin-mediated glucose metabolism in healthy men. American Journal of Clinical Nutrition, 2001, 73, 554-559.	2.2	152
391	Energy metabolism, nitrogen balance, and substrate utilization in critically ill children. American Journal of Clinical Nutrition, 2001, 74, 664-669.	2.2	148
392	Increase in skeletal muscle fatty acid binding protein (FABPC) content is directly related to weight loss and to changes in fat oxidation following a very low calorie diet. Diabetologia, 2001, 44, 2013-2017.	2.9	15
393	Conjugated linoleic acid supplementation in humans: Effects on fatty acid and glycerol kinetics. Lipids, 2001, 36, 767-772.	0.7	28
394	Pathogenesis of obesity and diabetes mellitus: insights provided by indirect calorimetry in humans. Acta Diabetologica, 2001, 38, 7-21.	1.2	15
395	Substrate oxidation during acute exercise and with exercise training in lean and obese women. European Journal of Applied Physiology, 2001, 85, 68-73.	1.2	41
396	An acute oral dose of caffeine does not alter glucose kinetics during prolonged dynamic exercise in trained endurance athletes. European Journal of Applied Physiology, 2001, 85, 280-286.	1.2	14
397	Influence of ambient temperature on plasma ammonia and lactate accumulation during prolonged submaximal and self-paced running. European Journal of Applied Physiology, 2001, 86, 71-78.	1.2	24
398	Brief intense exercise followed by passive recovery modifies the pattern of fuel use in humans during subsequent sustained intermittent exercise. Acta Physiologica Scandinavica, 2001, 172, 39-52.	2.3	11
399	Isocaloric carbohydrate deprivation induces protein catabolism despite a low T3-syndrome in healthy men. Clinical Endocrinology, 2001, 54, 75-80.	1.2	5
400	Metabolic impact of a family history of Type 2 diabetes. Results from a European multicentre study (EGIR). Diabetic Medicine, 2001, 18, 533-540.	1.2	41
401	Morphometric documentation of abnormal intramyocellular fat storage and reduced glycogen in obese patients with Type II diabetes. Diabetologia, 2001, 44, 824-833.	2.9	104

#	Article	IF	Citations
402	The Effect of Lowâ€Intensity Exercise Training on Fat Metabolism of Obese Women. Obesity, 2001, 9, 86-96.	4.0	48
403	Effects of beacon administration on energy expenditure and substrate utilisation in Psammomys obesus (Israeli sand rats). International Journal of Obesity, 2001, 25, 1281-1285.	1.6	12
404	Lipodystrophy in HIV-1-positive patients is associated with insulin resistance in multiple metabolic pathways. Aids, 2001, 15, 2093-2100.	1.0	109
405	Plasma Free Fatty Acid Uptake and Oxidation Are Already Diminished in Subjects at High Risk for Developing Type 2 Diabetes. Diabetes, 2001, 50, 2548-2554.	0.3	115
406	Pharmacological Antilipolysis Restores Insulin Sensitivity During Growth Hormone Exposure. Diabetes, 2001, 50, 2301-2308.	0.3	122
407	Skeletal muscle glucose uptake, glycogen synthase activity and GLUT 4 content during hypoglycaemia in type 1 diabetic subjects. Scandinavian Journal of Clinical and Laboratory Investigation, 2001, 61, 371-381.	0.6	3
408	Metabolic Effects of Restoring Partial Â-Cell Function After Islet Allotransplantation in Type 1 Diabetic Patients. Diabetes, 2001, 50, 277-282.	0.3	79
409	Weight Reduction and the Impaired Plasma-Derived Free Fatty Acid Oxidation in Type 2 Diabetic Subjects¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1638-1644.	1.8	37
410	Effects of Morning Hypoglycemia on Neuroendocrine and Metabolic Responses to Subsequent Afternoon Hypoglycemia in Normal Man1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2043-2050.	1.8	33
411	Dihydrotestosterone Treatment in Adolescents with Delayed Puberty: Does it Explain Insulin Resistance of Puberty?. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4881-4886.	1.8	32
412	Continuation of Growth Hormone (GH) Substitution during Fasting in GH-Deficient Patients Decreases Urea Excretion and Conserves Protein Synthesis1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3120-3129.	1.8	31
413	Gender Factors Affect Fatty Acids-Induced Insulin Resistance in Nonobese Humans: Effects of Oral Steroidal Contraception¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3188-3196.	1.8	85
414	Acute Effect of Glimepiride on Insulin-Stimulated Glucose Metabolism in Glucose-Tolerant Insulin-Resistant Offspring of Patients With Type 2 Diabetes. Diabetes Care, 2002, 25, 2065-2073.	4.3	34
415	Effect of exercise training at different intensities on fat metabolism of obese men. Journal of Applied Physiology, 2002, 92, 1300-1309.	1.2	114
416	Intramuscular triacylglycerol utilization in human skeletal muscle during exercise: is there a controversy?. Journal of Applied Physiology, 2002, 93, 1185-1195.	1.2	133
417	FOXC2 mRNA Expression and a 5' Untranslated Region Polymorphism of the Gene Are Associated With Insulin Resistance. Diabetes, 2002, 51, 3554-3560.	0.3	61
418	Effect of steroids on energy expenditure and substrate oxidation in women with crohn's disease. American Journal of Gastroenterology, 2002, 97, 2843-2849.	0.2	26
419	Effects of reduced ambient temperature on fat utilization during submaximal exercise. Medicine and Science in Sports and Exercise, 2002, 34, 774-779.	0.2	33

#	Article	IF	Citations
420	Time course of performance changes and fatigue markers during intensified training in trained cyclists. Journal of Applied Physiology, 2002, 93, 947-956.	1.2	214
421	Metabolic basis of HIV-lipodystrophy syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E332-E337.	1.8	119
422	Substrate Turnover and Oxidation During Moderate-Intensity Exercise Following Acute Plasma Volume Expansion. Hormone and Metabolic Research, 2002, 34, 93-101.	0.7	0
423	The Effect of Long-Term Pharmacological Antilipolysis on Substrate Metabolism in Growth Hormone (GH)-Substituted GH-Deficient Adults. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3274-3278.	1.8	13
424	GH Treatment in Adults with Chronic Liver Disease: A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Study. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2751-2759.	1.8	31
425	Spinal cord stimulation facilitates functional walking in a chronic, incomplete spinal cord injured. Spinal Cord, 2002, 40, 65-68.	0.9	189
426	Highly Active Antiretroviral Therapy-Induced Lipodystrophy Has Minor Effects on Human Immunodeficiency Virus-Induced Changes in Lipolysis, but Normalizes Resting Energy Expenditure. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5066-5071.	1.8	33
427	Heat stress increases muscle glycogen use but reduces the oxidation of ingested carbohydrates during exercise. Journal of Applied Physiology, 2002, 92, 1562-1572.	1.2	107
428	Determination of the exercise intensity that elicits maximal fat oxidation. Medicine and Science in Sports and Exercise, 2002, 34, 92-97.	0.2	408
429	The effect of carbohydrate and fat variation in euenergetic diets on postabsorptive free fatty acid release. British Journal of Nutrition, 2002, 87, 555-559.	1.2	19
430	Glucose flux is normalized by compensatory hyperinsulinaemia in growth hormone-induced insulin resistance in healthy subjects, while skeletal muscle protein synthesis remains unchanged. Clinical Science, 2002, 102, 457-464.	1.8	6
431	Glucose flux is normalized by compensatory hyperinsulinaemia in growth hormone-induced insulin resistance in healthy subjects, while skeletal muscle protein synthesis remains unchanged. Clinical Science, 2002, 102, 457.	1.8	2
432	The Influence of Post-exercise Macronutrient Intake on Energy Balance and Protein Metabolism in Active Females Participating in Endurance Training. International Journal of Sport Nutrition and Exercise Metabolism, 2002, 12, 172-188.	1.0	35
433	Prevalence of Hypoglycemia Following Pre-exercise Carbohydrate Ingestion Is Not Accompanied by Higher Insulin Sensitivity. International Journal of Sport Nutrition and Exercise Metabolism, 2002, 12, 398-413.	1.0	27
434	Calpain 3 gene expression in skeletal muscle is associated with body fat content and measures of insulin resistance. International Journal of Obesity, 2002, 26, 442-449.	1.6	28
435	Normal insulin sensitivity and IMCL content in overweight humans are associated with higher fasting lipid oxidation. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E556-E564.	1.8	55
436	Intracranial administration of transforming growth factor-Î²3 increases fat oxidation in rats. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E536-E544.	1.8	26
437	Accelerated substrate cycling: a new energy-wasting role for leptin in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E312-E317.	1.8	47

#	Article	IF	Citations
438	Dysfunction of Mitochondria in Human Skeletal Muscle in Type 2 Diabetes. Diabetes, 2002, 51, 2944-2950.	0.3	1,975
439	Dissociation of AMPK activity and ACCÎ² phosphorylation in human muscle during prolonged exercise. Biochemical and Biophysical Research Communications, 2002, 298, 309-316.	1.0	119
440	The role of plasma fatty acid composition in endogenous glucose production in patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2002, 51, 1471-1477.	1.5	68
441	Amino acid- and lipid-induced insulin resistance in rat heart: molecular mechanisms. Molecular and Cellular Endocrinology, 2002, 190, 135-145.	1.6	21
442	Effect of gender on lipid kinetics during endurance exercise of moderate intensity in untrained subjects. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E58-E65.	1.8	116
443	Glycemic index of a meal fed before exercise alters substrate use and glucose flux in exercising horses. Journal of Applied Physiology, 2002, 92, 117-128.	1.2	51
444	Similar carbohydrate but enhanced lactate utilization during exercise after 9 wk of acclimatization to 5,620 m. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E1203-E1213.	1.8	28
445	Gender differences in glucose kinetics and substrate oxidation during exercise near the lactate threshold. Journal of Applied Physiology, 2002, 92, 1125-1132.	1.2	51
446	Luteal and follicular glucose fluxes during rest and exercise in 3-h postabsorptive women. Journal of Applied Physiology, 2002, 93, 42-50.	1.2	59
447	Resting energy expenditure in diabetic and nondiabetic patients with liver cirrhosis: relation with insulin sensitivity and effect of liver transplantation and immunosuppressive therapy. American Journal of Clinical Nutrition, 2002, 76, 541-548.	2.2	41
448	Partial restoration of dietary fat induced metabolic adaptations to training by 7 days of carbohydrate diet. Journal of Applied Physiology, 2002, 93, 1797-1805.	1.2	16
449	Effect of age on substrate oxidation during total parenteral nutrition. Nutrition, 2002, 18, 20-25.	1.1	20
450	Dietary fat composition alters pulmonary function in pigs. Nutrition, 2002, 18, 647-653.	1.1	16
451	Insulin resistance of puberty in African-American children: lack of a compensatory increase in insulin secretion. Pediatric Diabetes, 2002, 3, 4-9.	1.2	31
452	Subcutaneous Abdominal Adipose Tissue Lipolysis During Exercise Determined by Arteriovenous Measurements in Older Women. Journal of the American Geriatrics Society, 2002, 50, 275-281.	1.3	10
453	Selective impairment of glucose storage in human sepsis. British Journal of Surgery, 2002, 86, 813-821.	0.1	43
454	Effect of insulin on protein phosphatase 2A expression in muscle in type 2 diabetes. European Journal of Clinical Investigation, 2002, 32, 918-923.	1.7	26
455	Metabolic effects of interleukinâ€6 in human splanchnic and adipose tissue. Journal of Physiology, 2002, 543, 379-386.	1.3	120

#	Article	IF	Citations
456	Human Skeletal Muscle Fatty Acid and Glycerol Metabolism During Rest, Exercise and Recovery. Journal of Physiology, 2002, 543, 1047-1058.	1.3	99
457	Preferential Stimulation of Abdominal Subcutaneous Lipolysis after Prednisolone Exposure in Humans. Obesity, 2002, 10, 774-781.	4.0	33
458	Effects of Obesity on Substrate Utilization during Exercise. Obesity, 2002, 10, 575-584.	4.0	138
459	Cholesterol improves the utilization of parenteral lipid emulsions. Wiener Klinische Wochenschrift, 2003, 115, 767-774.	1.0	4
460	PASSCLAIM - Physical performance and fitness. European Journal of Nutrition, 2003, 42, 1-1.	1.8	22
461	Effects of pre-exercise ingestion of differing amounts of carbohydrate on subsequent metabolism and cycling performance. European Journal of Applied Physiology, 2003, 88, 444-452.	1.2	60
462	Effects of pre-exercise ingestion of trehalose, galactose and glucose on subsequent metabolism and cycling performance. European Journal of Applied Physiology, 2003, 88, 459-465.	1.2	64
463	Comparison of fat oxidation in arm cranking in spinal cord-injured people versus ergometry in cyclists. European Journal of Applied Physiology, 2003, 90, 614-619.	1.2	24
464	Carbohydrate supplementation improves moderate and high-intensity exercise in the heat. Pflugers Archiv European Journal of Physiology, 2003, 446, 211-219.	1.3	72
465	Effect of hypocaloric meals with different macronutrient compositions on energy metabolism and lung function in obese women. Nutrition, 2003, 19, 703-707.	1.1	14
466	Energy-dense meals improve energy intake in elderly residents in a nursing home. Clinical Nutrition, 2003, 22, 125-131.	2.3	104
467	Fate of fatty acids at rest and during exercise: regulatory mechanisms. Acta Physiologica Scandinavica, 2003, 178, 385-390.	2.3	71
468	Postprandial triglycerides in response to high fat: role of dietary carbohydrate. European Journal of Clinical Investigation, 2003, 33, 383-389.	1.7	17
469	Insulin Action, Regional Fat, and Myocyte Lipid: Altered Relationships with Increased Adiposity. Obesity, 2003, 11, 1295-1305.	4.0	63
470	Fat oxidation, body composition and insulin sensitivity in diabetic and normoglycaemic obese adults 5 years after weight loss. International Journal of Obesity, 2003, 27, 1212-1218.	1.6	16
471	Is nutritional intake adequate in chronic heart failure patients?. Journal of the American College of Cardiology, 2003, 42, 1218-1223.	1.2	156
472	Increased atypical PKC activity in endurance-trained human skeletal muscle. Biochemical and Biophysical Research Communications, 2003, 312, 1147-1153.	1.0	40
473	Fat oxidation rates are higher during running compared with cycling over a wide range of intensities. Metabolism: Clinical and Experimental, 2003, 52, 747-752.	1.5	155

#	Article	IF	Citations
474	Lipodystrophy in human immunodeficiency virus patients impairs insulin action and induces defects in Î²-cell function. Metabolism: Clinical and Experimental, 2003, 52, 1343-1353.	1.5	48
475	Breath 13CO2 enrichment in obese women during the fasting and the fed states. Nutrition Research, 2003, 23, 1153-1163.	1.3	0
476	Prediabetes in obese youth: a syndrome of impaired glucose tolerance, severe insulin resistance, and altered myocellular and abdominal fat partitioning. Lancet, The, 2003, 362, 951-957.	6.3	441
477	Level of glycogen stores and amount of ingested glucose regulate net carbohydrate storage by different mechanisms. Metabolism: Clinical and Experimental, 2003, 52, 94-101.	1.5	5
478	Low-dose oral glyburide reduces glucose production rates in patients with impaired fasting glucose. Metabolism: Clinical and Experimental, 2003, 52, 407-412.	1.5	5
479	Contribution of hepatic de novo lipogenesis and reesterification of plasma non esterified fatty acids to plasma triglyceride synthesis during non-alcoholic fatty liver disease. Diabetes and Metabolism, 2003, 29, 478-485.	1.4	355
480	Changes in Aerobic Capacity and Visceral Fat but not Myocyte Lipid Levels Predict Increased Insulin Action After Exercise in Overweight and Obese Men. Diabetes Care, 2003, 26, 1706-1713.	4.3	118
481	Treatment of Nonalcoholic Steatohepatitis: The Effects of Regular Exercise. European Journal of Sport Science, 2003, 3, 1-13.	1.4	1
482	The effects of exercise and proteinâ€“energy supplements on body composition and muscle function in frail elderly individuals: a long-term controlled randomised study. British Journal of Nutrition, 2003, 89, 731-738.	1.2	152
483	Enhanced Fat Oxidation Through Physical Activity Is Associated With Improvements in Insulin Sensitivity in Obesity. Diabetes, 2003, 52, 2191-2197.	0.3	330
484	The influence of high-carbohydrate meals with different glycaemic indices on substrate utilisation during subsequent exercise. British Journal of Nutrition, 2003, 90, 1049-1056.	1.2	91
485	Differences in the regulation of adipose tissue and liver lipogenesis by carbohydrates in humans. Journal of Lipid Research, 2003, 44, 846-853.	2.0	106
486	Amino Acid Composition of Soybean Protein Increased Postprandial Carbohydrate Oxidation in Diabetic Mice. Bioscience, Biotechnology and Biochemistry, 2003, 67, 2505-2511.	0.6	12
487	The effect of pre-exercise carbohydrate feedings on the intensity that elicits maximal fat oxidation. Journal of Sports Sciences, 2003, 21, 1017-1025.	1.0	53
488	Increased Phosphorylation of Skeletal Muscle Glycogen Synthase at NH2-Terminal Sites During Physiological Hyperinsulinemia in Type 2 Diabetes. Diabetes, 2003, 52, 1393-1402.	0.3	118
489	5â€²-AMP-activated protein kinase activity and subunit expression in exercise-trained human skeletal muscle. Journal of Applied Physiology, 2003, 94, 631-641.	1.2	129
490	Effects of oral contraceptives on glucose flux and substrate oxidation rates during rest and exercise. Journal of Applied Physiology, 2003, 94, 285-294.	1.2	85
491	Regulation of 5â€²AMP-activated protein kinase activity and substrate utilization in exercising human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E813-E822.	1.8	281

#	Article	IF	Citations
492	Maximal Fat Oxidation During Exercise in Trained Men. International Journal of Sports Medicine, 2003, 24, 603-608.	0.8	183
493	In Situ Evidence That Peripheral Insulin Resistance in Adolescents with Poorly Controlled Type 1 Diabetes Is Associated with Impaired Suppression of Lipolysis: A Microdialysis Study. Pediatric Research, 2003, 53, 830-835.	1.1	29
494	Effect of isoenergetic low- and high-carbohydrate diets on substrate kinetics and oxidation in healthy men. British Journal of Nutrition, 2003, 90, 413-418.	1.2	22
495	Fatty liver in type 2 diabetes mellitus: relation to regional adiposity, fatty acids, and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E906-E916.	1.8	361
496	Intramyocellular triacylglycerol in prolonged cycling with high- and low-carbohydrate availability. Journal of Applied Physiology, 2003, 94, 1365-1372.	1.2	59
497	Effects of GH on urea, glucose and lipid metabolism, and insulin sensitivity during fasting in GH-deficient patients. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E737-E743.	1.8	36
498	Increased insulin receptor signaling and glycogen synthase activity contribute to the synergistic effect of exercise on insulin action. Journal of Applied Physiology, 2003, 95, 2519-2529.	1.2	43
499	No Effect of Pre-exercise Meal on Substrate Metabolism and Time Trial Performance during Intense Endurance Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2003, 13, 489-503.	1.0	13
500	Substrate Utilization during Exercise Performed with and Without Glucose Ingestion in Female and Male Endurance-Trained Athletes. International Journal of Sport Nutrition and Exercise Metabolism, 2003, 13, 407-421.	1.0	76
501	A Soybean Peptide Isolate Diet Promotes Postprandial Carbohydrate Oxidation and Energy Expenditure in Type II Diabetic Mice. Journal of Nutrition, 2003, 133, 752-757.	1.3	53
502	Relation Between Plasma Lactate Concentration and Fat Oxidation Rates Over a Wide Range of Exercise Intensities. International Journal of Sports Medicine, 2004, 25, 32-37.	0.8	89
503	Markedly Diminished Lipolysis and Partial Restoration of Glucose Metabolism, without Changes in Fat Distribution after Extended Discontinuation of Protease Inhibitors in Severe Lipodystrophic Human Immunodeficient Virus-1-Infected Patients. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3554-3560.	1.8	20
504	Dissociation between Fat-Inducedin VivoInsulin Resistance and Proximal Insulin Signaling in Skeletal Muscle in Men at Risk for Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1301-1311.	1.8	52
505	Longitudinal changes in energy expenditure and body composition in obese women with normal and impaired glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E472-E479.	1.8	78
506	Fat Oxidation in Men and Women Endurance Athletes in Running and Cycling. International Journal of Sports Medicine, 2004, 25, 38-44.	0.8	90
507	Effects of Low and Moderate Antecedent Exercise on Counterregulatory Responses to Subsequent Hypoglycemia in Type 1 Diabetes. Diabetes, 2004, 53, 1798-1806.	0.3	118
508	Metabolism of normothermic woodchucks during prolonged fasting. Journal of Experimental Biology, 2004, 207, 4525-4533.	0.8	8
509	A Low-Carbohydrate/High-Fat Diet Improves Glucoregulation in Type 2 Diabetes Mellitus by Reducing Postabsorptive Glycogenolysis. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6193-6197.	1.8	36

#	Article	IF	Citations
510	High Oxidation Rates from Combined Carbohydrates Ingested during Exercise. Medicine and Science in Sports and Exercise, 2004, 36, 1551-1558.	0.2	115
511	Effects of Moderate Weight Loss and Orlistat on Insulin Resistance, Regional Adiposity, and Fatty Acids in Type 2 Diabetes. Diabetes Care, 2004, 27, 33-40.	4.3	149
512	A Novel Syndrome of Autosomal-Dominant Hyperinsulinemic Hypoglycemia Linked to a Mutation in the Human Insulin Receptor Gene. Diabetes, 2004, 53, 1592-1598.	0.3	114
513	Excess body fat in men decreases plasma fatty acid availability and oxidation during endurance exercise. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E354-E362.	1.8	60
514	Manipulation of dietary carbohydrate and muscle glycogen affects glucose uptake during exercise when fat oxidation is impaired by Î²-adrenergic blockade. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E1195-E1201.	1.8	15
515	Exercise training increases intramyocellular lipid and oxidative capacity in older adults. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E857-E862.	1.8	138
516	Fat metabolism in exercise - with special reference to training and growth hormone administration. Scandinavian Journal of Medicine and Science in Sports, 2004, 14, 74-99.	1.3	29
517	Effect of taurine treatment on insulin secretion and action, and on serum lipid levels in overweight men with a genetic predisposition for type II diabetes mellitus. European Journal of Clinical Nutrition, 2004, 58, 1239-1247.	1.3	93
518	Decreased thermic effect of food after an irregular compared with a regular meal pattern in healthy lean women. International Journal of Obesity, 2004, 28, 653-660.	1.6	86
519	Taurine Alters Respiratory Gas Exchange and Nutrient Metabolism in Type 2 Diabetic Rats. Obesity, 2004, 12, 1077-1084.	4.0	39
520	Restrained Eating Behavior and the Metabolic Response to Dietary Energy Restriction in Women. Obesity, 2004, 12, 141-149.	4.0	16
521	Fat oxidation at different intensities in wheelchair racing. Spinal Cord, 2004, 42, 24-28.	0.9	19
522	Optimal exercise intensities for fat metabolism in handbike cycling and cycling. Spinal Cord, 2004, 42, 564-572.	0.9	29
523	The combined effects of exercise and food intake on adipose tissue and splanchnic metabolism. Journal of Physiology, 2004, 561, 871-882.	1.3	58
524	Preoperative oral carbohydrate treatment attenuates endogenous glucose release 3 days after surgery. Clinical Nutrition, 2004, 23, 733-741.	2.3	113
525	The Importance of Glutamate in Skeletal Muscle Metabolism Under Differrent Exercise Conditions. Applied Physiology, Nutrition, and Metabolism, 2004, 29, 684-684.	1.7	0
526	Oxidation of combined ingestion of glucose and fructose during exercise. Journal of Applied Physiology, 2004, 96, 1277-1284.	1.2	255
527	High-fat diet elevates resting intramuscular triglyceride concentration and whole body lipolysis during exercise. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E217-E225.	1.8	92

#	Article	IF	Citations
528	Impaired plasma fatty acid oxidation in extremely obese women. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E1076-E1081.	1.8	95
529	A pilot study of vitamin E versus vitamin E and pioglitazone for the treatment of nonalcoholic steatohepatitis. Clinical Gastroenterology and Hepatology, 2004, 2, 1107-1115.	2.4	388
530	Muscle Triglyceride and Glycogen in Endurance Exercise. Sports Medicine, 2004, 34, 151-164.	3.1	42
531	During exercise in the cold increased availability of plasma nonesterified fatty acids does not affect the pattern of substrate oxidation. Metabolism: Clinical and Experimental, 2004, 53, 203-208.	1.5	13
532	Carbohydrate requirement and insulin concentration during moderate exercise in type 1 diabetic patients. Metabolism: Clinical and Experimental, 2004, 53, 1126-1130.	1.5	59
533	Fat oxidation after acipimox-induced reduction in plasma nonesterified fatty acids during exercise at 0Â°C and 20Â°C. Metabolism: Clinical and Experimental, 2004, 53, 1131-1135.	1.5	7
534	The Effect of Glucose Infusion on Glucose Kinetics during a 1-h Time Trial. Medicine and Science in Sports and Exercise, 2004, 36, 1543-1550.	0.2	109
535	Postoperative Protein Sparing With Epidural Analgesia and Hypocaloric Dextrose. Annals of Surgery, 2004, 240, 916-921.	2.1	41
536	Oxidation of exogenous glucose, sucrose, and maltose during prolonged cycling exercise. Journal of Applied Physiology, 2004, 96, 1285-1291.	1.2	107
537	Epidural Ropivacaine versusÂ Epidural Morphine and the Catabolic Response to Colonic Surgery. Anesthesiology, 2004, 100, 973-978.	1.3	9
538	Higher dietary carbohydrate content during intensified running training results in better maintenance of performance and mood state. Journal of Applied Physiology, 2004, 96, 1331-1340.	1.2	157
539	Dietary Composition Influences Short-term Endurance Trainingâ€“Induced Adaptations of Substrate Partitioning during Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2004, 14, 38-61.	1.0	3
540	Effects of carbohydrate supplementation on performance and carbohydrate oxidation after intensified cycling training. Journal of Applied Physiology, 2004, 97, 1245-1253.	1.2	58
541	Comparison of intraduodenal and intravenous glucose metabolism under clamp conditions in humans. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E176-E183.	1.8	13
542	AMPK activity and isoform protein expression are similar in muscle of obese subjects with and without type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E239-E244.	1.8	76
543	Running 8000 m Fast or Slow: Are There Differences in Energy Cost and Fat Metabolism?. Medicine and Science in Sports and Exercise, 2005, 37, 1789-1793.	0.2	5
544	Increasing dietary palmitic acid decreases fat oxidation and daily energy expenditure. American Journal of Clinical Nutrition, 2005, 82, 320-326.	2.2	123
545	Oxidation of Combined Ingestion of Maltodextrins and Fructose during Exercise. Medicine and Science in Sports and Exercise, 2005, 37, 426-432.	0.2	98

#	Article	IF	Citations
546	Glucose Polymer Molecular Weight Does Not Affect Exogenous Carbohydrate Oxidation. Medicine and Science in Sports and Exercise, 2005, 37, 1510-1516.	0.2	25
547	Metabolic Responses to Exercise after Carbohydrate Loads in Healthy Men and Women. Medicine and Science in Sports and Exercise, 2005, 37, 1721-1727.	0.2	6
548	Variability in Exercise Capacity and Metabolic Response During Endurance Exercise After a Low Carbohydrate Diet. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 97-116.	1.0	22
550	Type 2 Diabetes Mellitus and the Catabolic Response to Surgery. Anesthesiology, 2005, 102, 320-326.	1.3	43
551	The Metabolic Responses to High Carbohydrate Meals with Different Glycemic Indices Consumed during Recovery from Prolonged Strenuous Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 291-307.	1.0	14
552	Improved Recovery from Prolonged Exercise Following the Consumption of Low Glycemic Index Carbohydrate Meals. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 333-349.	1.0	39
553	Strategies for Hydration and Energy Provision during Soccer-Specific Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 625-640.	1.0	24
554	The Effects of Medium-Chain Triacylglycerol and Carbohydrate Ingestion on Ultra-Endurance Exercise Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 15-27.	1.0	31
555	The Effect of the Glycemic Index of an Evening Meal on the Metabolic Responses to a Standard High Glycemic Index Breakfast and Subsequent Exercise in Men. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 308-322.	1.0	25
556	Is postprandial hypertriglyceridaemia in relatives of type 2 diabetic subjects a consequence of insulin resistance?. European Journal of Clinical Investigation, 2005, 35, 117-125.	1.7	14
557	Is the intensity of the highest fat oxidation at the lactate concentration of 2 mmol L-1? A comparison of two different exercise protocols. European Journal of Clinical Investigation, 2005, 35, 491-498.	1.7	17
558	Lifestyle Intervention and Fatty Acid Metabolism in Glucoseâ€Intolerant Subjects. Obesity, 2005, 13, 1354-1362.	4.0	16
559	Substrate oxidation during exercise: impact of time interval from the last meal in obese women. International Journal of Obesity, 2005, 29, 966-974.	1.6	23
560	Hexokinase II protein content is a determinant of exercise endurance capacity in the mouse. Journal of Physiology, 2005, 566, 533-541.	1.3	49
561	Postprandial triacylglycerol uptake in the legs is increased during exercise and post-exercise recovery. Journal of Physiology, 2005, 568, 941-950.	1.3	13
562	Metabolic effects of recombinant human growth hormone: Isotopic studies in the postabsorptive state and during total parenteral nutrition. British Journal of Surgery, 2005, 77, 785-790.	0.1	107
563	Depleted skeletal muscle mitochondrial DNA, hyperlactatemia, and decreased oxidative capacity in HIV-infected patients on highly active antiretroviral therapy. Journal of Medical Virology, 2005, 77, 29-38.	2.5	36
564	Effect of caffeine ingestion on lymphocyte counts and subset activation in vivo following strenuous cycling. European Journal of Applied Physiology, 2005, 93, 606-613.	1.2	38

#	Article	IF	Citations
565	Increasing dietary palmitic acid decreases fat oxidation and daily energy expenditure. American Journal of Clinical Nutrition, 2005, 82, 320-326.	2.2	123
566	Energy deficit without reducing dietary carbohydrate alters resting carbohydrate oxidation and fatty acid availability. Journal of Applied Physiology, 2005, 98, 1612-1618.	1.2	16
567	Energy Turnover at the Race Across AMerica (RAAM) - a Case Report. International Journal of Sports Medicine, 2005, 26, 499-503.	0.8	75
568	On the suppression of plasma nonesterified fatty acids by insulin during enhanced intravascular lipolysis in humans. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E849-E856.	1.8	60
569	Effects of glycemic control on target organ responses to epinephrine in type 1 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E258-E265.	1.8	13
570	Estrogen Supplementation Reduces Whole Body Leucine and Carbohydrate Oxidation and Increases Lipid Oxidation in Men during Endurance Exercise. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3592-3599.	1.8	114
571	Isotope tracer measures of meal fatty acid metabolism: reproducibility and effects of the menstrual cycle. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E547-E555.	1.8	70
572	Differing physiological effects of epinephrine in type 1 diabetes and nondiabetic humans. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E178-E186.	1.8	16
573	Alterations in carbohydrate metabolism in response to short-term dietary carbohydrate restriction. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E306-E312.	1.8	38
574	Contribution of defects in glucose uptake to carbohydrate intolerance in liver cirrhosis: assessment during physiological glucose and insulin concentrations. American Journal of Physiology - Renal Physiology, 2005, 288, G1135-G1143.	1.6	48
575	Measurement of Substrate Oxidation During Exercise by Means of Gas Exchange Measurements. International Journal of Sports Medicine, 2005, 26, S28-S37.	2.7	528
576	Is There a Role for Nonprotein Calories in Developing and Evaluating the Nutrient Prescription?. Nutrition in Clinical Practice, 2005, 20, 321-324.	1.1	8
577	Very short term dehydroepiandrosterone treatment in female adrenal failure: impact on carbohydrate, lipid and protein metabolism. European Journal of Endocrinology, 2005, 152, 77-85.	1.9	27
578	Deficiency of Subsarcolemmal Mitochondria in Obesity and Type 2 Diabetes. Diabetes, 2005, 54, 8-14.	0.3	755
579	Defective glucose and lipid metabolism in human immunodeficiency virus-infected patients with lipodystrophy involve liver, muscle tissue and pancreatic Î²-cells. European Journal of Endocrinology, 2005, 152, 103-112.	1.9	32
580	Glucose Pulse: A simple method to estimate the amount of glucose oxidized during exercise in type 1 diabetic patients. Diabetes Care, 2005, 28, 2028-2030.	4.3	16
581	Beneficial Postprandial Effect of a Small Amount of Alcohol on Diabetes and Cardiovascular Risk Factors: Modification by Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 661-672.	1.8	93
582	A single session of resistance exercise does not reduce postprandial lipaemia. Journal of Sports Sciences, 2005, 23, 251-260.	1.0	33

