

# Hubert Vidal

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6925339/hubert-vidal-publications-by-year.pdf>

**Version:** 2024-04-27

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

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

277  
papers

18,779  
citations

76  
h-index

128  
g-index

283  
ext. papers

20,698  
ext. citations

6  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
277	Blood-derived miRNA levels are not correlated with metabolic or anthropometric parameters in obese pre-diabetic subjects but with systemic inflammation.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263479	3.7	1
276	Fibroblast growth factor 19 as a countermeasure to muscle and locomotion dysfunctions in experimental cerebral palsy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2021</b> ,	10.3	1
275	Adipose-Tissue-Derived Mesenchymal Stem Cells Mediate PD-L1 Overexpression in the White Adipose Tissue of Obese Individuals, Resulting in T Cell Dysfunction. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
274	Milk polar lipids favorably alter circulating and intestinal ceramide and sphingomyelin species in postmenopausal women. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	5
273	Obesity activates immunomodulating properties of mesenchymal stem cells in adipose tissue with differences between localizations. <i>FASEB Journal</i> , <b>2021</b> , 35, e21650	0.9	2
272	Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity. <i>Chemosphere</i> , <b>2021</b> , 262, 127841	8.4	6
271	Effects of maternal low-protein diet and spontaneous physical activity on the transcription of neurotrophic factors in the placenta and the brains of mothers and offspring rats. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 12, 505-512	2.4	1
270	Live and ultrasound-inactivated modulate the intestinal microbiota and improve biochemical and cardiovascular parameters in male rats fed a high-fat diet. <i>Food and Function</i> , <b>2021</b> , 12, 5287-5300	6.1	3
269	Metformin treatment for 8days impacts multiple intestinal parameters in high-fat high-sucrose fed mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 16684	4.9	2
268	Postprandial Endotoxin Transporters LBP and sCD14 Differ in Obese vs. Overweight and Normal Weight Men during Fat-Rich Meal Digestion. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1
267	Involvement of glycated albumin in adipose-derived-stem cell-mediated interleukin 17 secreting T helper cell activation. <i>World Journal of Stem Cells</i> , <b>2020</b> , 12, 621-632	5.6	
266	Gut Microbiome and Space TravelersPHhealth: State of the Art and Possible Pro/Prebiotic Strategies for Long-Term Space Missions. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 553929	4.6	19
265	Effects of maternal protein restriction on central and peripheral renin-angiotensin systems in male rat offspring. <i>Life Sciences</i> , <b>2020</b> , 263, 118574	6.8	0
264	White Adipose Tissue Surface Expression of LDLR and CD36 is Associated with Risk Factors for Type 2 Diabetes in Adults with Obesity. <i>Obesity</i> , <b>2020</b> , 28, 2357-2367	8	3
263	WJL administration during pregnancy and lactation improves lipid profile, insulin sensitivity and gut microbiota diversity in dyslipidemic dams and protects male offspring against cardiovascular dysfunction in later life. <i>Food and Function</i> , <b>2020</b> , 11, 8939-8950	6.1	10
262	Milk polar lipids reduce lipid cardiovascular risk factors in overweight postmenopausal women: towards a gut sphingomyelin-cholesterol interplay. <i>Gut</i> , <b>2020</b> , 69, 487-501	19.2	36
261	Maternal physical activity-induced adaptive transcriptional response in brain and placenta of mothers and rat offspring. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2020</b> , 11, 108-117	2.4	5

260	IL-17A contributes to propagation of inflammation but does not impair adipogenesis and/or insulin response, in adipose tissue of obese individuals. <i>Cytokine</i> , <b>2020</b> , 126, 154865	4	6
259	Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture. <i>Journal of Nutritional Biochemistry</i> , <b>2019</b> , 72, 108211	6.3	1
258	Prominent action of butyrate over $\beta$ -hydroxybutyrate as histone deacetylase inhibitor, transcriptional modulator and anti-inflammatory molecule. <i>Scientific Reports</i> , <b>2019</b> , 9, 742	4.9	77
257	Adipose Tissue Expansion by Overfeeding Healthy Men Alters Iron Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 688-696	5.6	3
256	Metabolic Phenotyping of Adipose-Derived Stem Cells Reveals a Unique Signature and Intrinsic Differences between Fat Pads. <i>Stem Cells International</i> , <b>2019</b> , 2019, 9323864	5	8
255	Gut microbiota and probiotic intervention as a promising therapeutic for pregnant women with cardiometabolic disorders: Present and future directions. <i>Pharmacological Research</i> , <b>2019</b> , 145, 104252	10.2	21
254	Saturated Fatty Acid-Enriched Diet-Impaired Mitochondrial Bioenergetics in Liver From Undernourished Rats During Critical Periods of Development. <i>Cells</i> , <b>2019</b> , 8,	7.9	2
253	Omega-3 Polyunsaturated Fatty Acids Inhibit IL-17A Secretion through Decreased ICAM-1 Expression in T <sub>H</sub> 17 Cells Co-Cultured with Adipose-Derived Stem Cells Harvested from Adipose Tissues of Obese Subjects. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1801148	5.9	5
252	Gut Dysbiosis in Arterial Hypertension <b>2019</b> , 243-249		
251	Qualification of tropical fruit-derived <i>Lactobacillus plantarum</i> strains as potential probiotics acting on blood glucose and total cholesterol levels in Wistar rats. <i>Food Research International</i> , <b>2019</b> , 124, 109-117	7.17	16
250	Impact of Gut Microbiota on Host Glycemic Control. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 29	5.7	62
249	Maternal dyslipidemia during pregnancy and lactation increases blood pressure and disrupts cardiorespiratory and glucose hemostasis in female rat offspring. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2019</b> , 44, 925-936	3	10
248	Chronic exposure to a pollutant mixture at low doses led to tissue-specific metabolic alterations in male mice fed standard and high-fat high-sucrose diet. <i>Chemosphere</i> , <b>2019</b> , 220, 1187-1199	8.4	10
247	Interaction between hormone-sensitive lipase and ChREBP in fat cells controls insulin sensitivity. <i>Nature Metabolism</i> , <b>2019</b> , 1, 133-146	14.6	26
246	High expression of CPT1b in skeletal muscle in metabolically healthy older subjects. <i>Diabetes and Metabolism</i> , <b>2019</b> , 45, 152-159	5.4	6
245	Gut microbiota and probiotics intervention: A potential therapeutic target for management of cardiometabolic disorders and chronic kidney disease?. <i>Pharmacological Research</i> , <b>2018</b> , 130, 152-163	10.2	46
244	Disruption of Mitochondria-Associated Endoplasmic Reticulum Membrane (MAM) Integrity Contributes to Muscle Insulin Resistance in Mice and Humans. <i>Diabetes</i> , <b>2018</b> , 67, 636-650	0.9	94
243	Distal Colon Motor Dysfunction in Mice with Chronic Kidney Disease: Putative Role of Uremic Toxins. <i>Toxins</i> , <b>2018</b> , 10,	4.9	17

