

# Gilles Mithieux

## List of Publications by Year in descending order

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153  
papers

10,136  
citations

57631

44  
h-index

38300

95  
g-index

171  
all docs

171  
docs citations

171  
times ranked

13436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and metabolic effects of renin-angiotensin system blockade on glycogen storage disease type I nephropathy. <i>Human Molecular Genetics</i> , 2022, 31, 914-928.	1.4	4
2	Intestinal gluconeogenesis shapes gut microbiota, fecal and urine metabolome in mice with gastric bypass surgery. <i>Scientific Reports</i> , 2022, 12, 1415.	1.6	4
3	Increased atherosclerosis in a mouse model of glycogen storage disease type 1a. <i>Molecular Genetics and Metabolism Reports</i> , 2022, 31, 100872.	0.4	1
4	Portal Glucose Infusion, Afferent Nerve Fibers, and Glucose and Insulin Tolerance of Insulin-Resistant Rats. <i>Journal of Nutrition</i> , 2022, 152, 1862-1871.	1.3	1
5	The gut microbiota: stable bioreactor of variable composition?. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 443-446.	3.1	4
6	A hypometabolic defense strategy against malaria. <i>Cell Metabolism</i> , 2022, 34, 1183-1200.e12.	7.2	10
7	Calcitonin Gene-Related Peptide-Induced Phosphorylation of STAT3 in Arcuate Neurons Is a Link in the Metabolic Benefits of Portal Glucose. <i>Neuroendocrinology</i> , 2021, 111, 555-567.	1.2	5
8	Intestinal gluconeogenesis and protein diet: future directions. <i>Proceedings of the Nutrition Society</i> , 2021, 80, 118-125.	0.4	4
9	The absence of hepatic glucose-6 phosphatase/ChREBP couple is incompatible with survival in mice. <i>Molecular Metabolism</i> , 2021, 43, 101108.	3.0	14
10	Impaired Very-Low-Density Lipoprotein catabolism links hypoglycemia to hypertriglyceridemia in Glycogen Storage Disease type 1a. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 879-892.	1.7	13
11	mRNA therapy restores euglycemia and prevents liver tumors in murine model of glycogen storage disease. <i>Nature Communications</i> , 2021, 12, 3090.	5.8	35
12	Tamoxifen Treatment in the Neonatal Period Affects Glucose Homeostasis in Adult Mice in a Sex-Dependent Manner. <i>Endocrinology</i> , 2021, 162, .	1.4	8
13	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021, 33, 1483-1492.e10.	7.2	79
14	Hepatocyte-specific glucose-6-phosphatase deficiency disturbs platelet aggregation and decreases blood monocytes upon fasting-induced hypoglycemia. <i>Molecular Metabolism</i> , 2021, 53, 101265.	3.0	3
15	Dietary Fibers and Proteins Modulate Behavior via the Activation of Intestinal Gluconeogenesis. <i>Neuroendocrinology</i> , 2021, 111, 1249-1265.	1.2	5
16	Metabolic benefits of gastric bypass surgery in the mouse: The role of fecal losses. <i>Molecular Metabolism</i> , 2020, 31, 14-23.	3.0	5
17	Glycogen storage disease type 1a is associated with disturbed vitamin A metabolism and elevated serum retinol levels. <i>Human Molecular Genetics</i> , 2020, 29, 264-273.	1.4	13
18	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 609-633.	21.5	441

