

Pascal Ferre

List of Publications by Year in Descending Order

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

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	SREBP-1c and lipogenesis in the liver: an update1. <i>Biochemical Journal</i> , 2021 , 478, 3723-3739	3.8	7
146	Dihydroceramides: their emerging physiological roles and functions in cancer and metabolic diseases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E122-E130	6	12
145	Roles of Ceramides in Non-Alcoholic Fatty Liver Disease. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	7
144	Dihydroceramides in Triglyceride-Enriched VLDL Are Associated with Nonalcoholic Fatty Liver Disease Severity in Type 2 Diabetes. <i>Cell Reports Medicine</i> , 2020 , 1, 100154	18	8
143	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> , 2018 , 22, 706-721	10.6	30
142	Lipid environment induces ER stress, TXNIP expression and inflammation in immune cells of individuals with type 2 diabetes. <i>Diabetologia</i> , 2018 , 61, 399-412	10.3	69
141	Ceramide Transporter CERT Is Involved in Muscle Insulin Signaling Defects Under Lipotoxic Conditions. <i>Diabetes</i> , 2018 , 67, 1258-1271	0.9	15
140	Steatosis and NASH in type 2 diabetes. <i>Biochimie</i> , 2017 , 143, 37-41	4.6	35
139	High carbohydrate diet induces nonalcoholic steato-hepatitis (NASH) in a desert gerbil. <i>Comptes Rendus - Biologies</i> , 2017 , 340, 25-36	1.4	11
138	Short Term Palmitate Supply Impairs Intestinal Insulin Signaling via Ceramide Production. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16328-38	5.4	21
137	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> , 2016 , 291, 3019-29	5.4	39
136	Glucocorticoids Inhibit Basal and Hormone-Induced Serotonin Synthesis in Pancreatic Beta Cells. <i>PLoS ONE</i> , 2016 , 11, e0149343	3.7	6
135	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> , 2015 , 10, e0134654	3.7	21
134	Liver X receptor: from metabolism to cancer. <i>Biochemical Journal</i> , 2014 , 459, e1-3	3.8	10
133	Characterising the inhibitory actions of ceramide upon insulin signaling in different skeletal muscle cell models: a mechanistic insight. <i>PLoS ONE</i> , 2014 , 9, e101865	3.7	36
132	Fetal PGC-1 β overexpression programs adult pancreatic β cell dysfunction. <i>Diabetes</i> , 2013 , 62, 1206-16	0.9	32
131	Mechanism of Storage and Synthesis of Fatty Acids and Triglycerides in White Adipocytes 2013 , 101-121	0	0

130	Endoplasmic reticulum stress does not mediate palmitate-induced insulin resistance in mouse and human muscle cells. <i>Diabetologia</i> , 2012 , 55, 204-14	10.3	57
129	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> , 2012 , 56, 199-209	13.4	111
128	New insights into ER stress-induced insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , 2012 , 23, 381-90	8.8	205
127	PPAR α contributes to PKM2 and HK2 expression in fatty liver. <i>Nature Communications</i> , 2012 , 3, 672	17.4	107
126	The acute phase protein Serum Amyloid A induces lipolysis and inflammation in human adipocytes through distinct pathways. <i>PLoS ONE</i> , 2012 , 7, e34031	3.7	23
125	A new role for a metabolic star: AMP-activated protein kinase stimulates fat absorption. <i>Cell Metabolism</i> , 2011 , 13, 1-2	24.6	12
124	Novel insights in the interplay between inflammation and metabolic diseases: a role for the pathogen sensing kinase PKR. <i>Journal of Hepatology</i> , 2011 , 54, 1307-9	13.4	7
123	Distinct roles of endothelial and adipocyte caveolin-1 in macrophage infiltration and adipose tissue metabolic activity. <i>Diabetes</i> , 2011 , 60, 448-53	0.9	43
122	Depolarizing actions of GABA in immature neurons depend neither on ketone bodies nor on pyruvate. <i>Journal of Neuroscience</i> , 2011 , 31, 34-45	6.6	48
121	Laforin, a dual specificity phosphatase involved in Lafora disease, regulates insulin response and whole-body energy balance in mice. <i>Human Molecular Genetics</i> , 2011 , 20, 2571-84	5.6	14
120	Hepatic steatosis: a role for de novo lipogenesis and the transcription factor SREBP-1c. <i>Diabetes, Obesity and Metabolism</i> , 2010 , 12 Suppl 2, 83-92	6.7	443
119	Plasma membrane subdomain compartmentalization contributes to distinct mechanisms of ceramide action on insulin signaling. <i>Diabetes</i> , 2010 , 59, 600-10	0.9	75
118	Lipid droplet analysis in caveolin-deficient adipocytes: alterations in surface phospholipid composition and maturation defects. <i>Journal of Lipid Research</i> , 2010 , 51, 945-56	6.3	86
117	Diabetes and inflammation: fundamental aspects and clinical implications. <i>Diabetes and Metabolism</i> , 2010 , 36, 327-38	5.4	95
116	Endoplasmic reticulum stress: a new actor in the development of hepatic steatosis. <i>Current Opinion in Lipidology</i> , 2010 , 21, 239-46	4.4	48
115	Biguanides and thiazolidinediones inhibit stimulated lipolysis in human adipocytes through activation of AMP-activated protein kinase. <i>Diabetologia</i> , 2010 , 53, 768-78	10.3	48
114	GRP78 expression inhibits insulin and ER stress-induced SREBP-1c activation and reduces hepatic steatosis in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1201-15	15.9	515
113	Nutritional related liver disease: targeting the endoplasmic reticulum stress. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009 , 12, 575-82	3.8	29

