

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7236221/pascal-ferre-publications-by-citations.pdf>

**Version:** 2024-04-09

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.

147 papers	16,675 citations	58 h-index	128 g-index
163 ext. papers	17,961 ext. citations	6 avg, IF	6.24 L-index

#	Paper	IF	Citations
147	Adiponectin stimulates glucose utilization and fatty-acid oxidation by activating AMP-activated protein kinase. <i>Nature Medicine</i> , <b>2002</b> , 8, 1288-95	50.5	3232
146	AMP-kinase regulates food intake by responding to hormonal and nutrient signals in the hypothalamus. <i>Nature</i> , <b>2004</b> , 428, 569-74	50.4	1295
145	SREBP transcription factors: master regulators of lipid homeostasis. <i>Biochimie</i> , <b>2004</b> , 86, 839-48	4.6	933
144	The biology of peroxisome proliferator-activated receptors: relationship with lipid metabolism and insulin sensitivity. <i>Diabetes</i> , <b>2004</b> , 53 Suppl 1, S43-50	0.9	593
143	Sterol regulatory element binding protein-1c is a major mediator of insulin action on the hepatic expression of glucokinase and lipogenesis-related genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 12737-42	11.5	586
142	GRP78 expression inhibits insulin and ER stress-induced SREBP-1c activation and reduces hepatic steatosis in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1201-15	15.9	515
141	ADD1/SREBP-1c is required in the activation of hepatic lipogenic gene expression by glucose. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 3760-8	4.8	461
140	Hepatic steatosis: a role for de novo lipogenesis and the transcription factor SREBP-1c. <i>Diabetes, Obesity and Metabolism</i> , <b>2010</b> , 12 Suppl 2, 83-92	6.7	443
139	New perspectives in the regulation of hepatic glycolytic and lipogenic genes by insulin and glucose: a role for the transcription factor sterol regulatory element binding protein-1c. <i>Biochemical Journal</i> , <b>2002</b> , 366, 377-91	3.8	393
138	Characterization of the role of AMP-activated protein kinase in the regulation of glucose-activated gene expression using constitutively active and dominant negative forms of the kinase. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 6704-11	4.8	358
137	Hepatic glucokinase is required for the synergistic action of ChREBP and SREBP-1c on glycolytic and lipogenic gene expression. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 20314-26	5.4	333
136	Mechanisms by which carbohydrates regulate expression of genes for glycolytic and lipogenic enzymes. <i>Annual Review of Nutrition</i> , <b>1997</b> , 17, 325-52	9.9	305
135	Functions of AMP-activated protein kinase in adipose tissue. <i>Journal of Physiology</i> , <b>2006</b> , 574, 55-62	3.9	272
134	Anti-lipolytic action of AMP-activated protein kinase in rodent adipocytes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 25250-7	5.4	259
133	Regulation of lipogenic enzyme gene expression by nutrients and hormones. <i>FASEB Journal</i> , <b>1994</b> , 8, 36-42	0.9	233
132	Insulin effects on sterol regulatory-element-binding protein-1c (SREBP-1c) transcriptional activity in rat hepatocytes. <i>Biochemical Journal</i> , <b>2000</b> , 350, 389-393	3.8	219
131	New insights into ER stress-induced insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , <b>2012</b> , 23, 381-90	8.8	205