242	Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 57, 34-40	5.8	10
241	Sex-specific metabolic alterations induced by environmental pollutants. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 8, 1-7	4.4	5
240	Environmental Pollutants and Metabolic Disorders: The Multi-Exposure Scenario of Life. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 582	5.7	33
239	Low-dose pollutant mixture triggers metabolic disturbances in female mice leading to common and specific features as compared to a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 45, 83-93	6.3	22
238	Transcriptional response of skeletal muscle to a low protein perinatal diet in rat offspring at different ages: The role of key enzymes of glucose-fatty acid oxidation. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 41, 117-123	6.3	4
237	Effect of a diet containing folate and hazelnut oil capsule on the methylation level of the gene, lipid profile and oxidative stress in overweight or obese women. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 110	7.7	17
236	Endocrine disrupting chemicals in mixture and obesity, diabetes and related metabolic disorders. <i>World Journal of Biological Chemistry</i> , <b>2017</b> , 8, 108-119	3.8	63
235	Low level activity thresholds for changes in NMR biomarkers and genes in high risk subjects for Type 2 Diabetes. <i>Scientific Reports</i> , <b>2017</b> , 7, 11267	4.9	2
234	Fibroblast growth factor 19 regulates skeletal muscle mass and ameliorates muscle wasting in mice. <i>Nature Medicine</i> , <b>2017</b> , 23, 990-996	50.5	109
233	Emulsifying dietary fat modulates postprandial endotoxemia associated with chylomicronemia in obese men: a pilot randomized crossover study. <i>Lipids in Health and Disease</i> , <b>2017</b> , 16, 97	4.4	12
232	Comparative analysis of three human adipocyte size measurement methods and their relevance for cardiometabolic risk. <i>Obesity</i> , <b>2017</b> , 25, 122-131	8	26
231	The histone deacetylase inhibitor sodium butyrate improves insulin signalling in palmitate-induced insulin resistance in L6 rat muscle cells through epigenetically-mediated up-regulation of Irs1. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 439, 224-232	4.4	24
230	Effect of maternal dyslipidaemia on the cardiorespiratory physiology and biochemical parameters in male rat offspring. <i>British Journal of Nutrition</i> , <b>2017</b> , 118, 930-941	3.6	15
229	Pathogenic Role of IL-17-Producing Immune Cells in Obesity, and Related Inflammatory Diseases. <i>Journal of Clinical Medicine</i> , <b>2017</b> , 6,	5.1	83
228	Magnetic resonance imaging biomarkers of exercise-induced improvement of oxidative stress and inflammation in the brain of old high-fat-fed ApoE mice. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6969-6985	3.9	14
227	Maternal protein restriction induced-hypertension is associated to oxidative disruption at transcriptional and functional levels in the medulla oblongata. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 1177-1184	3	24
226	Abdominal adipocyte populations in women with visceral obesity. <i>European Journal of Endocrinology</i> , <b>2016</b> , 174, 227-39	6.5	18
225	Disruption of calcium transfer from ER to mitochondria links alterations of mitochondria-associated ER membrane integrity to hepatic insulin resistance. <i>Diabetologia</i> , <b>2016</b> , 59, 614-23	10.3	85

224	Adipocytes, like their progenitors, contribute to inflammation of adipose tissues through promotion of Th-17 cells and activation of monocytes, in obese subjects. <i>Adipocyte</i> , <b>2016</b> , 5, 275-82	3.2	16
223	Lactobacillus plantarum strain maintains growth of infant mice during chronic undernutrition. <i>Science</i> , <b>2016</b> , 351, 854-7	33.3	305
222	Mitochondria-associated endoplasmic reticulum membranes allow adaptation of mitochondrial metabolism to glucose availability in the liver. <i>Journal of Molecular Cell Biology</i> , <b>2016</b> , 8, 129-43	6.3	95
221	Exosome-like vesicles released from lipid-induced insulin-resistant muscles modulate gene expression and proliferation of beta recipient cells in mice. <i>Diabetologia</i> , <b>2016</b> , 59, 1049-58	10.3	98
220	Dysregulation of sirtuins and key metabolic genes in skeletal muscle of pigs with spontaneous intrauterine growth restriction is associated with alterations of circulating IGF-1. <i>General and Comparative Endocrinology</i> , <b>2016</b> , 232, 76-85	3	8
219	New Insights on the Use of Dietary Polyphenols or Probiotics for the Management of Arterial Hypertension. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 448	4.6	30
218	Exercise Does Not Protect against Peripheral and Central Effects of a High Cholesterol Diet Given in Old ApoE Mice. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 453	4.6	10
217	Acute accumulation of free cholesterol induces the degradation of perilipin 2 and Rab18-dependent fusion of ER and lipid droplets in cultured human hepatocytes. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 3293-3304	3.5	17
216	Fructose overfeeding in first-degree relatives of type 2 diabetic patients impacts energy metabolism and mitochondrial functions in skeletal muscle. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 2691-2699	5.9	9
215	Adipose Tissue-Derived Stem Cells From Obese Subjects Contribute to Inflammation and Reduced Insulin Response in Adipocytes Through Differential Regulation of the Th1/Th17 Balance and Monocyte Activation. <i>Diabetes</i> , <b>2015</b> , 64, 2477-88	0.9	70
214	Human monocyte-derived dendritic cells turn into foamy dendritic cells with IL-17A. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 1110-22	6.3	14
213	Human skeletal myotubes display a cell-autonomous circadian clock implicated in basal myokine secretion. <i>Molecular Metabolism</i> , <b>2015</b> , 4, 834-45	8.8	67
212	Postprandial Endotoxemia Linked With Chylomicrons and Lipopolysaccharides Handling in Obese Versus Lean Men: A Lipid Dose-Effect Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 3427-35	5.6	87
211	Metabolomics reveals differential metabolic adjustments of normal and overweight subjects during overfeeding. <i>Metabolomics</i> , <b>2015</b> , 11, 920-938	4.7	10
210	Lifelong consumption of low-dosed food pollutants and metabolic health. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, 512-5	5.1	10
209	Moderate oral supplementation with docosahexaenoic acid improves platelet function and oxidative stress in type 2 diabetic patients. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 289-96	7	26
208	Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124015	3.7	23
207	Salivary composition in obese vs normal-weight subjects: towards a role in postprandial lipid metabolism?. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1425-8	5.5	19