#	Article	IF	Citations
583	Skeletal Muscle Insulin Signaling Defects Downstream of Phosphatidylinositol 3-Kinase at the Level of Akt Are Associated With Impaired Nonoxidative Glucose Disposal in HIV Lipodystrophy. Diabetes, 2005, 54, 3474-3483.	0.3	29
584	High rates of exogenous carbohydrate oxidation from a mixture of glucose and fructose ingested during prolonged cycling exercise. British Journal of Nutrition, 2005, 93, 485-492.	1.2	131
585	Nutrient Oxidation during Moderately Intense Exercise in Obese Prepubertal Boys. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 231-236.	1.8	46
586	A Potential Important Role of Skeletal Muscle in Human Counterregulation of Hypoglycemia. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6244-6250.	1.8	25
587	Effect of gonadotropin-releasing-hormone-induced hypogonadism on insulin action as assessed by euglycemic clamp studies in men. Fertility and Sterility, 2005, 84, 186-190.	0.5	3
588	The influence of the glycaemic index of breakfast and lunch on substrate utilisation during the postprandial periods and subsequent exercise. British Journal of Nutrition, 2005, 93, 885-893.	1.2	68
589	Determinants of fat oxidation during exercise in healthy men and women: a cross-sectional study. Journal of Applied Physiology, 2005, 98, 160-167.	1.2	371
590	Effect of Randomly Interesterified Triacylglycerols Containing Medium- and Long-Chain Fatty Acids on Energy Expenditure and Hepatic Fatty Acid Metabolism in Rats. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1811-1818.	0.6	76
591	Acute inhibition of lipolysis does not affect postprandial suppression of endogenous glucose production. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E941-E947.	1.8	9
592	Effects of encapsulated green tea and Guarana extracts containing a mixture of epigallocatechin-3-gallate and caffeine on 24 h energy expenditure and fat oxidation in men. British Journal of Nutrition, 2005, 94, 432-436.	1.2	168
593	The Effect of Sweetness on the Efficacy of Carbohydrate Supplementation During Exercise in the Heat. Applied Physiology, Nutrition, and Metabolism, 2005, 30, 379-391.	1.7	22
594	The influence of environmental temperature on duathlon performance. Ergonomics, 2005, 48, 1558-1567.	1.1	32
595	Oxidative and nonoxidative glucose disposal in elderly vs younger men with similar and smaller body mass indices and waist circumferences. Metabolism: Clinical and Experimental, 2005, 54, 748-755.	1.5	11
596	Fuel oxidation during human walking. Metabolism: Clinical and Experimental, 2005, 54, 793-799.	1.5	44
597	Oxidation of combined ingestion of glucose and sucrose during exercise. Metabolism: Clinical and Experimental, 2005, 54, 610-618.	1.5	73
598	Energetics of a long-distance migrant shorebird (Philomachus pugnax) during cold exposure and running. Journal of Experimental Biology, 2005, 208, 317-325.	0.8	50
599	Is the highest fat oxidation rate coincident with the anaerobic threshold in obese women and men?. European Journal of Sport Science, 2005, 5, 79-87.	1.4	11
600	Acute effects of exercise timing and breakfast meal glycemic index on exercise-induced fat oxidation. Applied Physiology, Nutrition and Metabolism, 2006, 31, 502-511.	0.9	36

#	Article	IF	Citations
601	Substrate oxidation during incremental arm and leg exercise in men and women matched for ventilatory threshold. Journal of Sports Sciences, 2006, 24, 1281-1289.	1.0	8
602	Tumor necrosis factor Î± is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. Metabolism: Clinical and Experimental, 2006, 55, 175-182.	1.5	38
603	Regulation of free fatty acid metabolism by insulin in humans: role of lipolysis and reesterification. American Journal of Physiology - Endocrinology and Metabolism, 2006, 263, E1063-E1069.	1.8	85
604	Influence of high-carbohydrate mixed meals with different glycemic indexes on substrate utilization during subsequent exercise in women1,2. American Journal of Clinical Nutrition, 2006, 84, 354-360.	2.2	82
605	The Elevation of Ingested Lipids within Plasma Chylomicrons Is Prolonged in Men Compared with Women. Journal of Nutrition, 2006, 136, 1498-1503.	1.3	26
606	Physiologic growth hormone replacement improves fasting lipid kinetics in patients with HIV lipodystrophy syndrome. American Journal of Clinical Nutrition, 2006, 84, 204-211.	2.2	21
607	Acute respiratory failure. , 2006, , 508-521.		2
608	A Whey-Supplemented, High-Protein Diet versus a High-Carbohydrate Diet: Effects on Endurance Cycling Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2006, 16, 65-77.	1.0	31
609	A Low Glycemic Index Meal before Exercise Improves Endurance Running Capacity in Men. International Journal of Sport Nutrition and Exercise Metabolism, 2006, 16, 510-527.	1.0	80
610	Accumulating Short Bouts of Running Exercise Throughout the Day Reduces Postprandial Plasma Triacylglycerol Concentrations and Resting Blood Pressure in Healthy Young Men. Journal of Physical Activity and Health, 2006, 3, 112-123.	1.0	14
611	Exercise and postprandial lipemia: effect of continuous compared with intermittent activity patterns. American Journal of Clinical Nutrition, 2006, 83, 24-29.	2.2	75
612	Influence of high-carbohydrate mixed meals with different glycemic indexes on substrate utilization during subsequent exercise in women1,2. American Journal of Clinical Nutrition, 2006, 84, 354-360.	2.2	83
613	Carbohydrate metabolism during prolonged exercise and recovery: interactions between pyruvate dehydrogenase, fatty acids, and amino acids. Journal of Applied Physiology, 2006, 100, 1822-1830.	1.2	46
614	Salivary IgA Responses to Prolonged Intensive Exercise following Caffeine Ingestion. Medicine and Science in Sports and Exercise, 2006, 38, 513-519.	0.2	49
615	Acute, same-day effects of antecedent exercise on counterregulatory responses to subsequent hypoglycemia in type 1 diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1331-E1338.	1.8	58
616	Exogenous carbohydrate oxidation rates are elevated after combined ingestion of glucose and fructose during exercise in the heat. Journal of Applied Physiology, 2006, 100, 807-816.	1.2	89
617	Mechanisms for abnormal postprandial glucose metabolism in type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E67-E77.	1.8	93
618	Whole-body fat oxidation determined by graded exercise and indirect calorimetry: a role for muscle oxidative capacity?. Scandinavian Journal of Medicine and Science in Sports, 2006, 16, 209-214.	1.3	118

#	Article	IF	Citations
619	Abnormalities of whole body protein turnover, muscle metabolism and levels of metabolic hormones in patients with chronic heart failure. Journal of Internal Medicine, 2006, 260, 11-21.	2.7	72
620	Growth factors, glucose and insulin kinetics after low dose growth hormone therapy in HIV-lipodystrophy. Journal of Infection, 2006, 52, 389-398.	1.7	8
621	Maximal fat oxidation rates in endurance trained and untrained women. European Journal of Applied Physiology, 2006, 98, 497-506.	1.2	87
622	Reduced plasma adiponectin concentrations may contribute to impaired insulin activation of glycogen synthase in skeletal muscle of patients with type 2 diabetes. Diabetologia, 2006, 49, 1283-1291.	2.9	62
623	Adiponectin in human pregnancy: implications for regulation of glucose and lipid metabolism. Diabetologia, 2006, 49, 1677-1685.	2.9	225
624	Increased serum resistin in elite endurance athletes with high insulin sensitivity. Diabetologia, 2006, 49, 1893-1900.	2.9	34
625	Dysregulation of muscle fatty acid metabolism in type 2 diabetes is independent of malonyl-CoA. Diabetologia, 2006, 49, 2144-2152.	2.9	21
626	Effect of short-term ACE inhibitor treatment on peripheral insulin sensitivity in obese insulin-resistant subjects. Diabetologia, 2006, 49, 3009-3016.	2.9	14
627	Inhibition of fatty acid Î²-oxidation attenuates the reinforcing effects and palatability to fat. Nutrition, 2006, 22, 401-407.	1.1	19
628	Fat Oxidation before and after a High Fat Load in the Obese Insulin-Resistant State. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1462-1469.	1.8	66
629	Plasma Adiponectin Level Is Associated with Insulin-Stimulated Nonoxidative Glucose Disposal. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 290-294.	1.8	32
630	Sex-specific differences in leg fat uptake are revealed with a high-fat meal. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1115-E1123.	1.8	61
631	No effect of menstrual cycle phase on basal very-low-density lipoprotein triglyceride and apolipoprotein B-100 kinetics. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1243-E1249.	1.8	50
632	Menstrual cycle phase and sex influence muscle glycogen utilization and glucose turnover during moderate-intensity endurance exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1120-R1128.	0.9	133
633	Coimmunoprecipitation of FAT/CD36 and CPT I in skeletal muscle increases proportionally with fat oxidation after endurance exercise training. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E254-E260.	1.8	87
634	Lipid metabolism response to a single, prolonged bout of endurance exercise in healthy young men. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E355-E362.	1.8	105
635	Impact of exercise training on insulin sensitivity, physical fitness, and muscle oxidative capacity in first-degree relatives of type 2 diabetic patients. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E998-E1005.	1.8	72
636	Maximal lipidic power in high competitive level triathletes and cyclists * Commentary. British Journal of Sports Medicine, 2006, 41, 23-28.	3.1	24

#	Article	IF	Citations
637	Exogenous carbohydrate oxidation during ultraendurance exercise. Journal of Applied Physiology, 2006, 100, 1134-1141.	1.2	111
638	Reduction of diet-induced obesity by a combination of tea-catechin intake and regular swimming. International Journal of Obesity, 2006, 30, 561-568.	1.6	52
639	A single session of treadmill running has no effect on plasma total ghrelin concentrations. Journal of Sports Sciences, 2007, 25, 635-642.	1.0	70
640	Growth Hormone Treatment in Adolescent Males with Idiopathic Short Stature: Changes in Body Composition, Protein, Fat, and Glucose Metabolism. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3033-3039.	1.8	23
641	Growth hormone-induced insulin resistance is associated with increased intramyocellular triglyceride content but unaltered VLDL-triglyceride kinetics. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E920-E927.	1.8	84
642	Lipid mobilization of long-distance migrant birds in vivo: the high lipolytic rate of ruff sandpipers is not stimulated during shivering. Journal of Experimental Biology, 2007, 210, 1161-1169.	0.8	29
643	Obesity, diabetes and energy metabolism. Expert Review of Endocrinology and Metabolism, 2007, 2, 1-5.	1.2	0
644	Determination of â€œFatmaxâ€•with 1 h cycling protocols of constant load. Applied Physiology, Nutrition and Metabolism, 2007, 32, 249-256.	0.9	23
645	Effects of Physical Activity and Weight Loss on Skeletal Muscle Mitochondria and Relationship With Glucose Control in Type 2 Diabetes. Diabetes, 2007, 56, 2142-2147.	0.3	263
646	Blunted lipolysis and fatty acid oxidation during moderate exercise in HIV-infected subjects taking HAART. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E812-E819.	1.8	31
647	A single 1-h bout of evening exercise increases basal FFA flux without affecting VLDL-triglyceride and VLDL-apolipoprotein B-100 kinetics in untrained lean men. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1568-E1574.	1.8	40
648	Short-Term Manipulation of Plasma Free Fatty Acids Does Not Change Skeletal Muscle Concentrations of Ceramide and Glucosylceramide in Lean and Overweight Subjects. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1524-1529.	1.8	43
649	The Impact of Pegvisomant Treatment on Substrate Metabolism and Insulin Sensitivity in Patients with Acromegaly. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1724-1728.	1.8	94
650	High-Fat/Low-Carbohydrate Diet Reduces Insulin-Stimulated Carbohydrate Oxidation but Stimulates Nonoxidative Glucose Disposal in Humans: An Important Role for Skeletal Muscle Pyruvate Dehydrogenase Kinase 4. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 284-292.	1.8	70
651	Gender-Related Differences in the Metabolic Response to Fasting. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3646-3652.	1.8	69
653	Oxygen consumption rates in hovering hummingbirds reflect substrate-dependent differences in P/O ratios: carbohydrate as a `premium fuel'. Journal of Experimental Biology, 2007, 210, 2146-2153.	0.8	53
654	Muscle metabolic, SR Ca²⁺-cycling responses to prolonged cycling, with and without glucose supplementation. Journal of Applied Physiology, 2007, 103, 1986-1998.	1.2	44
655	Effect of Protein Ingestion on Energy Expenditure and Substrate Utilization after Exercise in Middle-Aged Women. International Journal of Sport Nutrition and Exercise Metabolism, 2007, 17, 544-555.	1.0	10

#	Article	IF	Citations
656	Multiple Bouts of Resistance Exercise and Postprandial Triacylglycerol and Serum C-Reactive-Protein Concentrations. International Journal of Sport Nutrition and Exercise Metabolism, 2007, 17, 556-573.	1.0	18
657	Mechanisms for the acute effect of fructose on postprandial lipemia. American Journal of Clinical Nutrition, 2007, 85, 1511-1520.	2.2	291
658	A Theoretical Method of Using Heart Rate to Estimate Energy Expenditure during Exercise. International Journal of Sports Science and Coaching, 2007, 2, 319-327.	0.7	12
659	Exogenous Carbohydrate Spares Muscle Glycogen in Men and Women during 10 h of Exercise. Medicine and Science in Sports and Exercise, 2007, 39, 2171-2179.	0.2	23
660	Conjugated linoleic acid versus high-oleic acid sunflower oil: effects on energy metabolism, glucose tolerance, blood lipids, appetite and body composition in regularly exercising individuals. British Journal of Nutrition, 2007, 97, 1001-1011.	1.2	82
661	The potential for mitochondrial fat oxidation in human skeletal muscle influences whole body fat oxidation during low-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E223-E230.	1.8	35
662	Elevated Free Fatty Acids Attenuate the Insulin-Induced Suppression of PDK4 Gene Expression in Human Skeletal Muscle: Potential Role of Intramuscular Long-Chain Acyl-Coenzyme A. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3967-3972.	1.8	58
663	Les traceurs isotopiques stables en nutrition humaine : que peut-on faire avec ?. Cahiers De Nutrition Et De Dietetique, 2007, 42, 324-335.	0.2	2
664	Exercise-induced suppression of acylated ghrelin in humans. Journal of Applied Physiology, 2007, 102, 2165-2171.	1.2	228
665	Severity of insulin resistance in critically ill medical patients. Metabolism: Clinical and Experimental, 2007, 56, 1-5.	1.5	88
666	Relative fat oxidation is higher in children than adults. Nutrition Journal, 2007, 6, 19.	1.5	30
667	Sodium Acetate Induces a Metabolic Alkalosis but Not the Increase in Fatty Acid Oxidation Observed Following Bicarbonate Ingestion in Humans. Journal of Nutrition, 2007, 137, 1750-1756.	1.3	19
670	Glucose production, oxidation and disposal correlate with plasma lactate levels in HIV-infected patients on HAART. Journal of Infection, 2007, 54, 89-97.	1.7	6
671	Differential valine metabolism in adipose tissue of low and high fatâ€oxidizing obese subjects. Proteomics - Clinical Applications, 2007, 1, 1306-1315.	0.8	14
672	Increased physical activity decreases hepatic free fatty acid uptake: a study in human monozygotic twins. Journal of Physiology, 2007, 578, 347-358.	1.3	50
673	Muscle metabolism during graded quadriceps exercise in man. Journal of Physiology, 2007, 581, 1247-1258.	1.3	35
674	Lipolysis and fatty acid metabolism in men and women during the postexercise recovery period. Journal of Physiology, 2007, 584, 963-981.	1.3	140
675	Effects of the glycemic index of breakfast on metabolic responses to brisk walking in females. European Journal of Clinical Nutrition, 2007, 61, 590-596.	1.3	30

#	Article	IF	Citations
676	Does physical activity equally predict gain in fat mass among obese and nonobese young adults?. International Journal of Obesity, 2007, 31, 65-71.	1.6	21
677	Nateglinide improves postprandial hyperglycemia and insulin secretion in renal transplant recipients. Clinical Transplantation, 2007, 21, 246-251.	0.8	19
678	The effects of underfeeding on whole-body carbohydrate partitioning, thermogenesis and uncoupling protein 3 expression in human skeletal muscle. Diabetes, Obesity and Metabolism, 2007, 9, 669-678.	2.2	6
679	Optimizing fat oxidation through exercise in severely obese Caucasian adolescents. Clinical Endocrinology, 2007, 67, 070621212019005-???.	1.2	35
680	Effects of a 3â€day fast on regional lipid and glucose metabolism in human skeletal muscle and adipose tissue. Acta Physiologica, 2007, 191, 205-216.	1.8	30
681	Transforming growth factor-beta in the brain enhances fat oxidation via noradrenergic neurons in the ventromedial and paraventricular hypothalamic nucleus. Brain Research, 2007, 1173, 92-101.	1.1	11
682	The effect of topiramate on energy balance in obese men: a 6-month double-blind randomized placebo-controlled study with a 6-month open-label extension. European Journal of Clinical Pharmacology, 2007, 63, 123-134.	0.8	52
683	Exercise under hyperinsulinaemic conditions increases whole-body glucose disposal without affecting muscle glycogen utilisation in type 1 diabetes. Diabetologia, 2007, 50, 414-421.	2.9	41
684	Hyperinsulinaemia during exercise does not suppress hepatic glycogen concentrations in patients with type 1 diabetes: a magnetic resonance spectroscopy study. Diabetologia, 2007, 50, 1921-1929.	2.9	22
685	Brothers of women with polycystic ovary syndrome are characterised by impaired glucose tolerance, reduced insulin sensitivity and related metabolic defects. Diabetologia, 2007, 50, 2424-2432.	2.9	61
686	Effects of exercise intensity and duration on fat metabolism in trained and untrained older males. European Journal of Applied Physiology, 2007, 101, 525-532.	1.2	17
687	Validation and Clinical Application of a First Order Step Response Equation for Nitrogen Clearance During FRC Measurement. Journal of Clinical Monitoring and Computing, 2008, 22, 1-9.	0.7	8
688	Fuel metabolism during exercise in euglycaemia and hyperglycaemia in patients with type 1 diabetes mellitusâ€"a prospective single-blinded randomised crossover trial. Diabetologia, 2008, 51, 1457-1465.	2.9	77
689	Fluid provision and metabolic responses to soccer-specific exercise. European Journal of Applied Physiology, 2008, 104, 1069-1077.	1.2	31
690	Soluble urokinase plasminogen activator receptor is a marker of dysmetabolism in HIVâ€infected patients receiving highly active antiretroviral therapy. Journal of Medical Virology, 2008, 80, 209-216.	2.5	108
691	Peroxisome proliferatorâ€activated receptor gamma agonism modifies the effects of growth hormone on lipolysis and insulin sensitivity. Clinical Endocrinology, 2008, 69, 452-461.	1.2	8
692	Effect of cocoa flavanols and exercise on cardiometabolic risk factors in overweight and obese subjects. International Journal of Obesity, 2008, 32, 1289-1296.	1.6	178
693	Gender Alters the Effects of Palmitate and Oleate on Fat Oxidation and Energy Expenditure. Obesity, 2008, 16, 29-33.	1.5	35

#	Article	IF	Citations
694	Influence of the glycaemic index of an evening meal on substrate oxidation following breakfast and during exercise the next day in healthy women. European Journal of Clinical Nutrition, 2008, 62, 608-616.	1.3	23
695	Energy replacement attenuates the effects of prior moderate exercise on postprandial metabolism in overweight/obese men. International Journal of Obesity, 2008, 32, 481-489.	1.6	75
696	Non-oxidative glucose disposal is reduced in type 2 diabetes, but can be restored by aerobic exercise. Diabetes, Obesity and Metabolism, 2008, 10, 400-407.	2.2	20
697	Adiponectin and its response to thiazolidinediones are associated with insulinâ€mediated glucose metabolism in type 2 diabetic patients and their firstâ€degree relatives. Diabetes, Obesity and Metabolism, 2008, 10, 1019-1028.	2.2	6
698	The effect of participation in Ramadan on substrate selection during submaximal cycling exercise. Journal of Science and Medicine in Sport, 2008, 11, 510-517.	0.6	46
699	Validation of manometric microrespirometers for measuring oxygen consumption in small arthropods. Journal of Insect Physiology, 2008, 54, 1132-1137.	0.9	11
700	Hepatic Insulin Resistance in Antipsychotic Naive Schizophrenic Patients: Stable Isotope Studies of Glucose Metabolism. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 572-577.	1.8	84
701	Effects of aging on basal fat oxidation in obese humans. Metabolism: Clinical and Experimental, 2008, 57, 1141-1147.	1.5	30
702	Assessment of glucose metabolism in humans with the simultaneous use of indirect calorimetry and tracer techniques. Clinical Physiology, 1995, 15, 1-12.	0.7	26
703	Fructose ingestion acutely elevates blood pressure in healthy young humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R730-R737.	0.9	196
704	Adding carbohydrate to a high-fat meal blunts postprandial lipemia in women and reduces meal-derived fatty acids in systemic circulation. Applied Physiology, Nutrition and Metabolism, 2008, 33, 315-325.	0.9	9
705	Effects of an eight-month weight-control program on body composition and lipid oxidation rate during exercise in obese children. Journal of Endocrinological Investigation, 2008, 31, 509-514.	1.8	15
706	Climacteric, physically active women ingesting their routine diet oxidize more carbohydrates than lipids. Climacteric, 2008, 11, 454-460.	1.1	7
707	Multivitamin and dietary supplements, body weight and appetite: results from a cross-sectional and a randomised double-blind placebo-controlled study. British Journal of Nutrition, 2008, 99, 1157-1167.	1.2	43
708	A pilot study of the effects of pioglitazone and rosiglitazone on de novo lipogenesis in type 2 diabetes. Journal of Lipid Research, 2008, 49, 2657-2663.	2.0	33
709	Muscle Metabolism During Overground Walking in Persons with Poststroke Hemiparesis. Topics in Stroke Rehabilitation, 2008, 15, 218-226.	1.0	13
710	Impaired Plasma Nonesterified Fatty Acid Tolerance Is an Early Defect in the Natural History of Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 837-844.	1.8	49
711	Fish Oil Reduces Heart Rate and Oxygen Consumption During Exercise. Journal of Cardiovascular Pharmacology, 2008, 52, 540-547.	0.8	135

#	Article	IF	Citations
712	Increased Daily Walking Improves Lipid Oxidation Without Changes in Mitochondrial Function in Type 2 Diabetes. Diabetes Care, 2008, 31, 1644-1649.	4.3	61
713	Measurements of Islet Function and Glucose Metabolism with the Dipeptidyl Peptidase 4 Inhibitor Vildagliptin in Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 459-464.	1.8	113
714	Exercise and diet enhance fat oxidation and reduce insulin resistance in older obese adults. Journal of Applied Physiology, 2008, 104, 1313-1319.	1.2	146
715	Weight regain after sustained weight reduction is accompanied by suppressed oxidation of dietary fat and adipocyte hyperplasia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1117-R1129.	0.9	75
716	Prediction of Glucose Oxidation Rate during Exercise. International Journal of Sports Medicine, 2008, 29, 706-712.	0.8	6
717	Functional impact of high protein intake on healthy elderly people. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E921-E928.	1.8	104
718	Lower Intrinsic ADP-Stimulated Mitochondrial Respiration Underlies In Vivo Mitochondrial Dysfunction in Muscle of Male Type 2 Diabetic Patients. Diabetes, 2008, 57, 2943-2949.	0.3	298
719	Mercaptoacetate inhibition of fatty acid Î²-oxidation attenuates the oral acceptance of fat in BALB/c mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R82-R91.	0.9	22
720	Pioglitazone Decreases Fasting and Postprandial Endogenous Glucose Production in Proportion to Decrease in Hepatic Triglyceride Content. Diabetes, 2008, 57, 2288-2295.	0.3	62
721	Separate and combined effects of exercise training and weight loss on exercise efficiency and substrate oxidation. Journal of Applied Physiology, 2008, 105, 825-831.	1.2	68
722	Effects of a Deca Iron Triathlon on Body Composition - A Case Study. International Journal of Sports Medicine, 2008, 29, 343-351.	0.8	33
723	Effect of Moderate-intensity Exercise Session on Preprandial and Postprandial Responses of Circulating Ghrelin and Appetite. Hormone and Metabolic Research, 2008, 40, 410-415.	0.7	28
724	Obesity, body composition and metabolic disturbances in polycystic ovary syndrome. Human Reproduction, 2008, 23, 2113-2121.	0.4	80
725	Serum Retinol Binding Protein 4 Is Related to Insulin Resistance and Nonoxidative Glucose Metabolism in Lean and Obese Women with Normal Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2786-2789.	1.8	46
726	Increased Protein Turnover and Proteolysis Is an Early and Primary Feature of Short-Term Experimental Hyperthyroidism in Healthy Women. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3999-4005.	1.8	19
727	Effects of carbohydrate ingestion 15Âmin before exercise on endurance running capacity. Applied Physiology, Nutrition and Metabolism, 2008, 33, 441-449.	0.9	17
728	The response of plasma interleukin-6 and its soluble receptors to exercise in the cold in humans. Journal of Sports Sciences, 2008, 26, 927-933.	1.0	15
729	Effect of high and low glycaemic index recovery diets on intramuscular lipid oxidation during aerobic exercise. British Journal of Nutrition, 2008, 99, 326-332.	1.2	17

#	Article	IF	Citations
730	The Influence of Carbohydrate Mouth Rinse on Self-Selected Speeds during a 30-min Treadmill Run. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 585-600.	1.0	109
731	Moderate Exercise, Postprandial Energy Expenditure, and Substrate Use in Varying Meals in Lean and Obese Men. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 66-78.	1.0	11
732	Improved insulin sensitivity after a single bout of exercise is curvilinearly related to exercise energy expenditure. Clinical Science, 2008, 114, 59-64.	1.8	78
733	Fat oxidation rate and the exercise intensity that elicits maximal fat oxidation decreases with pubertal status in young male subjects. Journal of Applied Physiology, 2008, 105, 742-748.	1.2	68
734	General Nutritional Principles. , 0, , 508-539.		0
735	Maximal Physiological Responses between Aquatic and Land Exercise in Overweight Women. Medicine and Science in Sports and Exercise, 2008, 40, 959-964.	0.2	26
736	Proposta metodolÃ³gica para a avaliaÃ§Ã£o da tÃ©cnica da pedalada de ciclistas: estudo de caso. Revista Brasileira De Medicina Do Esporte, 2008, 14, 155-158.	0.1	10
737	The influence of sex and obesity phenotype on meal fatty acid metabolism before and after weight loss. American Journal of Clinical Nutrition, 2008, 88, 1134-1141.	2.2	56
738	Gene Expression in Skeletal Muscle Biopsies from People with Type 2 Diabetes and Relatives: Differential Regulation of Insulin Signaling Pathways. PLoS ONE, 2009, 4, e6575.	1.1	92
739	Body Composition, Energy, and Fluid Turnover in a Five-Day Multistage Ultratriathlon: A Case Study. Research in Sports Medicine, 2009, 17, 95-111.	0.7	17
740	Influence of resistance and aerobic exercise on hunger, circulating levels of acylated ghrelin, and peptide YY in healthy males. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R29-R35.	0.9	241
741	Intermittent fasting does not affect whole-body glucose, lipid, or protein metabolism. American Journal of Clinical Nutrition, 2009, 90, 1244-1251.	2.2	82
742	Regulation and Function of FTO mRNA Expression in Human Skeletal Muscle and Subcutaneous Adipose Tissue. Diabetes, 2009, 58, 2402-2408.	0.3	94
743	Dysregulation of Glycogen Synthase COOH- and NH2-Terminal Phosphorylation by Insulin in Obesity and Type 2 Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4547-4556.	1.8	64
744	Physical Inactivity Differentially Alters Dietary Oleate and Palmitate Trafficking. Diabetes, 2009, 58, 367-376.	0.3	90
745	Vascular Smooth Muscle Cellâ€“Selective Peroxisome Proliferatorâ€“Activated Receptor-Î³ Deletion Leads to Hypotension. Circulation, 2009, 119, 2161-2169.	1.6	65
746	Relationship between postabsorptive respiratory exchange ratio and plasma free fatty acid concentrations. Journal of Lipid Research, 2009, 50, 1863-1869.	2.0	19
747	Effects of an Intravenous Lipid Challenge and Free Fatty Acid Elevation on In Vivo Insulin Sensitivity in African American Versus Caucasian Adolescents. Diabetes Care, 2009, 32, 355-360.	4.3	16

#	Article	IF	Citations
748	Effect of dietary macronutrient composition under moderate hypocaloric intake on maternal adaptation during lactation. American Journal of Clinical Nutrition, 2009, 89, 1821-1827.	2.2	69
749	The Effect of a Calorie Controlled Diet Containing Walnuts on Substrate Oxidation during 8-hours in a Room Calorimeter. Journal of the American College of Nutrition, 2009, 28, 611-617.	1.1	21
750	Relationship between Total and High Molecular Weight Adiponectin Levels and Plasma Nonesterified Fatty Acid Tolerance during Enhanced Intravascular Triacylglycerol Lipolysis in Men. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 998-1004.	1.8	20
751	Mechanisms to conserve glucose in lactating women during a 42-h fast. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E879-E888.	1.8	33
752	Dietary glycemic index influences lipid oxidation but not muscle or liver glycogen oxidation during exercise. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1140-E1147.	1.8	36
753	A rosiglitazone-induced increase in adiponectin does not improve glucose metabolism in HIV-infected patients with overt lipoatrophy. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1097-E1104.	1.8	5
754	Impact of body composition on very-low-density lipoprotein-triglycerides kinetics. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E165-E173.	1.8	28
755	Effects of exercise training and diet on lipid kinetics during free fatty acid-induced insulin resistance in older obese humans with impaired glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E552-E559.	1.8	53
756	Effect of a Small Dose of Alcohol on the Endurance Performance of Trained Cyclists. Alcohol and Alcoholism, 2009, 44, 278-283.	0.9	26
757	Metabolic fate of plasma glucose during hyperglycemia in impaired glucose tolerance: evidence for further early defects in the pathogenesis of type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E440-E444.	1.8	7
758	Fat Oxidation during Exercise and Satiety during Recovery Are Increased following a Low-Glycemic Index Breakfast in Sedentary Women. Journal of Nutrition, 2009, 139, 890-897.	1.3	41
759	Impact of 9 Days of Bed Rest on Hepatic and Peripheral Insulin Action, Insulin Secretion, and Whole-Body Lipolysis in Healthy Young Male Offspring of Patients With Type 2 Diabetes. Diabetes, 2009, 58, 2749-2756.	0.3	83
760	Randomized trial on the effects of a 7-d low-glycemic diet and exercise intervention on insulin resistance in older obese humans. American Journal of Clinical Nutrition, 2009, 90, 1222-1229.	2.2	62
761	Effect of a 1-hour single bout of moderate-intensity exercise on fat oxidation kinetics. Metabolism: Clinical and Experimental, 2009, 58, 1778-1786.	1.5	18
762	Substrate metabolism during exercise in the spinal cord injured. European Journal of Applied Physiology, 2009, 106, 187-193.	1.2	14
763	Effect of preceding resistance exercise on metabolism during subsequent aerobic session. European Journal of Applied Physiology, 2009, 107, 43-50.	1.2	29
764	Cereal and nonfat milk support muscle recovery following exercise. Journal of the International Society of Sports Nutrition, 2009, 6, 11.	1.7	15
765	Fuel selection in Wistar rats exposed to cold: shivering thermogenesis diverts fatty acids from reâ€esterification to oxidation. Journal of Physiology, 2009, 587, 4349-4359.	1.3	27