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19	Atrial Natriuretic Peptide Orchestrates a Coordinated Physiological Response to Fuel Non-shivering Thermogenesis. <i>Cell Reports</i> , 2020, 32, 108075.	2.9	27
20	Intestinal gluconeogenesis prevents obesity-linked liver steatosis and non-alcoholic fatty liver disease. <i>Gut</i> , 2020, 69, 2193-2202.	6.1	37
21	Hepatic Carbohydrate Response Element Binding Protein Activation Limits Nonalcoholic Fatty Liver Disease Development in a Mouse Model for Glycogen Storage Disease Type 1a. <i>Hepatology</i> , 2020, 72, 1638-1653.	3.6	34
22	Jejunal Insulin Signalling Is Increased in Morbidly Obese Subjects with High Insulin Resistance and Is Regulated by Insulin and Leptin. <i>Journal of Clinical Medicine</i> , 2020, 9, 196.	1.0	2
23	Challenges of Gene Therapy for the Treatment of Glycogen Storage Diseases Type I and Type III. <i>Human Gene Therapy</i> , 2019, 30, 1263-1273.	1.4	16
24	Master role of glucose-6-phosphate in cell signaling and consequences of its deregulation in the liver and kidneys. , 2019, , 173-189.		1
25	Glucose-6-Phosphate Regulates Hepatic Bile Acid Synthesis in Mice. <i>Hepatology</i> , 2019, 70, 2171-2184.	3.6	21
26	Glucose-6 Phosphate, a Central Hub for Liver Carbohydrate Metabolism. <i>Metabolites</i> , 2019, 9, 282.	1.3	52
27	Pathogenesis of Hepatic Tumors following Gene Therapy in Murine and Canine Models of Glycogen Storage Disease. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 15, 383-391.	1.8	10
28	Hepatic stress associated with pathologies characterized by disturbed glucose production. <i>Cell Stress</i> , 2019, 3, 86-99.	1.4	20
29	Adaptation of Hepatic, Renal, and Intestinal Gluconeogenesis During Food Deprivation. , 2019, , 2133-2147.		0
30	Does <i>Akkermansia muciniphila</i> play a role in type 1 diabetes?. <i>Gut</i> , 2018, 67, 1373-1374.	6.1	25
31	Rescue of GSDIII Phenotype with Gene Transfer Requires Liver- and Muscle-Targeted GDE Expression. <i>Molecular Therapy</i> , 2018, 26, 890-901.	3.7	24
32	Gut-brain signaling in energy homeostasis: the unexpected role of microbiota-derived succinate. <i>Journal of Endocrinology</i> , 2018, 236, R105-R108.	1.2	64
33	Gut Microbiota and Host Metabolism: What Relationship. <i>Neuroendocrinology</i> , 2018, 106, 352-356.	1.2	47
34	Dietary exacerbation of metabolic stress leads to accelerated hepatic carcinogenesis in glycogen storage disease type 1a. <i>Journal of Hepatology</i> , 2018, 69, 1074-1087.	1.8	31
35	Inhibition of Glycogen Synthase II with RNAi Prevents Liver Injury in Mouse Models of Glycogen Storage Diseases. <i>Molecular Therapy</i> , 2018, 26, 1771-1782.	3.7	24
36	The role of kidney in the inter-organ coordination of endogenous glucose production during fasting. <i>Molecular Metabolism</i> , 2018, 16, 203-212.	3.0	15

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37	Intracellular lipids are an independent cause of liver injury and chronic kidney disease in non alcoholic fatty liver disease-like context. <i>Molecular Metabolism</i> , 2018, 16, 100-115.	3.0	46
38	Gut nutrient sensing and microbiota function in the control of energy homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 273-276.	1.3	12
39	Polycystic kidney features of the renal pathology in glycogen storage disease type I: possible evolution to renal neoplasia. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 955-963.	1.7	13
40	Gut microbial degradation of organophosphate insecticides-induces glucose intolerance via gluconeogenesis. <i>Genome Biology</i> , 2017, 18, 8.	3.8	88
41	Metabolic Adaptation Establishes Disease Tolerance to Sepsis. <i>Cell</i> , 2017, 169, 1263-1275.e14.	13.5	207
42	Absence of Role of Dietary Protein Sensing in the Metabolic Benefits of Duodenal-jejunal Bypass in the Mouse. <i>Scientific Reports</i> , 2017, 7, 44856.	1.6	4
43	Gut-Brain Glucose Signaling in Energy Homeostasis. <i>Cell Metabolism</i> , 2017, 25, 1231-1242.	7.2	128
44	Gut Microbiota, Endocrine-Disrupting Chemicals, and the Diabetes Epidemic. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 612-625.	3.1	118
45	Hepatocytes contribute to residual glucose production in a mouse model for glycogen storage disease type Ia. <i>Hepatology</i> , 2017, 66, 2042-2054.	3.6	18
46	Adaptation of Hepatic, Renal and Intestinal Gluconeogenesis During Food Deprivation. , 2017, , 1-15.		0
47	Microbiota-Produced Succinate Improves Glucose Homeostasis via Intestinal Gluconeogenesis. <i>Cell Metabolism</i> , 2016, 24, 151-157.	7.2	496
48	Mechanisms by Which Metabolic Reprogramming in GSD1 Liver Generates a Favorable Tumorigenic Environment. <i>FIRE Forum for International Research in Education</i> , 2016, 4, 232640981667942.	0.7	11
49	Liver PPAR $\alpha$ is crucial for whole-body fatty acid homeostasis and is protective against NAFLD. <i>Gut</i> , 2016, 65, 1202-1214.	6.1	494
50	The suppression of hepatic glucose production improves metabolism and insulin sensitivity in subcutaneous adipose tissue in mice. <i>Diabetologia</i> , 2016, 59, 2645-2653.	2.9	8
51	Progressive development of renal cysts in glycogen storage disease type I. <i>Human Molecular Genetics</i> , 2016, 25, 3784-3797.	1.4	20
52	Hepatic circadian clock oscillators and nuclear receptors integrate microbiome-derived signals. <i>Scientific Reports</i> , 2016, 6, 20127.	1.6	92
53	Post-Translational Regulation of the Glucose-6-Phosphatase Complex by Cyclic Adenosine Monophosphate Is a Crucial Determinant of Endogenous Glucose Production and Is Controlled by the Glucose-6-Phosphate Transporter. <i>Journal of Proteome Research</i> , 2016, 15, 1342-1349.	1.8	11
54	Insulin-like peptide 5 is a microbially regulated peptide that promotes hepatic glucose production. <i>Molecular Metabolism</i> , 2016, 5, 263-270.	3.0	48