130	Pioglitazone induces in vivo adipocyte differentiation in the obese Zucker fa/fa rat. <i>Diabetes</i> , <b>1997</b> , 46, 1393-1399	0.9	205
129	AMP-activated protein kinase inhibits the glucose-activated expression of fatty acid synthase gene in rat hepatocytes. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 14767-71	5.4	196
128	SREBP-1c transcription factor and lipid homeostasis: clinical perspective. <i>Hormone Research in Paediatrics</i> , <b>2007</b> , 68, 72-82	3.3	188
127	Cholesterol, a cell size-dependent signal that regulates glucose metabolism and gene expression in adipocytes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16904-10	5.4	178
126	Glucose transporter 2 (GLUT 2): expression in specific brain nuclei. <i>Brain Research</i> , <b>1994</b> , 638, 221-6	3.7	176
125	Distinct roles of insulin and liver X receptor in the induction and cleavage of sterol regulatory element-binding protein-1c. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 791-6	11.5	170
124	Deletion of the angiotensin type 2 receptor (AT2R) reduces adipose cell size and protects from diet-induced obesity and insulin resistance. <i>Diabetes</i> , <b>2005</b> , 54, 991-9	0.9	163
123	Cholesterol-induced caveolin targeting to lipid droplets in adipocytes: a role for caveolar endocytosis. <i>Traffic</i> , <b>2006</b> , 7, 549-61	5.7	140
122	Adenovirus-mediated overexpression of sterol regulatory element binding protein-1c mimics insulin effects on hepatic gene expression and glucose homeostasis in diabetic mice. <i>Diabetes</i> , <b>2001</b> , 50, 2425-30	0.9	113
121	Glucose 6-phosphate, rather than xylulose 5-phosphate, is required for the activation of ChREBP in response to glucose in the liver. <i>Journal of Hepatology</i> , <b>2012</b> , 56, 199-209	13.4	111
120	Adenosine 5'-monophosphate-activated protein kinase regulates progesterone secretion in rat granulosa cells. <i>Endocrinology</i> , <b>2005</b> , 146, 4500-13	4.8	108
119	PPAR $\alpha$ contributes to PKM2 and HK2 expression in fatty liver. <i>Nature Communications</i> , <b>2012</b> , 3, 672	17.4	107
118	Sterol regulatory element binding protein-1c expression and action in rat muscles: insulin-like effects on the control of glycolytic and lipogenic enzymes and UCP3 gene expression. <i>Diabetes</i> , <b>2002</b> , 51, 1722-8	0.9	100
117	Discrete brain areas express the insulin-responsive glucose transporter GLUT4. <i>Molecular Brain Research</i> , <b>1996</b> , 38, 45-53		99
116	Adipocyte functions are modulated by cell size change: potential involvement of an integrin/ERK signalling pathway. <i>International Journal of Obesity</i> , <b>2003</b> , 27, 1178-86	5.5	98
115	Obesity-related overexpression of fatty-acid synthase gene in adipose tissue involves sterol regulatory element-binding protein transcription factors. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 29164-71	5.4	97
114	Diabetes and inflammation: fundamental aspects and clinical implications. <i>Diabetes and Metabolism</i> , <b>2010</b> , 36, 327-38	5.4	95
113	ADD-1/SREBP-1 is a major determinant of tissue differential lipogenic capacity in mammalian and avian species. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 106-113	6.3	94