#	Article	IF	Citations
766	Improved insulin sensitivity after weight loss and exercise training is mediated by a reduction in plasma fatty acid mobilization, not enhanced oxidative capacity. Journal of Physiology, 2009, 587, 4949-4961.	1.3	80
767	Relationship between plasma free fatty acid, intramyocellular triglycerides and longâ€chain acylcarnitines in resting humans. Journal of Physiology, 2009, 587, 5939-5950.	1.3	78
768	The thermic response to food is related to sensitivity to adrenaline in a group at risk for the development of type II diabetes. European Journal of Clinical Nutrition, 2009, 63, 1360-1367.	1.3	3
769	Macronutrient-specific effect of FTO rs9939609 in response to a 10-week randomized hypo-energetic diet among obese Europeans. International Journal of Obesity, 2009, 33, 1227-1234.	1.6	62
770	Blood Lactate is an Important Energy Source for the Human Brain. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1121-1129.	2.4	394
771	Effects of a Low Carbohydrate Weight Loss Diet on Exercise Capacity and Tolerance in Obese Subjects. Obesity, 2009, 17, 1916-1923.	1.5	42
772	Forearm and leg amino acid metabolism in the basal state and during combined insulin and amino acid stimulation after a 3â€day fast. Acta Physiologica, 2009, 197, 197-205.	1.8	6
773	Maximal lipid oxidation in patients with type 2 diabetes is normal and shows an adequate increase in response to aerobic training. Diabetes, Obesity and Metabolism, 2009, 11, 874-883.	2.2	39
774	Additive actions of the cannabinoid and neuropeptide Y systems on adiposity and lipid oxidation. Diabetes, Obesity and Metabolism, 2010, 12, 591-603.	2.2	35
775	Energetic Adaptation to Chronic Disease in the Elderly. Nutrition Reviews, 2009, 58, 61-66.	2.6	27
776	Free leptin index and thyroid function in male highly trained athletes. European Journal of Endocrinology, 2009, 161, 871-876.	1.9	15
777	Exogenous glucose oxidation is reduced with carbohydrate feeding during exercise after starvation. Metabolism: Clinical and Experimental, 2009, 58, 1161-1169.	1.5	7
778	Free fatty acid kinetics in the late phase of postexercise recovery: importance of resting fatty acid metabolism and exercise-induced energy deficit. Metabolism: Clinical and Experimental, 2009, 58, 1248-1255.	1.5	23
779	Effects of endurance training on cardiorespiratory fitness and substrate partitioning in postmenopausal women. Metabolism: Clinical and Experimental, 2009, 58, 1338-1346.	1.5	23
780	What Can Birds Tell Us about the Migration Physiology of Bats?. Journal of Mammalogy, 2009, 90, 1290-1297.	0.6	48
781	Effects of Insulin on Ketogenesis Following Fasting in Lean and Obese Men. Obesity, 2009, 17, 1326-1331.	1.5	47
782	Effects of Growth Hormone on Glucose, Lipid, and Protein Metabolism in Human Subjects. Endocrine Reviews, 2009, 30, 152-177.	8.9	804
783	Physiological responses and energy cost during a simulation of a Muay Thai boxing match. Applied Physiology, Nutrition and Metabolism, 2009, 34, 143-150.	0.9	68

#	Article	IF	Citations
784	Effect of High-Intensity Interval Exercise on Lipid Oxidation during Postexercise Recovery. Medicine and Science in Sports and Exercise, 2009, 41, 364-374.	0.2	45
785	A Mathematical Model to Describe Fat Oxidation Kinetics during Graded Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 1615-1625.	0.2	43
786	Increased energy expenditure and glucose oxidation during acute nontraumatic skin pain in humans. European Journal of Anaesthesiology, 2009, 26, 311-317.	0.7	18
787	Brisk walking offsets the increase in postprandial TAG concentrations found when changing to a diet with increased carbohydrate. British Journal of Nutrition, 2009, 101, 1787-1796.	1.2	11
788	Reduced glycaemic and insulinaemic responses following trehalose ingestion: implications for postprandial substrate use. British Journal of Nutrition, 2009, 102, 1395-1399.	1.2	24
789	Antiretroviral therapy with or without protease inhibitors impairs postprandial TAG hydrolysis in HIV-infected men. British Journal of Nutrition, 2009, 102, 1038-1046.	1.2	7
790	Reduced glycaemic and insulinaemic responses following isomaltulose ingestion: implications for postprandial substrate use. British Journal of Nutrition, 2009, 102, 1408-1413.	1.2	42
791	The Recovery Phase Following a Triple Iron Triathlon. Journal of Human Kinetics, 2009, 21, 65-74.	0.7	17
792	A single bout of whole-body resistance exercise augments basal VLDL-triacylglycerol removal from plasma in healthy untrained men. Clinical Science, 2009, 116, 147-156.	1.8	36
793	Muscle acylcarnitines during short-term fasting in lean healthy men. Clinical Science, 2009, 116, 585-592.	1.8	64
794	Duathlon Performance Unaltered by Short-Term Changes in Dietary Fat and Carbohydrates. International Journal of Sport Nutrition and Exercise Metabolism, 2009, 19, 47-60.	1.0	2
795	The Effects of Lowâ€“ and Highâ€“Glycemic Index Meals on Time Trial Performance. International Journal of Sports Physiology and Performance, 2009, 4, 331-344.	1.1	23
796	Acute Effects of Accumulating Exercise on Postprandial Lipemia and C-Reactive Protein Concentrations in Young Men. International Journal of Sport Nutrition and Exercise Metabolism, 2009, 19, 569-582.	1.0	15
797	Added Protein Maintains Efficacy of a Low-Carbohydrate Sports Drink. Journal of Strength and Conditioning Research, 2010, 24, 48-59.	1.0	31
798	Substrate metabolism, appetite and feeding behaviour under low and high energy turnover conditions in overweight women. British Journal of Nutrition, 2010, 104, 1249-1259.	1.2	12
799	Sex differences in lipid and glucose kinetics after ingestion of an acute oral fructose load. British Journal of Nutrition, 2010, 104, 1139-1147.	1.2	60
800	Relationship of Spasticity to Soft Tissue Body Composition and the Metabolic Profile in Persons With Chronic Motor Complete Spinal Cord Injury. Journal of Spinal Cord Medicine, 2010, 33, 6-15.	0.7	81
801	Influence of Brisk Walking on Appetite, Energy Intake, and Plasma Acylated Ghrelin. Medicine and Science in Sports and Exercise, 2010, 42, 485-492.	0.2	83

#	Article	IF	Citations
802	Comparison of Energy Expenditure on a Treadmill vs. an Elliptical Device at a Self-Selected Exercise Intensity. Journal of Strength and Conditioning Research, 2010, 24, 1643-1649.	1.0	14
803	The Effect of a Low Carbohydrate Beverage with Added Protein on Cycling Endurance Performance in Trained Athletes. Journal of Strength and Conditioning Research, 2010, 24, 2577-2586.	1.0	22
804	The use of statins potentiates the insulin-sensitizing effect of exercise training in obese males with and without TypeÂ2 diabetes. Clinical Science, 2010, 119, 293-301.	1.8	32
805	Higher Fat Oxidation in Running Than Cycling at the Same Exercise Intensities. International Journal of Sport Nutrition and Exercise Metabolism, 2010, 20, 44-55.	1.0	43
806	Energy Expenditure and Perceived Effort During Brisk Walking and Running in 8- to 10-Year-Old Children. Pediatric Exercise Science, 2010, 22, 569-580.	0.5	3
807	Fat oxidation rate during and after a low- or high-intensity exercise in severely obese Caucasian adolescents. European Journal of Applied Physiology, 2010, 108, 383-391.	1.2	25
808	Plasma triglyceride concentrations are rapidly reduced following individual bouts of endurance exercise in women. European Journal of Applied Physiology, 2010, 109, 721-730.	1.2	23
809	Differences in whole-body fat oxidation kinetics between cycling and running. European Journal of Applied Physiology, 2010, 109, 1037-1045.	1.2	38
810	Group- and individual-level coincidence of the â€˜Fatmaxâ€™ and lactate accumulation in adolescents. European Journal of Applied Physiology, 2010, 109, 1145-1153.	1.2	18
811	Effects of branched amino acids supplementation in malnourished elderly with catabolic status. Journal of Nutrition, Health and Aging, 2010, 14, 579-584.	1.5	10
812	Mechanical ventilation mode (volume Ã— pressure) does not change the variables obtained by indirect calorimetry in critically ill patients. Journal of Critical Care, 2010, 25, 659.e9-659.e16.	1.0	17
813	Effect of the glycaemic index of a pre-exercise meal on metabolism and cycling time trial performance. Journal of Science and Medicine in Sport, 2010, 13, 182-188.	0.6	48
814	Insulin sensitivity, metabolic flexibility, and serum adiponectin concentration in women with anorexia nervosa. Metabolism: Clinical and Experimental, 2010, 59, 473-477.	1.5	32
815	Effect of 2 weeks of sprint interval training on health-related outcomes in sedentary overweight/obese men. Metabolism: Clinical and Experimental, 2010, 59, 1421-1428.	1.5	299
816	Extended metabolic evaluation of suspected symptomatic hypoglycemia: the prolonged fast and beyond. Metabolism: Clinical and Experimental, 2010, 59, 1543-1550.	1.5	1
817	Multiple transportable carbohydrates enhance gastric emptying and fluid delivery. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 112-121.	1.3	159
818	Metabolic responses to submaximal treadmill walking and cycle ergometer pedalling in obese adolescents. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 630-637.	1.3	22
819	Obesityâ€related Polymorphisms and Their Associations With the Ability to Regulate Fat Oxidation in Obese Europeans: The NUGENOB Study. Obesity, 2010, 18, 1369-1377.	1.5	52

#	Article	IF	Citations
820	Effects of Adiposity and 30 Days of Caloric Restriction Upon Protein Metabolism in Moderately vs. Severely Obese Women. Obesity, 2010, 18, 1135-1142.	1.5	14
821	Long-term changes in gut hormones, appetite and food intake 1 year after subtotal gastrectomy with normal body weight. European Journal of Clinical Nutrition, 2010, 64, 826-831.	1.3	27
822	Peripheral neuropeptide Y Y1 receptors regulate lipid oxidation and fat accretion. International Journal of Obesity, 2010, 34, 357-373.	1.6	65
823	Fat oxidation at rest predicts peak fat oxidation during exercise and metabolic phenotype in overweight men. International Journal of Obesity, 2010, 34, 871-877.	1.6	59
824	Training in hypoxia fails to further enhance endurance performance and lactate clearance in wellâ€trained men and impairs glucose metabolism during prolonged exercise. Experimental Physiology, 2010, 95, 315-330.	0.9	28
825	Combination peroxisome proliferatorâ€activated receptor Î³ and Î± agonist treatment in Type 2 diabetes prevents the beneficial pioglitazone effect on liver fat content. Diabetic Medicine, 2010, 27, 150-156.	1.2	7
826	Increased Postprandial Nonesterified Fatty Acid Appearance and Oxidation in Type 2 Diabetes Is Not Fully Established in Offspring of Diabetic Subjects. PLoS ONE, 2010, 5, e10956.	1.1	37
827	Fructose and glucose co-ingestion during prolonged exercise increases lactate and glucose fluxes and oxidation compared with an equimolar intake of glucose. American Journal of Clinical Nutrition, 2010, 92, 1071-1079.	2.2	69
828	Y2 and Y4 receptor signaling synergistically act on energy expenditure and physical activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1618-R1628.	0.9	23
829	The T-Allele of TCF7L2 rs7903146 Associates With a Reduced Compensation of Insulin Secretion for Insulin Resistance Induced by 9 Days of Bed Rest. Diabetes, 2010, 59, 836-843.	0.3	34
830	Insulin Resistance, a Link between Maternal Overweight and Fetal Macrosomia in Nondiabetic Pregnancies. Hormone Research in Paediatrics, 2010, 74, 267-274.	0.8	32
831	TCF7L2 rs7903146â€“macronutrient interaction in obese individualsâ€™ responses to a 10-wk randomized hypoenergetic diet. American Journal of Clinical Nutrition, 2010, 91, 472-479.	2.2	62
832	Blood glucose responses to reductions in pre-exercise rapid-acting insulin for 24Âh after running in individuals with type 1 diabetes. Journal of Sports Sciences, 2010, 28, 781-788.	1.0	41
833	Declining Â-Cell Function Relative to Insulin Sensitivity With Increasing Fasting Glucose Levels in the Nondiabetic Range in Children. Diabetes Care, 2010, 33, 2024-2030.	4.3	56
834	Neuronal Inactivation of Peroxisome Proliferator-activated Receptor Î³ Coactivator 1Î± (PGC-1Î±) Protects Mice from Diet-induced Obesity and Leads to Degenerative Lesions. Journal of Biological Chemistry, 2010, 285, 39087-39095.	1.6	64
835	Increased rate of whole body lipolysis before and after 9 days of bed rest in healthy young men born with low birth weight. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E555-E564.	1.8	41
836	Insulin sensitivity and body composition in cirrhosis: changes after TIPS. American Journal of Physiology - Renal Physiology, 2010, 299, G486-G493.	1.6	17
837	Predicting metabolic adaptation, body weight change, and energy intake in humans. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E449-E466.	1.8	153

#	Article	IF	Citations
838	Prolonged Fasting Identifies Skeletal Muscle Mitochondrial Dysfunction as Consequence Rather Than Cause of Human Insulin Resistance. Diabetes, 2010, 59, 2117-2125.	0.3	131
839	Cytokines and Metabolic Patterns in Pediatric Patients with Critical Illness. Clinical and Developmental Immunology, 2010, 2010, 1-11.	3.3	98
840	Energy Expenditure Does not Differ, but Protein Oxidation Rates Appear Lower in Meals Containing Predominantly Meat versus Soy Sources of Protein. Obesity Facts, 2010, 3, 2-2.	1.6	18
841	Determinants of Exercise-induced Fat Oxidation in Obese Women and Men. Hormone and Metabolic Research, 2010, 42, 215-221.	0.7	30
842	The Immune Signaling Molecule 4-1BB Stimulation Reduces Adiposity, Insulin Resistance, and Hepatosteatosis in Obese Mice. Endocrinology, 2010, 151, 4725-4735.	1.4	17
843	Twelve weeks of endurance training increases FFA mobilization and reesterification in postmenopausal women. Journal of Applied Physiology, 2010, 109, 1573-1581.	1.2	19
844	Effect of drink temperature on core temperature and endurance cycling performance in warm, humid conditions. Journal of Sports Sciences, 2010, 28, 1147-1156.	1.0	41
845	Twelve weeks of moderate aerobic exercise without dietary intervention or weight loss does not affect 24-h energy expenditure in lean and obese adolescents. American Journal of Clinical Nutrition, 2010, 91, 589-596.	2.2	10
846	Energy deficit after exercise augments lipid mobilization but does not contribute to the exercise-induced increase in insulin sensitivity. Journal of Applied Physiology, 2010, 108, 554-560.	1.2	52
847	Influence of prolonged treadmill running on appetite, energy intake and circulating concentrations of acylated ghrelin. Appetite, 2010, 54, 492-498.	1.8	129
848	Effects of fat adaptation on glucose kinetics and substrate oxidation during lowâ€intensity exercise. Equine Veterinary Journal, 2002, 34, 33-38.	0.9	34
849	Restoration of Muscle Mitochondrial Function and Metabolic Flexibility in Type 2 Diabetes by Exercise Training Is Paralleled by Increased Myocellular Fat Storage and Improved Insulin Sensitivity. Diabetes, 2010, 59, 572-579.	0.3	274
850	Aerobic fitness determines whole-body fat oxidation rate during exercise in the heat. Applied Physiology, Nutrition and Metabolism, 2010, 35, 741-748.	0.9	10
851	Effect of glycemic index and fructose content in lunch on substrate utilization during subsequent brisk walking. Applied Physiology, Nutrition and Metabolism, 2011, 36, 985-995.	0.9	5
852	Intragastric administration of allyl isothiocyanate increases carbohydrate oxidation via TRPV1 but not TRPA1 in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1494-R1505.	0.9	27
853	Effects of low- and high-intensity exercise training on body composition and substrate metabolism in obese adolescents. Journal of Endocrinological Investigation, 2011, 34, 45-52.	1.8	40
854	Changes in resting and walking energy expenditure and walking speed during pregnancy in obese women. American Journal of Clinical Nutrition, 2011, 94, 819-830.	2.2	26
855	Fatmax in children and adolescents: A review. European Journal of Sport Science, 2011, 11, 1-18.	1.4	11

#	Article	IF	Citations
856	Accumulating short bouts of running reduces resting blood pressure in young normotensive/pre-hypertensive men. Journal of Sports Sciences, 2011, 29, 1473-1482.	1.0	15
857	Substrate oxidation in overweight boys at rest, during exercise and acute post-exercise recovery. Pediatric Obesity, 2011, 6, e615-e621.	3.2	7
858	Gender differences in whole-body fat oxidation kinetics during exercise. Applied Physiology, Nutrition and Metabolism, 2011, 36, 88-95.	0.9	43
859	A new indirect calorimeter is accurate and reliable for measuring basal energy expenditure, thermic effect of food and substrate oxidation in obese and healthy subjects. European E-journal of Clinical Nutrition and Metabolism, 2011, 6, e7-e15.	0.4	48
860	Calorie Restriction-like Effects of 30 Days of Resveratrol Supplementation on Energy Metabolism and Metabolic Profile in Obese Humans. Cell Metabolism, 2011, 14, 612-622.	7.2	1,072
861	Capsiate, a non-pungent capsaicin analog, reduces body fat without weight rebound like swimming exercise in mice. Biomedical Research, 2011, 32, 279-284.	0.3	16
862	Effects of Mixed Isoenergetic Meals on Fat and Carbohydrate Metabolism during Exercise in Older Men. Journal of Nutrition and Metabolism, 2011, 2011, 1-6.	0.7	0
863	The Role of Skeletal Muscle Glycogen Breakdown for Regulation of Insulin Sensitivity by Exercise. Frontiers in Physiology, 2011, 2, 112.	1.3	266
864	Submaximal exercise intensities do not provoke variations in plasma magnesium concentration in well-trained euhydrated endurance athletes with no magnesium deficiency. Magnesium Research, 2011, 24, 36-44.	0.4	7
865	A Low Carbohydrateâ€“Protein Supplement Improves Endurance Performance in Female Athletes. Journal of Strength and Conditioning Research, 2011, 25, 879-888.	1.0	16
866	Postexercise Carbohydrateâ€“Protein Supplementation Improves Subsequent Exercise Performance and Intracellular Signaling for Protein Synthesis. Journal of Strength and Conditioning Research, 2011, 25, 1210-1224.	1.0	71
867	Gender-Based Differences in Substrate Use During Exercise at a Self-Selected Pace. Journal of Strength and Conditioning Research, 2011, 25, 2544-2551.	1.0	35
868	Isomaltulose Improves Postexercise Glycemia by Reducing CHO Oxidation in T1DM. Medicine and Science in Sports and Exercise, 2011, 43, 204-210.	0.2	31
869	Sun-Dried Raisins are a Cost-Effective Alternative to Sports Jelly Beans in Prolonged Cycling. Journal of Strength and Conditioning Research, 2011, 25, 3150-3156.	1.0	13
870	Exercise Protocols to Estimate Fatmax and Maximal Fat Oxidation in Children. Pediatric Exercise Science, 2011, 23, 122-135.	0.5	12
871	The Interaction of Obesity and Puberty on Substrate Utilization During Exercise: A Gender Comparison. Pediatric Exercise Science, 2011, 23, 411-431.	0.5	11
872	One-hour plasma glucose concentration during the OGTT: what does it tell about Î²-cell function relative to insulin sensitivity in overweight/obese children?. Pediatric Diabetes, 2011, 12, no-no.	1.2	33
873	Normalisation of insulinâ€like growth factorâ€I does not improve insulin action in cirrhosis. Liver International, 2011, 31, 1511-1518.	1.9	1

#	Article	IF	Citations
874	Peripheralâ€Specific Y2 Receptor Knockdown Protects Mice From Highâ€Fat Dietâ€Induced Obesity. Obesity, 2011, 19, 2137-2148.	1.5	55
875	Normal mitochondrial function and increased fat oxidation capacity in leg and arm muscles in obese humans. International Journal of Obesity, 2011, 35, 99-108.	1.6	81
876	Metabolic sequelae of Î²-blocker therapy: weighing in on the obesity epidemic?. International Journal of Obesity, 2011, 35, 1395-1403.	1.6	52
877	Fuel oxidation at the walk-to-run-transition in humans. Metabolism: Clinical and Experimental, 2011, 60, 609-616.	1.5	21
878	High fatty acid availability after exercise alters the regulation of muscle lipid metabolism. Metabolism: Clinical and Experimental, 2011, 60, 852-859.	1.5	30
879	Short-term increase of plasma free fatty acids does not interfere with intrinsic mitochondrial function in healthy young men. Metabolism: Clinical and Experimental, 2011, 60, 1398-1405.	1.5	14
880	No effect of menstrual cycle phase on fuel oxidation during exercise in rowers. European Journal of Applied Physiology, 2011, 111, 1027-1034.	1.2	33
881	Salivary estradiol, interleukin-6 production, and the relationship to substrate metabolism during exercise in females. European Journal of Applied Physiology, 2011, 111, 1649-1658.	1.2	28
882	Oxygen uptake and ratings of perceived exertion at the lactate threshold and maximal fat oxidation rate in untrained adults. European Journal of Applied Physiology, 2011, 111, 2063-2068.	1.2	26
883	Effect of a 2-h hyperglycemicâ€“hyperinsulinemic glucose clamp to promote glucose storage on endurance exercise performance. European Journal of Applied Physiology, 2011, 111, 2105-2114.	1.2	3
884	Increased mitochondrial substrate sensitivity in skeletal muscle of patients with type 2 diabetes. Diabetologia, 2011, 54, 1427-1436.	2.9	64
885	Hepatic steatosis does not cause insulin resistance in people with familial hypobetalipoproteinaemia. Diabetologia, 2011, 54, 2113-2121.	2.9	60
886	Low-dose glucocorticoid treatment affects multiple aspects of intermediary metabolism in healthy humans: a randomised controlled trial. Diabetologia, 2011, 54, 2103-2112.	2.9	87
887	Plasma trace elements levels are not altered by submaximal exercise intensities in well-trained endurance euhydrated athletes. Journal of Trace Elements in Medicine and Biology, 2011, 25, S54-S58.	1.5	16
888	Short-Term Carbohydrate-Restricted Diet for Weight Loss in Severely Obese Women. Obesity Surgery, 2011, 21, 1194-1202.	1.1	14
889	Metabolic responses to high glycemic index and low glycemic index meals: a controlled crossover clinical trial. Nutrition Journal, 2011, 10, 1.	1.5	189
890	AMPKÎ±2 deficiency uncovers time dependency in the regulation of contraction-induced palmitate and glucose uptake in mouse muscle. Journal of Applied Physiology, 2011, 111, 125-134.	1.2	23
891	Differential Nongenetic Impact of Birth Weight Versus Third-Trimester Growth Velocity on Glucose Metabolism and Magnetic Resonance Imaging Abdominal Obesity in Young Healthy Twins. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2835-2843.	1.8	22

#	Article	IF	Citations
892	Disassociation of Liver and Muscle Insulin Resistance from Ectopic Lipid Accumulation in Low-Birth-Weight Individuals. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3873-3880.	1.8	12
893	Progressive Hyperglycemia across the Glucose Tolerance Continuum in Older Obese Adults Is Related to Skeletal Muscle Capillarization and Nitric Oxide Bioavailability. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1377-1384.	1.8	54
894	Three Weeks on a High-Fat Diet Increases Intrahepatic Lipid Accumulation and Decreases Metabolic Flexibility in Healthy Overweight Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E691-E695.	1.8	98
895	The Effects of Pre-Exercise Glycemic Index Food on Running Capacity. International Journal of Sports Medicine, 2011, 32, 666-671.	0.8	13
896	Maximal Fat Oxidation Rate andCross-OverPoint with Respect to Lactate Thresholds do not Have Good Agreement. International Journal of Sports Medicine, 2011, 32, 379-385.	0.8	9
897	A combined insulin reduction and carbohydrate feeding strategy 30Âmin before running best preserves blood glucose concentration after exercise through improved fuel oxidation in type 1 diabetes mellitus. Journal of Sports Sciences, 2011, 29, 279-289.	1.0	59
898	Increased VLDL-Triglyceride Secretion Precedes Impaired Control of Endogenous Glucose Production in Obese, Normoglycemic Men. Diabetes, 2011, 60, 2257-2264.	0.3	37
899	Basal and Insulin Mediated VLDL-Triglyceride Kinetics in Type 2 Diabetic Men. Diabetes, 2011, 60, 88-96.	0.3	48
900	Stimulation of Human Whole-Body Energy Expenditure by Salsalate Is Fueled by Higher Lipid Oxidation under Fasting Conditions and by Higher Oxidative Glucose Disposal under Insulin-Stimulated Conditions. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1415-1423.	1.8	22
901	Skeletal Muscle Metabolic Gene Expression Is Not Affected by Dichloroacetate-Mediated Modulation of Substrate Utilisation. Annals of Nutrition and Metabolism, 2011, 58, 19-24.	1.0	2
902	Pleiotropic Effects of GIP on Islet Function Involve Osteopontin. Diabetes, 2011, 60, 2424-2433.	0.3	83
903	Long-term DHEA substitution in female adrenocortical failure, body composition, muscle function, and bone metabolism: a randomized trial. European Journal of Endocrinology, 2011, 165, 293-300.	1.9	23
904	Effect of Astaxanthin on Cycling Time Trial Performance. International Journal of Sports Medicine, 2011, 32, 882-888.	0.8	51
905	Nonoxidative Free Fatty Acid Disposal Is Greater in Young Women than Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 541-547.	1.8	44
906	Metabolic pathways promoting intrahepatic fatty acid accumulation in methionine and choline deficiency: implications for the pathogenesis of steatohepatitis. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E402-E409.	1.8	21
907	Energy Homeostasis and Body Weight before and after Cessation of Block and Replacement Therapy in Euthyroid Patients with Graves' Disease. International Journal of Endocrinology, 2011, 2011, 1-7.	0.6	5
908	High muscle lipid content in obesity is not due to enhanced activation of key triglyceride esterification enzymes or the suppression of lipolytic proteins. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E699-E707.	1.8	24
909	Phase of Oral Contraceptive Cycle and Endurance Capacity of Rowers. Perceptual and Motor Skills, 2011, 113, 764-772.	0.6	7

#	Article	IF	Citations
910	Effects of GI Meals on Intermittent Exercise. International Journal of Sports Medicine, 2012, 33, 756-762.	0.8	13
911	Do mice bred selectively for high locomotor activity have a greater reliance on lipids to power submaximal aerobic exercise?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R101-R111.	0.9	18
912	A 7-d Exercise Program Increases Highâ€“Molecular Weight Adiponectin in Obese Adults. Medicine and Science in Sports and Exercise, 2012, 44, 69-74.	0.2	40
913	Glucose oxidation and nonoxidative glucose disposal during prolonged fasts of the northern elephant seal pup (Mirounga angustirostris). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R562-R570.	0.9	29
914	Effects of moderate exercise on VLDL₁and Intralipid kinetics in overweight/obese middle-aged men. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E349-E355.	1.8	20
915	Acute Effect of Fatmax Exercise on the Metabolism in Overweight and Nonoverweight Girls. Medicine and Science in Sports and Exercise, 2012, 44, 1698-1705.	0.2	13
916	Consumption of fructose-sweetened beverages for 10 weeks reduces net fat oxidation and energy expenditure in overweight/obese men and women. European Journal of Clinical Nutrition, 2012, 66, 201-208.	1.3	112
917	Regulatory changes contribute to the adaptive enhancement of thermogenic capacity in high-altitude deer mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8635-8640.	3.3	159
918	Metabolomic Profiling of Fatty Acid and Amino Acid Metabolism in Youth With Obesity and Type 2 Diabetes. Diabetes Care, 2012, 35, 605-611.	4.3	215
919	The Role of FOXO and PPAR Transcription Factors in Diet-Mediated Inhibition of PDC Activation and Carbohydrate Oxidation During Exercise in Humans and the Role of Pharmacological Activation of PDC in Overriding These Changes. Diabetes, 2012, 61, 1017-1024.	0.3	53
920	Reduced glycaemic and insulinaemic responses following trehalose and isomaltulose ingestion: implications for postprandial substrate use in impaired glucose-tolerant subjects. British Journal of Nutrition, 2012, 108, 1210-1217.	1.2	59
921	Comparison of Substrate Oxidation during Walking and Running in Normal-Weight and Overweight/Obese Men. Obesity Facts, 2012, 5, 327-338.	1.6	10
922	Estradiol acutely inhibits whole body lipid oxidation and attenuates lipolysis in subcutaneous adipose tissue: a randomized, placebo-controlled study in postmenopausal women. European Journal of Endocrinology, 2012, 167, 543-551.	1.9	34
923	Chronic Sympathetic Attenuation and Energy Metabolism in Autonomic Failure. Hypertension, 2012, 59, 985-990.	1.3	4
924	Increased Serum Concentrations of Persistent Organic Pollutants among Prediabetic Individuals: Potential Role of Altered Substrate Oxidation Patterns. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1705-E1713.	1.8	29
925	Features of Hepatic and Skeletal Muscle Insulin Resistance Unique to Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1663-1672.	1.8	76
926	Influence of rest and exercise at a simulated altitude of 4,000 m on appetite, energy intake, and plasma concentrations of acylated ghrelin and peptide YY. Journal of Applied Physiology, 2012, 112, 552-559.	1.2	67
927	The Triglyceride Content in Skeletal Muscle Is Associated with Hepatic But Not Peripheral Insulin Resistance in Elderly Twins. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4571-4577.	1.8	13

#	Article	IF	Citations
928	Effect of breakfast glycemic index on metabolic responses during rest and exercise in overweight and non-overweight adolescent girls. European Journal of Clinical Nutrition, 2012, 66, 436-442.	1.3	18
929	Effects of brief perturbations in energy balance on indices of glucose homeostasis in healthy lean men. International Journal of Obesity, 2012, 36, 1094-1101.	1.6	39
930	High Oxidative Capacity Due to Chronic Exercise Training Attenuates Lipid-Induced Insulin Resistance. Diabetes, 2012, 61, 2472-2478.	0.3	71
931	Extending food deprivation reverses the short-term lipolytic response to fasting: role of the triacylglycerol/fatty acid cycle. Journal of Experimental Biology, 2012, 215, 1484-1490.	0.8	10
932	Continuous versus accumulated brisk walking in children aged 8â€“11 years. European Journal of Sport Science, 2012, 12, 89-95.	1.4	7
933	Exercise Training with Weight Loss and either a High- or Low-Glycemic Index Diet Reduces Metabolic Syndrome Severity in Older Adults. Annals of Nutrition and Metabolism, 2012, 61, 135-141.	1.0	41
934	A history of cranial radiotherapy is associated with a higher visceral to subcutaneous fat ratio in men with pituitary insufficiency. European Journal of Endocrinology, 2012, 166, 619-624.	1.9	3
935	Methazolamide Is a New Hepatic Insulin Sensitizer That Lowers Blood Glucose In Vivo. Diabetes, 2012, 61, 2146-2154.	0.3	31
936	Bioenergetics and Neuromuscular Determinants of the Time to Exhaustion at Velocity Corresponding to V[Combining Dot Above]O2max in Recreational Long-Distance Runners. Journal of Strength and Conditioning Research, 2012, 26, 2096-2102.	1.0	15
937	Adding sprints to continuous exercise at the intensity that maximises fat oxidation: Implications for acute energy balance and enjoyment. Metabolism: Clinical and Experimental, 2012, 61, 1280-1288.	1.5	42
938	Role of Skeletal Muscle Mitochondrial Density on Exerciseâ€Stimulated Lipid Oxidation. Obesity, 2012, 20, 1387-1393.	1.5	20
939	Impaired Insulinâ€Mediated Antilipolysis and Lactate Release in Adipose Tissue of Upperâ€Body Obese Women. Obesity, 2012, 20, 57-64.	1.5	14
940	Central role and mechanisms of Î²â€cell dysfunction and death in friedreich ataxiaâ€“associated diabetes. Annals of Neurology, 2012, 72, 971-982.	2.8	84
941	Cancer cachexia and anabolic interventions: a case report. Journal of Cachexia, Sarcopenia and Muscle, 2012, 3, 253-263.	2.9	31
942	The ingestion of combined carbohydrates does not alter metabolic responses or performance capacity during soccer-specific exercise in the heat compared to ingestion of a single carbohydrate. Journal of Sports Sciences, 2012, 30, 699-708.	1.0	8
943	Appetite, energy intake and resting metabolic responses to 60min treadmill running performed in a fasted versus a postprandial state. Appetite, 2012, 58, 946-954.	1.8	43
944	Dose response effects of a caffeine-containing energy drink on muscle performance: a repeated measures design. Journal of the International Society of Sports Nutrition, 2012, 9, 21.	1.7	103
945	CHAPTER 3. Whole Body Glucose Metabolism. Food and Nutritional Components in Focus, 2012, , 30-47.	0.1	0