112	Ketosis-prone type 2 diabetes mellitus and human herpesvirus 8 infection in sub-saharan africans. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2770-6	27.4	71
111	SREBP-1c transcription factor and lipid homeostasis: clinical perspective. <i>Hormone Research in Paediatrics</i> , 2007 , 68, 72-82	3.3	188
110	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> , 2007 , 27, 1340-54	2.4	48
109	SREBP-1 regulates the expression of heme oxygenase 1 and the phosphatidylinositol-3 kinase regulatory subunit p55 gamma. <i>Journal of Lipid Research</i> , 2007 , 48, 1628-36	6.3	43
108	Prevention of adipose tissue depletion during food deprivation in angiotensin type 2 receptor-deficient mice. <i>Endocrinology</i> , 2006 , 147, 5078-86	4.8	19
107	Metformin-induced stimulation of adenosine 5' monophosphate-activated protein kinase (PRKA) impairs progesterone secretion in rat granulosa cells. <i>Biology of Reproduction</i> , 2006 , 75, 342-51	3.9	66
106	AMP-activated protein kinase activation modulates progesterone secretion in granulosa cells from hen preovulatory follicles. <i>Journal of Endocrinology</i> , 2006 , 190, 85-97	4.7	60
105	Chapter 5 SREBP-1c regulation of nutrient homeostasis and lipid accumulation. <i>Advances in Molecular and Cellular Endocrinology</i> , 2006 , 91-113		
104	Extracellular adenosine activates AMP-dependent protein kinase (AMPK). <i>Journal of Cell Science</i> , 2006 , 119, 1612-21	5.3	75
103	DnaJA4 is a SREBP-regulated chaperone involved in the cholesterol biosynthesis pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006 , 1761, 1107-13	5	16
102	Cholesterol-induced caveolin targeting to lipid droplets in adipocytes: a role for caveolar endocytosis. <i>Traffic</i> , 2006 , 7, 549-61	5.7	140
101	Functions of AMP-activated protein kinase in adipose tissue. <i>Journal of Physiology</i> , 2006 , 574, 55-62	3.9	272
100	Adenosine 5'-monophosphate-activated protein kinase regulates progesterone secretion in rat granulosa cells. <i>Endocrinology</i> , 2005 , 146, 4500-13	4.8	108
99	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> , 2005 , 87, 1149-55	4.6	33
98	Nutrigenomics: the impact of biomics technology on nutrition research. <i>Annals of Nutrition and Metabolism</i> , 2005 , 49, 355-65	4.5	77
97	Role of adenosine monophosphate-activated protein kinase in the control of energy homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005 , 8, 355-60	3.8	4
96	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> , 2005 , 280, 33536-40	5.4	41
95	Deletion of the angiotensin type 2 receptor (AT2R) reduces adipose cell size and protects from diet-induced obesity and insulin resistance. <i>Diabetes</i> , 2005 , 54, 991-9	0.9	163