112	Decreased resistin expression in mice with different sensitivities to a high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 289, 564-7	3.4	93
111	SREBF-1 gene polymorphisms are associated with obesity and type 2 diabetes in French obese and diabetic cohorts. <i>Diabetes</i> , <b>2004</b> , 53, 2153-7	0.9	91
110	Over-expression of sterol-regulatory-element-binding protein-1c (SREBP1c) in rat pancreatic islets induces lipogenesis and decreases glucose-stimulated insulin release: modulation by 5-aminoimidazole-4-carboxamide ribonucleoside (AICAR). <i>Biochemical Journal</i> , <b>2004</b> , 378, 769-78	3.8	88
109	Effects of hypopituitarism and growth hormone replacement therapy on the production and utilization of glucose in childhood. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1985</b> , 61, 1152-7	5.6	87
108	Lipid droplet analysis in caveolin-deficient adipocytes: alterations in surface phospholipid composition and maturation defects. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 945-56	6.3	86
107	Ketone body transport in the human neonate and infant. <i>Journal of Clinical Investigation</i> , <b>1986</b> , 77, 42-8	15.9	82
106	Sterol regulatory element-binding protein-1c mimics the negative effect of insulin on phosphoenolpyruvate carboxykinase (GTP) gene transcription. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 34816-23	5.4	78
105	Nutrigenomics: the impact of biomics technology on nutrition research. <i>Annals of Nutrition and Metabolism</i> , <b>2005</b> , 49, 355-65	4.5	77
104	Induction of fatty-acid-synthase gene expression by glucose in primary culture of rat hepatocytes. Dependency upon glucokinase activity. <i>FEBS Journal</i> , <b>1995</b> , 230, 309-15		77
103	Plasma membrane subdomain compartmentalization contributes to distinct mechanisms of ceramide action on insulin signaling. <i>Diabetes</i> , <b>2010</b> , 59, 600-10	0.9	75
102	Extracellular adenosine activates AMP-dependent protein kinase (AMPK). <i>Journal of Cell Science</i> , <b>2006</b> , 119, 1612-21	5.3	75
101	Induction of fatty acid synthase and S14 gene expression by glucose, xylitol and dihydroxyacetone in cultured rat hepatocytes is closely correlated with glucose 6-phosphate concentrations. <i>Biochemical Journal</i> , <b>1997</b> , 326 ( Pt 2), 345-9	3.8	74
100	Ketosis-prone type 2 diabetes mellitus and human herpesvirus 8 infection in sub-saharan africans. <i>JAMA - Journal of the American Medical Association</i> , <b>2008</b> , 299, 2770-6	27.4	71
99	Lipid environment induces ER stress, TXNIP expression and inflammation in immune cells of individuals with type 2 diabetes. <i>Diabetologia</i> , <b>2018</b> , 61, 399-412	10.3	69
98	Adipocyte cholesterol balance in obesity. <i>Biochemical Society Transactions</i> , <b>2004</b> , 32, 103-6	5.1	68
97	Metformin-induced stimulation of adenosine 5' monophosphate-activated protein kinase (PRKA) impairs progesterone secretion in rat granulosa cells. <i>Biology of Reproduction</i> , <b>2006</b> , 75, 342-51	3.9	66
96	Adipose tissue-specific increase in angiotensinogen expression and secretion in the obese (fa/fa) Zucker rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E59-66	6	66
95	Regulation of lipogenic enzyme expression by glucose in liver and adipose tissue: a review of the potential cellular and molecular mechanisms. <i>Advances in Enzyme Regulation</i> , <b>1996</b> , 36, 199-226		66