#	Article	IF	Citations
946	Born with low birth weight in rural Southern India: what are the metabolic consequences 20 years later?. European Journal of Endocrinology, 2012, 166, 647-655.	1.9	45
947	The impact of calcineurin inhibitors on insulin sensitivity and insulin secretion: a randomized crossover trial in uraemic patients. Diabetic Medicine, 2012, 29, e440-4.	1.2	15
948	Whey Protein Supplementation Does Not Affect Exercise Trainingâ€“Induced Changes in Body Composition and Indices of Metabolic Syndrome in Middle-Aged Overweight and Obese Adults. Journal of Nutrition, 2012, 142, 1532-1539.	1.3	35
949	Effects of supervised exercise training at the intensity of maximal fat oxidation in overweight young women. Journal of Exercise Science and Fitness, 2012, 10, 64-69.	0.8	16
950	Effects of 2 different prior endurance exercises on whole-body fat oxidation kinetics: light vs. heavy exercise. Applied Physiology, Nutrition and Metabolism, 2012, 37, 955-964.	0.9	8
951	The effect of a very low calorie diet on insulin sensitivity, beta cell function, insulin clearance, incretin hormone secretion, androgen levels and body composition in obese young women. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 410-419.	0.6	42
952	Adult-onset PYY overexpression in mice reduces food intake and increases lipogenic capacity. Neuropeptides, 2012, 46, 173-182.	0.9	23
953	Influence of dietary supplementation withl-carnitine on metabolic rate, fatty acid oxidation, body condition, and weight loss in overweight cats. American Journal of Veterinary Research, 2012, 73, 1002-1015.	0.3	30
954	Advances in Mitochondrial Medicine. Advances in Experimental Medicine and Biology, 2012, , .	0.8	17
955	Effects of Male Hypogonadism on Regional Adipose Tissue Fatty Acid Storage and Lipogenic Proteins. PLoS ONE, 2012, 7, e31473.	1.1	30
956	Y1 and Y5 Receptors Are Both Required for the Regulation of Food Intake and Energy Homeostasis in Mice. PLoS ONE, 2012, 7, e40191.	1.1	74
958	Gender Differences in VLDL₁and VLDL₂Triglyceride Kinetics and Fatty Acid Kinetics in Obese Postmenopausal Women and Obese Men. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2475-2481.	1.8	15
959	Hyperglycaemia normalises insulin action on glucose metabolism but not the impaired activation of AKT and glycogen synthase in the skeletal muscle of patients with type 2 diabetes. Diabetologia, 2012, 55, 1435-1445.	2.9	38
960	Substrate utilization during brisk walking is affected by glycemic index and fructose content of a pre-exercise meal. European Journal of Applied Physiology, 2012, 112, 2565-2574.	1.2	9
961	Does exercise duration affect Fatmax in overweight boys?. European Journal of Applied Physiology, 2012, 112, 2557-2564.	1.2	14
962	Effects of dietary protein on lipid metabolism in high fructose fed humans. Clinical Nutrition, 2012, 31, 238-245.	2.3	16
963	A standard blood bank donation alters the thermal and cardiovascular responses during subsequent exercise. Transfusion, 2012, 52, 2339-2347.	0.8	13
964	Calcineurin inhibitors acutely improve insulin sensitivity without affecting insulin secretion in healthy human volunteers. British Journal of Clinical Pharmacology, 2012, 73, 536-545.	1.1	42

#	Article	IF	Citations
965	Impact of the <scp>FTO</scp> gene variation on fat oxidation and its potential influence on body weight in women with polycystic ovary syndrome. Clinical Endocrinology, 2012, 77, 120-125.	1.2	22
966	NPY modulates PYY function in the regulation of energy balance and glucose homeostasis. Diabetes, Obesity and Metabolism, 2012, 14, 727-736.	2.2	29
967	Testosterone therapy increased muscle mass and lipid oxidation in aging men. Age, 2012, 34, 145-156.	3.0	64
968	Effect of energy expenditure on postprandial triacylglycerol in adolescent boys. European Journal of Applied Physiology, 2012, 112, 23-31.	1.2	21
969	Comparison of fat oxidation over a range of intensities during treadmill and cycling exercise in children. European Journal of Applied Physiology, 2012, 112, 163-171.	1.2	17
970	Adaptive metabolic response to 4Âweeks of sugar-sweetened beverage consumption in healthy, lightly active individuals and chronic high glucose availability in primary human myotubes. European Journal of Nutrition, 2013, 52, 937-948.	1.8	12
971	Metabolic Responses During Postprandial Exercise. Research in Sports Medicine, 2013, 21, 240-252.	0.7	7
972	Fermented milk improves glucose metabolism in exercise-induced muscle damage in young healthy men. Nutrition Journal, 2013, 12, 83.	1.5	35
973	A low-glycemic diet lifestyle intervention improves fat utilization during exercise in older obese humans. Obesity, 2013, 21, 2272-2278.	1.5	26
974	Mechanisms Underlying the Onset of Oral Lipidâ€“Induced Skeletal Muscle Insulin Resistance in Humans. Diabetes, 2013, 62, 2240-2248.	0.3	102
975	Appetite, gut hormone and energy intake responses to low volume sprint interval and traditional endurance exercise. European Journal of Applied Physiology, 2013, 113, 1147-1156.	1.2	125
976	Normal rates of wholeâ€body fat oxidation and gluconeogenesis after overnight fasting and moderateâ€intensity exercise in patients with mediumâ€chain acylâ€CoA dehydrogenase deficiency. Journal of Inherited Metabolic Disease, 2013, 36, 831-840.	1.7	7
977	Effect of the glycemic index of pre-exercise snack bars on substrate utilization during subsequent exercise. International Journal of Food Sciences and Nutrition, 2013, 64, 1001-1006.	1.3	9
978	Circadian and ultradian components of hunger in human non-homeostatic meal-to-meal eating. Physiology and Behavior, 2013, 122, 8-16.	1.0	8
979	Lower dipeptidyl peptidase-4 following exercise training plus weight loss is related to increased insulin sensitivity in adults with metabolic syndrome. Peptides, 2013, 47, 142-147.	1.2	27
980	Polycystic ovary syndrome and nonalcoholic fatty liver in obese adolescents: association with metabolic risk profile. Fertility and Sterility, 2013, 100, 1745-1751.	0.5	29
981	The effect of carrying a portable respiratory gas analysis system on energy expenditure during incremental running. Applied Ergonomics, 2013, 44, 355-359.	1.7	2
982	Insulin sensitivity and metabolic flexibility following exercise training among different obese insulin-resistant phenotypes. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1292-E1298.	1.8	68

#	Article	IF	Citations
983	Effect of interval training intensity on fat oxidation, blood lactate and the rate of perceived exertion in obese men. SpringerPlus, 2013, 2, 532.	1.2	44
984	Measurements of substrate oxidation using 13CO2-breath testing reveals shifts in fuel mix during starvation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 1039-1052.	0.7	27
985	Appetite, energy intake, and PYY_{3â€“36} responses to energy-matched continuous exercise and submaximal high-intensity exercise. Applied Physiology, Nutrition and Metabolism, 2013, 38, 947-952.	0.9	71
986	Effects of an acute bout of aerobic exercise on immediate and subsequent three-day food intake and energy expenditure in active and inactive men. Appetite, 2013, 71, 369-378.	1.8	20
987	Substrate metabolism during basal and hyperinsulinemic conditions in adolescents and youngâ€adults with Barth syndrome. Journal of Inherited Metabolic Disease, 2013, 36, 91-101.	1.7	42
988	Vitamin <scp>D</scp> does not improve the metabolic health of patients with chronic kidney disease stage 3â€“4: A randomized controlled trial. Nephrology, 2013, 18, 26-35.	0.7	25
989	Diet-induced changes in the Lean Brain: Hypercaloric high-fat-high-sugar snacking decreases serotonin transporters in the human hypothalamic region. Molecular Metabolism, 2013, 2, 417-422.	3.0	37
990	Effects of an overnight intravenous lipid infusion on intramyocellular lipid content and insulin sensitivity in Africanâ€American versus Caucasian adolescents. Metabolism: Clinical and Experimental, 2013, 62, 417-423.	1.5	21
991	Whole-body glucose oxidation rate during prolonged exercise in type 1 diabetic patients under usual life conditions. Metabolism: Clinical and Experimental, 2013, 62, 836-844.	1.5	6
992	High versus low glycemic index 3-h recovery diets following glycogen-depleting exercise has no effect on subsequent 5-km cycling time trial performance. Journal of Science and Medicine in Sport, 2013, 16, 450-454.	0.6	14
993	Effects of a hypercaloric diet on Î²â€cell responsivity in lean healthy men. Clinical Endocrinology, 2013, 78, 217-225.	1.2	13
994	Increased blood cholesterol after a high saturated fat diet is prevented by aerobic exercise training. Applied Physiology, Nutrition and Metabolism, 2013, 38, 42-48.	0.9	13
995	Independent and combined effects of acute physiological hyperglycaemia and hyperinsulinaemia on metabolic gene expression in human skeletal muscle. Clinical Science, 2013, 124, 675-686.	1.8	22
996	Slow-Twitch Fiber Proportion in Skeletal Muscle Correlates With Insulin Responsiveness. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2027-2036.	1.8	161
997	Link Between GIP and Osteopontin in Adipose Tissue and Insulin Resistance. Diabetes, 2013, 62, 2088-2094.	0.3	75
998	Coadministration of Glucagon-Like Peptide-1 During Glucagon Infusion in Humans Results in Increased Energy Expenditure and Amelioration of Hyperglycemia. Diabetes, 2013, 62, 1131-1138.	0.3	182
999	Comparative effect of a 1 h session of electrical muscle stimulation and walking activity on energy expenditure and substrate oxidation in obese subjects. Applied Physiology, Nutrition and Metabolism, 2013, 38, 57-65.	0.9	16
1000	Change in postprandial substrate oxidation after a high-fructose meal is related to body mass index in healthy men. Nutrition Research, 2013, 33, 435-441.	1.3	7

#	Article	IF	Citations
1001	Postprandial triglyceride and free fatty acid metabolism in obese women after either endurance or resistance exercise. Journal of Applied Physiology, 2013, 114, 1743-1754.	1.2	46
1002	Exercise counteracts the effects of shortâ€term overfeeding and reduced physical activity independent of energy imbalance in healthy young men. Journal of Physiology, 2013, 591, 6231-6243.	1.3	81
1003	Î²-Cell Lipotoxicity After an Overnight Intravenous Lipid Challenge and Free Fatty Acid Elevation in African American Versus American White Overweight/Obese Adolescents. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2062-2069.	1.8	18
1004	Effect of exercise on postprandial endothelial function in adolescent boys. British Journal of Nutrition, 2013, 110, 301-309.	1.2	18
1005	IL-6 is not essential for exercise-induced increases in glucose uptake. Journal of Applied Physiology, 2013, 114, 1151-1157.	1.2	16
1006	A Single Session of Low-Intensity Exercise Is Sufficient to Enhance Insulin Sensitivity Into the Next Day in Obese Adults. Diabetes Care, 2013, 36, 2516-2522.	4.3	79
1007	Validity of doubly labeled water in obese subjects: questioning the validity of any technique requires an indisputable accuracy of the reference method. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1178-E1180.	1.8	2
1008	Effect of Fat and CHO Meals on Intermittent Exercise in Soccer Players. International Journal of Sports Medicine, 2013, 34, 165-169.	0.8	7
1009	Hyperinsulinemia and skeletal muscle fatty acid trafficking. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E540-E548.	1.8	9
1010	Effect of Two Doses of Interval Training on Maximal Fat Oxidation in Sedentary Women. Medicine and Science in Sports and Exercise, 2013, 45, 1878-1886.	0.2	47
1011	Effects of Low-Dose Prednisolone on Hepatic and Peripheral Insulin Sensitivity, Insulin Secretion, and Abdominal Adiposity in Patients With Inflammatory Rheumatologic Disease. Diabetes Care, 2013, 36, 2822-2829.	4.3	49
1012	Whole-body substrate metabolism is associated with disease severity in patients with non-alcoholic fatty liver disease. Gut, 2013, 62, 1625-1633.	6.1	87
1013	Substituting dietary monounsaturated fat for saturated fat is associated with increased daily physical activity and resting energy expenditure and with changes in mood. American Journal of Clinical Nutrition, 2013, 97, 689-697.	2.2	61
1014	Insulin Responsiveness in Metabolic Syndrome after Eight Weeks of Cycle Training. Medicine and Science in Sports and Exercise, 2013, 45, 2021-2029.	0.2	27
1015	Impaired mitochondrial fatty acid oxidation and insulin resistance in aging: novel protective role of glutathione. Aging Cell, 2013, 12, 415-425.	3.0	78
1016	Feasibility and Efficacy of an Isocaloric High-Protein vs. Standard Diet on Insulin Requirement, Body Weight and Metabolic Parameters in Patients with Type 2 Diabetes on Insulin Therapy. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, 286-294.	0.6	36
1017	Pathogenesis of Aâ^'Î²+ Ketosis-Prone Diabetes. Diabetes, 2013, 62, 912-922.	0.3	53
1018	Skeletal muscle carnitine loading increases energy expenditure, modulates fuel metabolism gene networks and prevents body fat accumulation in humans. Journal of Physiology, 2013, 591, 4655-4666.	1.3	58

#	Article	IF	Citations
1019	Normal vs. highâ€protein weight loss diets in men: Effects on body composition and indices of metabolic syndrome. Obesity, 2013, 21, E204-10.	1.5	51
1020	Lipocalinâ€2 increases fat oxidation in vitro and is correlated with energy expenditure in normal weight but not obese women. Obesity, 2013, 21, E640-8.	1.5	36
1021	Fetuin-A is linked to improved glucose tolerance after short-term exercise training in nonalcoholic fatty liver disease. Journal of Applied Physiology, 2013, 115, 988-994.	1.2	55
1022	Neuropeptide Y is a critical modulator of Leptin's regulation of cortical bone. Journal of Bone and Mineral Research, 2013, 28, 886-898.	3.1	39
1023	Hepatic and peripheral insulin sensitivity do not improve 2 weeks after bariatric surgery. Obesity, 2013, 21, 1143-1147.	1.5	33
1024	Adipocyte Fatty Acid Storage Factors Enhance Subcutaneous Fat Storage in Postmenopausal Women. Diabetes, 2013, 62, 775-782.	0.3	44
1025	The energy demands of portable gas analysis system carriage during walking and running. Ergonomics, 2013, 56, 1901-1907.	1.1	1
1026	Indirect measures of substrate utilisation following exerciseâ€induced muscle damage. European Journal of Sport Science, 2013, 13, 509-517.	1.4	7
1027	Neuropeptide Y mediates the short-term hypometabolic effect of estrogen deficiency in mice. International Journal of Obesity, 2013, 37, 390-398.	1.6	13
1028	The Effect of Sodium Acetate Ingestion on the Metabolic Response to Prolonged Moderate-Intensity Exercise in Humans. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 357-368.	1.0	5
1029	Growth-Hormone Responses to Consecutive Exercise Bouts With Ingestion of Carbohydrate Plus Protein. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 259-270.	1.0	4
1030	Exercise and Coronary Heart Disease Risk Markers in South Asian and European Men. Medicine and Science in Sports and Exercise, 2013, 45, 1261-1268.	0.2	17
1031	Metabolic Dysfunction in Diabetic Offspring. Medicine and Science in Sports and Exercise, 2013, 45, 8-15.	0.2	16
1032	Intragastric Administration of Allyl Isothiocyanate Reduces Hyperglycemia in Intraperitoneal Glucose Tolerance Test (IPGTT) by Enhancing Blood Glucose Consumption in Mice. Journal of Nutritional Science and Vitaminology, 2013, 59, 56-63.	0.2	20
1033	Effects of a Pre-Exercise Meal on Plasma Growth Hormone Response and Fat Oxidation during Walking. Preventive Nutrition and Food Science, 2013, 18, 175-180.	0.7	9
1034	Characteristics of Glucose Metabolism in Nordic and South Asian Subjects with Type 2 Diabetes. PLoS ONE, 2013, 8, e83983.	1.1	17
1035	Fat Oxidation, Hormonal and Plasma Metabolite Kinetics during a Submaximal Incremental Test in Lean and Obese Adults. PLoS ONE, 2014, 9, e88707.	1.1	37
1036	Individual Responses to Completion of Short-Term and Chronic Interval Training: A Retrospective Study. PLoS ONE, 2014, 9, e97638.	1.1	62

#	Article	IF	Citations
1037	The Effect of AcuteRhodiola roseaIngestion on Exercise Heart Rate, Substrate Utilisation, Mood State, and Perceptions of Exertion, Arousal, and Pleasure/Displeasure in Active Men. Hindawi Publishing Corporation, 2014, 2014, 1-8.	2.3	9
1038	Subthalamic nucleus stimulation does not influence basal glucose metabolism or insulin sensitivity in patients with Parkinson's disease. Frontiers in Neuroscience, 2014, 8, 95.	1.4	4
1039	A review of standardized metabolic phenotyping of animal models. Mammalian Genome, 2014, 25, 497-507.	1.0	18
1040	Effects of the once-daily GLP-1 analog liraglutide on gastric emptying, glycemic parameters, appetite and energy metabolism in obese, non-diabetic adults. International Journal of Obesity, 2014, 38, 784-793.	1.6	343
1041	The Effects of Carbohydrate Loading 48 Hours Before a Simulated Squash Match. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 157-165.	1.0	11
1042	Effects of acute glucocorticoid blockade on metabolic dysfunction in patients with Type 2 diabetes with and without fatty liver. American Journal of Physiology - Renal Physiology, 2014, 307, G760-G768.	1.6	24
1043	Effect of a low-starch/low-dairy diet on fat oxidation in overweight and obese women with polycystic ovary syndrome. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1237-1244.	0.9	19
1044	No Effect of Short-Term Green Tea Extract Supplementation on Metabolism at Rest or During Exercise in the Fed State. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 656-664.	1.0	13
1045	Acute Post-Exercise Oxygen Uptake, Hormone and Plasma Metabolite Response in Obese Men. Hormone and Metabolic Research, 2014, 46, 521-527.	0.7	0
1046	The Thermic Effect of Food is Reduced in Older Adults. Hormone and Metabolic Research, 2014, 46, 365-369.	0.7	6
1047	Influence of age on leptin induced skeletal muscle signalling. Acta Physiologica, 2014, 211, 214-228.	1.8	13
1048	High Insulin Combined With Essential Amino Acids Stimulates Skeletal Muscle Mitochondrial Protein Synthesis While Decreasing Insulin Sensitivity in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2574-E2583.	1.8	50
1049	Acute effect of dietary fatty acid composition on postprandial metabolism in women. Experimental Physiology, 2014, 99, 1182-1190.	0.9	30
1050	Effect of inhaled terbutaline on substrate utilization and 300-kcal time trial performance. Journal of Applied Physiology, 2014, 117, 1180-1187.	1.2	24
1051	The influence of 2 weeks of low-volume high-intensity interval training on health outcomes in adolescent boys. Journal of Sports Sciences, 2014, 32, 757-765.	1.0	28
1052	Effect of polydextrose and soluble maize fibre on energy metabolism, metabolic profile and appetite control in overweight men and women. British Journal of Nutrition, 2014, 111, 111-121.	1.2	43
1053	Acute Effect of Intensity Fluctuation on Energy Output and Substrate Utilization. Journal of Strength and Conditioning Research, 2014, 28, 2136-2144.	1.0	1
1054	Effects of Different Dietary Fatty Acids on Human Energy Balance, Body Weight, Fat Mass, and Abdominal Fat. , 2014, , 417-427.		3

#	Article	IF	Citations
1055	Exercise Energy Expenditure and Postprandial Lipemia in Girls. Medicine and Science in Sports and Exercise, 2014, 46, 239-246.	0.2	8
1056	Defective Adipose Lipolysis and Altered Global Energy Metabolism in Mice with Adipose Overexpression of the Lipolytic Inhibitor G0/G1 Switch Gene 2 (G0S2). Journal of Biological Chemistry, 2014, 289, 1905-1916.	1.6	47
1057	Determination of the exercise intensity that elicits maximal fat oxidation in short-time testing. Journal of Sports Sciences, 2014, 32, 175-182.	1.0	22
1058	Resveratrol Does Not Benefit Patients With Nonalcoholic Fatty Liver Disease. Clinical Gastroenterology and Hepatology, 2014, 12, 2092-2103.e6.	2.4	237
1059	Glycaemic index of meals affects appetite sensation but not energy balance in active males. European Journal of Nutrition, 2014, 53, 309-319.	1.8	2
1060	Time-course effects of aerobic interval training and detraining in patients with metabolic syndrome. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 792-798.	1.1	62
1061	Reduction of non-esterified fatty acids improves insulin sensitivity and lowers oxidative stress, but fails to restore oxidative capacity in type 2 diabetes: a randomised clinical trial. Diabetologia, 2014, 57, 572-581.	2.9	51
1062	Hypercaloric diets with increased meal frequency, but not meal size, increase intrahepatic triglycerides: A randomized controlled trial. Hepatology, 2014, 60, 545-553.	3.6	110
1063	Effect of Increasing Glutathione With Cysteine and Glycine Supplementation on Mitochondrial Fuel Oxidation, Insulin Sensitivity, and Body Composition in Older HIV-Infected Patients. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 169-177.	1.8	81
1064	Regular intake of high-oleic peanuts improves fat oxidation and body composition in overweight/obese men pursuing a energy-restricted diet. Obesity, 2014, 22, 1422-1429.	1.5	36
1065	Short-term supplementation with a specific combination of dietary polyphenols increases energy expenditure and alters substrate metabolism in overweight subjects. International Journal of Obesity, 2014, 38, 698-706.	1.6	54
1066	The accumulation of exercise and postprandial endothelial function in boys. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e11-9.	1.3	7
1067	Exercise training decreases activation of the mitochondrial fission protein dynamin-related protein-1 in insulin-resistant human skeletal muscle. Journal of Applied Physiology, 2014, 117, 239-245.	1.2	105
1068	Determinants of sedentary 24-h energy expenditure: equations for energy prescription and adjustment in a respiratory chamber. American Journal of Clinical Nutrition, 2014, 99, 834-842.	2.2	30
1069	Estimates of insulin sensitivity from the intravenous-glucose-modified-clamp test depend on suppression of lipolysis in type 2 diabetes: a randomised controlled trial. Diabetologia, 2014, 57, 2094-2102.	2.9	17
1070	Coinfusion of Low-Dose GLP-1 and Glucagon in Man Results in a Reduction in Food Intake. Diabetes, 2014, 63, 3711-3720.	0.3	119
1071	Dietary intake of palmitate and oleate has broad impact on systemic and tissue lipid profiles in humans. American Journal of Clinical Nutrition, 2014, 99, 436-445.	2.2	77
1072	Caffeine consumption around an exercise bout: effects on energy expenditure, energy intake, and exercise enjoyment. Journal of Applied Physiology, 2014, 117, 745-754.	1.2	36

#	Article	IF	Citations
1073	Exercise-induced lowering of chemerin is associated with reduced cardiometabolic risk and glucose-stimulated insulin secretion in older adults. Journal of Nutrition, Health and Aging, 2014, 18, 608-615.	1.5	23
1074	Acute and Short-term Chronic Testosterone Fluctuation Effects on Glucose Homeostasis, Insulin Sensitivity, and Adiponectin: A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1088-E1096.	1.8	19
1075	Fat oxidation over a range of exercise intensities: fitness versus fatness. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1352-1359.	0.9	22
1076	Patterns of fuel use during locomotion in mammals revisited: the importance of aerobic scope. Journal of Experimental Biology, 2014, 217, 3193-6.	0.8	10
1077	Stress- and diet-induced fat gain is controlled by NPY in catecholaminergic neurons. Molecular Metabolism, 2014, 3, 581-591.	3.0	45
1078	Oxygen and Carbon Dioxide Solubility and Diffusivity in Solid Food Matrices: A Review of Past and Current Knowledge. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 261-286.	5.9	80
1079	Appetite and gut peptide responses to exercise and calorie restriction. The effect of modest energy deficits. Appetite, 2014, 81, 52-59.	1.8	43
1080	Association Between the Metabolome and Low Bone Mineral Density in Taiwanese Women Determined by 1H NMR Spectroscopy. Journal of Bone and Mineral Research, 2014, 29, 212-222.	3.1	69
1081	The Effect of the Timing of Meal Intake on Energy Metabolism during Moderate Exercise. Journal of Nutritional Science and Vitaminology, 2014, 60, 28-34.	0.2	4
1082	Reduction in circulating ghrelin concentration after maturation does not affect food intake. Endocrine Journal, 2014, 61, 1041-1052.	0.7	2
1083	Application of Stable Isotope Tracers in the Study of Exercise Metabolism in Children: A Primer. Pediatric Exercise Science, 2014, 26, 3-10.	0.5	8
1084	Acute nutritional ketosis: implications for exercise performance and metabolism. Extreme Physiology and Medicine, 2014, 3, 17.	2.5	71
1085	Lean and obese dietary phenotypes: differences in energy and substrate metabolism and appetite. British Journal of Nutrition, 2015, 114, 1724-1733.	1.2	11
1086	Skeletal muscle ACC2 S212 phosphorylation is not required for the control of fatty acid oxidation during exercise. Physiological Reports, 2015, 3, e12444.	0.7	16
1087	Acute Effects of Energy Deficit Induced by Moderate-Intensity Exercise or Energy-Intake Restriction on Postprandial Lipemia in Healthy Girls. Pediatric Exercise Science, 2015, 27, 192-202.	0.5	8
1088	Postprandial Metabolic Effects of Accelerometer Measured Spontaneous Low-Level Activity. Journal of Physical Activity and Health, 2015, 12, 1133-1138.	1.0	1
1089	Enhancement of Fat Oxidation by Licorice Flavonoid Oil in Healthy Humans during Light Exercise. Journal of Nutritional Science and Vitaminology, 2015, 61, 406-416.	0.2	5
1090	Shortâ€term HIIT and Fat_{max} training increase aerobic and metabolic fitness in men with class II and III obesity. Obesity, 2015, 23, 1987-1994.	1.5	53

#	Article	IF	Citations
1091	Adipose tissue mitochondrial respiration and lipolysis before and after a weight loss by diet and <scp>RYGB</scp>. Obesity, 2015, 23, 2022-2029.	1.5	40
1092	Maximal Fat Oxidation Rate during Exercise in Korean Women with Type 2 Diabetes Mellitus. Diabetes and Metabolism Journal, 2015, 39, 328.	1.8	12
1093	Feet swelling in a multistage ultraendurance triathlete: a case study. International Journal of General Medicine, 2015, 8, 325.	0.8	6
1094	Carbohydrate Electrolyte Solutions Enhance Endurance Capacity in Active Females. Nutrients, 2015, 7, 3739-3750.	1.7	14
1095	Effect of glycemic index on obesity control. Archives of Endocrinology and Metabolism, 2015, 59, 245-251.	0.3	11
1096	Prolonged Exercise in Type 1 Diabetes: Performance of a Customizable Algorithm to Estimate the Carbohydrate Supplements to Minimize Glycemic Imbalances. PLoS ONE, 2015, 10, e0125220.	1.1	42
1097	Resting energy expenditure adaptation after short-term caloric restriction in morbidly obese women. Revista De Nutricao, 2015, 28, 505-511.	0.4	2
1098	Accumulating exercise and postprandial health in adolescents. Metabolism: Clinical and Experimental, 2015, 64, 1068-1076.	1.5	15
1099	A nutrition and conditioning intervention for natural bodybuilding contest preparation: case study. Journal of the International Society of Sports Nutrition, 2015, 12, 20.	1.7	48
1100	High intensity interval exercise is an effective alternative to moderate intensity exercise for improving glucose tolerance and insulin sensitivity in adolescent boys. Journal of Science and Medicine in Sport, 2015, 18, 720-724.	0.6	48
1101	Ingestion of glucose or sucrose prevents liver but not muscle glycogen depletion during prolonged endurance-type exercise in trained cyclists. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E1032-E1039.	1.8	60
1102	Exercise intensity and postprandial health outcomes in adolescents. European Journal of Applied Physiology, 2015, 115, 927-936.	1.2	21
1103	Glycerol 3-phosphate dehydrogenase 1 deficiency enhances exercise capacity due to increased lipid oxidation during strenuous exercise. Biochemical and Biophysical Research Communications, 2015, 457, 653-658.	1.0	13
1104	Isolated hyperglycaemia does not increase VLDL-triacylglycerol secretion in type 1 diabetic men. Diabetologia, 2015, 58, 355-362.	2.9	2
1105	Independent effects of endurance training and weight loss on peak fat oxidation in moderately overweight men: a randomized controlled trial. Journal of Applied Physiology, 2015, 118, 803-810.	1.2	29
1106	Oral intake of encapsulated dried ginger root powder hardly affects human thermoregulatory function, but appears to facilitate fat utilization. International Journal of Biometeorology, 2015, 59, 1461-1474.	1.3	22
1108	Metabolic response to 36Âhours of fasting in young men born small vs appropriate for gestational age. Diabetologia, 2015, 58, 178-187.	2.9	28
1109	Caffeinated Nitric Oxide-releasing Lozenge Improves Cycling Time Trial Performance. International Journal of Sports Medicine, 2015, 36, 107-112.	0.8	14

#	Article	IF	Citations
1110	Effect of a 1-week, eucaloric, moderately high-fat diet on peripheral insulin sensitivity in healthy premenopausal women. BMJ Open Diabetes Research and Care, 2015, 3, e000100.	1.2	8
1111	Effects of an acute bout of aerobic exercise on immediate and subsequent three-day food intake and energy expenditure in active and inactive pre-menopausal women taking oral contraceptives. Appetite, 2015, 89, 183-191.	1.8	14
1112	Short-term cold acclimation improves insulin sensitivity in patients with type 2 diabetes mellitus. Nature Medicine, 2015, 21, 863-865.	15.2	460
1113	Femoral lipectomy increases postprandial lipemia in women. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E63-E71.	1.8	10
1114	Whole-Body Strength Training Using a Huber Motion Lab in Coronary Heart Disease Patients. American Journal of Physical Medicine and Rehabilitation, 2015, 94, 385-394.	0.7	6
1115	Maximal fat oxidation during exercise is positively associated with 24-hour fat oxidation and insulin sensitivity in young, healthy men. Journal of Applied Physiology, 2015, 118, 1415-1422.	1.2	67
1116	Adipose triglyceride lipase deletion from adipocytes, but not skeletal myocytes, impairs acute exercise performance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E879-E890.	1.8	29
1117	Brainâ€Derived Neurotrophic Factor and Substrate Utilization Following Acute Aerobic Exercise in Obese Individuals. Journal of Neuroendocrinology, 2015, 27, 370-376.	1.2	21
1118	Appetite, appetite hormone and energy intake responses to two consecutive days of aerobic exercise in healthy young men. Appetite, 2015, 92, 57-65.	1.8	34
1119	Metformin and salicylate synergistically activate liver AMPK, inhibit lipogenesis and improve insulin sensitivity. Biochemical Journal, 2015, 468, 125-132.	1.7	132
1120	Adenosine receptors mediate the hypoxic ventilatory response but not the hypoxic metabolic response in the naked mole rat during acute hypoxia. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141722.	1.2	39
1121	Exercise training at the maximal fat oxidation intensity improved health-related physical fitness in overweight middle-aged women. Journal of Exercise Science and Fitness, 2015, 13, 111-116.	0.8	15
1122	Endogenous glucose production increases in response to metformin treatment in the glycogen-depleted state in humans: a randomised trial. Diabetologia, 2015, 58, 2494-2502.	2.9	26
1123	Calorie for Calorie, Dietary Fat Restriction Results in More Body Fat Loss than Carbohydrate Restriction in People with Obesity. Cell Metabolism, 2015, 22, 427-436.	7.2	222
1124	The effect of prior walking on coronary heart disease risk markers in South Asian and European men. European Journal of Applied Physiology, 2015, 115, 2641-2651.	1.2	12
1125	The effect of Katsura-uri (Japanese pickling melon, Cucumis melo var. conomon) and its derived ingredient methylthioacetic acid on energy metabolism during aerobic exercise. SpringerPlus, 2015, 4, 377.	1.2	3
1126	Nutritional-metabolic factors affecting nitrogen balance and substrate utilization in the critically ill. Journal of Pediatric Intensive Care, 2015, 01, 077-086.	0.4	0
1127	Dual effects of fibroblast growth factor 21 on hepatic energy metabolism. Journal of Endocrinology, 2015, 227, 37-47.	1.2	16

#	Article	IF	Citations
1128	Effect of 1-h moderate-intensity aerobic exercise on intramyocellular lipids in obese men before and after a lifestyle intervention. Applied Physiology, Nutrition and Metabolism, 2015, 40, 1262-1268.	0.9	14
1129	Relatively low endogenous fatty acid mobilization and uptake helps preserve insulin sensitivity in obese women. International Journal of Obesity, 2015, 39, 149-155.	1.6	11
1130	Metabolic inflexibility and insulin resistance in obese adolescents with non-alcoholic fatty liver disease. Pediatric Diabetes, 2015, 16, 211-218.	1.2	20
1131	Postprandial triglycerides and adipose tissue storage of dietary fatty acids: Impact of menopause and estradiol. Obesity, 2015, 23, 145-153.	1.5	17
1132	Metabolic responses to dietary fatty acids in obese women. Physiology and Behavior, 2015, 139, 73-79.	1.0	21
1133	Changes in peak fat oxidation in response to different doses of endurance training. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 41-52.	1.3	31
1134	A timeâ€efficient reduction of fat mass in 4 days with exercise and caloric restriction. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 223-233.	1.3	15
1135	Evidence for a Direct Effect of the NAD+ Precursor Acipimox on Muscle Mitochondrial Function in Humans. Diabetes, 2015, 64, 1193-1201.	0.3	99
1136	Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. Journal of Sports Sciences, 2015, 33, 570-578.	1.0	11
1137	Adiponectin and osteocalcin responses to rowing exercise, and the relationship to substrate oxidation in female rowers. Acta Physiologica Hungarica, 2016, 103, 220-230.	0.9	4
1138	The Effect of Casein Protein Prior to Sleep on Fat Metabolism in Obese Men. Nutrients, 2016, 8, 452.	1.7	24
1139	Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies. PLoS ONE, 2016, 11, e0151552.	1.1	13
1140	Intake of Protein Plus Carbohydrate during the First Two Hours after Exhaustive Cycling Improves Performance the following Day. PLoS ONE, 2016, 11, e0153229.	1.1	45
1141	Effect of testosterone on insulin sensitivity, oxidative metabolism and body composition in aging men with type 2 diabetes on metformin monotherapy. Diabetes, Obesity and Metabolism, 2016, 18, 980-989.	2.2	50
1142	Effects of Gut Microbiota Manipulation by Antibiotics on Host Metabolism in Obese Humans: A Randomized Double-Blind Placebo-Controlled Trial. Cell Metabolism, 2016, 24, 63-74.	7.2	278
1143	Androgen receptor gene polymorphism influence fat accumulation: A longitudinal study from adolescence to adult age. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 1313-1320.	1.3	14
1144	Myokine Expression in Muscle and Myotubes in Response to Exercise Stimulation. Medicine and Science in Sports and Exercise, 2016, 48, 384-390.	0.2	26
1145	Muscle Characteristics and Substrate Energetics in Lifelong Endurance Athletes. Medicine and Science in Sports and Exercise, 2016, 48, 472-480.	0.2	29