206	Increasing fat content from 20 to 45 wt% in a complex diet induces lower endotoxemia in parallel with an increased number of intestinal goblet cells in mice. <i>Nutrition Research</i> , <b>2015</b> , 35, 346-56	4	10
205	Imeglimin normalizes glucose tolerance and insulin sensitivity and improves mitochondrial function in liver of a high-fat, high-sucrose diet mice model. <i>Diabetes</i> , <b>2015</b> , 64, 2254-64	0.9	76
204	Overfeeding increases postprandial endotoxemia in men: Inflammatory outcome may depend on LPS transporters LBP and sCD14. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1513-8	5.9	76
203	Exosomes participate in the alteration of muscle homeostasis during lipid-induced insulin resistance in mice. <i>Diabetologia</i> , <b>2014</b> , 57, 2155-64	10.3	95
202	Regulation of energy metabolism and mitochondrial function in skeletal muscle during lipid overfeeding in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E1254-62	5.6	23
201	Mitochondria-associated endoplasmic reticulum membrane (MAM) integrity is required for insulin signaling and is implicated in hepatic insulin resistance. <i>Diabetes</i> , <b>2014</b> , 63, 3279-94	0.9	227
200	Proteomic analysis of C2C12 myoblast and myotube exosome-like vesicles: a new paradigm for myoblast-myotube cross talk?. <i>PLoS ONE</i> , <b>2014</b> , 9, e84153	3.7	95
199	White adipose tissue resilience to insulin deprivation and replacement. <i>PLoS ONE</i> , <b>2014</b> , 9, e106214	3.7	6
198	Pasture v. standard dairy cream in high-fat diet-fed mice: improved metabolic outcomes and stronger intestinal barrier. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 520-35	3.6	20
197	Myotube-derived exosomal miRNAs downregulate Sirtuin1 in myoblasts during muscle cell differentiation. <i>Cell Cycle</i> , <b>2014</b> , 13, 78-89	4.7	116
196	Insulin-dependent transcriptional control in L6 rat myotubes is associated with modulation of histone acetylation and accumulation of the histone variant H2A.Z in the proximity of the transcriptional start site. <i>Biochemistry and Cell Biology</i> , <b>2014</b> , 92, 61-7	3.6	12
195	Nicotinic acid effects on insulin sensitivity and hepatic lipid metabolism: an in vivo to in vitro study. <i>Hormone and Metabolic Research</i> , <b>2014</b> , 46, 390-6	3.1	17
194	FTO contributes to hepatic metabolism regulation through regulation of leptin action and STAT3 signalling in liver. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 4	7.5	36
193	Autophagy-regulating TP53INP2 mediates muscle wasting and is repressed in diabetes. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 1914-27	15.9	58
192	Insulin resistance is associated with MCP1-mediated macrophage accumulation in skeletal muscle in mice and humans. <i>PLoS ONE</i> , <b>2014</b> , 9, e110653	3.7	59
191	Grape polyphenols prevent fructose-induced oxidative stress and insulin resistance in first-degree relatives of type 2 diabetic patients. <i>Diabetes Care</i> , <b>2013</b> , 36, 1454-61	14.6	87
190	Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice. <i>FASEB Journal</i> , <b>2013</b> , 27, 3860-70	0.9	48
189	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , <b>2013</b> , 56, 2524-37	10.3	75

188	Visceral fat accumulation during lipid overfeeding is related to subcutaneous adipose tissue characteristics in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 802-10	5.6	73
187	Phospholipase D regulates the size of skeletal muscle cells through the activation of mTOR signaling. <i>Cell Communication and Signaling</i> , <b>2013</b> , 11, 55	7.5	25
186	High-fat diet action on adiposity, inflammation, and insulin sensitivity depends on the control low-fat diet. <i>Nutrition Research</i> , <b>2013</b> , 33, 952-60	4	33
185	Metallothionein 2a gene expression is increased in subcutaneous adipose tissue of type 2 diabetic patients. <i>Molecular Genetics and Metabolism</i> , <b>2013</b> , 108, 90-4	3.7	12
184	Differential dose effect of fish oil on inflammation and adipose tissue gene expression in chronic kidney disease patients. <i>Nutrition</i> , <b>2013</b> , 29, 730-6	4.8	29
183	Adaptive Changes in Human Adipose Tissue During Weight Gain <b>2013</b> , 317-327		
182	Activity energy expenditure is a major determinant of dietary fat oxidation and trafficking, but the deleterious effect of detraining is more marked than the beneficial effect of training at current recommendations. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 648-58	7	30
181	Adaptive changes of the Insig1/SREBP1/SCD1 set point help adipose tissue to cope with increased storage demands of obesity. <i>Diabetes</i> , <b>2013</b> , 62, 3697-708	0.9	56
180	The expression of FTO in human adipose tissue is influenced by fat depot, adiposity, and insulin sensitivity. <i>Obesity</i> , <b>2013</b> , 21, 1165-73	8	17
179	Modulating absorption and postprandial handling of dietary fatty acids by structuring fat in the meal: a randomized crossover clinical trial. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 23-36	7	85
178	Dual peroxisome proliferator-activated receptor $\alpha$ agonist GFT505 improves hepatic and peripheral insulin sensitivity in abdominally obese subjects. <i>Diabetes Care</i> , <b>2013</b> , 36, 2923-30	14.6	162
177	Jejunal proteins secreted by db/db mice or insulin-resistant humans impair the insulin signaling and determine insulin resistance. <i>PLoS ONE</i> , <b>2013</b> , 8, e56258	3.7	51
176	The eicosapentaenoic acid metabolite 15-deoxy-(12,14)-prostaglandin J3 increases adiponectin secretion by adipocytes partly via a PPAR $\delta$ -dependent mechanism. <i>PLoS ONE</i> , <b>2013</b> , 8, e63997	3.7	41
175	Gene network analysis leads to functional validation of pathways linked to cancer cell growth and survival. <i>Biotechnology Journal</i> , <b>2012</b> , 7, 1395-404	5.6	13
174	Subcutaneous adipose tissue remodeling during the initial phase of weight gain induced by overfeeding in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E183-92	5.6	111
173	Reduction of endoplasmic reticulum stress using chemical chaperones or Grp78 overexpression does not protect muscle cells from palmitate-induced insulin resistance. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 417, 439-45	3.4	36
172	TNF- $\alpha$ and tumor-induced skeletal muscle atrophy involves sphingolipid metabolism. <i>Skeletal Muscle</i> , <b>2012</b> , 2, 2	5.1	79
171	Metabolic impacts of high dietary exposure to persistent organic pollutants in mice. <i>Toxicology Letters</i> , <b>2012</b> , 215, 8-15	4.4	14