94	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> , 2005 , 102, 791-6	11.5	170
93	Anti-lipolytic action of AMP-activated protein kinase in rodent adipocytes. <i>Journal of Biological Chemistry</i> , 2005 , 280, 25250-7	5.4	259
92	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> , 2005 , 280, 199-206	5.4	26
91	SREBF-1 gene polymorphisms are associated with obesity and type 2 diabetes in French obese and diabetic cohorts. <i>Diabetes</i> , 2004 , 53, 2153-7	0.9	91
90	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> , 2004 , 279, 20314-26	5.4	333
89	AMP-kinase regulates food intake by responding to hormonal and nutrient signals in the hypothalamus. <i>Nature</i> , 2004 , 428, 569-74	50.4	1295
88	The biology of peroxisome proliferator-activated receptors: relationship with lipid metabolism and insulin sensitivity. <i>Diabetes</i> , 2004 , 53 Suppl 1, S43-50	0.9	593
87	SREBP transcription factors: master regulators of lipid homeostasis. <i>Biochimie</i> , 2004 , 86, 839-48	4.6	933
86	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> , 2004 , 378, 769-78	3.8	88
85	Adipocyte cholesterol balance in obesity. <i>Biochemical Society Transactions</i> , 2004 , 32, 103-6	5.1	68
84	Metabolisme du tissu adipeux blanc. <i>EMC - Endocrinologie - Nutrition</i> , 2004 , 1, 1-5		
83	AMP-activated protein kinase and hepatic genes involved in glucose metabolism. <i>Biochemical Society Transactions</i> , 2003 , 31, 220-3	5.1	41
82	Adipocyte functions are modulated by cell size change: potential involvement of an integrin/ERK signalling pathway. <i>International Journal of Obesity</i> , 2003 , 27, 1178-86	5.5	98
81	Genetics and the pathophysiology of obesity. <i>Pediatric Research</i> , 2003 , 53, 721-5	3.2	65
80	Regulation of ABCA1 expression and cholesterol efflux during adipose differentiation of 3T3-L1 cells. <i>Journal of Lipid Research</i> , 2003 , 44, 1499-507	6.3	59
79	HDL-mediated cholesterol uptake and targeting to lipid droplets in adipocytes. <i>Journal of Lipid Research</i> , 2003 , 44, 1811-20	6.3	34
78	Aspects physiologiques, cellulaires et moléculaires. <i>Oleagineux Corps Gras Lipides</i> , 2003 , 10, 119-123		
77	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> , 2002 , 282, E59-66	6	66

76	Adiponectin stimulates glucose utilization and fatty-acid oxidation by activating AMP-activated protein kinase. <i>Nature Medicine</i> , 2002 , 8, 1288-95	50.5	3232
75	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> , 2002 , 51, 1722-8	0.9	100
74	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> , 2002 , 51, 2536-45	0.9	57
73	Specific increase in leptin production in obese (falfa) rat adipose cells. <i>Biochemical Journal</i> , 2002 , 362, 113-8	3.8	9
72	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> , 2002 , 366, 377-91	3.8	393
71	Molecular and cellular mechanisms of adipose secretion: comparison of leptin and angiotensinogen. <i>Journal of Cellular Biochemistry</i> , 2001 , 82, 666-73	4.7	16
70	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> , 2001 , 25, 1592-8	5.5	11
69	Sterol regulatory element-binding protein-1c mimics the negative effect of insulin on phosphoenolpyruvate carboxykinase (GTP) gene transcription. <i>Journal of Biological Chemistry</i> , 2001 , 276, 34816-23	5.4	78
68	Cholesterol, a cell size-dependent signal that regulates glucose metabolism and gene expression in adipocytes. <i>Journal of Biological Chemistry</i> , 2001 , 276, 16904-10	5.4	178
67	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> , 2001 , 276, 11512-6	5.4	61
66	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> , 2001 , 50, 2425-30	0.9	113
65	Decreased resistin expression in mice with different sensitivities to a high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 289, 564-7	3.4	93
64	ADD-1/SREBP-1 is a major determinant of tissue differential lipogenic capacity in mammalian and avian species. <i>Journal of Lipid Research</i> , 2001 , 42, 106-113	6.3	94
63	Insulin effects on sterol regulatory-element-binding protein-1c (SREBP-1c) transcriptional activity in rat hepatocytes. <i>Biochemical Journal</i> , 2000 , 350, 389	3.8	65
62	Insulin effects on sterol regulatory-element-binding protein-1c (SREBP-1c) transcriptional activity in rat hepatocytes. <i>Biochemical Journal</i> , 2000 , 350, 389-393	3.8	219
61	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> , 2000 , 20, 6704-11	4.8	358
60	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> , 1999 , 96, 12737-42	11.5	586
59	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> , 1999 , 456, 207-10	3.8	12