#	Article	IF	Citations
1146	Aerobic Exercise Training Increases Muscle Water Content in Obese Middle-Age Men. Medicine and Science in Sports and Exercise, 2016, 48, 822-828.	0.2	18
1147	Resting and exercise energy metabolism in weightâ€reduced adults with severe obesity. Obesity, 2016, 24, 1290-1298.	1.5	8
1148	Gluconeogenesis during endurance exercise in cyclists habituated to a longâ€term low carbohydrate highâ€fat diet. Journal of Physiology, 2016, 594, 4389-4405.	1.3	89
1149	Acute pâ€synephrine ingestion increases fat oxidation rate during exercise. British Journal of Clinical Pharmacology, 2016, 82, 362-368.	1.1	37
1150	The thermic response to food intake in persons with thoracic spinal cord injury. Journal of Physical Therapy Science, 2016, 28, 1080-1085.	0.2	4
1151	Mycoprotein reduces energy intake and postprandial insulin release without altering glucagon-like peptide-1 and peptide tyrosine-tyrosine concentrations in healthy overweight and obese adults: a randomised-controlled trial. British Journal of Nutrition, 2016, 116, 360-374.	1.2	58
1152	A 3-day EGCG-supplementation reduces interstitial lactate concentration in skeletal muscle of overweight subjects. Scientific Reports, 2016, 5, 17896.	1.6	22
1153	Sex differences in the effects of 12â€...weeks sprint interval training on body fat mass and the rates of fatty acid oxidation and VO₂max during exercise. BMJ Open Sport and Exercise Medicine, 2016, 2, e000056.	1.4	41
1154	Excess Postexercise Oxygen Consumption After High-Intensity and Sprint Interval Exercise, and Continuous Steady-State Exercise. Journal of Strength and Conditioning Research, 2016, 30, 3090-3097.	1.0	45
1155	The impact of a low glycaemic index (GI) diet on simultaneous measurements of blood glucose and fat oxidation: A whole body calorimetric study. Journal of Clinical and Translational Endocrinology, 2016, 4, 45-52.	1.0	24
1156	Postprandial thermogenesis and respiratory quotient in response to galactose: comparison with glucose and fructose in healthy young adults. Journal of Nutritional Science, 2016, 5, e4.	0.7	10
1157	Combined epigallocatechin-3-gallate and resveratrol supplementation for 12 wk increases mitochondrial capacity and fat oxidation, but not insulin sensitivity, in obese humans: a randomized controlled trial. American Journal of Clinical Nutrition, 2016, 104, 215-227.	2.2	85
1158	The effects of diet- and RYGB-induced weight loss on insulin sensitivity in obese patients with and without type 2 diabetes. Acta Diabetologica, 2016, 53, 423-432.	1.2	12
1159	Acute Female Hypogonadism Alters Adipose Tissue Fatty Acid Storage Factors and Chylomicronemia. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2089-2098.	1.8	11
1160	Basal and insulin-regulated VLDL1 and VLDL2 kinetics in men with type 2 diabetes. Diabetologia, 2016, 59, 833-843.	2.9	15
1161	Estimates of metabolic rate and major constituents of metabolic demand in fishes under field conditions: Methods, proxies, and new perspectives. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 202, 10-22.	0.8	70
1162	Lipolytic Markers, Insulin and Resting Fat Oxidation are Associated with Maximal Fat Oxidation. International Journal of Sports Medicine, 2016, 37, 607-613.	0.8	19
1163	Mouth rinsing with a sweet solution increases energy expenditure and decreases appetite during 60 min of self-regulated walking exercise. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1255-1261.	0.9	10

#	Article	IF	Citations
1164	Overweight postmenopausal women with different plasma estradiol concentrations present with a similar pattern of energy expenditure and substrate oxidation rate before and after a fatty meal challenge. Clinical Nutrition ESPEN, 2016, 15, 21-27.	0.5	2
1165	The Effects of Supplementation withp-Synephrine Alone and in Combination with Caffeine on Metabolic, Lipolytic, and Cardiovascular Responses during Resistance Exercise. Journal of the American College of Nutrition, 2016, 35, 657-669.	1.1	32
1166	Nutritional Ketosis Alters Fuel Preference and Thereby Endurance Performance in Athletes. Cell Metabolism, 2016, 24, 256-268.	7.2	377
1167	Similar risk of exerciseâ€related hypoglycaemia for insulin degludec to that for insulin glargine in patients with type 1 diabetes: a randomized crossâ€over trial. Diabetes, Obesity and Metabolism, 2016, 18, 196-199.	2.2	23
1168	Metabolic responses to whole-body vibration: effect of frequency and amplitude. European Journal of Applied Physiology, 2016, 116, 1829-1839.	1.2	13
1169	Metabolic cost of running is greater on a treadmill with a stiffer running platform. Journal of Sports Sciences, 2017, 35, 1-6.	1.0	23
1170	Changes in aerobic capacity and glycaemic control in response to reduced-exertion high-intensity interval training (REHIT) are not different between sedentary men and women. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1117-1123.	0.9	46
1171	Distal, not proximal, colonic acetate infusions promote fat oxidation and improve metabolic markers in overweight/obese men. Clinical Science, 2016, 130, 2073-2082.	1.8	165
1172	Green tea extract does not affect exogenous glucose appearance but reduces insulinemia with glucose ingestion in exercise recovery. Journal of Applied Physiology, 2016, 121, 1282-1289.	1.2	6
1173	Effect of 24-h severe energy restriction on appetite regulation and ad libitum energy intake in lean men and women. American Journal of Clinical Nutrition, 2016, 104, 1545-1553.	2.2	19
1174	Ubc13 haploinsufficiency protects against age-related insulin resistance and high-fat diet-induced obesity. Scientific Reports, 2016, 6, 35983.	1.6	5
1175	Combined pharmacological activation of AMPK and PPARÎ´potentiates the effects of exercise in trained mice. Physiological Reports, 2016, 4, e12625.	0.7	22
1176	Sago supplementation for recovery from cycling in a warm-humid environment and its influence on subsequent cycling physiology and performance. Temperature, 2016, 3, 444-454.	1.7	2
1177	No effect of 24â€‰h severe energy restriction on appetite regulation and ad libitum energy intake in overweight and obese males. International Journal of Obesity, 2016, 40, 1662-1670.	1.6	11
1178	Energy replacement diminishes the effect of exercise on postprandial lipemia in boys. Metabolism: Clinical and Experimental, 2016, 65, 496-506.	1.5	5
1179	The effects of interval- vs. continuous exercise on excess post-exercise oxygen consumption and substrate oxidation rates in subjects with type 2 diabetes. Metabolism: Clinical and Experimental, 2016, 65, 1316-1325.	1.5	20
1180	Nutritional considerations during prolonged exposure to a confined, hyperbaric, hyperoxic environment: recommendations for saturation divers. Extreme Physiology and Medicine, 2016, 5, 1.	2.5	18
1181	Positive effect of exercise training at maximal fat oxidation intensity on body composition and lipid metabolism in overweight middleâ€aged women. Clinical Physiology and Functional Imaging, 2016, 36, 225-230.	0.5	48

#	Article	IF	Citations
1182	Relative Contribution of Intramyocellular Lipid to Whole-Body Fat Oxidation Is Reduced With Age but Subsarcolemmal Lipid Accumulation and Insulin Resistance Are Only Associated With Overweight Individuals. Diabetes, 2016, 65, 840-850.	0.3	56
1183	Ascorbic acid supplementation improves skeletal muscle oxidative stress and insulin sensitivity in people with type 2 diabetes: Findings of a randomized controlled study. Free Radical Biology and Medicine, 2016, 93, 227-238.	1.3	66
1184	Naked mole rats exhibit metabolic but not ventilatory plasticity following chronic sustained hypoxia. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160216.	1.2	40
1185	Acute Responses of Functional Electrical Stimulation Cycling on the Ventilationâ€toâ€CO₂ Production Ratio and Substrate Utilization After Spinal Cord Injury. PM and R, 2016, 8, 225-234.	0.9	18
1186	A Diet Rich in Medium-Chain Fatty Acids Improves Systolic Function and Alters the Lipidomic Profile in Patients With Type 2 Diabetes: A Pilot Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 504-512.	1.8	39
1187	Appetite and Energy Intake Responses to Acute Energy Deficits in Females versus Males. Medicine and Science in Sports and Exercise, 2016, 48, 412-420.	0.2	58
1188	Multivitamins and minerals modulate whole-body energy metabolism and cerebral blood-flow during cognitive task performance: a double-blind, randomised, placebo-controlled trial. Nutrition and Metabolism, 2016, 13, 11.	1.3	23
1189	Effect of Exercise Intensity on Glucose Requirements to Maintain Euglycemia During Exercise in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 972-980.	1.8	49
1190	Exercise training at the intensity of maximal fat oxidation in obese boys. Applied Physiology, Nutrition and Metabolism, 2016, 41, 49-54.	0.9	16
1191	Effects of Levothyroxine Replacement or Suppressive Therapy on Energy Expenditure and Body Composition. Thyroid, 2016, 26, 347-355.	2.4	64
1192	Maternal inflammation during late pregnancy is lower in physically active compared with inactive obese women. Applied Physiology, Nutrition and Metabolism, 2016, 41, 191-198.	0.9	15
1193	Effect of breakfast omission on subjective appetite, metabolism, acylated ghrelin and GLP-17-36 during rest and exercise. Nutrition, 2016, 32, 179-185.	1.1	26
1194	Effect of Galactose Ingestion Before and During Exercise on Substrate Oxidation, Postexercise Satiety, and Subsequent Energy Intake in Females. Journal of the American College of Nutrition, 2016, 35, 1-12.	1.1	10
1195	Adipose tissue metabolic and inflammatory responses to a mixed meal in lean, overweight and obese men. European Journal of Nutrition, 2017, 56, 375-385.	4.6	17
1196	Comparison of Carbohydrate and Lipid Oxidation During Different High-Intensity Interval Exercise in Patients with Chronic Heart Failure. American Journal of Physical Medicine and Rehabilitation, 2017, 96, 50-54.	0.7	2
1197	A PUFA-rich diet improves fat oxidation following saturated fat-rich meal. European Journal of Nutrition, 2017, 56, 1845-1857.	1.8	17
1198	Indirect calorimetry in nutritional therapy. A position paper by the ICALIC study group. Clinical Nutrition, 2017, 36, 651-662.	2.3	175
1199	High-intensity aerobic interval training improves aerobic fitness and HbA1c among persons diagnosed with type 2 diabetes. European Journal of Applied Physiology, 2017, 117, 455-467.	1.2	71

#	Article	IF	Citations
1200	Inhibition of Intracellular Triglyceride Lipolysis Suppresses Cold-Induced Brown Adipose Tissue Metabolism and Increases Shivering in Humans. Cell Metabolism, 2017, 25, 438-447.	7.2	157
1202	The effect of moderate versus severe simulated altitude on appetite, gut hormones, energy intake and substrate oxidation in men. Appetite, 2017, 113, 284-292.	1.8	32
1203	Change in maximal fat oxidation in response to different regimes of periodized high-intensity interval training (HIIT). European Journal of Applied Physiology, 2017, 117, 745-755.	1.2	14
1204	Dietary intake is independently associated with the maximal capacity for fat oxidation during exercise,. American Journal of Clinical Nutrition, 2017, 105, 864-872.	2.2	54
1205	TM6SF2 rs58542926 variant affects postprandial lipoprotein metabolism and glucose homeostasis in NAFLD. Journal of Lipid Research, 2017, 58, 1221-1229.	2.0	40
1206	The effects of dietary macronutrients on flight ability, energetics, and fuel metabolism of yellowâ€rumped warblers Setophaga coronata. Journal of Avian Biology, 2017, 48, 133-148.	0.6	32
1207	Physical Form of Dietary Fat Alters Postprandial Substrate Utilization and Glycemic Response in Healthy Chinese Men. Journal of Nutrition, 2017, 147, 1138-1144.	1.3	23
1208	Thyroid Function Variation in the Normal Range, Energy Expenditure, and Body Composition in L-T4â€“Treated Subjects. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2533-2542.	1.8	30
1209	Enhanced Respiratory Chain Supercomplex Formation in Response to Exercise in Human Skeletal Muscle. Cell Metabolism, 2017, 25, 301-311.	7.2	213
1210	Repeated Prolonged Exercise Decreases Maximal Fat Oxidation in Older Men. Medicine and Science in Sports and Exercise, 2017, 49, 308-316.	0.2	7
1211	Genetic variation in the obesity gene FTO is not associated with decreased fat oxidation: the NEO study. International Journal of Obesity, 2017, 41, 1594-1600.	1.6	7
1212	Enhanced insulin sensitivity in successful, long-term weight loss maintainers compared with matched controls with no weight loss history. Nutrition and Diabetes, 2017, 7, e282-e282.	1.5	71
1213	Impact of 4 weeks of interval training on resting metabolic rate, fitness, and health-related outcomes. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1073-1081.	0.9	30
1214	Acute Testosterone Deficiency Alters Adipose Tissue Fatty Acid Storage. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3056-3064.	1.8	17
1215	Colonic infusions of short-chain fatty acid mixtures promote energy metabolism in overweight/obese men: a randomized crossover trial. Scientific Reports, 2017, 7, 2360.	1.6	216
1216	Muscle carnitine availability plays a central role in regulating fuel metabolism in the rodent. Journal of Physiology, 2017, 595, 5765-5780.	1.3	20
1217	MERTK rs4374383 variant predicts incident nonalcoholic fatty liver disease and diabetes: role of mononuclear cell activation and adipokine response to dietary fat. Human Molecular Genetics, 2017, 26, 1747-1758.	1.4	20
1218	â€œMetabolic and cardiovascular response to exercise in patients with type 1 diabetesâ€• Journal of Endocrinological Investigation, 2017, 40, 999-1005.	1.8	15

#	Article	IF	Citations
1219	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, inÂObeseÂPrediabetic Individuals. Gastroenterology, 2017, 153, 87-97.e3.	0.6	150
1220	Acclimation to hypoxia increases carbohydrate use during exercise in high-altitude deer mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R400-R411.	0.9	43
1221	The PDE4 inhibitor roflumilast reduces weight gain by increasing energy expenditure and leads to improved glucose metabolism. Diabetes, Obesity and Metabolism, 2017, 19, 496-508.	2.2	26
1222	Low carbohydrate, high fat diet impairs exercise economy and negates the performance benefit from intensified training in elite race walkers. Journal of Physiology, 2017, 595, 2785-2807.	1.3	281
1223	Acute effect of exercise intensity and duration on acylated ghrelin and hunger in men. Journal of Endocrinology, 2017, 232, 411-422.	1.2	44
1224	Heat-killed Bifidobacterium animalis subsp. Lactis CECT 8145 increases lean mass and ameliorates metabolic syndrome in cafeteria-fed obese rats. Journal of Functional Foods, 2017, 38, 251-263.	1.6	40
1225	Improvement of Insulin Sensitivity after Lean Donor Feces in Metabolic Syndrome Is Driven by Baseline Intestinal Microbiota Composition. Cell Metabolism, 2017, 26, 611-619.e6.	7.2	689
1226	Mycoprotein represents a bioavailable and insulinotropic non-animal-derived dietary protein source: a doseâ€“response study. British Journal of Nutrition, 2017, 118, 673-685.	1.2	59
1227	Maximal Fat Oxidation is Related to Performance in an Ironman Triathlon. International Journal of Sports Medicine, 2017, 38, 975-982.	0.8	40
1228	Glucose effectiveness, but not insulin sensitivity, is improved after short-term interval training in individuals with type 2 diabetes mellitus: a controlled, randomised, crossover trial. Diabetologia, 2017, 60, 2432-2442.	2.9	12
1229	Nischarin inhibition alters energy metabolism by activating AMP-activated protein kinase. Journal of Biological Chemistry, 2017, 292, 16833-16846.	1.6	25
1230	24th European Congress on Obesity (ECO2017), Porto, Portugal, May 17-20, 2017: Abstracts. Obesity Facts, 2017, 10, 1-274.	1.6	5
1231	Misalignment with the external light environment drives metabolic and cardiac dysfunction. Nature Communications, 2017, 8, 417.	5.8	117
1232	Absence of the kinase S6k1 mimics the effect of chronic endurance exercise on glucose tolerance and muscle oxidative stress. Molecular Metabolism, 2017, 6, 1443-1453.	3.0	11
1233	Severe energy deficit upregulates leptin receptors, leptin signaling, and PTP1B in human skeletal muscle. Journal of Applied Physiology, 2017, 123, 1276-1287.	1.2	14
1234	Nutritional ketone salts increase fat oxidation but impair high-intensity exercise performance in healthy adult males. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1031-1035.	0.9	88
1235	A Novel Approach to Predict 24-Hour Energy Expenditure Based on Hematologic Volumes: Development and Validation of Models Comparable to Mifflin-St Jeor and Body Composition Models. Journal of the Academy of Nutrition and Dietetics, 2017, 117, 1177-1187.	0.4	1
1236	Acute effects of exercise on appetite, ad libitum energy intake and appetite-regulatory hormones in lean and overweight/obese men and women. International Journal of Obesity, 2017, 41, 1737-1744.	1.6	70

#	Article	IF	Citations
1237	Opposite Regulation of Insulin Sensitivity by Dietary Lipid Versus Carbohydrate Excess. Diabetes, 2017, 66, 2583-2595.	0.3	46
1238	Measuring VLDL1-Triglyceride and VLDL2-Triglyceride Kinetics in Men: Effects of Dietary Control on Day-to-Day Variability. Hormone and Metabolic Research, 2017, 49, 604-611.	0.7	2
1239	A high fat breakfast attenuates the suppression of appetite and acylated ghrelin during exercise at simulated altitude. Physiology and Behavior, 2017, 179, 353-360.	1.0	3
1240	Hypohydration impairs endurance performance: a blinded study. Physiological Reports, 2017, 5, e13315.	0.7	50
1241	Reduced adiposity attenuates FGF21 mediated metabolic improvements in the Siberian hamster. Scientific Reports, 2017, 7, 4238.	1.6	11
1242	Metabolism of ketone bodies during exercise and training: physiological basis for exogenous supplementation. Journal of Physiology, 2017, 595, 2857-2871.	1.3	269
1243	Dopamine/noradrenaline reuptake inhibition in women improves endurance exercise performance in the heat. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1221-1230.	1.3	11
1244	Effects of acute dietary weight loss on postprandial plasma bile acid responses in obese insulin resistant subjects. Clinical Nutrition, 2017, 36, 1615-1620.	2.3	14
1245	Separate and combined effects of exposure to heat stress and mental fatigue on endurance exercise capacity in the heat. European Journal of Applied Physiology, 2017, 117, 119-129.	1.2	32
1246	Isocaloric Diets High in Animal or Plant Protein Reduce Liver Fat and Inflammation in Individuals With Type 2 Diabetes. Gastroenterology, 2017, 152, 571-585.e8.	0.6	194
1247	Effects of 13-Hour Hyperglucagonemia on Energy Expenditure and Hepatic Glucose Production in Humans. Diabetes, 2017, 66, 36-44.	0.3	23
1248	Metabolic, endocrine and appetite-related responses to acute and daily milk snack consumption in healthy, adolescent males. Appetite, 2017, 108, 93-103.	1.8	8
1249	Metabolic Requirement of Septic Shock Patients Before and After Liberation From Mechanical Ventilation. Journal of Parenteral and Enteral Nutrition, 2017, 41, 993-999.	1.3	7
1250	Effects of high-intensity interval training on physical capacities and substrate oxidation rate in obese adolescents. Journal of Endocrinological Investigation, 2017, 40, 217-226.	1.8	41
1251	Ketone Diester Ingestion Impairs Time-Trial Performance in Professional Cyclists. Frontiers in Physiology, 2017, 8, 806.	1.3	100
1252	Fructose and Sucrose Intake Increase Exogenous Carbohydrate Oxidation during Exercise. Nutrients, 2017, 9, 167.	1.7	33
1253	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2017, , 390-403.e3.		1
1254	Very Low Volume Sprint Interval Exercise Suppresses Subjective Appetite, Lowers Acylated Ghrelin, and Elevates GLP-1 in Overweight Individuals: A Pilot Study. Nutrients, 2017, 9, 362.	1.7	27

#	Article	IF	Citations
1255	A Low Glycaemic Index Diet Incorporating Isomaltulose Is Associated with Lower Glycaemic Response and Variability, and Promotes Fat Oxidation in Asians. Nutrients, 2017, 9, 473.	1.7	26
1256	Metabolic Characterization of a Novel RORÎ± Knockout Mouse Model without Ataxia. Frontiers in Endocrinology, 2017, 8, 141.	1.5	8
1257	Exercise Metabolism in Nonobese Patients with Type 2 Diabetes Following the Acute Restoration of Normoglycaemia. Journal of Diabetes Research, 2017, 2017, 1-8.	1.0	3
1258	Endurance Training with or without Glucose-Fructose Ingestion: Effects on Lactate Metabolism Assessed in a Randomized Clinical Trial on Sedentary Men. Nutrients, 2017, 9, 411.	1.7	7
1259	Does the ingestion of a 24Âhour low glycaemic index Asian mixed meal diet improve glycaemic response and promote fat oxidation? A controlled, randomized cross-over study. Nutrition Journal, 2017, 16, 43.	1.5	16
1260	Validity of sports watches when estimating energy expenditure during running. BMC Sports Science, Medicine and Rehabilitation, 2017, 9, 22.	0.7	32
1261	Peak fat oxidation during self-paced activities of daily life: influence of sex and body composition. Journal of Sports Medicine and Physical Fitness, 2017, 57, 624-632.	0.4	3
1262	Green tea supplementation upregulates uncoupling protein 3 expression in severe obese women adipose tissue but does not promote weight loss. International Journal of Food Sciences and Nutrition, 2018, 69, 995-1002.	1.3	9
1263	Protein use and weight-gain quality in very-low-birth-weight preterm infants fed human milk or formula. American Journal of Clinical Nutrition, 2018, 107, 195-200.	2.2	25
1264	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. Nutrition in Clinical Practice, 2018, 33, 206-216.	1.1	29
1265	A single exercise session increases insulin sensitivity in normal weight and overweight/obese adolescents. Pediatric Diabetes, 2018, 19, 1050-1057.	1.2	9
1266	A single day of bed rest, irrespective of energy balance, does not affect skeletal muscle gene expression or insulin sensitivity. Experimental Physiology, 2018, 103, 860-875.	0.9	19
1267	Energy utilization associated with regular activity breaks and continuous physical activity: A randomized crossover trial. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 557-564.	1.1	4
1268	Metabolic Inflexibility Is an Early Marker of Bed-Restâ€“Induced Glucose Intolerance Even When Fat Mass Is Stable. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1910-1920.	1.8	40
1269	Calculating metabolic energy expenditure across a wide range of exercise intensities: the equation matters. Applied Physiology, Nutrition and Metabolism, 2018, 43, 639-642.	0.9	65
1270	Impaired Lipolysis, Diminished Fat Oxidation, and Metabolic Inflexibility in Obese Girls With Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 546-554.	1.8	37
1271	Brown adipose tissue lipid metabolism in morbid obesity: Effect of bariatric surgeryâ€induced weight loss. Diabetes, Obesity and Metabolism, 2018, 20, 1280-1288.	2.2	37
1272	Carbohydrate dose influences liver and muscle glycogen oxidation and performance during prolonged exercise. Physiological Reports, 2018, 6, e13555.	0.7	36

#	Article	IF	Citations
1273	Effect of acute ingestion of Î²â€hydroxybutyrate salts on the response to graded exercise in trained cyclists. European Journal of Sport Science, 2018, 18, 376-386.	1.4	46
1274	Metformin does not affect postabsorptive hepatic free fatty acid uptake, oxidation or resecretion in humans: A 3â€month placeboâ€controlled clinical trial in patients with type 2 diabetes and healthy controls. Diabetes, Obesity and Metabolism, 2018, 20, 1435-1444.	2.2	18
1275	Energy intake in short bowel syndrome: assessment by 24-h dietary recalls compared with the doubly labelled water method. British Journal of Nutrition, 2018, 119, 196-201.	1.2	9
1276	A whole-grain diet reduces peripheral insulin resistance and improves glucose kinetics in obese adults: A randomized-controlled trial. Metabolism: Clinical and Experimental, 2018, 82, 111-117.	1.5	57
1277	Collision activity during training increases total energy expenditure measured via doubly labelled water. European Journal of Applied Physiology, 2018, 118, 1169-1177.	1.2	29
1278	Nutritional Support from the Intestinal Microbiota Improves Hematopoietic Reconstitution after Bone Marrow Transplantation in Mice. Cell Host and Microbe, 2018, 23, 447-457.e4.	5.1	86
1279	Exercise Training at Maximal Fat Oxidation Intensity for Older Women with Type 2 Diabetes. International Journal of Sports Medicine, 2018, 39, 374-381.	0.8	23
1280	Meal timing effects on insulin sensitivity and intrahepatic triglycerides during weight loss. International Journal of Obesity, 2018, 42, 156-162.	1.6	14
1281	Single vagus nerve stimulation reduces early postprandial C-peptide levels but not other hormones or postprandial metabolism. Clinical Rheumatology, 2018, 37, 505-514.	1.0	7
1282	A single bout of high-intensity interval exercise and work-matched moderate-intensity exercise has minimal effect on glucose tolerance and insulin sensitivity in 7- to 10-year-old boys. Journal of Sports Sciences, 2018, 36, 149-155.	1.0	15
1283	Effects of 6â€month aerobic interval training on skeletal muscle metabolism in middleâ€aged metabolic syndrome patients. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 585-595.	1.3	17
1284	A paternal methyl donor-rich diet altered cognitive and neural functions in offspring mice. Molecular Psychiatry, 2018, 23, 1345-1355.	4.1	53
1285	Influence of expression of UCP3 , PLIN1 and PPARG2 on the oxidation ofÂsubstrates after hypocaloric dietary intervention. Clinical Nutrition, 2018, 37, 1383-1388.	2.3	3
1286	Assessment of Metabolic Flexibility by Means of Measuring Blood Lactate, Fat, and Carbohydrate Oxidation Responses to Exercise in Professional Endurance Athletes and Less-Fit Individuals. Sports Medicine, 2018, 48, 467-479.	3.1	130
1287	Physiological Profile of an Uphill Time Trial in Elite Cyclists. International Journal of Sports Physiology and Performance, 2018, 13, 268-273.	1.1	4
1288	Severe negative energy balance during 21 d at high altitude decreases fatâ€free mass regardless of dietary protein intake: a randomized controlled trial. FASEB Journal, 2018, 32, 894-905.	0.2	43
1289	Glucose metabolism and metabolic flexibility in cultured skeletal muscle cells is related to exercise status in young male subjects. Archives of Physiology and Biochemistry, 2018, 124, 119-130.	1.0	14
1290	Metabolism and Whole-Body Fat Oxidation Following Postexercise Carbohydrate or Protein Intake. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 37-45.	1.0	8

#	Article	IF	Citations
1291	Allyl isothiocyanate increases carbohydrate oxidation through enhancing insulin secretion by TRPV1. Bioscience, Biotechnology and Biochemistry, 2018, 82, 698-708.	0.6	9
1292	Interindividual Responses of Appetite to Acute Exercise. Medicine and Science in Sports and Exercise, 2018, 50, 758-768.	0.2	28
1293	Changes in fat oxidation in response to various regimes of high intensity interval training (HIIT). European Journal of Applied Physiology, 2018, 118, 51-63.	1.2	49
1294	Acute oral sodium propionate supplementation raises resting energy expenditure and lipid oxidation in fasted humans. Diabetes, Obesity and Metabolism, 2018, 20, 1034-1039.	2.2	80
1295	Glucocorticoids suppress brown adipose tissue function in humans: A doubleâ€blind placeboâ€controlled study. Diabetes, Obesity and Metabolism, 2018, 20, 840-848.	2.2	43
1296	Attenuated suppression of lipolysis explains the increases in triglyceride secretion and concentration associated with basal insulin peglispro relative to insulin glargine treatment in patients with type 1 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 419-426.	2.2	8
1297	Reliability of resting metabolic rate measurements in young adults: Impact of methods for data analysis. Clinical Nutrition, 2018, 37, 1618-1624.	2.3	51
1298	Higher lipid turnover and oxidation in cultured human myotubes from athletic versus sedentary young male subjects. Scientific Reports, 2018, 8, 17549.	1.6	20
1299	Differences in the effects of TRPV1 antagonists on energy metabolism in mice . Biomedical Research, 2018, 39, 279-286.	0.3	1
1300	Energy expenditure, recovery oxygen consumption, and substrate oxidation during and after body weight resistance exercise with slow movement compared to treadmill walking. Physiology International, 2018, 105, 371-385.	0.8	8
1301	Commentary: Contextualising Maximal Fat Oxidation During Exercise: Determinants and Normative Values. Frontiers in Physiology, 2018, 9, 1460.	1.3	22
1302	Brown Adipose Tissue and Skeletal Muscle 18F-FDG Activity After a Personalized Cold Exposure Is Not Associated With Cold-Induced Thermogenesis and Nutrient Oxidation Rates in Young Healthy Adults. Frontiers in Physiology, 2018, 9, 1577.	1.3	4
1303	Circulating Inflammatory Cytokine Responses to Endurance Exercise in Female Rowers. International Journal of Sports Medicine, 2018, 39, 1041-1048.	0.8	11
1304	Human Resting Energy Expenditure Varies with Circadian Phase. Current Biology, 2018, 28, 3685-3690.e3.	1.8	113
1305	Intake of an Obesogenic Cafeteria Diet Affects Body Weight, Feeding Behavior, and Glucose and Lipid Metabolism in a Photoperiod-Dependent Manner in F344 Rats. Frontiers in Physiology, 2018, 9, 1639.	1.3	16
1306	Rab4b Deficiency in T Cells Promotes Adipose Treg/Th17 Imbalance, Adipose Tissue Dysfunction, and Insulin Resistance. Cell Reports, 2018, 25, 3329-3341.e5.	2.9	27
1307	Postprandial energy expenditure of protein is affected by its phosphorus content. Journal of Thermal Biology, 2018, 78, 214-218.	1.1	2
1308	Diet-induced adaptive thermogenesis requires neuropeptide FF receptor-2 signalling. Nature Communications, 2018, 9, 4722.	5.8	54

#	Article	IF	Citations
1309	Limit to steady-state aerobic power of skeletal muscles. Journal of Biological Physics, 2018, 44, 619-646.	0.7	1
1310	Simvastatin-Induced Insulin Resistance May Be Linked to Decreased Lipid Uptake and Lipid Synthesis in Human Skeletal Muscle: the LIFESTAT Study. Journal of Diabetes Research, 2018, 2018, 1-7.	1.0	18
1311	Inhibitory Effects of Intranasal Administration of Insulin on Fat Oxidation during Exercise Are Diminished in Young Overweight Individuals. Journal of Clinical Medicine, 2018, 7, 308.	1.0	1
1312	The relationship between resting energy expenditure and thyroid hormones in response to short-term weight loss in severe obesity. PLoS ONE, 2018, 13, e0205293.	1.1	20
1313	Effects of Altering Levothyroxine Dose on Energy Expenditure and Body Composition in Subjects Treated With LT4. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4163-4175.	1.8	23
1314	Determinants of maximal wholeâ€body fat oxidation in elite crossâ€country skiers: Role of skeletal muscle mitochondria. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2494-2504.	1.3	32
1315	Peak Fat Oxidation is not Independently Related to Ironman Performance in Women. International Journal of Sports Medicine, 2018, 39, 916-923.	0.8	14
1316	Changes in metabolism but not myocellular signaling by training with CHO-restriction in endurance athletes. Physiological Reports, 2018, 6, e13847.	0.7	9
1317	Striatal dopamine regulates systemic glucose metabolism in humans and mice. Science Translational Medicine, 2018, 10, .	5.8	79
1318	Evaluation of a graded exercise test to determine peak fat oxidation in individuals with low cardiorespiratory fitness. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1288-1297.	0.9	10
1319	An acute bout of cycling does not induce compensatory responses in pre-menopausal women not using hormonal contraceptives. Appetite, 2018, 128, 87-94.	1.8	6
1320	Physiological responses to acute cold exposure in young lean men. PLoS ONE, 2018, 13, e0196543.	1.1	31
1321	The time lag prior to the rise in glucose requirements to maintain stable glycaemia during moderate exercise in a fasted insulinaemic state is of short duration and unaffected by the level at which glycaemia is maintained in Type 1 diabetes. Diabetic Medicine, 2018, 35, 1404-1411.	1.2	7
1322	Training state and fasting-induced PDH regulation in human skeletal muscle. Pflugers Archiv European Journal of Physiology, 2018, 470, 1633-1645.	1.3	5
1323	Successful and unsuccessful weight-loss maintainers: strategies to counteract metabolic compensation following weight loss. Journal of Nutritional Science, 2018, 7, e20.	0.7	9
1324	Nutritional Ketosis and Mitohormesis: Potential Implications for Mitochondrial Function and Human Health. Journal of Nutrition and Metabolism, 2018, 2018, 1-27.	0.7	128
1325	Does the aerobic threshold correlate with the maximal fat oxidation rate in short stage treadmill tests?. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1412-1417.	0.4	10
1326	Remission of Human Type 2 Diabetes Requires Decrease in Liver and Pancreas Fat Content but Is Dependent upon Capacity for Î² Cell Recovery. Cell Metabolism, 2018, 28, 547-556.e3.	7.2	257