170	Protein acetylation mechanisms in the regulation of insulin and insulin-like growth factor 1 signalling. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 362, 1-10	4.4	19
169	Regulation of hepatic mitochondrial metabolism in response to a high fat diet: a longitudinal study in rats. <i>Journal of Physiology and Biochemistry</i> , <b>2012</b> , 68, 335-44	5	24
168	SREBP-1 transcription factors regulate skeletal muscle cell size by controlling protein synthesis through myogenic regulatory factors. <i>PLoS ONE</i> , <b>2012</b> , 7, e50878	3.7	27
167	Oil composition of high-fat diet affects metabolic inflammation differently in connection with endotoxin receptors in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E374-86	6	114
166	Determinants of human adipose tissue gene expression: impact of diet, sex, metabolic status, and cis genetic regulation. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002959	6	41
165	Insulin-sensitizing effects on muscle and adipose tissue after dietary fiber intake in men and women with metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 3326-32	5.6	85
164	Limonoid compounds inhibit sphingomyelin biosynthesis by preventing CERT protein-dependent extraction of ceramides from the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 24397-411	5.4	19
163	Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD. <i>PLoS ONE</i> , <b>2012</b> , 7, e40306	3.7	14
162	Phosphoinositide 3-kinase as a novel functional target for the regulation of the insulin signaling pathway by SIRT1. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 335, 166-76	4.4	94
161	Emulsified lipids increase endotoxemia: possible role in early postprandial low-grade inflammation. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 53-9	6.3	195
160	Inhibition of xanthine oxidase reduces hyperglycemia-induced oxidative stress and improves mitochondrial alterations in skeletal muscle of diabetic mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E581-91	6	48
159	Phospholipase D regulates myogenic differentiation through the activation of both mTORC1 and mTORC2 complexes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 22609-21	5.4	25
158	FTO is increased in muscle during type 2 diabetes, and its overexpression in myotubes alters insulin signaling, enhances lipogenesis and ROS production, and induces mitochondrial dysfunction. <i>Diabetes</i> , <b>2011</b> , 60, 258-68	0.9	69
157	Gene expression profiling in peripheral blood cells of patients with rheumatoid arthritis in response to anti-TNF-alpha treatments. <i>Physiological Genomics</i> , <b>2011</b> , 43, 365-71	3.6	29
156	Genetic association and gene expression analysis identify FGFR1 as a new susceptibility gene for human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E962-6	5.6	22
155	Chronic consumption of farmed salmon containing persistent organic pollutants causes insulin resistance and obesity in mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e25170	3.7	116
154	A new role for sterol regulatory element binding protein 1 transcription factors in the regulation of muscle mass and muscle cell differentiation. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 1182-98	4.8	63
153	Persistent organic pollutant exposure leads to insulin resistance syndrome. <i>Environmental Health Perspectives</i> , <b>2010</b> , 118, 465-71	8.4	282

152	Adipose tissue transcriptome reflects variations between subjects with continued weight loss and subjects regaining weight 6 mo after caloric restriction independent of energy intake. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 975-84	7	52
151	Tpl2 kinase is upregulated in adipose tissue in obesity and may mediate interleukin-1beta and tumor necrosis factor- $\alpha$ effects on extracellular signal-regulated kinase activation and lipolysis. <i>Diabetes</i> , <b>2010</b> , 59, 61-70	0.9	49
150	Transcriptome profiling in response to adiponectin in human cancer-derived cells. <i>Physiological Genomics</i> , <b>2010</b> , 42A, 61-70	3.6	7
149	Apelin and APJ regulation in adipose tissue and skeletal muscle of type 2 diabetic mice and humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E1161-9	6	104
148	Claudin 11 deficiency in mice results in loss of the Sertoli cell epithelial phenotype in the testis. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 202-13	3.9	135
147	Dietary DHA: time course of tissue uptake and effects on cytokine secretion in mice. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 1304-12	3.6	26
146	Increased lipid peroxidation in LDL from type-2 diabetic patients. <i>Lipids</i> , <b>2010</b> , 45, 723-31	1.6	23
145	The microRNA signature in response to insulin reveals its implication in the transcriptional action of insulin in human skeletal muscle and the role of a sterol regulatory element-binding protein-1c/myocyte enhancer factor 2C pathway. <i>Diabetes</i> , <b>2009</b> , 58, 2555-64	0.9	116
144	High protein intake reduces intrahepatocellular lipid deposition in humans. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1002-10	7	97
143	Rapid down-regulation of mitochondrial fat metabolism in human muscle after training cessation is dissociated from changes in insulin sensitivity. <i>FEBS Letters</i> , <b>2009</b> , 583, 2927-33	3.8	6
142	Microarray analysis of genes with impaired insulin regulation in the skeletal muscle of type 2 diabetic patients indicates the involvement of basic helix-loop-helix domain-containing, class B, 2 protein (BHLHB2). <i>Diabetologia</i> , <b>2009</b> , 52, 1899-912	10.3	17
141	Alterations of insulin signaling in type 2 diabetes: a review of the current evidence from humans. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2009</b> , 1792, 83-92	6.9	145
140	Link between food and health: From gene expression to nutritional recommendations. <i>Food Quality and Preference</i> , <b>2009</b> , 20, 537-538	5.8	0
139	Fenofibrate reduces adiposity in pregnant and virgin rats but through different mechanisms. <i>BMB Reports</i> , <b>2009</b> , 42, 679-84	5.5	2
138	Nutritional intervention to reduce the n-6/n-3 fatty acid ratio increases adiponectin concentration and fatty acid oxidation in healthy subjects. <i>European Journal of Clinical Nutrition</i> , <b>2008</b> , 62, 1287-93	5.2	61
137	Effects of docosahexaenoic acid on some megakaryocytic cell gene expression of some enzymes controlling prostanoid synthesis. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 372, 924-8 <sup>3-4</sup>		14
136	Effects of four-week high-fructose diet on gene expression in skeletal muscle of healthy men. <i>Diabetes and Metabolism</i> , <b>2008</b> , 34, 82-5	5.4	30
135	Changes in adiponectin, its receptors and AMPK activity in tissues of diet-induced diabetic mice. <i>Diabetes and Metabolism</i> , <b>2008</b> , 34, 52-61	5.4	56