94	Genetics and the pathophysiology of obesity. <i>Pediatric Research</i> , <b>2003</b> , 53, 721-5	3.2	65
93	Insulin effects on sterol regulatory-element-binding protein-1c (SREBP-1c) transcriptional activity in rat hepatocytes. <i>Biochemical Journal</i> , <b>2000</b> , 350, 389	3.8	65
92	Progesterone stimulates adipocyte determination and differentiation 1/sterol regulatory element-binding protein 1c gene expression. potential mechanism for the lipogenic effect of progesterone in adipose tissue. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 11512-6	5.4	61
91	AMP-activated protein kinase activation modulates progesterone secretion in granulosa cells from hen preovulatory follicles. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 85-97	4.7	60
90	Regulation of ABCA1 expression and cholesterol efflux during adipose differentiation of 3T3-L1 cells. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1499-507	6.3	59
89	Endoplasmic reticulum stress does not mediate palmitate-induced insulin resistance in mouse and human muscle cells. <i>Diabetologia</i> , <b>2012</b> , 55, 204-14	10.3	57
88	Stimulation of acetyl-CoA carboxylase gene expression by glucose requires insulin release and sterol regulatory element binding protein 1c in pancreatic MIN6 beta-cells. <i>Diabetes</i> , <b>2002</b> , 51, 2536-45	0.9	57
87	Changes in energy metabolism during the suckling and weaning period in the newborn. <i>Reproduction, Nutrition, Development</i> , <b>1986</b> , 26, 619-31		52
86	Depolarizing actions of GABA in immature neurons depend neither on ketone bodies nor on pyruvate. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 34-45	6.6	48
85	Endoplasmic reticulum stress: a new actor in the development of hepatic steatosis. <i>Current Opinion in Lipidology</i> , <b>2010</b> , 21, 239-46	4.4	48
84	Biguanides and thiazolidinediones inhibit stimulated lipolysis in human adipocytes through activation of AMP-activated protein kinase. <i>Diabetologia</i> , <b>2010</b> , 53, 768-78	10.3	48
83	In vivo evidence for a role of adipose tissue SR-BI in the nutritional and hormonal regulation of adiposity and cholesterol homeostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1340-54	9.4	48
82	Distinct roles of endothelial and adipocyte caveolin-1 in macrophage infiltration and adipose tissue metabolic activity. <i>Diabetes</i> , <b>2011</b> , 60, 448-53	0.9	43
81	SREBP-1 regulates the expression of heme oxygenase 1 and the phosphatidylinositol-3 kinase regulatory subunit p55 gamma. <i>Journal of Lipid Research</i> , <b>2007</b> , 48, 1628-36	6.3	43
80	AMP-activated protein kinase and hepatic genes involved in glucose metabolism. <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 220-3	5.1	41
79	Insulin and angiotensin II induce the translocation of scavenger receptor class B, type I from intracellular sites to the plasma membrane of adipocytes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33536-40	5.4	41
78	Control of hepatic mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase during the foetal/neonatal transition, suckling and weaning in the rat. <i>FEBS Journal</i> , <b>1991</b> , 195, 449-54		40
77	Sustained Action of Ceramide on the Insulin Signaling Pathway in Muscle Cells: IMPLICATION OF THE DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 3019-29	5.4	39

76	Glucose regulation of gene expression. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>1998</b> , 1, 323-8	3.8	37
75	Characterising the inhibitory actions of ceramide upon insulin signaling in different skeletal muscle cell models: a mechanistic insight. <i>PLoS ONE</i> , <b>2014</b> , 9, e101865	3.7	36
74	Steatosis and NASH in type 2 diabetes. <i>Biochimie</i> , <b>2017</b> , 143, 37-41	4.6	35
73	A method for quantifying insulin sensitivity in vivo in the anesthetized rat: the euglycemic insulin clamp technique coupled with isotopic measurement of glucose turnover. <i>Reproduction, Nutrition, Development</i> , <b>1983</b> , 23, 429-35		35
72	Development of obesity in Zucker rats. Early insulin resistance in muscles but normal sensitivity in white adipose tissue. <i>Diabetes</i> , <b>1987</b> , 36, 626-631	0.9	35
71	HDL-mediated cholesterol uptake and targeting to lipid droplets in adipocytes. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1811-20	6.3	34
70	Fatty acid oxidation and ketogenesis during development. <i>Reproduction, Nutrition, Development</i> , <b>1985</b> , 25, 303-19		34
69	Long chain fatty acyl-CoA synthetase 5 expression is induced by insulin and glucose: involvement of sterol regulatory element-binding protein-1c. <i>Biochimie</i> , <b>2005</b> , 87, 1149-55	4.6	33
68	Fetal PGC-1 $\beta$ overexpression programs adult pancreatic $\beta$ cell dysfunction. <i>Diabetes</i> , <b>2013</b> , 62, 1206-16	0.9	32
67	Regulation of gene expression by glucose. <i>Proceedings of the Nutrition Society</i> , <b>1999</b> , 58, 621-3	2.9	31
66	Isoproterenol inhibits insulin-stimulated tyrosine phosphorylation of the insulin receptor without increasing its serine/threonine phosphorylation. <i>FEBS Journal</i> , <b>1995</b> , 234, 108-15		31
65	Effects of prolonged physical exercise and fasting upon plasma testosterone level in rats. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1982</b> , 49, 159-68		31
64	Activation of AMPK-Regulated CRH Neurons in the PVH is Sufficient and Necessary to Induce Dietary Preference for Carbohydrate over Fat. <i>Cell Reports</i> , <b>2018</b> , 22, 706-721	10.6	30
63	Evidence that the development of hepatic fatty acid oxidation at birth in the rat is concomitant with an increased intramitochondrial CoA concentration. <i>FEBS Journal</i> , <b>1986</b> , 156, 603-7		30
62	Nutritional related liver disease: targeting the endoplasmic reticulum stress. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2009</b> , 12, 575-82	3.8	29
61	Effect of diets rich in medium-chain and long-chain triglycerides on lipogenic-enzyme gene expression in liver and adipose tissue of the weaned rat. <i>FEBS Journal</i> , <b>1992</b> , 208, 381-7		28
60	The inhibitory effect of glucose on phosphoenolpyruvate carboxykinase gene expression in cultured hepatocytes is transcriptional and requires glucose metabolism. <i>FEBS Letters</i> , <b>1999</b> , 460, 527-32	3.8	27
59	Differential regulation of sterol regulatory element-binding protein 1c transcriptional activity by insulin and liver X receptor during liver development. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 199-206	5.4	26