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55	Bile Routing Modification Reproduces Key Features of Gastric Bypass in Rat. <i>Annals of Surgery</i> , 2015, 262, 1006-1015.	2.1	39
56	A gut-brain neural circuit controlled by intestinal gluconeogenesis is crucial in metabolic health. <i>Molecular Metabolism</i> , 2015, 4, 106-117.	3.0	51
57	Vasoactive intestinal peptide is a local mediator in a gut-brain neural axis activating intestinal gluconeogenesis. <i>Neurogastroenterology and Motility</i> , 2015, 27, 443-448.	1.6	25
58	Hepatic lentiviral gene transfer prevents the long-term onset of hepatic tumours of glycogen storage disease type 1a in mice. <i>Human Molecular Genetics</i> , 2015, 24, 2287-2296.	1.4	19
59	Lessons from new mouse models of glycogen storage disease type 1a in relation to the time course and organ specificity of the disease. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 521-527.	1.7	18
60	Targeted deletion of kidney glucose-6 phosphatase leads to nephropathy. <i>Kidney International</i> , 2014, 86, 747-756.	2.6	45
61	Metabolic effects of portal vein sensing. <i>Diabetes, Obesity and Metabolism</i> , 2014, 16, 56-60.	2.2	31
62	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. <i>Obesity</i> , 2014, 22, 713-720.	1.5	37
63	Nutropioids Regulate Gut-Brain Circuitry Controlling Food Intake. <i>Frontiers of Hormone Research</i> , 2014, 42, 155-162.	1.0	1
64	Microbiota-Generated Metabolites Promote Metabolic Benefits via Gut-Brain Neural Circuits. <i>Cell</i> , 2014, 156, 84-96.	13.5	1,615
65	Intestinal glucose metabolism revisited. <i>Diabetes Research and Clinical Practice</i> , 2014, 105, 295-301.	1.1	49
66	Crosstalk between gastrointestinal neurons and the brain in the control of food intake. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014, 28, 739-744.	2.2	11
67	A link between hepatic glucose production and peripheral energy metabolism via hepatokines. <i>Molecular Metabolism</i> , 2014, 3, 531-543.	3.0	49
68	Intestinal gluconeogenesis is crucial to maintain a physiological fasting glycemia in the absence of hepatic glucose production in mice. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 104-111.	1.5	48
69	Nutrient Control of Energy Homeostasis via Gut-Brain Neural Circuits. <i>Neuroendocrinology</i> , 2014, 100, 89-94.	1.2	19
70	Nutrient control of hunger by extrinsic gastrointestinal neurons. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 378-384.	3.1	14
71	A liver Hif-2 $\beta$ -Irs2 pathway sensitizes hepatic insulin signaling and is modulated by Vegf inhibition. <i>Nature Medicine</i> , 2013, 19, 1331-1337.	15.2	90
72	Glycogen storage disease type 1 and diabetes: Learning by comparing and contrasting the two disorders. <i>Diabetes and Metabolism</i> , 2013, 39, 377-387.	1.4	45