134	Regulation of leptin, adiponectin and acylation-stimulating protein by hyperinsulinaemia and hyperglycaemia in vivo in healthy lean young men. <i>Diabetes and Metabolism</i> , <b>2008</b> , 34, 334-42	5.4	21
133	Contribution of energy restriction and macronutrient composition to changes in adipose tissue gene expression during dietary weight-loss programs in obese women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4315-22	5.6	64
132	Microarray analyses of SREBP-1a and SREBP-1c target genes identify new regulatory pathways in muscle. <i>Physiological Genomics</i> , <b>2008</b> , 34, 327-37	3.6	55
131	Dairy calcium supplementation in overweight or obese persons: its effect on markers of fat metabolism. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 877-85	7	31
130	Isoform-specific defects of insulin stimulation of Akt/protein kinase B (PKB) in skeletal muscle cells from type 2 diabetic patients. <i>Diabetologia</i> , <b>2008</b> , 51, 512-21	10.3	68
129	Mitochondrial dysfunction results from oxidative stress in the skeletal muscle of diet-induced insulin-resistant mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 789-800	15.9	583
128	Treatment for 2 mo with n3 polyunsaturated fatty acids reduces adiposity and some atherogenic factors but does not improve insulin sensitivity in women with type 2 diabetes: a randomized controlled study. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1670-9	7	229
127	Molecular mechanisms of diabetes reversibility after bariatric surgery. <i>International Journal of Obesity</i> , <b>2007</b> , 31, 1429-36	5.5	15
126	Changes in gene expression in skeletal muscle in response to fat overfeeding in lean men. <i>Obesity</i> , <b>2007</b> , 15, 2583-94	8	35
125	Acute and selective regulation of glyceroneogenesis and cytosolic phosphoenolpyruvate carboxykinase in adipose tissue by thiazolidinediones in type 2 diabetes. <i>Diabetologia</i> , <b>2007</b> , 50, 666-75	10.3	51
124	Acute hyperglycemia induces a global downregulation of gene expression in adipose tissue and skeletal muscle of healthy subjects. <i>Diabetes</i> , <b>2007</b> , 56, 992-9	0.9	59
123	Resveratrol is a class IA phosphoinositide 3-kinase inhibitor. <i>Biochemical Journal</i> , <b>2007</b> , 406, 511-8	3.8	146
122	Regulation of gene expression by glucose. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2007</b> , 10, 518-22	3.8	26
121	Daily intake of conjugated linoleic acid-enriched yoghurts: effects on energy metabolism and adipose tissue gene expression in healthy subjects. <i>British Journal of Nutrition</i> , <b>2007</b> , 97, 273-80	3.6	53
120	Treatment for 2 mo with n3 polyunsaturated fatty acids reduces adiposity and some atherogenic factors but does not improve insulin sensitivity in women with type 2 diabetes: a randomized controlled study. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1670-1679	7	131
119	Short-term activation of peroxysome proliferator-activated receptor beta/delta increases fatty acid oxidation but does not restore insulin action in muscle cells from type 2 diabetic patients. <i>Journal of Molecular Medicine</i> , <b>2006</b> , 84, 747-52	5.5	10
118	Activation of liver X receptors promotes lipid accumulation but does not alter insulin action in human skeletal muscle cells. <i>Diabetologia</i> , <b>2006</b> , 49, 990-9	10.3	49
117	Insulin sensitisation affects lipoprotein lipase transport in type 2 diabetes: role of adipose tissue and skeletal muscle in response to rosiglitazone. <i>Diabetologia</i> , <b>2006</b> , 49, 2412-8	10.3	15

116	Increased adiponectin receptor-1 expression in adipose tissue of impaired glucose-tolerant obese subjects during weight loss. <i>European Journal of Endocrinology</i> , <b>2006</b> , 155, 161-5	6.5	26
115	Insulin regulation of gene expression and concentrations of white adipose tissue-derived proteins in vivo in healthy men: relation to adiponutrin. <i>Journal of Endocrinology</i> , <b>2006</b> , 191, 427-35	4.7	21
114	Adiponutrin gene is regulated by insulin and glucose in human adipose tissue. <i>European Journal of Endocrinology</i> , <b>2006</b> , 155, 461-8	6.5	46
113	Clustering biological annotations and gene expression data to identify putatively co-regulated biological processes. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2006</b> , 4, 833-52	1	18
112	Insulin activates human sterol-regulatory-element-binding protein-1c (SREBP-1c) promoter through SRE motifs. <i>Biochemical Journal</i> , <b>2006</b> , 400, 179-88	3.8	92
111	Insulin-sensitizing effects of dietary resistant starch and effects on skeletal muscle and adipose tissue metabolism. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 559-567	7	326
110	Changes in fat mass influence SREBP-1c and UCP-2 gene expression in formerly obese subjects. <i>Obesity</i> , <b>2005</b> , 13, 567-73		9
109	Adipose tissue gene expression in obese subjects during low-fat and high-fat hypocaloric diets. <i>Diabetologia</i> , <b>2005</b> , 48, 123-31	10.3	113
108	The effects of rosiglitazone on fatty acid and triglyceride metabolism in type 2 diabetes. <i>Diabetologia</i> , <b>2005</b> , 48, 83-95	10.3	95
107	Changes in adiponectin receptor expression in muscle and adipose tissue of type 2 diabetic patients during rosiglitazone therapy. <i>Diabetologia</i> , <b>2005</b> , 48, 1585-9	10.3	62
106	Triglyceridemia and peroxisome proliferator-activated receptor-alpha expression are not connected in fenofibrate-treated pregnant rats. <i>Molecular and Cellular Biochemistry</i> , <b>2005</b> , 273, 97-107	4.2	13
105	Insulin-sensitizing effects of dietary resistant starch and effects on skeletal muscle and adipose tissue metabolism. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 559-67	7	307
104	Expression of Mfn2, the Charcot-Marie-Tooth neuropathy type 2A gene, in human skeletal muscle: effects of type 2 diabetes, obesity, weight loss, and the regulatory role of tumor necrosis factor alpha and interleukin-6. <i>Diabetes</i> , <b>2005</b> , 54, 2685-93	0.9	294
103	Regulation of SREBP-1 expression and transcriptional action on HKII and FAS genes during fasting and refeeding in rat tissues. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 697-705	6.3	80
102	Enhanced metabolic cycling in subjects after colonic resection for ulcerative colitis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 2747-54	5.6	8
101	Human immunodeficiency virus protease inhibitors accumulate into cultured human adipocytes and alter expression of adipocytokines. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 2238-43	5.4	63
100	Leptin pulsatility in formerly obese women. <i>FASEB Journal</i> , <b>2005</b> , 19, 1380-2	0.9	21
99	Genomic of Skeletal Muscle and its Implications in the Metabolic Syndrome <b>2005</b> , 153-161		