58	Regulation of lipogenic enzyme and phosphoenolpyruvate carboxykinase gene expression in cultured white adipose tissue. Glucose and insulin effects are antagonized by cAMP. <i>FEBS Journal</i> , <b>1994</b> , 223, 893-900		26
57	Glucose utilization rates and insulin sensitivity in vivo in tissues of virgin and pregnant rats. <i>Diabetes</i> , <b>1986</b> , 35, 172-177	0.9	26
56	Hormonal control of specific gene expression in the rat liver during the suckling-weaning transition. <i>Advances in Enzyme Regulation</i> , <b>1990</b> , 30, 91-108		24
55	Weaning marginally affects glucose transporter (GLUT4) expression in calf muscles and adipose tissues. <i>British Journal of Nutrition</i> , <b>1997</b> , 78, 251-71	3.6	23
54	Pioglitazone-induced increase of insulin sensitivity in the muscles of the obese Zucker fa/fa rat cannot be explained by local adipocyte differentiation. <i>Diabetologia</i> , <b>1998</b> , 41, 963-8	10.3	23
53	The acute phase protein Serum Amyloid A induces lipolysis and inflammation in human adipocytes through distinct pathways. <i>PLoS ONE</i> , <b>2012</b> , 7, e34031	3.7	23
52	Molecular and metabolic changes in white adipose tissue of the rat during development of ventromedial hypothalamic obesity. <i>FEBS Journal</i> , <b>1992</b> , 207, 377-82		22
51	Short Term Palmitate Supply Impairs Intestinal Insulin Signaling via Ceramide Production. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 16328-38	5.4	21
50	Kidney Dysfunction in Adult Offspring Exposed In Utero to Type 1 Diabetes Is Associated with Alterations in Genome-Wide DNA Methylation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134654	3.7	21
49	Facilitative glucose transporters in ruminants. <i>Proceedings of the Nutrition Society</i> , <b>1996</b> , 55, 221-36	2.9	20
48	Intramitochondrial factors controlling hepatic fatty acid oxidation at weaning in the rat. <i>FEBS Letters</i> , <b>1988</b> , 232, 156-8	3.8	20
47	Prevention of adipose tissue depletion during food deprivation in angiotensin type 2 receptor-deficient mice. <i>Endocrinology</i> , <b>2006</b> , 147, 5078-86	4.8	19
46	Fuel metabolism in the mammalian fetus. <i>Reproduction, Nutrition, Development</i> , <b>1979</b> , 19, 181-197		19
45	Effect of acarbose on glucose homeostasis, lipogenesis and lipogenic enzyme gene expression in adipose tissue of weaned rats. <i>Diabetologia</i> , <b>1993</b> , 36, 503-9	10.3	18
44	Effects of insulin and norepinephrine on glucose transport and metabolism in rat brown adipocytes. Potentiation by insulin of norepinephrine-induced glucose oxidation. <i>FEBS Journal</i> , <b>1987</b> , 170, 469-74		18
43	Metabolic effects of testosterone during prolonged physical exercise and fasting. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1984</b> , 52, 300-4		18
42	Insulin-sensitive glucose transporter transcript levels in calf muscles assessed with a bovine GLUT4 cDNA fragment. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1996</b> , 28, 795-806	5.6	17
41	DnaJA4 is a SREBP-regulated chaperone involved in the cholesterol biosynthesis pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2006</b> , 1761, 1107-13	5	16