58	The inhibitory effect of glucose on phosphoenolpyruvate carboxykinase gene expression in cultured hepatocytes is transcriptional and requires glucose metabolism. <i>FEBS Letters</i> , 1999 , 460, 527-32 ^{3.8}	27
57	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> , 1999 , 341, 371	3.8 13
56	Regulation of gene expression by glucose. <i>Proceedings of the Nutrition Society</i> , 1999 , 58, 621-3	2.9 31
55	ADD1/SREBP-1c is required in the activation of hepatic lipogenic gene expression by glucose. <i>Molecular and Cellular Biology</i> , 1999 , 19, 3760-8	4.8 461
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> , 1998 , 41, 963-8	10.3 23
53	AMP-activated protein kinase inhibits the glucose-activated expression of fatty acid synthase gene in rat hepatocytes. <i>Journal of Biological Chemistry</i> , 1998 , 273, 14767-71	5.4 196
52	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> , 1998 , 273, 29164-71	5.4 97
51	Glucose regulation of gene expression. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 1998 , 1, 323-8	3.8 37
50	Mechanisms by which carbohydrates regulate expression of genes for glycolytic and lipogenic enzymes. <i>Annual Review of Nutrition</i> , 1997 , 17, 325-52	9.9 305
49	Weaning marginally affects glucose transporter (GLUT4) expression in calf muscles and adipose tissues. <i>British Journal of Nutrition</i> , 1997 , 78, 251-71	3.6 23
48	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> , 1997 , 326 (Pt 2), 345-9	3.8 74
47	Increased mitogen-activated protein kinase expression and activity in white adipose tissue of ventromedial hypothalamus-lesioned rats. <i>Diabetologia</i> , 1997 , 40, 533-40	10.3 2
46	Pioglitazone induces in vivo adipocyte differentiation in the obese Zucker fa/fa rat. <i>Diabetes</i> , 1997 , 46, 1393-1399	0.9 205
45	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> , 1996 , 36, 199-226	66
44	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> , 1996 , 28, 795-806	5.6 17
43	Discrete brain areas express the insulin-responsive glucose transporter GLUT4. <i>Molecular Brain Research</i> , 1996 , 38, 45-53	99
42	Facilitative glucose transporters in ruminants. <i>Proceedings of the Nutrition Society</i> , 1996 , 55, 221-36	2.9 20
41	Induction of fatty-acid-synthase gene expression by glucose in primary culture of rat hepatocytes. Dependency upon glucokinase activity. <i>FEBS Journal</i> , 1995 , 230, 309-15	77