98	Effects of rosiglitazone on gene expression in subcutaneous adipose tissue in highly active antiretroviral therapy-associated lipodystrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E941-9	6	48
97	Calcium-sensing receptor autoantibodies are relevant markers of acquired hypoparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4484-8	5.6	63
96	Suppressor of cytokine signaling 3 expression and insulin resistance in skeletal muscle of obese and type 2 diabetic patients. <i>Diabetes</i> , <b>2004</b> , 53, 2232-41	0.9	147
95	Weight loss regulates inflammation-related genes in white adipose tissue of obese subjects. <i>FASEB Journal</i> , <b>2004</b> , 18, 1657-69	0.9	506
94	Increased adipose tissue expression of Grb14 in several models of insulin resistance. <i>FASEB Journal</i> , <b>2004</b> , 18, 965-7	0.9	50
93	Sterol regulatory element-binding protein-1 mediates the effect of insulin on hexokinase II gene expression in human muscle cells. <i>Diabetes</i> , <b>2004</b> , 53, 321-9	0.9	43
92	Effect of carbohydrate overfeeding on whole body macronutrient metabolism and expression of lipogenic enzymes in adipose tissue of lean and overweight humans. <i>International Journal of Obesity</i> , <b>2004</b> , 28, 1291-8	5.5	71
91	Upper and lower body adipose tissue function: a direct comparison of fat mobilization in humans. <i>Obesity</i> , <b>2004</b> , 12, 114-8		75
90	Expression of key genes of fatty acid oxidation, including adiponectin receptors, in skeletal muscle of Type 2 diabetic patients. <i>Diabetologia</i> , <b>2004</b> , 47, 917-25	10.3	124
89	WY-14643 and 9- cis-retinoic acid induce IRS-2/PI 3-kinase signalling pathway and increase glucose transport in human skeletal muscle cells: differential effect in myotubes from healthy subjects and Type 2 diabetic patients. <i>Diabetologia</i> , <b>2004</b> , 47, 1314-23	10.3	15
88	The ubiquitin-proteasome pathway is a new partner for the control of insulin signaling. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2004</b> , 7, 249-54	3.8	36
87	Altered Fat Differentiation and Adipocytokine Expression are Inter-Related and Linked to Morphological Changes and Insulin Resistance in HIV-1-Infected Lipodystrophic Patients. <i>Antiviral Therapy</i> , <b>2004</b> , 9, 555-564	1.6	97
86	Microarray profiling of human skeletal muscle reveals that insulin regulates approximately 800 genes during a hyperinsulinemic clamp. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 18063-8	5.4	145
85	Glucose-to-insulin ratio rather than sex hormone-binding globulin and adiponectin levels is the best predictor of insulin resistance in nonobese women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3626-31	5.6	106
84	Expression of adipogenic transcription factors, peroxisome proliferator-activated receptor gamma co-activator 1, IL-6 and CD45 in subcutaneous adipose tissue in lipodystrophy associated with highly active antiretroviral therapy. <i>Aids</i> , <b>2003</b> , 17, 1753-62	3.5	88
83	Effect of beta1- and beta2-adrenergic stimulation on energy expenditure, substrate oxidation, and UCP3 expression in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 285, E775-82	6	59
82	Lifestyle changes and lipid metabolism gene expression and protein content in skeletal muscle of subjects with impaired glucose tolerance. <i>Diabetologia</i> , <b>2003</b> , 46, 1082-9	10.3	25
81	Effect of carbohydrate overfeeding on whole body and adipose tissue metabolism in humans. <i>Obesity</i> , <b>2003</b> , 11, 1096-103		46

80	Decreased muscle acetyl-coenzyme A carboxylase 2 mRNA and insulin resistance in formerly obese subjects. <i>Obesity</i> , <b>2003</b> , 11, 1306-12		17
79	Reduced PDK4 expression associates with increased insulin sensitivity in postobese patients. <i>Obesity</i> , <b>2003</b> , 11, 176-82		42
78	Decreased uncoupling protein expression and intramyocytic triglyceride depletion in formerly obese subjects. <i>Obesity</i> , <b>2003</b> , 11, 632-40		29
77	A "futile cycle" induced by thiazolidinediones in human adipose tissue?. <i>Nature Medicine</i> , <b>2003</b> , 9, 811-2; author reply 812	50.5	35
76	Intramyocytic lipid accumulation and SREBP-1c expression are related to insulin resistance and cardiovascular risk in morbid obesity. <i>Atherosclerosis</i> , <b>2003</b> , 170, 155-61	3.1	50
75	Modified quantitative insulin sensitivity check index is better correlated to hyperinsulinemic glucose clamp than other fasting-based index of insulin sensitivity in different insulin-resistant states. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 4917-23	5.6	120
74	Mitofusin-2 determines mitochondrial network architecture and mitochondrial metabolism. A novel regulatory mechanism altered in obesity. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 17190-7	5.4	609
73	Reduced activation of phosphatidylinositol-3 kinase and increased serine 636 phosphorylation of insulin receptor substrate-1 in primary culture of skeletal muscle cells from patients with type 2 diabetes. <i>Diabetes</i> , <b>2003</b> , 52, 1319-25	0.9	241
72	Effect of the Pro12Ala polymorphism in the peroxisome proliferator-activated receptor (PPAR) gamma2 gene on the expression of PPARgamma target genes in adipose tissue of massively obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 1717-22	5.6	30
71	Increased hepatic lipogenesis but decreased expression of lipogenic gene in adipose tissue in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E46-51	6	163
70	Adipose tissue gene expression in patients with a loss of function mutation in the leptin receptor. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 1533-8	5.5	9
69	Eicosapentaenoic acid induces mRNA expression of peroxisome proliferator-activated receptor gamma. <i>Obesity</i> , <b>2002</b> , 10, 518-25		107
68	Five-week, low-glycemic index diet decreases total fat mass and improves plasma lipid profile in moderately overweight nondiabetic men. <i>Diabetes Care</i> , <b>2002</b> , 25, 822-8	14.6	203
67	Hormone sensitive lipase expression and adipose tissue metabolism show gender difference in obese subjects after weight loss. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 6-16	5.5	32
66	Regulation of human adipocyte gene expression by thyroid hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 630-4	5.6	79
65	The effect of a 3-month low-intensity endurance training program on fat oxidation and acetyl-CoA carboxylase-2 expression. <i>Diabetes</i> , <b>2002</b> , 51, 2220-6	0.9	99
64	Association between altered expression of adipogenic factor SREBP1 in lipotrophic adipose tissue from HIV-1-infected patients and abnormal adipocyte differentiation and insulin resistance. <i>Lancet, The</i> , <b>2002</b> , 359, 1026-31	4.0	344
63	C3, hormone-sensitive lipase, and peroxisome proliferator-activated receptor gamma expression in adipose tissue of familial combined hyperlipidemia patients. <i>Metabolism: Clinical and Experimental</i> , <b>2002</b> , 51, 664-70	12.7	12