#	Article	IF	Citations
1327	Low-fat diet, and medium-fat diets containing coconut oil and soybean oil exert different metabolic effects in untrained and treadmill-trained mice. Journal of the International Society of Sports Nutrition, 2018, 15, 29.	1.7	8
1328	Metabolic flexibility to lipid availability during exercise is enhanced in individuals with high insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E715-E722.	1.8	22
1329	Time-of-Day Effects on Metabolic and Clock-Related Adjustments to Cold. Frontiers in Endocrinology, 2018, 9, 199.	1.5	10
1330	Effect of pre-exercise carbohydrate availability on fat oxidation and energy expenditure after a high-intensity exercise. Brazilian Journal of Medical and Biological Research, 2018, 51, e6964.	0.7	7
1331	Intermittent fasting, energy balance and associated health outcomes in adults: study protocol for a randomised controlled trial. Trials, 2018, 19, 86.	0.7	14
1332	Normalizing resting energy expenditure across the life course in humans: challenges and hopes. European Journal of Clinical Nutrition, 2018, 72, 628-637.	1.3	46
1333	Absence of leptin signaling allows fat accretion in cystic fibrosis mice. American Journal of Physiology - Renal Physiology, 2018, 315, G685-G698.	1.6	8
1334	Physiological responses during a 25-km time trial in elite wheelchair racing athletes. Spinal Cord Series and Cases, 2018, 4, 77.	0.3	2
1335	Serum uric acid potentially links metabolic health to measures of fuel use in lean and obese individuals. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 1029-1035.	1.1	11
1336	What can knowledge of the energy landscape tell us about animal movement trajectories and space use? A case study with humans. Journal of Theoretical Biology, 2018, 457, 101-111.	0.8	13
1337	Diet-induced thermogenesis: fake friend or foe?. Journal of Endocrinology, 2018, 238, R185-R191.	1.2	27
1338	Cardiorespiratory, enzymatic and hormonal responses during and after walking while fasting. PLoS ONE, 2018, 13, e0193702.	1.1	2
1339	Phosphorus ingestion with a high-carbohydrate meal increased the postprandial energy expenditure of obese and lean individuals. Nutrition, 2019, 57, 59-62.	1.1	9
1340	Metabolic rate and substrate utilisation resilience in men undertaking polar expeditionary travel. PLoS ONE, 2019, 14, e0221176.	1.1	7
1341	Substrate oxidation and the influence of breakfast in normobaric hypoxia and normoxia. European Journal of Applied Physiology, 2019, 119, 1909-1920.	1.2	5
1342	Determination and validation of peak fat oxidation in enduranceâ€trained men using an upper body graded exercise test. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1677-1690.	1.3	2
1343	Assessment of the Doseâ€“Response Relationship between Meal Protein Content and Postprandial Thermogenesis: Effect of Sex and the Oral Contraceptive Pill. Nutrients, 2019, 11, 1599.	1.7	5
1344	Physical training, UCP1 expression, mitochondrial density, and coupling in adipose tissue from women with obesity. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1699-1706.	1.3	26

#	Article	IF	Citations
1345	Differential effects of a 40-hour fast and bile acid supplementation on human GLP-1 and FGF19 responses. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E494-E502.	1.8	9
1346	TNF blockade contributes to restore lipid oxidation during exercise in children with juvenile idiopathic arthritis. Pediatric Rheumatology, 2019, 17, 47.	0.9	6
1347	Srf KO and wild-type mice similarly adapt to endurance exercise. European Journal of Translational Myology, 2019, 29, 8205.	0.8	3
1348	Optimizing Maximal Fat Oxidation Assessment by a Treadmill-Based Graded Exercise Protocol: When Should the Test End?. Frontiers in Physiology, 2019, 10, 909.	1.3	7
1349	Chronic effects of high-intensity interval training on postprandial lipemia in healthy men. Journal of Applied Physiology, 2019, 127, 1763-1771.	1.2	9
1350	Potato ingestion is as effective as carbohydrate gels to support prolonged cycling performance. Journal of Applied Physiology, 2019, 127, 1651-1659.	1.2	11
1351	Cardiorespiratory Fitness May Influence Metabolic Inflexibility During Exercise in Obese Persons. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5780-5790.	1.8	19
1352	Effect of medium-chain TAG and exercise on satiety, energy intake and energy balance. British Journal of Nutrition, 2019, 122, 1313-1320.	1.2	1
1353	Changes in Weight and Substrate Oxidation in Overweight Adults Following Isomaltulose Intake During a 12-Week Weight Loss Intervention: A Randomized, Double-Blind, Controlled Trial. Nutrients, 2019, 11, 2367.	1.7	13
1354	Fat oxidation at rest and during exercise in male monozygotic twins. European Journal of Applied Physiology, 2019, 119, 2711-2722.	1.2	7
1355	Assessment of Metabolic and Nutritional Imbalance in Mechanically Ventilated Multiple Trauma Patients: From Molecular to Clinical Outcomes. Diagnostics, 2019, 9, 171.	1.3	7
1356	The Iminosugar AMP-DNM Improves Satiety and Activates Brown Adipose Tissue Through GLP1. Diabetes, 2019, 68, 2223-2234.	0.3	5
1357	High fat meals increases postprandial fat oxidation rate but not postprandial lipemia. Lipids in Health and Disease, 2019, 18, 182.	1.2	4
1358	A randomized crossover trial assessing the effects of acute exercise on appetite, circulating ghrelin concentrations, and butyrylcholinesterase activity in normal-weight males with variants of the obesity-linked FTO rs9939609 polymorphism. American Journal of Clinical Nutrition, 2019, 110, 1055-1066.	2.2	22
1359	Fasting unmasks differential fat and muscle transcriptional regulation of metabolic gene sets in low versus normal birth weight men. EBioMedicine, 2019, 47, 341-351.	2.7	11
1360	Effect of exercise intensity on circulating hepatokine concentrations in healthy men. Applied Physiology, Nutrition and Metabolism, 2019, 44, 1065-1072.	0.9	35
1361	Circulating but not faecal short-chain fatty acids are related to insulin sensitivity, lipolysis and GLP-1 concentrations in humans. Scientific Reports, 2019, 9, 12515.	1.6	200
1362	Comparison of Different Blood Lactate Threshold Concepts for Constant Load Performance Prediction in Spinal Cord Injured Handcyclists. Frontiers in Physiology, 2019, 10, 1054.	1.3	12

#	Article	IF	Citations
1363	Utility of Ketone Supplementation to Enhance Physical Performance: A Systematic Review. Advances in Nutrition, 2020, 11, 412-419.	2.9	51
1364	Diurnal Variation of Maximal Fat-Oxidation Rate in Trained Male Athletes. International Journal of Sports Physiology and Performance, 2019, 14, 1140-1146.	1.1	25
1365	Regulation of substrate utilization and adiposity by Agrp neurons. Nature Communications, 2019, 10, 311.	5.8	62
1366	Cycling time trial performance is improved by carbohydrate ingestion during exercise regardless of a fed or fasted state. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 651-662.	1.3	9
1367	Tart Cherry Concentrate Does Not Alter the Gut Microbiome, Glycaemic Control or Systemic Inflammation in a Middle-Aged Population. Nutrients, 2019, 11, 1063.	1.7	21
1368	Impaired Muscular Fat Metabolism in Juvenile Idiopathic Arthritis in Inactive Disease. Frontiers in Physiology, 2019, 10, 528.	1.3	7
1369	Fasting Whole-Body Energy Homeostasis and Hepatic Energy Metabolism in Nondiabetic Humans with Fatty Liver. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-7.	1.9	3
1370	Interscapular and Perivascular Brown Adipose Tissue Respond Differently to a Short-Term High-Fat Diet. Nutrients, 2019, 11, 1065.	1.7	12
1371	Amygdala NPY Circuits Promote the Development of Accelerated Obesity under Chronic Stress Conditions. Cell Metabolism, 2019, 30, 111-128.e6.	7.2	83
1372	Influences of Hypoxia Exercise on Whole-Body Insulin Sensitivity and Oxidative Metabolism in Older Individuals. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5238-5248.	1.8	14
1373	Concordance between¹³C:¹²C ratio technique respect to indirect calorimetry to estimate carbohydrate and Fat oxidation rates by means stoichiometric equations during exercise. A reliability and agreement study. Physiological Reports, 2019, 7, e14053.	0.7	5
1374	Liver and muscle glycogen oxidation and performance with dose variation of glucoseâ€“fructose ingestion during prolonged (3 h) exercise. European Journal of Applied Physiology, 2019, 119, 1157-1169.	1.2	18
1375	Plasma free fatty acid concentration is closely tied to whole body peak fat oxidation rate during repeated exercise. Journal of Applied Physiology, 2019, 126, 1563-1571.	1.2	18
1376	Skeletal muscle Nur77 and NOR1 insulin responsiveness is blunted in obesity and type 2 diabetes but improved after exercise training. Physiological Reports, 2019, 7, e14042.	0.7	13
1377	Exercise training promotes a GDF15-associated reduction in fat mass in older adults with obesity. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E829-E836.	1.8	38
1378	The Energy Cost of Sitting versus Standing Naturally in Man. Medicine and Science in Sports and Exercise, 2019, 51, 726-733.	0.2	23
1379	A Single Dose of Goji Berries Does Not Affect Postprandial Energy Expenditure and Substrate Oxidation in Healthy, Overweight Men. Journal of Nutrition and Metabolism, 2019, 2019, 1-6.	0.7	3
1380	Impact of data analysis methods for maximal fat oxidation estimation during exercise in sedentary adults. European Journal of Sport Science, 2019, 19, 1230-1239.	1.4	26

#	Article	IF	Citations
1381	Assessment of maximal fat oxidation during exercise: A systematic review. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 910-921.	1.3	42
1382	Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents, and young adults with Barth syndrome. Journal of Inherited Metabolic Disease, 2019, 42, 480-493.	1.7	24
1383	Effect of a four-week ketogenic diet on exercise metabolism in CrossFit-trained athletes. Journal of the International Society of Sports Nutrition, 2019, 16, 16.	1.7	39
1384	The Loss of ARNT/HIF1Î² in Male Pancreatic Î²-Cells Is Protective Against High-Fat Dietâ€"Induced Diabetes. Endocrinology, 2019, 160, 2825-2836.	1.4	10
1385	Sex Differences in Recovery From Sprint Interval Exercise. Journal of Strength and Conditioning Research, 2022, 36, e41-e48.	1.0	4
1386	Low-Carbohydrate Training Increases Protein Requirements of Endurance Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 2294-2301.	0.2	23
1387	Women with metabolic syndrome show similar health benefits from high-intensity interval training than men. PLoS ONE, 2019, 14, e0225893.	1.1	7
1388	Mineralocorticoid antagonism enhances brown adipose tissue function in humans: A randomized placeboâ€controlled crossâ€over study. Diabetes, Obesity and Metabolism, 2019, 21, 509-516.	2.2	40
1389	Effect of dietary antioxidant-rich foods combined with aerobic training on energy metabolism in healthy young men. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 79-85.	0.6	12
1390	Pre- to postexpedition changes in the energy usage of women undertaking sustained expeditionary polar travel. Journal of Applied Physiology, 2019, 126, 681-690.	1.2	4
1391	Effects of oneâ€legged highâ€intensity interval training on insulinâ€mediated skeletal muscle glucose homeostasis in patients with type 2 diabetes. Acta Physiologica, 2019, 226, e13245.	1.8	40
1392	Fat metabolism and acute resistance exercise in trained women. Journal of Applied Physiology, 2019, 126, 739-745.	1.2	12
1393	Virtualâ€reality exergaming improves performance during highâ€intensity interval training. European Journal of Sport Science, 2019, 19, 719-727.	1.4	58
1394	The extra-splanchnic fructose escape after ingestion of a fructoseâ€"glucose drink: An exploratory study in healthy humans using a dual fructose isotope method. Clinical Nutrition ESPEN, 2019, 29, 125-132.	0.5	52
1395	Exercise training remodels human skeletal muscle mitochondrial fission and fusion machinery towards a proâ€elongation phenotype. Acta Physiologica, 2019, 225, e13216.	1.8	74
1396	Diet-dependent function of the extracellular matrix proteoglycan Lumican in obesity and glucose homeostasis. Molecular Metabolism, 2019, 19, 97-106.	3.0	27
1397	The Effect of 1,3-Butanediol on Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 466-473.	1.0	39
1398	Effect of frequent interruptions of sedentary time on nutrient metabolism in sedentary overweight male and female adults. Journal of Applied Physiology, 2019, 126, 984-992.	1.2	8

#	Article	IF	Citations
1399	Blinded and unblinded hypohydration similarly impair cycling time trial performance in the heat in trained cyclists. Journal of Applied Physiology, 2019, 126, 870-879.	1.2	31
1400	High-Phosphate Diet Induces Exercise Intolerance and Impairs Fatty Acid Metabolism in Mice. Circulation, 2019, 139, 1422-1434.	1.6	36
1401	Carbohydrate oxidation and glucose utilisation under hyperglycaemia in aged and young males during exercise at the same relative exercise intensity. European Journal of Applied Physiology, 2019, 119, 235-245.	1.2	4
1402	Normalizing glucocorticoid levels attenuates metabolic and neuropathological symptoms in the R6/2 mouse model of huntington's disease. Neurobiology of Disease, 2019, 121, 214-229.	2.1	12
1403	Postexercise skeletal muscle signaling responses to moderate- to high-intensity steady-state exercise in the fed or fasted state. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E230-E238.	1.8	27
1404	Abnormal brown adipose tissue mitochondrial structure and function in IL10 deficiency. EBioMedicine, 2019, 39, 436-447.	2.7	22
1405	Effect of acute hypohydration on glycemic regulation in healthy adults: a randomized crossover trial. Journal of Applied Physiology, 2019, 126, 422-430.	1.2	13
1406	Are professional young rugby league players eating enough? Energy intake, expenditure and balance during a preâ€season. European Journal of Sport Science, 2019, 19, 123-132.	1.4	16
1407	Estimation of non-shivering thermogenesis and cold-induced nutrient oxidation rates: Impact of method for data selection and analysis. Clinical Nutrition, 2019, 38, 2168-2174.	2.3	10
1408	Effect of downhill walking on next-day muscle damage and glucose metabolism in healthy young subjects. Journal of Physiological Sciences, 2019, 69, 31-38.	0.9	6
1409	Non-targeted metabolomics in sport and exercise science. Journal of Sports Sciences, 2019, 37, 959-967.	1.0	65
1410	Reduced Fat Oxidation During Exercise in Post-Menopausal Overweight-Obese Women with Higher Lipid Accumulation Product Index. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 556-562.	0.6	5
1411	Seasonal effects on resting energy expenditure are dependent on age and percent body fat. Clinical Nutrition, 2020, 39, 1276-1283.	2.3	9
1412	Effects of Exercise With and Without Energy Replacement on Substrate Utilization in the Fasting State. Journal of the American College of Nutrition, 2020, 39, 39-46.	1.1	0
1413	Lipid Metabolism Links Nutrient-Exercise Timing to Insulin Sensitivity in Men Classified as Overweight or Obese. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 660-676.	1.8	32
1414	Acute Resveratrol Administration Increases Neural Effort but Not Whole Body Metabolism or Cognitive Performance in Healthy, Young Participants. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 315-322.	0.8	1
1415	Aging With Vision Loss: A Framework for Assessing the Impact of Visual Impairment on Older Adults. Gerontologist, The, 2020, 60, 989-995.	2.3	67
1416	Lipolysis and Fat Oxidation Are Not Altered with Presleep Compared with Daytime Casein Protein Intake in Resistance-Trained Women. Journal of Nutrition, 2020, 150, 47-54.	1.3	6

#	Article	IF	Citations
1417	Aerobic exercise training at maximal fat oxidation intensity improves body composition, glycemic control, and physical capacity in older people with type 2 diabetes. Journal of Exercise Science and Fitness, 2020, 18, 7-13.	0.8	32
1418	Higher baseline fat oxidation promotes gynoid fat mobilization in response to a 12-week exercise intervention in sedentary, obese black South African women. Applied Physiology, Nutrition and Metabolism, 2020, 45, 327-335.	0.9	13
1419	Hyperinsulinaemia and hyperglycaemia promote glucose utilization and storage during low- and high-intensity exercise. European Journal of Applied Physiology, 2020, 120, 127-135.	1.2	6
1420	Metabolic response to exercise in childhood brain tumor survivors: A pilot controlled study. Pediatric Blood and Cancer, 2020, 67, e28053.	0.8	4
1421	Tabataâ€style functional exercise increases resting and postprandial fat oxidation but does not reduce triglyceride concentrations. Experimental Physiology, 2020, 105, 468-476.	0.9	9
1422	Impact of exercise training status on the fiber type-specific abundance of proteins regulating intramuscular lipid metabolism. Journal of Applied Physiology, 2020, 128, 379-389.	1.2	28
1423	Fat Oxidation Rate as a Function of Plasma Lipid and Hormone Response in Endurance Athletes. Journal of Strength and Conditioning Research, 2020, 34, 104-113.	1.0	0
1424	Effect of acute and short-term dietary fat ingestion on postprandial skeletal muscle protein synthesis rates in middle-aged, overweight, and obese men. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E417-E429.	1.8	14
1425	Exogenous Ketone Supplementation and Keto-Adaptation for Endurance Performance: Disentangling the Effects of Two Distinct Metabolic States. Sports Medicine, 2020, 50, 641-656.	3.1	30
1426	Diet and Exercise Training Influence Skeletal Muscle Long-Chain acyl-CoA Synthetases. Medicine and Science in Sports and Exercise, 2020, 52, 569-576.	0.2	6
1427	Energy Deficit Required for Exercise-induced Improvements in Glycemia the Next Day. Medicine and Science in Sports and Exercise, 2020, 52, 976-982.	0.2	5
1428	Impact of Exerciseâ€“Nutritional State Interactions in Patients with Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2020, 52, 720-728.	0.2	17
1429	Exercise twiceâ€aâ€day potentiates markers of mitochondrial biogenesis in men. FASEB Journal, 2020, 34, 1602-1619.	0.2	32
1430	Neuromuscular Electrical Stimulation Improves Energy Substrate Metabolism and Survival in Mice With Acute Endotoxic Shock. Shock, 2020, 53, 236-241.	1.0	2
1431	Respiratory quotient: Effects of fatty acid composition. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2020, 333, 613-618.	0.9	6
1432	Pre-Sleep Low Glycemic Index Modified Starch Does Not Improve Next-Morning Fuel Selection or Running Performance in Male and Female Endurance Athletes. Nutrients, 2020, 12, 2888.	1.7	3
1433	Infusion of donor feces affects the gutâ€“brain axis in humans with metabolic syndrome. Molecular Metabolism, 2020, 42, 101076.	3.0	50
1434	Energy Expenditure and Macronutrient Oxidation in Response to an Individualized Nonshivering Cooling Protocol. Obesity, 2020, 28, 2175-2183.	1.5	2

#	Article	IF	Citations
1435	Supplementing Glycine and N-acetylcysteine (GlyNAC) in Aging HIV Patients Improves Oxidative Stress, Mitochondrial Dysfunction, Inflammation, Endothelial Dysfunction, Insulin Resistance, Genotoxicity, Strength, and Cognition: Results of an Open-Label Clinical Trial. Biomedicines, 2020, 8, 390.	1.4	20
1436	Endogenous versus exogenous carbohydrate oxidation measured by stable isotopes in pre-pubescent children plus 13C abundances in foods consumed three days prior. Metabolism Open, 2020, 7, 100041.	1.4	1
1437	Omission of a carbohydrateâ€rich breakfast impairs evening endurance exercise performance despite complete dietary compensation at lunch. European Journal of Sport Science, 2021, 21, 1013-1021.	1.4	4
1438	The enhancement of fat oxidation during the active phase and suppression of body weight gain in glycerol-3-phosphate dehydrogenase 1 deficient mice. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2367-2373.	0.6	2
1439	Intragastric administration of AMG517, a TRPV1 antagonist, enhanced activity-dependent energy metabolism via capsaicin-sensitive sensory nerves in mice. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2121-2127.	0.6	4
1440	The relationship between peak fat oxidation and prolonged doubleâ€poling endurance exercise performance. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2044-2056.	1.3	5
1441	Comparable Exogenous Carbohydrate Oxidation from Lactose or Sucrose during Exercise. Medicine and Science in Sports and Exercise, 2020, 52, 2663-2672.	0.2	11
1442	Effect of carbohydrateâ€“protein supplementation on endurance training adaptations. European Journal of Applied Physiology, 2020, 120, 2273-2287.	1.2	2
1443	Leptin signalling on arcuate NPY neurones controls adiposity independent of energy balance or diet composition. Journal of Neuroendocrinology, 2020, 32, e12898.	1.2	11
1444	Sedentary Behaviors and Physical Activity Habits Independently Affect Fat Oxidation in Fasting Conditions and Capillary Glucose Levels After Standardized Glucose-Rich Meal in Healthy Females. Frontiers in Physiology, 2020, 11, 710.	1.3	1
1445	Two weeks of early time-restricted feeding (eTRF) improves skeletal muscle insulin and anabolic sensitivity in healthy men. American Journal of Clinical Nutrition, 2020, 112, 1015-1028.	2.2	64
1446	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests. Scientific Reports, 2020, 10, 12420.	1.6	5
1447	Effect of ambient temperature on fat oxidation during an incremental cycling exercise test. European Journal of Sport Science, 2021, 21, 1140-1147.	1.4	5
1448	Maytenus ilicifolia Extract Increases Oxygen Uptake without Changes in Neuromuscular Fatigue Development during a High-Intensity Interval Exercise. Journal of the American College of Nutrition, 2021, 40, 419-428.	1.1	1
1449	Assessment of energy expenditure: are calories measured differently for different diets?. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 312-318.	1.3	8
1450	A Mix of Natural Bioactive Compounds Reduces Fat Accumulation and Modulates Gene Expression in the Adipose Tissue of Obese Rats Fed a Cafeteria Diet. Nutrients, 2020, 12, 3251.	1.7	4
1451	Exercise-Induced Improvements in Postprandial Glucose Response Are Blunted by Pre-Exercise Hyperglycemia: A Randomized Crossover Trial in Healthy Individuals. Frontiers in Endocrinology, 2020, 11, 566548.	1.5	3
1452	Protocol for a single-centre, parallel-group, randomised, controlled, superiority trial on the effects of time-restricted eating on body weight, behaviour and metabolism in individuals at high risk of type 2 diabetes: the REStricted Eating Time (RESET) study. BMJ Open, 2020, 10, e037166.	0.8	13

#	Article	IF	Citations
1453	Three Weeks Daily Intake of Matcha Green Tea Powder Affects Substrate Oxidation during Moderate-Intensity Exercise in Females. Journal of Dietary Supplements, 2021, 18, 566-576.	1.4	2
1454	Nonexercise Activity Thermogenesis-Induced Energy Shortage Improves Postprandial Lipemia and Fat Oxidation. Life, 2020, 10, 166.	1.1	4
1455	A comparison of the metabolic effects of sustained strenuous activity in polar environments on men and women. Scientific Reports, 2020, 10, 13912.	1.6	5
1456	Fat-Free Mass Is Better Related to Serum Uric Acid Than Metabolic Homeostasis in Prader-Willi Syndrome. Nutrients, 2020, 12, 2583.	1.7	5
1457	Measuring power input, power output and energy conversion efficiency in un-instrumented flying birds. Journal of Experimental Biology, 2020, 223, .	0.8	8
1458	Physiological Responses and Nutritional Intake during a 7-Day Treadmill Running World Record. International Journal of Environmental Research and Public Health, 2020, 17, 5962.	1.2	7
1459	Effects of a single bout of walking on postprandial triglycerides in men of Chinese, European and Japanese descent: a multisite randomised crossover trial. BMJ Open Sport and Exercise Medicine, 2020, 6, e000928.	1.4	1
1460	Effect of low- and high-carbohydrate diets on swimming economy: a crossover study. Journal of the International Society of Sports Nutrition, 2020, 17, 64.	1.7	5
1461	Body composition, not dietary fatty acid composition, explains metabolic responses following a high-fat meal in premenopausal normal-weight women: a single-blind, randomised, crossover study. British Journal of Nutrition, 2020, 126, 1-11.	1.2	2
1462	Passive exposure to heat improves glucose metabolism in overweight humans. Acta Physiologica, 2020, 229, e13488.	1.8	33
1463	Metabolomics of Endurance Capacity in World Tour Professional Cyclists. Frontiers in Physiology, 2020, 11, 578.	1.3	32
1464	Addition of pectin-alginate to a carbohydrate beverage does not maintain gastrointestinal barrier function during exercise in hot-humid conditions better than carbohydrate ingestion alone. Applied Physiology, Nutrition and Metabolism, 2020, 45, 1145-1155.	0.9	19
1465	Î²-Hydroxybutyrate is reduced in humans with obesity-related NAFLD and displays a dose-dependent effect on skeletal muscle mitochondrial respiration in vitro. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E187-E195.	1.8	32
1466	Taurine Supplementation Increases Post-Exercise Lipid Oxidation at Moderate Intensity in Fasted Healthy Males. Nutrients, 2020, 12, 1540.	1.7	19
1467	Circadian Rhythm of Substrate Oxidation and Hormonal Regulators of Energy Balance. Obesity, 2020, 28, S104-S113.	1.5	15
1468	An acute bout of swimming increases post-exercise energy intake in young healthy men and women. Appetite, 2020, 154, 104785.	1.8	9
1469	The day-to-day reliability of peak fat oxidation and FATMAX. European Journal of Applied Physiology, 2020, 120, 1745-1759.	1.2	22
1470	Crisis of confidence averted: Impairment of exercise economy and performance in elite race walkers by ketogenic low carbohydrate, high fat (LCHF) diet is reproducible. PLoS ONE, 2020, 15, e0234027.	1.1	58

#	Article	IF	Citations
1471	Validity of predictive equations to estimate RMR in females with varying BMI. Journal of Nutritional Science, 2020, 9, e17.	0.7	9
1472	The effect of mirabegron on energy expenditure and brown adipose tissue in healthy lean South <scp>Asian and Europid</scp> men. Diabetes, Obesity and Metabolism, 2020, 22, 2032-2044.	2.2	25
1473	Effects of 3-month high-intensity interval training vs. moderate endurance training and 4-month follow-up on fat metabolism, cardiorespiratory function and mitochondrial respiration in obese adults. European Journal of Applied Physiology, 2020, 120, 1787-1803.	1.2	17
1474	Six high-intensity interval training sessions over 5 days increases maximal oxygen uptake, endurance capacity, and sub-maximal exercise fat oxidation as much as 6 high-intensity interval training sessions over 2 weeks. Journal of Sport and Health Science, 2020, 10, 478-487.	3.3	18
1475	Association between sleep quality and time with energy metabolism in sedentary adults. Scientific Reports, 2020, 10, 4598.	1.6	12
1476	Maximal fat oxidation capacity is associated with cardiometabolic risk factors in healthy young adults. European Journal of Sport Science, 2021, 21, 907-917.	1.4	11
1477	Energy utilisation and postprandial responses during sitting interrupted by regular activity breaks. Journal of Sports Sciences, 2020, 38, 2517-2524.	1.0	0
1478	Effects of Exercise Training during Christmas on Body Weight and Cardiometabolic Health in Overweight Individuals. International Journal of Environmental Research and Public Health, 2020, 17, 4732.	1.2	5
1479	The effect of dapagliflozin on apolipoprotein B and glucose fluxes in patients with type 2 diabetes and wellâ€controlled plasma LDL cholesterol. Diabetes, Obesity and Metabolism, 2020, 22, 988-996.	2.2	11
1480	Acute and chronic effects of multivitamin/mineral supplementation on objective and subjective energy measures. Nutrition and Metabolism, 2020, 17, 16.	1.3	4
1481	Eating breakfast and avoiding late-evening snacking sustains lipid oxidation. PLoS Biology, 2020, 18, e3000622.	2.6	31
1482	A 3-day dietary manipulation affects muscle glycogen and results in modifications of carbohydrate and fat metabolism during exercise when hyperglycaemic. European Journal of Applied Physiology, 2020, 120, 873-882.	1.2	2
1483	Menstrual cycle phase does not affect whole body peak fat oxidation rate during a graded exercise test. Journal of Applied Physiology, 2020, 128, 681-687.	1.2	31
1484	Impact of the Method Used to Select Gas Exchange Data for Estimating the Resting Metabolic Rate, as Supplied by Breath-by-Breath Metabolic Carts. Nutrients, 2020, 12, 487.	1.7	16
1485	Circulating Follistatin and Activin A and Their Regulation by Insulin in Obesity and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1343-1354.	1.8	23
1486	Childhood Leukemia Survivors and Metabolic Response to Exercise: A Pilot Controlled Study. Journal of Clinical Medicine, 2020, 9, 562.	1.0	4
1487	Effect of Plain Versus Sugarâ€Sweetened Breakfast on Energy Balance and Metabolic Health: A Randomized Crossover Trial. Obesity, 2020, 28, 740-748.	1.5	5
1488	Metabolic rate in sedentary adults, following different exercise training interventions: The FIT-AGEING randomized controlled trial. Clinical Nutrition, 2020, 39, 3230-3240.	2.3	20

#	Article	IF	Citations
1489	Metabolic flexibility is impaired in women who are pregnant and overweight/obese and related to insulin resistance and inflammation. Metabolism: Clinical and Experimental, 2020, 104, 154142.	1.5	38
1490	A Single Bout of One-Legged Exercise to Local Exhaustion Decreases Insulin Action in Nonexercised Muscle Leading to Decreased Whole-Body Insulin Action. Diabetes, 2020, 69, 578-590.	0.3	21
1491	Correlation of plasma metabolites with glucose and lipid fluxes in human insulin resistance. Obesity Science and Practice, 2020, 6, 340-349.	1.0	7
1492	A pilot study of the effects of a highâ€intensity aerobic exercise session on heart rate variability and arterial compliance in adolescents with or without type 1 diabetes. Pediatric Diabetes, 2020, 21, 486-495.	1.2	8
1493	Effect of wheat bran derived prebiotic supplementation on gastrointestinal transit, gut microbiota, and metabolic health: a randomized controlled trial in healthy adults with a slow gut transit. Gut Microbes, 2020, 12, 1704141.	4.3	46
1494	Acute Hyperenergetic, High-Fat Feeding Increases Circulating FGF21, LECT2, and Fetuin-A in Healthy Men. Journal of Nutrition, 2020, 150, 1076-1085.	1.3	27
1495	Effects of statin therapy and exercise on postprandial triglycerides in overweight individuals with hypercholesterolaemia. British Journal of Clinical Pharmacology, 2020, 86, 1089-1099.	1.1	13
1496	Study Protocol for Pleiotropic Effects and Safety of Sodiumâ€“Glucose CotransporterÂ2 Inhibitor Versus Sulfonylurea in Patients with TypeÂ2 Diabetes and Nonalcoholic Fatty Liver Disease. Diabetes Therapy, 2020, 11, 549-560.	1.2	7
1497	The role of appetite-related hormones, adaptive thermogenesis, perceived hunger and stress in long-term weight-loss maintenance: a mixed-methods study. European Journal of Clinical Nutrition, 2020, 74, 622-632.	1.3	31
1498	Selective stimulation of colonic L cells improves metabolic outcomes in mice. Diabetologia, 2020, 63, 1396-1407.	2.9	45
1499	Easy to Swallow Rice Cake as a Carbohydrate Source during Endurance Exercise Suppressed Feelings of Thirst and Hunger without Changing Exercise Performance. Journal of Nutritional Science and Vitaminology, 2020, 66, 128-135.	0.2	8
1500	Association of Basal Metabolic Rate and Nutrients Oxidation with Cardiometabolic Risk Factors and Insulin Sensitivity in Sedentary Middle-Aged Adults. Nutrients, 2020, 12, 1186.	1.7	5
1501	Association of sedentary and physical activity time with maximal fat oxidation during exercise in sedentary adults. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1605-1614.	1.3	14
1502	Anticipation of 24Âh severe energy restriction increases energy intake and reduces physical activity energy expenditure in the prior 24Âh, in healthy males. Appetite, 2020, 152, 104719.	1.8	11
1503	Rationale and design of a randomized controlled trial examining oral administration of bisphenol A on hepatic glucose production and skeletal muscle insulin sensitivity in adults. Contemporary Clinical Trials Communications, 2020, 17, 100549.	0.5	2
1504	Receptor for advanced glycation end products modulates oxidative stress and mitochondrial function in the soleus muscle of mice fed a high-fat diet. Applied Physiology, Nutrition and Metabolism, 2020, 45, 1107-1117.	0.9	8
1505	Metabolic monitoring via on-line analysis of ¹³C-enriched carbon dioxide in exhaled mouse breath using substrate-integrated hollow waveguide infrared spectroscopy and luminescence sensing combined with Bayesian sampling. Journal of Breath Research, 2021, 15, 026013.	1.5	5
1506	Ketogenic lowâ€CHO, highâ€fat diet: the future of elite endurance sport?. Journal of Physiology, 2021, 599, 819-843.	1.3	69