40	Molecular and cellular mechanisms of adipose secretion: comparison of leptin and angiotensinogen. <i>Journal of Cellular Biochemistry</i> , <b>2001</b> , 82, 666-73	4.7	16
39	Glucose homoeostasis in pregnancy and lactation. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 1028-30	5.1	16
38	Hormonal regulation of liver phosphoenolpyruvate carboxykinase and glucokinase gene expression at weaning in the rat. <i>Biochimie</i> , <b>1991</b> , 73, 71-6	4.6	15
37	Ceramide Transporter CERT Is Involved in Muscle Insulin Signaling Defects Under Lipotoxic Conditions. <i>Diabetes</i> , <b>2018</b> , 67, 1258-1271	0.9	15
36	Laforin, a dual specificity phosphatase involved in Lafora disease, regulates insulin response and whole-body energy balance in mice. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2571-84	5.6	14
35	Effect of feeding pattern on the sensitivity of hepatic carnitine palmitoyl-transferase to inhibition by malonyl-CoA in the rat. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1987</b> , 87, 1041-3		14
34	Polyunsaturated fatty acids inhibit fatty acid synthase and spot-14-protein gene expression in cultured rat hepatocytes by a peroxidative mechanism. <i>Biochemical Journal</i> , <b>1999</b> , 341, 371	3.8	13
33	Evidence that stimulation of glucose metabolism by insulin is not altered in isolated soleus muscle of pregnant rats. <i>Biochemical Journal</i> , <b>1981</b> , 200, 181-4	3.8	13
32	A new role for a metabolic star: AMP-activated protein kinase stimulates fat absorption. <i>Cell Metabolism</i> , <b>2011</b> , 13, 1-2	24.6	12
31	Evidence for the presence of several phosphodiesterase isoforms in brown adipose tissue of Zucker rats: modulation of PDE2 by the fa gene expression. <i>FEBS Letters</i> , <b>1999</b> , 456, 207-10	3.8	12
30	Normal insulin sensitivity during the phase of glucose intolerance but insulin resistance at the onset of diabetes in the spontaneously diabetic BB rat. <i>Diabetologia</i> , <b>1989</b> , 32, 839-44	10.3	12
29	Effect of insulin on the properties of liver carnitine palmitoyltransferase in the starved rat: assessment by the euglycemic hyperinsulinemic clamp. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 873-6	12.7	12
28	Dihydroceramides: their emerging physiological roles and functions in cancer and metabolic diseases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E122-E130	6	12
27	High carbohydrate diet induces nonalcoholic steato-hepatitis (NASH) in a desert gerbil. <i>Comptes Rendus - Biologies</i> , <b>2017</b> , 340, 25-36	1.4	11
26	Impaired beta-adrenergic signaling pathway in white adipocytes of suckling fa/fa Zucker rats: a defect in receptor coupling. <i>International Journal of Obesity</i> , <b>2001</b> , 25, 1592-8	5.5	11
25	Liver X receptor: from metabolism to cancer. <i>Biochemical Journal</i> , <b>2014</b> , 459, e1-3	3.8	10
24	Hypoglycemic effects of a beta-agonist, Ro 16-8714, in streptozotocin-diabetic rats: decreased hepatic glucose production and increased glucose utilization in oxidative muscles. <i>Metabolism: Clinical and Experimental</i> , <b>1992</b> , 41, 180-3	12.7	10
23	Specific increase in leptin production in obese (falfa) rat adipose cells. <i>Biochemical Journal</i> , <b>2002</b> , 362, 113-8	3.8	9