62	Four-week low-glycemic index breakfast with a modest amount of soluble fibers in type 2 diabetic men. <i>Metabolism: Clinical and Experimental</i> , <b>2002</b> , 51, 819-26	12.7	84
61	Expression and regulation by insulin of low-density lipoprotein receptor-related protein mRNA in human skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2002</b> , 1588, 226-31	6.9	9
60	Expression of the splice variants of the p85 $\beta$ regulatory subunit of phosphoinositide 3-kinase in muscle and adipose tissue of healthy subjects and type 2 diabetic patients. <i>Biochemical Journal</i> , <b>2001</b> , 360, 117-126	3.8	18
59	Expression of the splice variants of the p85 $\alpha$ regulatory subunit of phosphoinositide 3-kinase in muscle and adipose tissue of healthy subjects and type 2 diabetic patients. <i>Biochemical Journal</i> , <b>2001</b> , 360, 117-26	3.8	13
58	The expression of the p85 $\alpha$ subunit of phosphatidylinositol 3-kinase is induced by activation of the peroxisome proliferator-activated receptor gamma in human adipocytes. <i>Diabetologia</i> , <b>2001</b> , 44, 544-54	10.3	43
57	Sterol regulatory element binding protein 1c (SREBP-1c) expression in human obesity. <i>Obesity</i> , <b>2001</b> , 9, 706-12		64
56	Regulation by insulin of gene expression in human skeletal muscle and adipose tissue. Evidence for specific defects in type 2 diabetes. <i>Diabetes</i> , <b>2001</b> , 50, 1134-42	0.9	231
55	The regulation of uncoupling protein-2 gene expression by omega-6 polyunsaturated fatty acids in human skeletal muscle cells involves multiple pathways, including the nuclear receptor peroxisome proliferator-activated receptor beta. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 10853-60	5.4	62
54	Plasma acylation stimulating protein concentration and subcutaneous adipose tissue C3 mRNA expression in nondiabetic and type 2 diabetic men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1034-9	9.4	76
53	Expression of insulin target genes in skeletal muscle and adipose tissue in adult patients with growth hormone deficiency: effect of one year recombinant human growth hormone therapy. <i>Journal of Endocrinology</i> , <b>2001</b> , 171, 285-92	4.7	16
52	Triiodothyronine-mediated up-regulation of UCP2 and UCP3 mRNA expression in human skeletal muscle without coordinated induction of mitochondrial respiratory chain genes. <i>FASEB Journal</i> , <b>2001</b> , 15, 13-15	0.9	87
51	Quantification of lipid-related mRNAs by reverse transcription-competitive polymerase chain reaction in human white adipose tissue biopsies. <i>Methods in Molecular Biology</i> , <b>2001</b> , 155, 83-8	1.4	7
50	Nutritionally induced changes in the peroxisome proliferator-activated receptor-alpha gene expression in liver of suckling rats are dependent on insulinaemia. <i>Archives of Biochemistry and Biophysics</i> , <b>2001</b> , 394, 182-8	4.1	20
49	Regulation of p85 $\alpha$ phosphatidylinositol-3-kinase expression by peroxisome proliferator-activated receptors (PPARs) in human muscle cells. <i>FEBS Letters</i> , <b>2001</b> , 502, 98-102	3.8	18
48	Gene expression in visceral and subcutaneous adipose tissues. <i>Annals of Medicine</i> , <b>2001</b> , 33, 547-55	1.5	84
47	Age-Related Differences in Messenger Ribonucleic Acid Expression of Key Proteins Involved in Adipose Cell Differentiation and Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 828-833	5.6	15
46	Impaired Regulation of Glucose Transporter 4 Gene Expression in Insulin Resistance Associated with in Utero Undernutrition. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 3266-3271	5.6	27
45	Subcutaneous adipose tissue expression of plasminogen activator inhibitor-1 (PAI-1) in nondiabetic and Type 2 diabetic subjects. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2000</b> , 16, 364-9	7.5	17

44	Variations in plasma soluble tumour necrosis factor receptors after diet-induced weight loss in obesity. <i>Diabetes, Obesity and Metabolism</i> , <b>2000</b> , 2, 323-5	6.7	43
43	Subcutaneous adipose tissue expression of tumour necrosis factor-alpha is not associated with whole body insulin resistance in obese nondiabetic or in type-2 diabetic subjects. <i>European Journal of Clinical Investigation</i> , <b>2000</b> , 30, 302-10	4.6	44
42	Subcutaneous adipose tissue expression of plasminogen activator inhibitor-1 gene during very low calorie diet in obese subjects. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 70-4	5.5	24
41	Regulation of gene expression during severe caloric restriction: lack of induction of p85 alpha phosphatidylinositol 3-kinase mRNA in skeletal muscle of patients with type II (non-insulin-dependent) diabetes mellitus. <i>Diabetologia</i> , <b>2000</b> , 43, 356-63	10.3	23
40	The effect of weight reduction on skeletal muscle UCP2 and UCP3 mRNA expression and UCP3 protein content in Type II diabetic subjects. <i>Diabetologia</i> , <b>2000</b> , 43, 1408-16	10.3	39
39	Adipocyte membrane phospholipids and PPAR-gamma expression in obese women: relationship to hyperinsulinemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E736-43	6	19
38	Regional Variation in Plasminogen Activator Inhibitor-1 Expression in Adipose Tissue from Obese Individuals. <i>Thrombosis and Haemostasis</i> , <b>2000</b> , 83, 545-548	7	83
37	Fatty acid transport protein-1 mRNA expression in skeletal muscle and in adipose tissue in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E1072-9	6	72
36	Regulation of uncoupling protein-2 and uncoupling protein-3 mRNA expression during lipid infusion in human skeletal muscle and subcutaneous adipose tissue. <i>Diabetes</i> , <b>2000</b> , 49, 25-31	0.9	71
35	Elevated levels of interleukin 6 are reduced in serum and subcutaneous adipose tissue of obese women after weight loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 3338-42	5.6	726
34	Elevated Levels of Interleukin 6 Are Reduced in Serum and Subcutaneous Adipose Tissue of Obese Women after Weight Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 3338-3342	5.6	588
33	Differences in mRNA expression of the proteins secreted by the adipocytes in human subcutaneous and visceral adipose tissues. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2000</b> , 1500, 88-96	6.9	231
32	Lack of skeletal muscle uncoupling protein 2 and 3 mRNA induction during fasting in type-2 diabetic subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E830-7	6	15
31	Insulin acutely regulates the expression of the peroxisome proliferator-activated receptor-gamma in human adipocytes. <i>Diabetes</i> , <b>1999</b> , 48, 699-705	0.9	109
30	A phosphatidylinositol 3-Kinase/p70 ribosomal S6 protein kinase pathway is required for the regulation by insulin of the p85alpha regulatory subunit of phosphatidylinositol 3-kinase gene expression in human muscle cells. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 34005-10	5.4	26
29	Cloning and mRNA tissue distribution of human PPARgamma coactivator-1. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 1327-32	5.5	67
28	Defective regulation of phosphatidylinositol-3-kinase gene expression in skeletal muscle and adipose tissue of non-insulin-dependent diabetes mellitus patients. <i>Diabetologia</i> , <b>1999</b> , 42, 358-64	10.3	57
27	Peroxisome proliferator activated receptor-gamma, leptin and tumor necrosis factor-alpha mRNA expression during very low calorie diet in subcutaneous adipose tissue in obese women. <i>Diabetes/Metabolism Research and Reviews</i> , <b>1999</b> , 15, 92-8	7.5	46