#	Article	IF	Citations
1507	Whey protein consumption following fasted exercise reduces early postprandial glycaemia in centrally obese males: a randomised controlled trial. European Journal of Nutrition, 2021, 60, 999-1011.	1.8	9
1508	The training induced increase in wholeâ€body peak fat oxidation rate may be attenuated with aging. European Journal of Sport Science, 2021, 21, 69-76.	1.4	6
1509	Evaluating the influence of differences in methodological approach on metabolic thresholds and fat oxidation points relationship. European Journal of Sport Science, 2021, 21, 61-68.	1.4	12
1510	The use of stoichiometric bioenergetics to elucidate metabolic energy substrate use and specific dynamic action in cultured juvenile spiny lobsters (Sagmariasus verreauxi) of different nutritional status. Aquaculture, 2021, 532, 736021.	1.7	9
1511	Adaptation to a low carbohydrate high fat diet is rapid but impairs endurance exercise metabolism and performance despite enhanced glycogen availability. Journal of Physiology, 2021, 599, 771-790.	1.3	56
1512	Oxidation of dietary linoleate occurs to a greater extent than dietary palmitate inÂvivo in humans. Clinical Nutrition, 2021, 40, 1108-1114.	2.3	11
1513	Daily mycoprotein consumption for 1 week does not affect insulin sensitivity or glycaemic control but modulates the plasma lipidome in healthy adults: a randomised controlled trial. British Journal of Nutrition, 2021, 125, 147-160.	1.2	30
1514	Taurine supplementation associated with exercise increases mitochondrial activity and fatty acid oxidation gene expression in the subcutaneous white adipose tissue of obese women. Clinical Nutrition, 2021, 40, 2180-2187.	2.3	33
1515	Hepatic Insulin Resistance Is Not Pathway Selective in Humans With Nonalcoholic Fatty Liver Disease. Diabetes Care, 2021, 44, 489-498.	4.3	42
1516	The effects of recombinant human insulinâ€like growth factorâ€1/insulinâ€like growth factor binding proteinâ€3 administration on lipid and carbohydrate metabolism in recreational athletes. Clinical Endocrinology, 2021, 94, 551-562.	1.2	2
1517	Effects of short-term continuous Montmorency tart cherry juice supplementation in participants with metabolic syndrome. European Journal of Nutrition, 2021, 60, 1587-1603.	1.8	17
1518	Parenteral nutrition impairs plasma bile acid and gut hormone responses to mixed meal testing in lean healthy men. Clinical Nutrition, 2021, 40, 1013-1021.	2.3	9
1519	Importance of Adipose Tissue NAD+ Biology in Regulating Metabolic Flexibility. Endocrinology, 2021, 162, .	1.4	12
1520	A 2 Week Cross-over Intervention with a Low Carbohydrate, High Fat Diet Compared to a High Carbohydrate Diet Attenuates Exercise-Induced Cortisol Response, but Not the Reduction of Exercise Capacity, in Recreational Athletes. Nutrients, 2021, 13, 157.	1.7	11
1521	Increased Fat Oxidation During Arm Cycling Exercise in Adult Men With Spinal Cord Injury Compared With Noninjured Controls. International Journal of Sport Nutrition and Exercise Metabolism, 2022, 32, 30-40.	1.0	1
1522	Nicotinamide riboside supplementation does not alter wholeâ€body or skeletal muscle metabolic responses to a single bout of endurance exercise. Journal of Physiology, 2021, 599, 1513-1531.	1.3	31
1523	Placebo Effect of Caffeine on Substrate Oxidation during Exercise. Nutrients, 2021, 13, 782.	1.7	4
1524	The estimation of the resting metabolic rate is affected by the method of gas exchange data selection in high-level athletes. Clinical Nutrition ESPEN, 2021, 41, 234-241.	0.5	5

#	Article	IF	Citations
1525	Background Inactivity Blunts Metabolic Adaptations to Intense Short-Term Training. Medicine and Science in Sports and Exercise, 2021, 53, 1937-1944.	0.2	9
1526	A Single Bout of Upper-Body Exercise Has No Effect on Postprandial Metabolism in Persons with Chronic Paraplegia. Medicine and Science in Sports and Exercise, 2021, 53, 1041-1049.	0.2	5
1527	Resting skeletal muscle PNPLA2 (ATGL) and CPT1B are associated with peak fat oxidation rates in men and women but do not explain observed sex differences. Experimental Physiology, 2021, 106, 1208-1223.	0.9	11
1528	Uncertain association between maximal fat oxidation during exercise and cardiometabolic risk factors in healthy sedentary adults. European Journal of Sport Science, 2022, 22, 926-936.	1.4	6
1529	Influence of ACE Gene I/D Polymorphism on Cardiometabolic Risk, Maximal Fat Oxidation, Cardiorespiratory Fitness, Diet and Physical Activity in Young Adults. International Journal of Environmental Research and Public Health, 2021, 18, 3443.	1.2	17
1530	Monitoring Lipolysis by Sensing Breath Acetone down to Partsâ€perâ€Billion. Small Science, 2021, 1, 2100004.	5.8	20
1531	Physiological and Metabolic Responses to Exercise on Treadmill, Elliptical Trainer, and Stepper: Practical Implications for Training. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 135-142.	1.0	0
1532	Glycine and Nâ€acetylcysteine (GlyNAC) supplementation in older adults improves glutathione deficiency, oxidative stress, mitochondrial dysfunction, inflammation, insulin resistance, endothelial dysfunction, genotoxicity, muscle strength, and cognition: Results of a pilot clinical trial. Clinical and Translational Medicine, 2021, 11, e372.	1.7	71
1533	Substrate metabolism during recovery from circuit resistance exercise in persons with spinal cord injury. European Journal of Applied Physiology, 2021, 121, 1631-1640.	1.2	4
1534	Effect of highâ€intensity interval training on cardiometabolic component risks in persons with paraplegia: Protocol for a randomized controlled trial. Experimental Physiology, 2021, 106, 1159-1165.	0.9	5
1535	Photoperiod Manipulation Reveals a Light-Driven Component to Daily Patterns of Ventilation in Male C57Bl/6J Mice. Journal of Biological Rhythms, 2021, 36, 346-358.	1.4	3
1536	Maximal Fat Oxidation During Exercise Is Already Impaired in Pre-pubescent Children With Type 1 Diabetes Mellitus. Frontiers in Physiology, 2021, 12, 664211.	1.3	6
1537	Impact of an intermittent and localized cooling intervention on skin temperature, sleep quality and energy expenditure in free-living, young, healthy adults. Journal of Thermal Biology, 2021, 97, 102875.	1.1	5
1538	Effect of Ethnicity on Changes in Fat and Carbohydrate Oxidation in Response to Short-Term High Intensity Interval Training (HIIT): A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 4314.	1.2	1
1539	Foregut Exclusion Enhances Incretin and Insulin Secretion After Roux-en-Y Gastric Bypass in Adults With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4192-e4201.	1.8	3
1540	Effect of Capsinoids Supplementation on Fat Oxidation and Muscle Glycogen Restoration During Post-exercise Recovery in Humans. Current Pharmaceutical Design, 2021, 27, 981-988.	0.9	3
1541	Relationships between diet and basal fat oxidation and maximal fat oxidation during exercise in sedentary adults. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1087-1101.	1.1	10
1542	Interactive effects of acute exercise and carbohydrate-energy replacement on insulin sensitivity in healthy adults. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1207-1215.	0.9	1

#	Article	IF	Citations
1543	Regulation of Energy Substrate Metabolism in Endurance Exercise. International Journal of Environmental Research and Public Health, 2021, 18, 4963.	1.2	25
1544	Peripheral-specific Y1 receptor antagonism increases thermogenesis and protects against diet-induced obesity. Nature Communications, 2021, 12, 2622.	5.8	34
1545	Objective assessment of metabolism and guidance of ICU rehabilitation with cardiopulmonary exercise testing. Current Opinion in Critical Care, 2021, 27, 390-398.	1.6	4
1546	Dynamics of Fat Oxidation from Sitting at Rest to Light Exercise in Inactive Young Humans. Metabolites, 2021, 11, 334.	1.3	3
1547	Lipid oxidation during thermogenesis in high-altitude deer mice (Peromyscus maniculatus). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R735-R746.	0.9	5
1548	Determinants of Peak Fat Oxidation Rates During Cycling in Healthy Men and Women. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 227-235.	1.0	4
1549	Irisin, Fibroplast Growth Factor-21, and Follistatin Responses to Endurance Rowing Training Session in Female Rowers. Frontiers in Physiology, 2021, 12, 689696.	1.3	6
1550	The PERSonalized Glucose Optimization Through Nutritional Intervention (PERSON) Study: Rationale, Design and Preliminary Screening Results. Frontiers in Nutrition, 2021, 8, 694568.	1.6	13
1551	Exercise Fat Oxidation Is Positively Associated with Body Fatness in Men with Obesity: Defying the Metabolic Flexibility Paradigm. International Journal of Environmental Research and Public Health, 2021, 18, 6945.	1.2	5
1552	Ninjin'yoeito modulates feeding and activity under negative energy balance conditions via the NPY system. Neuropeptides, 2021, 87, 102149.	0.9	4
1553	Comparisons of isomaltulose, sucrose, and mixture of glucose and fructose ingestions on postexercise hydration state in young men. European Journal of Nutrition, 2021, 60, 4519-4529.	1.8	4
1554	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. Science Translational Medicine, 2021, 13, .	5.8	56
1555	Impact of slow versus rapid digesting carbohydrates on substrate oxidation in pre-pubertal children: A randomized crossover trial. Clinical Nutrition, 2021, 40, 3718-3728.	2.3	4
1556	Postpartum Metabolism: How Does It Change from Pregnancy and What are the Potential Implications?. International Journal of Women's Health, 2021, Volume 13, 591-599.	1.1	5
1557	Faecal microbial metabolites of proteolytic and saccharolytic fermentation in relation to degree of insulin resistance in adult individuals. Beneficial Microbes, 2021, 12, 259-266.	1.0	4
1558	Feasibility of achieving different protein targets using a hypocaloric high-protein enteral formula in critically ill patients. Critical Care, 2021, 25, 204.	2.5	5
1559	Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. Journal of Physiology, 2022, 600, 921-947.	1.3	18
1560	The effect of the menstrual cycle and hyperglycaemia on hormonal and metabolic responses during exercise. European Journal of Applied Physiology, 2021, 121, 2993-3003.	1.2	6

#	Article	IF	Citations
1561	Physically active men with high brown adipose tissue activity showed increased energy expenditure after caffeine supplementation. Journal of Thermal Biology, 2021, 99, 103000.	1.1	5
1562	Effects of short-term graded dietary carbohydrate intake on intramuscular and whole body metabolism during moderate-intensity exercise. Journal of Applied Physiology, 2021, 131, 376-387.	1.2	5
1563	Associations between fatty acid composition in serum cholesteryl esters and liver fat, basal fat oxidation, and resting energy expenditure: a population-based study. American Journal of Clinical Nutrition, 2021, 114, 1743-1751.	2.2	8
1564	Hibiscus sabdariffa tea affects diet-induced thermogenesis and subjective satiety responses in healthy men but not in women: a randomized crossover trial. Applied Physiology, Nutrition and Metabolism, 2022, 47, 429-438.	0.9	1
1565	Effects of neuromuscular electrical stimulation on energy expenditure and postprandial metabolism in healthy men. Applied Physiology, Nutrition and Metabolism, 2022, 47, 27-33.	0.9	4
1566	Four Weeks of 16/8 Time Restrictive Feeding in Endurance Trained Male Runners Decreases Fat Mass, without Affecting Exercise Performance. Nutrients, 2021, 13, 2941.	1.7	16
1567	Twenty-four hour assessments of substrate oxidation reveal differences in metabolic flexibility in type 2 diabetes that are improved with aerobic training. Diabetologia, 2021, 64, 2322-2333.	2.9	8
1568	Lipids activate skeletal muscle mitochondrial fission and quality control networks to induce insulin resistance in humans. Metabolism: Clinical and Experimental, 2021, 121, 154803.	1.5	40
1569	Increased cardiorespiratory stress during submaximal cycling after ketone monoester ingestion in endurance-trained adults. Applied Physiology, Nutrition and Metabolism, 2021, 46, 986-993.	0.9	13
1570	Peak Fat Oxidation Rate Is Closely Associated With Plasma Free Fatty Acid Concentrations in Women; Similar to Men. Frontiers in Physiology, 2021, 12, 696261.	1.3	5
1571	Differences in net fat oxidation, heat production, and liver mitochondrial DNA copy numbers between high and low feed-efficient dairy cows. Journal of Dairy Science, 2021, 104, 9287-9303.	1.4	9
1572	Accelerometerâ€measured physical activity and sedentary time are associated with maximal fat oxidation in young adults. European Journal of Sport Science, 2022, 22, 1595-1604.	1.4	3
1573	A xanthene derivative, DS20060511, attenuates glucose intolerance by inducing skeletal muscle-specific GLUT4 translocation in mice. Communications Biology, 2021, 4, 994.	2.0	4
1574	A single bout of exercise improves vascular insulin sensitivity in adults with obesity. Obesity, 2021, 29, 1487-1496.	1.5	10
1575	Elevated lipid oxidation is associated with exceeding gestational weight gain recommendations and increased neonatal anthropometrics: a cross-sectional analysis. BMC Pregnancy and Childbirth, 2021, 21, 575.	0.9	0
1576	Blocking endogenous IL-6 impairs mobilization of free fatty acids during rest and exercise in lean and obese men. Cell Reports Medicine, 2021, 2, 100396.	3.3	15
1577	Nordic Walking at Maximal Fat Oxidation Intensity Decreases Circulating Asprosin and Visceral Obesity in Women With Metabolic Disorders. Frontiers in Physiology, 2021, 12, 726783.	1.3	12
1578	APOÎ•4 lowers energy expenditure in females and impairs glucose oxidation by increasing flux through aerobic glycolysis. Molecular Neurodegeneration, 2021, 16, 62.	4.4	34

#	Article	IF	Citations
1579	Effect of Exercise Training on Fat Lossâ€"Energetic Perspectives and the Role of Improved Adipose Tissue Function and Body Fat Distribution. Frontiers in Physiology, 2021, 12, 737709.	1.3	24
1580	Exerciseâ€induced amplification of mitogenâ€stimulated oxidative burst in whole blood is strongly influenced by neutrophil counts during and following exercise. Physiological Reports, 2021, 9, e15010.	0.7	1
1581	Diurnal variations of cold-induced thermogenesis in young, healthy adults: A randomized crossover trial. Clinical Nutrition, 2021, 40, 5311-5321.	2.3	5
1582	Mild intermittent hypoxia exposure induces metabolic and molecular adaptations in men with obesity. Molecular Metabolism, 2021, 53, 101287.	3.0	8
1583	Accentuated early postprandial satiety in people with spinal cord injury versus able-bodied controls. Appetite, 2021, 167, 105628.	1.8	4
1584	Caffeine increases maximal fat oxidation during a graded exercise test: is there a diurnal variation?. Journal of the International Society of Sports Nutrition, 2021, 18, 5.	1.7	20
1585	Increasing skeletal muscle carnitine content in older individuals increases wholeâ€body fat oxidation during moderateâ€intensity exercise. Aging Cell, 2021, 20, e13303.	3.0	15
1586	Neonatal Energy Metabolism. , 1998, , 1001-1025.		1
1587	Neonatal Energy Metabolism. , 1991, , 583-608.		3
1588	Energy metabolism. , 1990, , 72-103.		1
1589	Energy balance methodology. , 1991, , 113-130.		1
1590	Metabolism of Nutritive Sweeteners in Humans. , 2014, , 35-50.		4
1591	Modeling of Carbohydrates Oxidation Rate During Exercise in Type 1 Highly-Trained Diabetic Patients. IFMBE Proceedings, 2020, , 559-566.	0.2	3
1592	Whole Body Energy Metabolism in the Hyperdynamic Phase of Sepsis. Update in Intensive Care and Emergency Medicine, 1987, , 197-213.	0.6	1
1593	Role of Mitochondrial Function in Insulin Resistance. Advances in Experimental Medicine and Biology, 2012, 942, 215-234.	0.8	7
1594	Multiple defects of both hepatic and peripheral intracellular glucose processing contribute to the hyperglycaemia of NIDDM. Diabetologia, 1995, 38, 326-336.	2.9	5
1595	Peripheral and hepatic insulin sensitivity in subjects with impaired glucose tolerance. Diabetologia, 1995, 38, 699-704.	2.9	7
1596	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2004, , 449-464.		3

#	Article	IF	Citations
1597	In vivo regulation of lipolysis in humans.. Journal of Lipid Research, 1994, 35, 177-193.	2.0	325
1598	Noninvasive neuromodulation of the prefrontal cortex in young women with obesity: a randomized clinical trial. International Journal of Obesity, 2020, 44, 1279-1290.	1.6	9
1599	The SGLT2 inhibitor canagliflozin suppresses lipid synthesis and interleukin-1 beta in ApoE deficient mice. Biochemical Journal, 2020, 477, 2347-2361.	1.7	26
1600	Why a <scp>d</scp>-Î²-hydroxybutyrate monoester?. Biochemical Society Transactions, 2020, 48, 51-59.	1.6	51
1601	The 24-h carbohydrate oxidation rate in a human respiratory chamber predicts ad libitum food intake. American Journal of Clinical Nutrition, 2007, 86, 625-32.	2.2	90
1602	Beta-Blockade Lowers Peripheral Lipolysis in Burn Patients Receiving Growth Hormone. Annals of Surgery, 1996, 223, 777-789.	2.1	100
1603	Manipulation of substrate utilization with somatostatin in patients with secondary multiple organ dysfunction syndrome. Critical Care Medicine, 1995, 23, 71-77.	0.4	11
1604	Effects of human growth hormone in critically ill nonseptic patients. Critical Care Medicine, 1995, 23, 665-673.	0.4	69
1605	Effects of isoenergetic glucose-based or lipid-based parenteral nutrition on glucose metabolism, de novo lipogenesis, and respiratory gas exchanges in critically ill patients. Critical Care Medicine, 1998, 26, 860-867.	0.4	730
1606	Pre-exercise carbohydrate ingestion: effect of the glycemic index on endurance exercise performance. Medicine and Science in Sports and Exercise, 1998, 30, 844-849.	0.2	60
1607	The effect of a preexercise meal on time to fatigue during prolonged cycling exercise. Medicine and Science in Sports and Exercise, 1999, 31, 464-471.	0.2	54
1608	Effects of different interval-training programs on cycling time-trial performance. Medicine and Science in Sports and Exercise, 1999, 31, 736-741.	0.2	141
1609	THE EFFECTS OF MAINTENANCE DOSES OF FK506 VERSUS CYCLOSPORIN A ON GLUCOSE AND LIPID METABOLISM AFTER ORTHOTOPIC LIVER TRANSPLANTATION1. Transplantation, 1999, 68, 1532-1541.	0.5	82
1610	Energy expenditure in wasting diseases: current concepts and measurement techniques. Current Opinion in Clinical Nutrition and Metabolic Care, 1999, 2, 445-451.	1.3	11
1612	Fat utilization during exercise: adaptation to a fat-rich diet increases utilization of plasma fatty acids and very low density lipoprotein-triacylglycerol in humans. Journal of Physiology, 2001, 537, 1009-20.	1.3	60
1613	Pathways for glucose disposal after meal ingestion in humans. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E716-E725.	1.8	97
1614	Regulation of free fatty acid metabolism by insulin in humans: role of lipolysis and reesterification. American Journal of Physiology - Endocrinology and Metabolism, 1992, 263, E1063-E1069.	1.8	40
1615	Concepts of indirect calorimetry on metabolic disorders: a narrative review. , 2020, 99, 581-590.	0.0	1

#	Article	IF	Citations
1616	Insulin-Resistant Lipolysis in Abdominally Obese Hypertensive Individuals. Hypertension, 1996, 28, 120-126.	1.3	79
1617	Hyperglucagonemia and insulin-mediated glucose metabolism.. Journal of Clinical Investigation, 1987, 79, 547-556.	3.9	84
1618	Effects of insulin infusion on human skeletal muscle pyruvate dehydrogenase, phosphofructokinase, and glycogen synthase. Evidence for their role in oxidative and nonoxidative glucose metabolism.. Journal of Clinical Investigation, 1987, 80, 655-663.	3.9	178
1619	Skeletal muscle glycolysis, oxidation, and storage of an oral glucose load.. Journal of Clinical Investigation, 1988, 81, 1563-1571.	3.9	263
1620	Whole-body lipolysis and triglyceride-fatty acid cycling in cachectic patients with esophageal cancer.. Journal of Clinical Investigation, 1990, 86, 1403-1408.	3.9	77
1621	Hyperglycemia normalizes insulin-stimulated skeletal muscle glucose oxidation and storage in noninsulin-dependent diabetes mellitus.. Journal of Clinical Investigation, 1990, 86, 1999-2007.	3.9	177
1622	Obesity and the metabolic response to severe multiple trauma in man.. Journal of Clinical Investigation, 1991, 87, 262-269.	3.9	163
1623	Effect of the antilipolytic nicotinic acid analogue acipimox on whole-body and skeletal muscle glucose metabolism in patients with non-insulin-dependent diabetes mellitus.. Journal of Clinical Investigation, 1991, 88, 1282-1290.	3.9	105
1624	Decreased insulin activation of glycogen synthase in skeletal muscles in young nonobese Caucasian first-degree relatives of patients with non-insulin-dependent diabetes mellitus.. Journal of Clinical Investigation, 1992, 89, 782-788.	3.9	276
1625	Metabolic handling of orally administered glucose in cirrhosis.. Journal of Clinical Investigation, 1993, 91, 1057-1066.	3.9	46
1626	Glycogen synthase and phosphofructokinase protein and mRNA levels in skeletal muscle from insulin-resistant patients with non-insulin-dependent diabetes mellitus.. Journal of Clinical Investigation, 1993, 91, 2342-2350.	3.9	89
1627	Short-term effects of tumor necrosis factor on energy and substrate metabolism in dogs.. Journal of Clinical Investigation, 1993, 91, 2437-2445.	3.9	31
1628	Fatty acid kinetic responses to exercise. Effects of obesity, body fat distribution, and energy-restricted diet.. Journal of Clinical Investigation, 1993, 92, 255-261.	3.9	70
1629	Interaction between glucose and free fatty acid metabolism in human skeletal muscle.. Journal of Clinical Investigation, 1993, 92, 91-98.	3.9	390
1630	Increased glucose effectiveness in normoglycemic but insulin-resistant relatives of patients with non-insulin-dependent diabetes mellitus. A novel compensatory mechanism.. Journal of Clinical Investigation, 1994, 94, 1196-1204.	3.9	95
1631	Skeletal muscle utilization of free fatty acids in women with visceral obesity.. Journal of Clinical Investigation, 1995, 95, 1846-1853.	3.9	275
1632	Severe insulin-resistant diabetes mellitus in patients with congenital muscle fiber type disproportion myopathy.. Journal of Clinical Investigation, 1995, 95, 1925-1932.	3.9	23
1633	Loss of hepatic autoregulation after carbohydrate overfeeding in normal man.. Journal of Clinical Investigation, 1995, 96, 1967-1972.	3.9	42

#	Article	IF	Citations
1634	Glucose plus insulin regulate fat oxidation by controlling the rate of fatty acid entry into the mitochondria.. Journal of Clinical Investigation, 1996, 98, 2244-2250.	3.9	191
1635	Metabolic effects of liver transplantation in cirrhotic patients.. Journal of Clinical Investigation, 1997, 99, 692-700.	3.9	45
1636	Regulation of glucose homeostasis in humans with denervated livers.. Journal of Clinical Investigation, 1997, 100, 931-941.	3.9	95
1637	Acute exercise increases triglyceride synthesis in skeletal muscle and prevents fatty acidâ€“induced insulin resistance. Journal of Clinical Investigation, 2007, 117, 1690-1698.	3.9	333
1638	A liver stress-endocrine nexus promotes metabolic integrity during dietary protein dilution. Journal of Clinical Investigation, 2016, 126, 3263-3278.	3.9	138
1639	Dose response of a novel exogenous ketone supplement on physiological, perceptual and performance parameters. Nutrition and Metabolism, 2020, 17, 81.	1.3	14
1640	Modified Hormonal Effects on Fat Metabolism after Severe Head Injury in Children. Pediatric Research, 1996, 39, 1012-1019.	1.1	3
1641	Augmented Hepatic and Skeletal Thyromimetic Effects of Tiratricol in Comparison with Levothyroxine. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2153-2158.	1.8	54
1642	Locomotory Energetics and Metabolic Fuel Reserves of the Virginia Opossum. Journal of Experimental Biology, 1994, 197, 1-16.	0.8	28
1643	Design of the Oxygen and Substrate Pathways: II. Defining the Upper Limits of Carbohydrate and Fat Oxidation. Journal of Experimental Biology, 1996, 199, 1651-1658.	0.8	103
1644	Design of the Oxygen and Substrate Pathways: IV. Partitioning Energy Provision From Fatty Acids. Journal of Experimental Biology, 1996, 199, 1667-1674.	0.8	48
1645	Energy metabolism of the Virginia opossum during fasting and exercise. Journal of Experimental Biology, 2000, 203, 1365-1371.	0.8	16
1646	Pre-exercise carbohydrate ingestion. Medicine and Science in Sports and Exercise, 1998, 30, 844-849.	0.2	34
1647	Bicarbonate Unlocks the Ergogenic Action of Ketone Monoester Intake in Endurance Exercise. Medicine and Science in Sports and Exercise, 2021, 53, 431-441.	0.2	35
1648	Daily Step Count and Postprandial Fat Metabolism. Medicine and Science in Sports and Exercise, 2021, 53, 333-340.	0.2	10
1649	Skeletal Muscle ACSL Isoforms Relate to Measures of Fat Metabolism in Humans. Medicine and Science in Sports and Exercise, 2021, 53, 624-632.	0.2	6
1650	The Effect of Blood Ketone Concentration and Exercise Intensity on Exogenous Ketone Oxidation Rates in Athletes. Medicine and Science in Sports and Exercise, 2021, 53, 505-516.	0.2	38
1651	Acute Ketogenic Diet and Ketone Ester Supplementation Impairs Race Walk Performance. Medicine and Science in Sports and Exercise, 2021, 53, 776-784.	0.2	20

#	Article	IF	Citations
1652	A new method for the measurement of maximal fat oxidation: a pilot study. Acta Kinesiologiae Universitatis Tartuensis, 2015, 20, 90.	0.5	3
1653	NPY Neuron-Specific Y2 Receptors Regulate Adipose Tissue and Trabecular Bone but Not Cortical Bone Homeostasis in Mice. PLoS ONE, 2010, 5, e11361.	1.1	62
1654	Macrophage Inhibitory Cytokine 1 (MIC-1/GDF15) Decreases Food Intake, Body Weight and Improves Glucose Tolerance in Mice on Normal & Obesogenic Diets. PLoS ONE, 2012, 7, e34868.	1.1	156
1655	Relationships between Mitochondrial Function and Metabolic Flexibility in Type 2 Diabetes Mellitus. PLoS ONE, 2013, 8, e51648.	1.1	62
1656	TGF-b Superfamily Cytokine MIC-1/GDF15 Is a Physiological Appetite and Body Weight Regulator. PLoS ONE, 2013, 8, e55174.	1.1	142
1657	Skeletal Muscle Perilipin 3 and Coatomer Proteins Are Increased following Exercise and Are Associated with Fat Oxidation. PLoS ONE, 2014, 9, e91675.	1.1	44
1658	Reproducibility of Fatmax and Fat Oxidation Rates during Exercise in Recreationally Trained Males. PLoS ONE, 2014, 9, e97930.	1.1	44
1659	UCP1 and UCP3 Expression Is Associated with Lipid and Carbohydrate Oxidation and Body Composition. PLoS ONE, 2016, 11, e0150811.	1.1	20
1660	Fat max as an index of aerobic exercise performance in mice during uphill running. PLoS ONE, 2018, 13, e0193470.	1.1	11
1661	A placebo-controlled randomized study with testosterone in Klinefelter syndrome: beneficial effects on body composition. Endocrine Connections, 2019, 8, 1250-1261.	0.8	28
1662	Mixed drink increased carbohydrate oxidation but not performance during a 40 km time trial. SA Sports Medicine, 2016, 28, 79-84.	0.1	1
1663	Association of basal metabolic rate and fuel oxidation in basal conditions and during exercise, with plasma S-klotho: the FIT-AGEING study. Aging, 2019, 11, 5319-5333.	1.4	14
1664	Cardiorespiratory fitness and fat oxidation during exercise as protective factors for insulin resistance in sedentary women with overweight or obesity. Nutricion Hospitalaria, 2018, 35, 312-317.	0.2	8
1665	An Exercise Intervention to Unravel the Mechanisms Underlying Insulin Resistance in a Cohort of Black South African Women: Protocol for a Randomized Controlled Trial and Baseline Characteristics of Participants. JMIR Research Protocols, 2018, 7, e75.	0.5	19
1666	Altered Myocellular and Abdominal Fat Partitioning Predict Disturbance in Insulin Action in HIV Protease Inhibitor-Related Lipodystrophy. Diabetes, 2002, 51, 3163-3169.	0.3	119
1667	Effects of an Exogenous Ketone Supplement on Fiveâ€Kilometer Running Performance. Journal of Human Kinetics, 2020, 72, 115-127.	0.7	17
1668	Exercise, Heat Stress and the Interleukin-6 Response: Support for Temperature-Mediated Neuroendocrine Regulatory Mechanisms. Medicina Sportiva, 2010, 14, 96-102.	0.3	7
1669	Does the energy expenditure status in obstructive sleep apnea favour a positive energy balance?. Clinical and Investigative Medicine, 2007, 30, 262.	0.3	14

#	Article	IF	Citations
1670	Statins Do Not Impair Whole-body Fat Oxidation During Moderate-intensity Exercise in Dyslipidemic Adults. Exercise Medicine, 0, 2, 12.	0.0	1
1671	High-oleic peanuts increase diet-induced thermogenesis in overweight and obese men. Nutricion Hospitalaria, 2014, 29, 1024-32.	0.2	22
1673	Fat Oxidation Kinetics Is Related to Muscle Deoxygenation Kinetics During Exercise. Frontiers in Physiology, 2020, 11, 571.	1.3	7
1674	Chapter 5: Moving from a complete energy balance towards substrate oxidation: use of stable isotopes. , 2015, , 87-114.		12
1675	Accumulating short bouts of brisk walking reduces postprandial plasma triacylglycerol concentrations and resting blood pressure in healthy young men. American Journal of Clinical Nutrition, 2008, 88, 1225-31.	2.2	95
1676	A Prospective Observational Study of Obesity, Body Composition, and Insulin Resistance in 18 Women With Bipolar Disorder and 17 Matched Control Subjects. Journal of Clinical Psychiatry, 2008, 69, 1892-1900.	1.1	29
1677	Maximal fat oxidation at the different exercise intensity in obese and normal weight men in the morning and evening. Journal of Human Sport and Exercise, 2011, 6, 49-58.	0.2	23
1678	Does a 24-hour ultra-swim lead to dehydration?. Journal of Human Sport and Exercise, 2011, 6, 68-79.	0.2	9
1679	A Pilot Randomised Study of the Metabolic and Histological Effects of Exercise in Non-alcoholic Steatohepatitis. Journal of Diabetes & Metabolism, 2013, 04, .	0.2	6
1680	Independent effects of diet and exercise training on fat oxidation in non-alcoholic fatty liver disease. World Journal of Hepatology, 2016, 8, 1137.	0.8	5
1681	RELAÃ‡ÃƒO ENTRE POLIMORFISMOS GENÃ‰TICOS, LIPÃ“LISE, METABOLISMO DE LIPÃDEOS E EXERCÃCIOS AERÃ“BIOS. Pensar A PrÃ¡tica, 2016, 19, .	0.2	3
1682	Effect of one night of sleep deprivation on maximal fat oxidation during graded exercise. The Journal of Physical Fitness and Sports Medicine, 2013, 2, 121-126.	0.2	3
1683	EFFECT OF PEDAL RATE AND TORQUE ON MUSCLE OXYGENATION AND ENERGY METABOLISM. Japanese Journal of Physical Fitness and Sports Medicine, 2005, 54, 229-235.	0.0	2
1684	Influence of exercise duration on cardiorespiratory responses, energy cost and tissue oxygenation within a 6 hour treadmill run. PeerJ, 2017, 5, e3694.	0.9	2
1685	Re-examination of the contribution of substrates to energy expenditure during high-intensity intermittent exercise in endurance athletes. PeerJ, 2017, 5, e3769.	0.9	8
1686	L-arabinose co-ingestion delays glucose absorption derived from sucrose in healthy men and women: a double-blind, randomised crossover trial. British Journal of Nutrition, 2022, 128, 1072-1081.	1.2	6
1687	Time-optimized feeding is beneficial without enforced fasting. Open Biology, 2021, 11, 210183.	1.5	4
1688	Lack of neuropeptide FF signalling in mice leads to reduced repetitive behavior, altered drinking behavior, and fuel type selection. FASEB Journal, 2021, 35, e21980.	0.2	14