22	A new transgenic mouse model of chronic hyperglycemia. <i>Diabetes</i> , <b>1994</b> , 43, 143-153	0.9	8
21	Dihydroceramides in Triglyceride-Enriched VLDL Are Associated with Nonalcoholic Fatty Liver Disease Severity in Type 2 Diabetes. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100154	18	8
20	Novel insights in the interplay between inflammation and metabolic diseases: a role for the pathogen sensing kinase PKR. <i>Journal of Hepatology</i> , <b>2011</b> , 54, 1307-9	13.4	7
19	Influence of the weaning diet on the changes of glucose metabolism and of insulin sensitivity. <i>Proceedings of the Nutrition Society</i> , <b>1993</b> , 52, 325-33	2.9	7
18	SREBP-1c and lipogenesis in the liver: an update1. <i>Biochemical Journal</i> , <b>2021</b> , 478, 3723-3739	3.8	7
17	Roles of Ceramides in Non-Alcoholic Fatty Liver Disease. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	7
16	Integration of carbohydrate and lipid metabolism in skeletal muscle during postnatal development. <i>Reproduction, Nutrition, Development</i> , <b>1988</b> , 28, 805-15		6
15	Influence of exogenous cortisol and triglyceride feeding on glucose homeostasis in the fasted newborn rat. <i>Pediatric Research</i> , <b>1978</b> , 12, 751-6	3.2	6
14	Glucocorticoids Inhibit Basal and Hormone-Induced Serotonin Synthesis in Pancreatic Beta Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149343	3.7	6
13	Influence of diet on the development and regulation of lipogenic enzymes in adipose tissue. <i>Proceedings of the Nutrition Society</i> , <b>1992</b> , 51, 387-95	2.9	5
12	Role of adenosine monophosphate-activated protein kinase in the control of energy homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2005</b> , 8, 355-60	3.8	4
11	Impaired hepatic glycogenolysis related to hyperinsulinemia in newborns from hyperglycemic pregnant rats. <i>Pediatric Research</i> , <b>1990</b> , 28, 646-51	3.2	4
10	Adaptations of glucose metabolism in white-fat adipocytes at weaning in the rat are concomitant with specific gene expression. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 857-8	5.1	3
9	Increased mitogen-activated protein kinase expression and activity in white adipose tissue of ventromedial hypothalamus-lesioned rats. <i>Diabetologia</i> , <b>1997</b> , 40, 533-40	10.3	2
8	Metabolic interactions between hepatic fatty acid oxidation and gluconeogenesis in the newborn rat [proceedings]. <i>Biochemical Society Transactions</i> , <b>1978</b> , 6, 1323-4	5.1	1
7	Glucose Metabolism and Insulin Sensitivity During Suckling Period in Rats <b>1990</b> , 61-66		1
6	Mechanism of Storage and Synthesis of Fatty Acids and Triglycerides in White Adipocytes <b>2013</b> , 101-121		0
5	Chapter 5 SREBP-1c regulation of nutrient homeostasis and lipid accumulation. <i>Advances in Molecular and Cellular Endocrinology</i> , <b>2006</b> , 91-113		

- 4 **Libit** aspects physiologiques, cellulaires et moléculaires. *Oleagineux Corps Gras Lipides*, **2003**, 10, 119-123
- 3 Métabolisme du tissu adipeux blanc. *EMC - Endocrinologie - Nutrition*, **2004**, 1, 1-5
- 2 Insulin action in the lactating mammary gland: a reply. *Biochemical Journal*, **1989**, 257, 934-934 3.8
- 1 Endoplasmic reticulum stress in nonalcoholic fatty liver disease 139-150