40	Isoproterenol inhibits insulin-stimulated tyrosine phosphorylation of the insulin receptor without increasing its serine/threonine phosphorylation. <i>FEBS Journal</i> , 1995 , 234, 108-15		31
39	Regulation of lipogenic enzyme gene expression by nutrients and hormones. <i>FASEB Journal</i> , 1994 , 8, 36-42	0.9	233
38	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> , 1994 , 223, 893-900		26
37	Glucose transporter 2 (GLUT 2): expression in specific brain nuclei. <i>Brain Research</i> , 1994 , 638, 221-6	3.7	176
36	A new transgenic mouse model of chronic hyperglycemia. <i>Diabetes</i> , 1994 , 43, 143-153	0.9	8
35	Influence of the weaning diet on the changes of glucose metabolism and of insulin sensitivity. <i>Proceedings of the Nutrition Society</i> , 1993 , 52, 325-33	2.9	7
34	Effect of acarbose on glucose homeostasis, lipogenesis and lipogenic enzyme gene expression in adipose tissue of weaned rats. <i>Diabetologia</i> , 1993 , 36, 503-9	10.3	18
33	Influence of diet on the development and regulation of lipogenic enzymes in adipose tissue. <i>Proceedings of the Nutrition Society</i> , 1992 , 51, 387-95	2.9	5
32	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> , 1992 , 41, 180-3	12.7	10
31	Molecular and metabolic changes in white adipose tissue of the rat during development of ventromedial hypothalamic obesity. <i>FEBS Journal</i> , 1992 , 207, 377-82		22
30	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> , 1992 , 208, 381-7		28
29	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> , 1991 , 195, 449-54		40
28	Hormonal regulation of liver phosphoenolpyruvate carboxykinase and glucokinase gene expression at weaning in the rat. <i>Biochimie</i> , 1991 , 73, 71-6	4.6	15
27	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> , 1991 , 40, 873-6	12.7	12
26	Adaptations of glucose metabolism in white-fat adipocytes at weaning in the rat are concomitant with specific gene expression. <i>Biochemical Society Transactions</i> , 1990 , 18, 857-8	5.1	3
25	Impaired hepatic glycogenolysis related to hyperinsulinemia in newborns from hyperglycemic pregnant rats. <i>Pediatric Research</i> , 1990 , 28, 646-51	3.2	4
24	Hormonal control of specific gene expression in the rat liver during the suckling-weaning transition. <i>Advances in Enzyme Regulation</i> , 1990 , 30, 91-108		24
23	Glucose Metabolism and Insulin Sensitivity During Suckling Period in Rats 1990 , 61-66		1

22	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> , 1989 , 32, 839-44	10.3	12
21	Insulin action in the lactating mammary gland: a reply. <i>Biochemical Journal</i> , 1989 , 257, 934-934	3.8	
20	Intramitochondrial factors controlling hepatic fatty acid oxidation at weaning in the rat. <i>FEBS Letters</i> , 1988 , 232, 156-8	3.8	20
19	Integration of carbohydrate and lipid metabolism in skeletal muscle during postnatal development. <i>Reproduction, Nutrition, Development</i> , 1988 , 28, 805-15		6
18	Glucose homoeostasis in pregnancy and lactation. <i>Biochemical Society Transactions</i> , 1987 , 15, 1028-30	5.1	16
17	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> , 1987 , 87, 1041-3		14
16	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> , 1987 , 170, 469-74		18
15	Development of obesity in Zucker rats. Early insulin resistance in muscles but normal sensitivity in white adipose tissue. <i>Diabetes</i> , 1987 , 36, 626-631	0.9	35
14	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> , 1986 , 156, 603-7		30
13	Changes in energy metabolism during the suckling and weaning period in the newborn. <i>Reproduction, Nutrition, Development</i> , 1986 , 26, 619-31		52
12	Ketone body transport in the human neonate and infant. <i>Journal of Clinical Investigation</i> , 1986 , 77, 42-8	15.9	82
11	Glucose utilization rates and insulin sensitivity in vivo in tissues of virgin and pregnant rats. <i>Diabetes</i> , 1986 , 35, 172-177	0.9	26
10	Fatty acid oxidation and ketogenesis during development. <i>Reproduction, Nutrition, Development</i> , 1985 , 25, 303-19		34
9	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> , 1985 , 61, 1152-7	5.6	87
8	Metabolic effects of testosterone during prolonged physical exercise and fasting. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1984 , 52, 300-4		18
7	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> , 1983 , 23, 429-35		35
6	Effects of prolonged physical exercise and fasting upon plasma testosterone level in rats. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1982 , 49, 159-68		31
5	Evidence that stimulation of glucose metabolism by insulin is not altered in isolated soleus muscle of pregnant rats. <i>Biochemical Journal</i> , 1981 , 200, 181-4	3.8	13

4	Fuel metabolism in the mammalian fetus. <i>Reproduction, Nutrition, Development</i> , 1979 , 19, 181-197		19
3	Influence of exogenous cortisol and triglyceride feeding on glucose homeostasis in the fasted newborn rat. <i>Pediatric Research</i> , 1978 , 12, 751-6	3.2	6
2	Metabolic interactions between hepatic fatty acid oxidation and gluconeogenesis in the newborn rat [proceedings]. <i>Biochemical Society Transactions</i> , 1978 , 6, 1323-4	5.1	1
1	Endoplasmic reticulum stress in nonalcoholic fatty liver disease139-150		