26	Regulation of gene expression by activation of the peroxisome proliferator-activated receptor gamma with rosiglitazone (BRL 49653) in human adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 265, 265-71	3.4	119
25	Peroxisome proliferator activated receptor- $\alpha$ leptin and tumor necrosis factor- $\alpha$ mRNA expression during very low calorie diet in subcutaneous adipose tissue in obese women <b>1999</b> , 15, 92		1
24	mRNA expression of the long and short forms of uncoupling protein-3 in obese and lean humans. <i>Diabetologia</i> , <b>1998</b> , 41, 829-32	10.3	29
23	Moderate intake of n-3 fatty acids for 2 months has no detrimental effect on glucose metabolism and could ameliorate the lipid profile in type 2 diabetic men. Results of a controlled study. <i>Diabetes Care</i> , <b>1998</b> , 21, 717-24	14.6	98
22	Depot-specific differences in adipose tissue gene expression in lean and obese subjects. <i>Diabetes</i> , <b>1998</b> , 47, 98-103	0.9	91
21	The organization, promoter analysis, and expression of the human PPARgamma gene. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 18779-89	5.4	889
20	The use of the reverse transcription-competitive polymerase chain reaction to investigate the in vivo regulation of gene expression in small tissue samples. <i>Analytical Biochemistry</i> , <b>1997</b> , 245, 141-8	3.1	114
19	Increased uncoupling protein-2 and -3 mRNA expression during fasting in obese and lean humans. <i>Journal of Clinical Investigation</i> , <b>1997</b> , 100, 2665-70	15.9	250
18	Tissue distribution and quantification of the expression of mRNAs of peroxisome proliferator-activated receptors and liver X receptor-alpha in humans: no alteration in adipose tissue of obese and NIDDM patients. <i>Diabetes</i> , <b>1997</b> , 46, 1319-1327	0.9	137
17	The ATP-binding site in the 2-kinase domain of liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Study of the role of Lys-54 and Thr-55 by site-directed mutagenesis. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 17875-80	5.4	29
16	Acute regulation by insulin of phosphatidylinositol-3-kinase, Rad, Glut 4, and lipoprotein lipase mRNA levels in human muscle. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 43-9	15.9	92
15	The expression of ob gene is not acutely regulated by insulin and fasting in human abdominal subcutaneous adipose tissue. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 251-5	15.9	116
14	Glucose-6-phosphatase mRNA and activity are increased to the same extent in kidney and liver of diabetic rats. <i>Diabetes</i> , <b>1996</b> , 45, 891-896	0.9	27
13	Glucose Transport and Glucose 6-Phosphate Hydrolysis in Intact Rat Liver Microsomes. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 21092-21097	5.4	20
12	Regulation of insulin receptor mRNA splicing in rat tissues. Effect of fasting, aging, and diabetes. <i>Diabetes</i> , <b>1995</b> , 44, 1196-1201	0.9	7
11	Absence of glucose uptake by liver microsomes: an explanation for the complete latency of glucose dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 200, 1491-7	3.4	25
10	Importance of substrate changes in the decrease of hepatic glucose cycling during insulin infusion and declining glycemia in the depancreatized dog. <i>Diabetes</i> , <b>1994</b> , 43, 1284-90	0.9	7
9	Effect of growth hormone deficiency on hormonal control of hepatic glycogenolysis in hypophysectomized rat. <i>Metabolism: Clinical and Experimental</i> , <b>1993</b> , 42, 631-7	12.7	5

8	Cloning and expression of novel isoforms of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase from bovine heart. <i>FEBS Letters</i> , <b>1993</b> , 330, 329-33	3.8	13
7	Interaction of mannose-6-phosphate with the hysteretic transition in glucose-6-phosphate hydrolysis in intact liver microsomes. <i>FEBS Letters</i> , <b>1992</b> , 302, 197-200	3.8	5
6	Effect of physiological concentrations of insulin and glucagon on the relationship between nonesterified fatty acids availability and ketone body production in humans. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 1138-46	12.7	20
5	Influence of thyroid hormones on gluconeogenesis from glycerol in rat hepatocytes: a dose-response study. <i>Metabolism: Clinical and Experimental</i> , <b>1990</b> , 39, 259-63	12.7	22
4	Interactions of glucagon and free fatty acids with insulin in control of glucose metabolism. <i>Metabolism: Clinical and Experimental</i> , <b>1990</b> , 39, 976-84	12.7	20
3	Alpha 2-adrenergic stimulation counteracts the metabolic effects of vasoactive intestinal peptide in isolated rat enterocytes. <i>Endocrinology</i> , <b>1989</b> , 124, 3117-21	4.8	
2	Hormonal control of glucose production and pyruvate kinase activity in isolated rat liver cells: influence of hypothyroidism. <i>Molecular and Cellular Endocrinology</i> , <b>1987</b> , 50, 247-53	4.4	6
1	Phosphorylation- and ligand-induced conformational changes of rat liver fructose-1,6-bisphosphatase. <i>Archives of Biochemistry and Biophysics</i> , <b>1986</b> , 248, 604-11	4.1	6