#	Article	IF	Citations
1689	Aberrant Mechanical Efficiency during Exercise Relates to Metabolic Health and Exercise Intolerance in Adolescents with Obesity. International Journal of Environmental Research and Public Health, 2021, 18, 10578.	1.2	2
1690	Decreased Fatty Acid Oxidation and Altered Lactate Production during Exercise in Patients with Post-acute COVID-19 Syndrome. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 126-129.	2.5	64
1691	A systematic comparison of commonly used stoichiometric equations to estimate fat oxidation during exercise in athletes. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1354-1361.	0.4	3
1692	The Molecular Basis of Insulin Action and Insulin Resistance. Growth Hormone, 2001, , 133-190.	0.2	0
1693	MINUTE-BY-MINUTE HEART RATE MONITORING TO ESTIMATE ENERGY EXPENDITURE DURING CYCLING AND RUNNING. Medicine and Science in Sports and Exercise, 2001, 33, S251.	0.2	0
1694	O consumo aerÃ³bico e o gasto energÃ©tico durante o Bodypump. Fitness & Performance Journal, 2003, 2, 113-121.	0.0	5
1695	La demanda aerÃ³bica y el gasto energÃ©tico durante la clase de Bodypump. Fitness & Performance Journal, 2003, 2, 113-120.	0.0	0
1696	Aerobic Consumption and Energy Expenditure During Body Pu. Fitness & Performance Journal, 2003, 2, 113-120.	0.0	1
1697	Lipids as an Energy Source for the Premature and Full-Term Neonate. , 2004, , 415-418.		1
1698	Regulation of intermediary metabolism. , 2006, , 783-793.		0
1699	CASE STUDY OF BLOOD GLUCOSE FLUCTUATION AND PERFORMANCE DURING 100 km MARATHON RACE. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 285-294.	0.0	2
1700	CHANGES IN SUBSTRATE OXIDATION PERSIST OVERNIGHT AFTER A MARATHON RACE. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 163-168.	0.0	1
1701	Reply to B. Kay. American Journal of Physiology - Advances in Physiology Education, 2008, 32, 246-247.	0.8	1
1702	Effects of a Low Carbohydrate Weight Loss Diet on Exercise Capacity and Tolerance in Obese Subjects. Obesity, 0, , .	1.5	0
1703	Influence of the type of exercise mode and intensity on MFOX and Fatmax of male and female cyclists.. Exercise Science, 2010, 19, 361-370.	0.1	0
1704	Efeito do Ãndice glicÃªmico no gasto energÃ©tico e utilizaÃ§Ã£o de substrato energÃ©tico antes e depois de exercÃcio cicloergomÃ©trico. Revista De Nutricao, 2010, 23, 947-958.	0.4	0
1705	Metabolism of Glucose and Methods of Investigation in the Fetus and Newborn. , 2011, , 517-533.		9
1706	Lipids as an Energy Source for the Premature and Full-Term Neonate. , 2011, , 483-487.		0

#	Article	IF	Citations
1707	Performance assessment in elite football players: field level test versus spiroergometry. Journal of Human Sport and Exercise, 2012, 7, 287-295.	0.2	3
1708	Nutrition Monitoring in the PICU. , 2014, , 579-601.		3
1709	Biophysikalische Grundlagen der NÃhrstoffzufuhr. Klinische Anasthesiologie Und Intensivtherapie, 1990, , 110-122.	0.1	2
1710	Substrate Utilization During Exercise in Chronic Cardiac Failure. , 1991, , 374-381.		0
1711	Doubly Labeled Water Measurements and Calorimetry in Practice. , 1991, , 177-206.		2
1712	Metabolic Studies in Human Subjects. ATLA Alternatives To Laboratory Animals, 1991, 19, 251-262.	0.7	1
1715	Chapter 1: Deriving heat production from gaseous exchange: validity of the approach. , 2015, , 19-34.		6
1716	Altered maternal lipid metabolism is associated with higher inflammation in obese women during late pregnancy. Integrative Obesity and Diabetes, 2016, 2, 168-175.	0.2	12
1717	Comparison between continuous and intermittent submaximal exercise at the intensity of maximal fat oxidation. Journal of Human Sciences, 2016, 13, 4604.	0.2	2
1718	The effect of carbohydrate ingestion on the experience of fatigue during prolonged exercise. MaRBLe, 0, 6, .	0.0	0
1719	Influence of CHO Ingestion on Exercise Performance and Fuel Utilization. , 2019, 01, .		0
1720	Beta-Blocker Type Effect on Substrate Oxidation during HIIE in Heart Failure Patients: Pilot Data. Arquivos Brasileiros De Cardiologia, 2019, 112, 304-308.	0.3	0
1721	Product Development of Rice Energy Gel and Effect on Blood Glucose and Lactate Concentration in General Sport Subject. International Journal of Electrical Energy, 2019, , 234-241.	0.4	1
1723	Effects of a 12-Week Exercise Intervention on Subsequent Compensatory Behaviors in Adolescent Girls: An Exploratory Study. Pediatric Exercise Science, 2019, 31, 495-504.	0.5	3
1724	Sedanter bireyler ve sporcularda substrat kesiÅŸim noktasÄ±ndaki yaÄŸ oksidasyon hÄ±zlarÄ±nÄ±n karÅŸÄ±laÅŸtÄ±rÄ±lmasÄ±. Cukurova Medical Journal, 0, 44, 412-418.	0.1	0
1725	FarklÄ± aerobik kapasiteye sahip kiÅŸilerde yaÄŸ oksidasyon devamlÄ±lÄ±ÄŸÄ±nÄ±n takibi. Cukurova Medical Journal, 0, 44, 173-180.	0.1	0
1727	Isoform-specific Roles of Prolyl Hydroxylases in the Regulation of Pancreatic Î²-Cell Function. Endocrinology, 2022, 163, .	1.4	1
1728	Increased Reliance on Carbohydrates for Aerobic Exercise in Highland Andean Leaf-Eared Mice, but Not in Highland Lima Leaf-Eared Mice. Metabolites, 2021, 11, 750.	1.3	3

#	Article	IF	Citations
1729	Mechanisms of obesity in children and adults with phenylketonuria on contemporary treatment. Clinical Nutrition ESPEN, 2021, 46, 539-543.	0.5	15
1730	Respiratory quotient and the stoichiometric approach to investigating metabolic energy substrate use in aquatic ectotherms. Reviews in Aquaculture, 2021, 13, 1255-1284.	4.6	11
1731	Lifestyle applications. , 2020, , 363-375.		1
1733	Physical Activity and Endurance Training Modalities: Evidences and Perspectives. , 2020, , 1-18.		0
1734	Energy Expenditure, Protein Oxidation and Body Composition in a Cohort of Very Low Birth Weight Infants. Nutrients, 2021, 13, 3962.	1.7	3
1735	Influence of different preceding exercises on fat metabolism during subsequent endurance exercise. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2020, 179, .	0.0	0
1736	Similar rates of fat oxidation during graded submaximal exercise in women of different body composition. PLoS ONE, 2020, 15, e0242551.	1.1	4
1737	Higher Peak Fat Oxidation During Rowing vs. Cycling in Active Men and Women. Journal of Strength and Conditioning Research, 2021, 35, 9-15.	1.0	2
1738	Acute Running and Coronary Heart Disease Risk Markers in Male Cigarette Smokers and Nonsmokers: A Randomized Crossover Trial. Medicine and Science in Sports and Exercise, 2021, 53, 1021-1032.	0.2	6
1740	Increased heart rate variability but normal resting metabolic rate in hypocretin/orexin-deficient human narcolepsy. Journal of Clinical Sleep Medicine, 2008, 4, 248-54.	1.4	22
1742	Relationship between training status and maximal fat oxidation rate. Journal of Sports Science and Medicine, 2010, 9, 31-5.	0.7	24
1743	Effects of an extreme endurance race on energy balance and body composition - a case study. Journal of Sports Science and Medicine, 2006, 5, 154-62.	0.7	36
1744	Relationship between Fat Oxidation and Lactate Threshold in Athletes and Obese Women and Men. Journal of Sports Science and Medicine, 2004, 3, 174-81.	0.7	36
1745	Comparing fat oxidation in an exercise test with moderate-intensity interval training. Journal of Sports Science and Medicine, 2014, 13, 51-8.	0.7	13
1746	Physical training improves body weight and energy balance but does not protect against hepatic steatosis in obese mice. International Journal of Clinical and Experimental Medicine, 2015, 8, 10911-9.	1.3	9
1747	Effects of Cycling Versus Running Training on Sprint and Endurance Capacity in Inline Speed Skating. Journal of Sports Science and Medicine, 2016, 15, 41-9.	0.7	9
1749	A Comparison of the Maximal Fat Oxidation Rates of Three Different Time Periods in The Fatmax Stage. Journal of Sports Science and Medicine, 2019, 18, 44-51.	0.7	1
1750	Exercise Training at Maximal Fat Oxidation Intensity for Overweight or Obese Older Women: A Randomized Study. Journal of Sports Science and Medicine, 2019, 18, 413-418.	0.7	17

#	Article	IF	Citations
1751	High Rates of Fat Oxidation Induced by a Low-Carbohydrate, High-Fat Diet, Do Not Impair 5-km Running Performance in Competitive Recreational Athletes. Journal of Sports Science and Medicine, 2019, 18, 738-750.	0.7	15
1752	Metabolic Flexibility and Weight Status May Contribute to Inter-Individual Changes in Breastmilk Lipid Content in Response to an Acute Bout of Exercise: Preliminary Findings from a Pilot Study. International Journal of Exercise Science, 2020, 13, 1756-1769.	0.5	2
1753	Acute Post-Exercise Blood Pressure Responses in Middle-Aged Persons with Elevated Blood Pressure/Stage 1 Hypertension following Moderate and High-Intensity Isoenergetic Endurance Exercise. International Journal of Exercise Science, 2020, 13, 1532-1548.	0.5	1
1754	Metabolic flexibility across the spectrum of glycemic regulation in youth. JCI Insight, 2021, 6, .	2.3	4
1755	Comparison of the Ramp and Step Incremental Exercise Test Protocols in Assessing the Maximal Fat Oxidation Rate in Youth Cyclists. Journal of Human Kinetics, 2021, 80, 163-172.	0.7	1
1756	Consistency Is Key When Setting a New World Record for Running 10 Marathons in 10 Days. International Journal of Environmental Research and Public Health, 2021, 18, 12066.	1.2	3
1757	Comparison of aspartame- and sugar-sweetened soft drinks on postprandial metabolism. Nutrition and Health, 2023, 29, 115-128.	0.6	4
1758	Inter-Day Reliability of Resting Metabolic Rate and Maximal Fat Oxidation during Exercise in Healthy Men Using the Ergostik Gas Analyzer. Nutrients, 2021, 13, 4308.	1.7	10
1759	Pecanâ€enriched diets increase energy expenditure and fat oxidation in adults atâ€risk for cardiovascular disease in a randomised, controlled trial. Journal of Human Nutrition and Dietetics, 2022, 35, 774-785.	1.3	4
1760	Providing lifestyle advice to women with PCOS: an overview of practical issues affecting success. BMC Endocrine Disorders, 2021, 21, 234.	0.9	21
1761	Highly Cushioned Shoes Improve Running Performance in Both the Absence and Presence of Muscle Damage. Medicine and Science in Sports and Exercise, 2022, 54, 633-645.	0.2	8
1762	Phenotypic plasticity to chronic cold exposure in two species of Peromyscus from different environments. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2022, 192, 335-348.	0.7	3
1763	Differential Effects of One Meal per Day in the Evening on Metabolic Health and Physical Performance in Lean Individuals. Frontiers in Physiology, 2021, 12, 771944.	1.3	2
1764	Different Isocaloric Meals and Adiposity Modify Energy Expenditure and Clinical and Metabolomic Biomarkers During Resting and Exercise States in a Randomized Crossover Acute Trial of Normal-Weight and Overweight/Obese Men. Journal of Nutrition, 2022, 152, 1118-1129.	1.3	5
1765	GlyNAC (Glycine and N-Acetylcysteine) Supplementation Improves Impaired Mitochondrial Fuel Oxidation and Lowers Insulin Resistance in Patients with Type 2 Diabetes: Results of a Pilot Study. Antioxidants, 2022, 11, 154.	2.2	16
1766	A Combination of Aerobic Exercise at Fatmax and Low Resistance Training Increases Fat Oxidation and Maintains Muscle Mass, in Women Waiting for Bariatric Surgery. Obesity Surgery, 2022, 32, 1130-1140.	1.1	6
1767	Risk prevention of different forms of gestational diabetes mellitus based on energy metabolism prior to diagnosis. Technology and Health Care, 2022, , 1-8.	0.5	1
1768	Validity of four commercially available metabolic carts for assessing resting metabolic rate and respiratory exchange ratio in non-ventilated humans. Clinical Nutrition, 2022, 41, 746-754.	2.3	17

#	Article	IF	Citations
1769	Menstrual cycle hormonal changes: estradiol-Î²-17 and progesterone interactions on exercise fat oxidation. Endocrine, 2022, 76, 240-242.	1.1	9
1770	Effects of endocannabinoids on feed intake, stress response and whole-body energy metabolism in dairy cows. Scientific Reports, 2021, 11, 23657.	1.6	6
1773	Prior arm crank exercise has no effect on postprandial lipaemia in non-disabled adults. Applied Physiology, Nutrition and Metabolism, 2022, , .	0.9	0
1774	Intermittent Exogenous Ketosis for Athletic Performance, Recovery, and Adaptation. , 2022, , 518-540.		0
1775	Comment on: â€œAssessment of Metabolic Flexibility by Means of Measuring Blood Lactate, Fat, and Carbohydrate Oxidation Responses to Exercise in Professional Endurance Athletes and Less-Fit Individuals". Sports Medicine, 2022, , 1.	3.1	1
1776	Authorsâ€™ Reply to Monferrer-MarÃn J, et al.: Assessment of Metabolic Flexibility by Means of Measuring Blood Lactate, Fat, and Carbohydrate Oxidation Responses to Exercise in Professional Endurance Athletes and Less-Fit Individuals. Sports Medicine, 2022, 52, 2011-2012.	3.1	1
1777	Effects of Cannabidiol on Exercise Physiology and Bioenergetics: A Randomised Controlled Pilot Trial. Sports Medicine - Open, 2022, 8, 27.	1.3	10
1778	Metabolic Flexibility and Mechanical Efficiency in Women Over-60. Frontiers in Physiology, 2022, 13, 869534.	1.3	3
1779	Fiber mixture-specific effect on distal colonic fermentation and metabolic health in lean but not in prediabetic men. Gut Microbes, 2022, 14, 2009297.	4.3	15
1780	Ketone Bodies Impact on Hypoxic CO2 Retention Protocol During Exercise. Frontiers in Physiology, 2021, 12, 780755.	1.3	5
1781	Beyond the Calorie Paradigm: Taking into Account in Practice the Balance of Fat and Carbohydrate Oxidation during Exercise?. Nutrients, 2022, 14, 1605.	1.7	11
1782	No diurnal variation is present in maximal fat oxidation during exercise in young healthy women: A crossâ€over study. European Journal of Sport Science, 2023, 23, 936-942.	1.4	4
1796	Unchanged gene expression of glycogen synthase in muscle from patients with NIDDM following sulphonylurea-induced improvement of glycaemic control. Diabetologia, 1995, 38, 1230-1238.	2.9	1
1797	High dietary nucleotide consumption for one week increases circulating uric acid concentrations but does not compromise metabolic health: A randomised controlled trial. Clinical Nutrition ESPEN, 2022, 49, 40-52.	0.5	3
1798	Grape Seed Proanthocyanidins Mitigate the Disturbances Caused by an Abrupt Photoperiod Change in Healthy and Obese Rats. Nutrients, 2022, 14, 1834.	1.7	8
1799	Effects of Montmorency Tart Cherry and Blueberry Juice on Cardiometabolic and Other Health-Related Outcomes: A Three-Arm Placebo Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2022, 19, 5317.	1.2	11
1800	Sleep Fragmentation and Estradiol Suppression Decrease Fat Oxidation in Premenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3167-e3176.	1.8	4
1801	Effects of chronic metformin treatment on training adaptations in men and women with hyperglycemia: A prospective study. Obesity, 2022, 30, 1219-1230.	1.5	8

#	Article	IF	Citations
1802	Statins effect on insulin resistance after a meal and exercise in hypercholesterolemic preâ€diabetic individuals. Scandinavian Journal of Medicine and Science in Sports, 0, , .	1.3	3
1803	The effects of endogenouslyâ€and exogenouslyâ€induced hyperketonemia on exercise performance and adaptation. Physiological Reports, 2022, 10, .	0.7	8
1806	Impact of Intermittent Fasting Combined With High-Intensity Interval Training on Body Composition, Metabolic Biomarkers, and Physical Fitness in Women With Obesity. Frontiers in Nutrition, 2022, 9, .	1.6	7
1807	5Âdays of time-restricted feeding increases fat oxidation rate but not affect postprandial lipemia: a crossover trial. Scientific Reports, 2022, 12, .	1.6	2
1808	Maternal lipid metabolism is associated with neonatal adiposity: A longitudinal study. Journal of Clinical Endocrinology and Metabolism, 0, , .	1.8	4
1809	A randomized placebo-controlled clinical trial for pharmacological activation of BCAA catabolism in patients with type 2 diabetes. Nature Communications, 2022, 13, .	5.8	42
1810	Associations of resting and peak fat oxidation with sex hormone profile and blood glucose control in middle-aged women. Nutrition, Metabolism and Cardiovascular Diseases, 2022, , .	1.1	3
1811	Associations between heart rate variability and maximal fat oxidation in two different cohorts of healthy sedentary adults. Nutrition, Metabolism and Cardiovascular Diseases, 2022, , .	1.1	1
1812	Lacticaseibacillus rhamnosus HA-114 improves eating behaviors and mood-related factors in adults with overweight during weight loss: a randomized controlled trial. Nutritional Neuroscience, 2023, 26, 667-679.	1.5	5
1813	Acute effects of prior dietary fat ingestion on postprandial metabolic responses to protein and carbohydrate co-ingestion in overweight and obese men: A randomised crossover trial. Clinical Nutrition, 2022, 41, 1623-1635.	2.3	2
1814	Factors Influencing Substrate Oxidation During Submaximal Cycling: A Modelling Analysis. Sports Medicine, 2022, 52, 2775-2795.	3.1	14
1815	Effect of Dihydroquercetin on Energy Metabolism in LPS-Induced Inflammatory Mice. BioMed Research International, 2022, 2022, 1-25.	0.9	6
1816	Assessment of Metabolic Flexibility by Substrate Oxidation Responses and Blood Lactate in Women Expressing Varying Levels of Aerobic Fitness and Body Fat. Journal of Strength and Conditioning Research, 2023, 37, 581-588.	1.0	3
1817	Whole body lipid oxidation during exercise is impaired with poor insulin sensitivity but not with obesity per se. American Journal of Physiology - Endocrinology and Metabolism, 2022, 323, E366-E377.	1.8	2
1818	The Impact of Pre-Exercise Carbohydrate Meal on the Effects of Yerba Mate Drink on Metabolism, Performance, and Antioxidant Status in Trained Male Cyclists. Sports Medicine - Open, 2022, 8, .	1.3	2
1819	Acute appetite and eating behaviour responses to apparatus-free, high-intensity intermittent exercise in inactive women with excess weight. Physiology and Behavior, 2022, 254, 113906.	1.0	0
1820	Potential Applications of Thyroid Hormone Derivatives in Obesity and Type 2 Diabetes: Focus on 3,5-Diiodothyronine (3,5-T2) in Psammomys obesus (Fat Sand Rat) Model. Nutrients, 2022, 14, 3044.	1.7	2
1821	Insulin infusion decreases medium-sized extracellular vesicles in adults with metabolic syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2022, 323, E378-E388.	1.8	3

#	Article	IF	Citations
1822	Dihydrocapsiate does not increase energy expenditure nor fat oxidation during aerobic exercise in men with overweight/obesity: a randomized, triple-blinded, placebo-controlled, crossover trial. Journal of the International Society of Sports Nutrition, 2022, 19, 417-436.	1.7	2
1823	Influence of Peroxisome Proliferator-Activated Receptor (PPAR)-gamma Coactivator (PGC)-1 alpha gene rs8192678 polymorphism by gender on different health-related parameters in healthy young adults. Frontiers in Physiology, 0, 13, .	1.3	4
1824	Impact of Ageing on Female Metabolic Flexibility: A Cross-Sectional Pilot Study in over-60 Active Women. Sports Medicine - Open, 2022, 8, .	1.3	1
1825	Understanding Metabolic Alterations in Cancer Cachexia through the Lens of Exercise Physiology. Cells, 2022, 11, 2317.	1.8	1
1826	Effect of caffeine intake on fat oxidation rate during exercise: is there a doseâ€“response effect?. European Journal of Nutrition, 2023, 62, 311-319.	1.8	5
1827	Reproducibility of the energy metabolism response to an oral glucose tolerance test: influence of a postcalorimetric correction procedure. European Journal of Nutrition, 2023, 62, 351-361.	1.8	3
1828	Six HIT Sessions Improve Cardiorespiratory Fitness and Metabolic Flexibility in Insulin Resistant and Insulin Sensitive Adolescents with Obesity. International Journal of Environmental Research and Public Health, 2022, 19, 10568.	1.2	2
1829	The mitochondrial NAD kinase functions as a major metabolic regulator upon increased energy demand. Molecular Metabolism, 2022, 64, 101562.	3.0	3
1830	NPFF signalling is critical for thermosensory and dietary regulation of thermogenesis. Neuropeptides, 2022, 96, 102292.	0.9	1
1831	Ginger infusion increases diet-induced thermogenesis in healthy individuals: A randomized crossover trial. Food Bioscience, 2022, 50, 102005.	2.0	2
1832	Dietary High-Dose Biotin Intake Activates Fat Oxidation and Hepatic Carnitine Palmitoyltransferase in Rat. Journal of Nutritional Science and Vitaminology, 2022, 68, 250-259.	0.2	0
1833	Efficacy and Safety of a Long-Term Multidisciplinary Weight Loss Intervention under Hospitalization in Aging Patients with Obesity: An Open Label Study. Nutrients, 2022, 14, 3416.	1.7	2
1834	Prolonged cycling reduces power output at the moderate-to-heavy intensity transition. European Journal of Applied Physiology, 2022, 122, 2673-2682.	1.2	5
1835	The Role of Indirect Calorimetry in Care of the Surgical Patient. Current Surgery Reports, 2022, 10, 186-191.	0.4	2
1836	Hyperbaric oxygen rapidly improves tissue-specific insulin sensitivity and mitochondrial capacity in humans with type 2 diabetes: a randomised placebo-controlled crossover trial. Diabetologia, 2023, 66, 57-69.	2.9	7
1837	Metabolic responses to 8 weeks of consuming cottonseed oil versus olive oil in adults with dyslipidaemia: a randomised trial. Journal of Human Nutrition and Dietetics, 2023, 36, 1079-1089.	1.3	0
1839	Late isocaloric eating increases hunger, decreases energy expenditure, and modifies metabolic pathways in adults with overweight and obesity. Cell Metabolism, 2022, 34, 1486-1498.e7.	7.2	38
1840	Hypothalamic astrocytes control systemic glucose metabolism and energy balance. Cell Metabolism, 2022, 34, 1532-1547.e6.	7.2	22

#	Article	IF	Citations
1841	African American Females Are Less Metabolically Flexible Compared with Caucasian American Females following a Single High-Fat Meal: A Pilot Study. International Journal of Environmental Research and Public Health, 2022, 19, 12913.	1.2	2
1842	A methodological and clinical approach to measured energy expenditure in the critically ill pediatric patient. Frontiers in Pediatrics, 0, 10, .	0.9	3
1843	Ketone Body Infusion Abrogates Growth Hormoneâ€“Induced Lipolysis and Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2023, 108, 653-664.	1.8	9
1844	Energetic Contributions Including Gender Differences and Metabolic Flexibility in the General Population and Athletes. Metabolites, 2022, 12, 965.	1.3	7
1845	Exogenous glucose oxidation during endurance exercise under low energy availability. PLoS ONE, 2022, 17, e0276002.	1.1	3
1846	Exogenous Ketone Supplements in Athletic Contexts: Past, Present, and Future. Sports Medicine, 2022, 52, 25-67.	3.1	19
1847	Effect of p-Synephrine on Fat Oxidation Rate during Exercise of Increasing Intensity in Healthy Active Women. Nutrients, 2022, 14, 4352.	1.7	1
1848	Maximal Fat Metabolism Explained by Lactate-Carbohydrate Model. Physiologia, 2022, 2, 121-131.	0.6	2
1849	Overweight and Obese Adult Patients Show Larger Benefits from Concurrent Training Compared with Pharmacological Metformin Treatment on Insulin Resistance and Fat Oxidation. International Journal of Environmental Research and Public Health, 2022, 19, 14331.	1.2	0
1850	Restricting sugar or carbohydrate intake does not impact physical activity level or energy intake over 24Âh despite changes in substrate use: a randomised crossover study in healthy men and women. European Journal of Nutrition, 0, , .	1.8	4
1851	Fuel Selection in Skeletal Muscle Exercising at Low Intensity; Reliance on Carbohydrate in Very Sedentary Individuals. Metabolic Syndrome and Related Disorders, 2023, 21, 16-24.	0.5	3
1852	Muscle glycogen unavailability and fat oxidation rate during exercise: Insights from McArdle disease. Journal of Physiology, 2023, 601, 551-566.	1.3	4
1853	A nutritional intervention for moderate altitude endurance preparation: A case report. Journal of the International Society of Sports Nutrition, 2022, 19, 650-663.	1.7	0
1854	Molecular responses to acute exercise and their relevance for adaptations in skeletal muscle to exercise training. Physiological Reviews, 2023, 103, 2057-2170.	13.1	51
1855	A comparison of meal-related appetite, food reward and eating behaviour traits in people with and without spinal cord injury. Appetite, 2023, 181, 106384.	1.8	1
1857	Altered intramuscular network of lipid droplets and mitochondria in type 2 diabetes. American Journal of Physiology - Cell Physiology, 2023, 324, C39-C57.	2.1	9
1858	Treatment with EV-miRNAs Alleviates Obesity-Associated Metabolic Dysfunction in Mice. International Journal of Molecular Sciences, 2022, 23, 14920.	1.8	5
1859	Maximal Fat Oxidation during Incremental Upper and Lower Body Exercise in Healthy Young Males. International Journal of Environmental Research and Public Health, 2022, 19, 15311.	1.2	1

#	Article	IF	Citations
1860	Does the Time of Day Play a Role in the Acute Effect of p-Synephrine on Fat Oxidation Rate during Exercise in Women? A Randomized, Crossover and Double-Blind Study. Nutrients, 2022, 14, 5030.	1.7	0
1861	TG/HDL Ratio Is an Independent Predictor for Estimating Resting Energy Expenditure in Adults with Normal Weight, Overweight, and Obesity. Nutrients, 2022, 14, 5106.	1.7	1
1862	Effects of hypoxic exercise on 24-hour glucose profile and substrate metabolism in overweight and obese men with impaired glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 0, , .	1.8	0
1863	Metabolic differences and differentially expressed genes between C57BL/6J and C57BL/6N mice substrains. PLoS ONE, 2022, 17, e0271651.	1.1	4
1864	Resting and exercise metabolic characteristics in obese children with insulin resistance. Frontiers in Physiology, 0, 13, .	1.3	0
1866	The effect of 12 weeks of combined training on hepatic fat content and metabolic flexibility of individuals with non-alcoholic fatty liver disease: Protocol of an open-label, single-center randomized control trial. Frontiers in Nutrition, 0, 9, .	1.6	0
1867	Metabolic impact of feeding prior to a 60-min bout of moderate-intensity exercise in females in a fasted state. Frontiers in Sports and Active Living, 0, 4, .	0.9	1
1868	Chronic and Postprandial Metabolic Responses to a Ketogenic Diet Compared to High-Carbohydrate and Habitual Diets in Trained Competitive Cyclists and Triathletes: A Randomized Crossover Trial. International Journal of Environmental Research and Public Health, 2023, 20, 1110.	1.2	1
1869	Intrinsic cardiorespiratory fitness modulates clinical and molecular response to caloric restriction. Molecular Metabolism, 2023, , 101668.	3.0	1
1870	Exosomes from Short-Term High-Fat or High-Sucrose Fed Mice Induce Hepatic Steatosis through Different Pathways. Cells, 2023, 12, 169.	1.8	3
1871	Metabolic responses to acute sprint interval exercise training performed after an oral 75â€gram glucose load in individuals with overweight/obesity. Physiological Reports, 2023, 11, .	0.7	1
1872	The polyphenol epigallocatechin gallate lowers circulating catecholamine concentrations and alters lipid metabolism during graded exercise in man: a randomized cross-over study. European Journal of Nutrition, 2023, 62, 1517-1526.	1.8	1
1873	Effects of 12-week combined training versus high intensity interval training on cardiorespiratory fitness, body composition and fat metabolism in obese male adults. Journal of Exercise Science and Fitness, 2023, 21, 193-201.	0.8	4
1874	The Effect of Watermelon Juice Supplementation on Heart Rate Variability and Metabolic Response during an Oral Glucose Challenge: A Randomized, Double-Blind, Placebo-Controlled Crossover Trial. Nutrients, 2023, 15, 810.	1.7	0
1875	Effect of Menstrual Cycle Phase on Fuel Oxidation Post HIT in Women Reproductive Age: A Pilot Study. International Journal of Environmental Research and Public Health, 2023, 20, 3148.	1.2	0
1876	Assessment of metabolic flexibility by measuring maximal fat oxidation during submaximal intensity exercise: Can we improve the analytical procedures?. Sports Medicine and Health Science, 2023, , .	0.7	0
1877	An Intervention of Four Weeks of Time-Restricted Eating (16/8) in Male Long-Distance Runners Does Not Affect Cardiometabolic Risk Factors. Nutrients, 2023, 15, 985.	1.7	4
1878	Perspective: Is the Response of Human Energy Expenditure to Increased Physical Activity Additive or Constrained?. Advances in Nutrition, 2023, 14, 406-419.	2.9	6

#	Article	IF	Citations
1879	It is time to abandon single-value oxygen uptake energy equivalents. Journal of Applied Physiology, 2023, 134, 887-890.	1.2	1
1880	Ketone Monoester Plus Carbohydrate Supplementation Does Not Alter Exogenous and Plasma Glucose Oxidation or Metabolic Clearance Rate During Exercise in Men Compared with Carbohydrate Alone. Journal of Nutrition, 2023, 153, 1696-1709.	1.3	6
1881	Metabolic dysfunction in obesity is related to impaired suppression of fatty acid release from adipose tissue by insulin. Obesity, 2023, 31, 1347-1361.	1.5	4
1882	Effect of sleep restriction on insulin sensitivity and energy metabolism in postmenopausal women: A randomized crossover trial. Obesity, 2023, 31, 1204-1215.	1.5	4
1883	Acute exercise increases the contact between lipid droplets and mitochondria independently of obesity and type 2 diabetes. Journal of Physiology, 2023, 601, 1797-1815.	1.3	3
1884	Short-chain fatty acids are associated with adiposity, energy and glucose homeostasis among different metabolic phenotypes in the Nutritionistsâ€™ Health Study. Endocrine, 2023, 80, 529-540.	1.1	0
1896	Meten en berekenen van het energiegebruik. , 2023, , 237-250.		0