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73	The role of sodium-coupled glucose co-transporter 3 in the satiety effect of portal glucose sensing. <i>Molecular Metabolism</i> , 2013, 2, 47-53.	3.0	99
74	A role for PYY3-36 in GLP1-induced insulin secretion. <i>Molecular Metabolism</i> , 2013, 2, 123-125.	3.0	5
75	Satiety and the role of $\mu$ -opioid receptors in the portal vein. <i>Current Opinion in Pharmacology</i> , 2013, 13, 959-963.	1.7	4
76	In vivo hepatic lipid quantification using MRS at 7 Tesla in a mouse model of glycogen storage disease type 1a. <i>Journal of Lipid Research</i> , 2013, 54, 2010-2022.	2.0	14
77	Leucine Supplementation Protects from Insulin Resistance by Regulating Adiposity Levels. <i>PLoS ONE</i> , 2013, 8, e74705.	1.1	57
78	Portal glucose influences the sensory, cortical and reward systems in rats. <i>European Journal of Neuroscience</i> , 2013, 38, 3476-3486.	1.2	46
79	New insights into the organisation and intracellular localisation of the two subunits of glucose-6-phosphatase. <i>Biochimie</i> , 2012, 94, 695-703.	1.3	10
80	Mu-Opioid Receptors and Dietary Protein Stimulate a Gut-Brain Neural Circuitry Limiting Food Intake. <i>Cell</i> , 2012, 150, 377-388.	13.5	99
81	Comment about intestinal gluconeogenesis after gastric bypass in human in relation with the paper by Hayes et al., <i>Obes. Surg.</i> 2011. <i>Obesity Surgery</i> , 2012, 22, 1920-1922.	1.1	21
82	Glucotoxicity Induces Glucose-6-Phosphatase Catalytic Unit Expression by Acting on the Interaction of HIF-1 $\alpha$ With CREB-Binding Protein. <i>Diabetes</i> , 2012, 61, 2451-2460.	0.3	29
83	A Synergy between Incretin Effect and Intestinal Gluconeogenesis Accounting for the Rapid Metabolic Benefits of Gastric Bypass Surgery. <i>Current Diabetes Reports</i> , 2012, 12, 167-171.	1.7	12
84	Link between Intestinal CD36 Ligand Binding and Satiety Induced by a High Protein Diet in Mice. <i>PLoS ONE</i> , 2012, 7, e30686.	1.1	22
85	Targeted deletion of liver glucose-6 phosphatase mimics glycogen storage disease type 1a including development of multiple adenomas. <i>Journal of Hepatology</i> , 2011, 54, 529-537.	1.8	119
86	Protein-induced satiety is abolished in the absence of intestinal gluconeogenesis. <i>Physiology and Behavior</i> , 2011, 105, 89-93.	1.0	57
87	Control of Blood Glucose in the Absence of Hepatic Glucose Production During Prolonged Fasting in Mice. <i>Diabetes</i> , 2011, 60, 3121-3131.	0.3	136
88	Role of Hypothalamic Melanocortin System in Adaptation of Food Intake to Food Protein Increase in Mice. <i>PLoS ONE</i> , 2011, 6, e19107.	1.1	24
89	Metformin inhibits hepatic gluconeogenesis in mice independently of the LKB1/AMPK pathway via a decrease in hepatic energy state. <i>Journal of Clinical Investigation</i> , 2010, 120, 2355-2369.	3.9	1,001
90	Metabolic and melanocortin gene expression alterations in male offspring of obese mice. <i>Molecular and Cellular Endocrinology</i> , 2010, 319, 99-108.	1.6	16

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91	Hypothalamic integration of portal glucose signals and control of food intake and insulin sensitivity. <i>Diabetes and Metabolism</i> , 2010, 36, 257-262.	1.4	50
92	Brain, liver, intestine: a triumvirate to coordinate insulin sensitivity of endogenous glucose production. <i>Diabetes and Metabolism</i> , 2010, 36, S50-S53.	1.4	13
93	Deregulation of Hepatic Insulin Sensitivity Induced by Central Lipid Infusion in Rats Is Mediated by Nitric Oxide. <i>PLoS ONE</i> , 2009, 4, e6649.	1.1	14
94	Protein Feeding Promotes Redistribution of Endogenous Glucose Production to the Kidney and Potentiates Its Suppression by Insulin. <i>Endocrinology</i> , 2009, 150, 616-624.	1.4	59
95	A novel function of intestinal gluconeogenesis: Central signaling in glucose and energy homeostasis. <i>Nutrition</i> , 2009, 25, 881-884.	1.1	52
96	What can bariatric surgery teach us about the pathophysiology of type 2 diabetes?. <i>Diabetes and Metabolism</i> , 2009, 35, 499-507.	1.4	34
97	Intestinal gluconeogenesis: key signal of central control of energy and glucose homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 419-423.	1.3	46
98	Leptin Infusion and Obesity in Mouse Cause Alterations in the Hypothalamic Melanocortin System. <i>Obesity</i> , 2008, 16, 1763-1769.	1.5	24
99	Resveratrol protects primary rat hepatocytes against oxidative stress damage. <i>European Journal of Pharmacology</i> , 2008, 591, 66-72.	1.7	274
100	Intestinal Gluconeogenesis Is a Key Factor for Early Metabolic Changes after Gastric Bypass but Not after Gastric Lap-Band in Mice. <i>Cell Metabolism</i> , 2008, 8, 201-211.	7.2	270
101	Immunocytochemical localization of glucose 6-phosphatase and cytosolic phosphoenolpyruvate carboxykinase in gluconeogenic tissues reveals unsuspected metabolic zonation. <i>Histochemistry and Cell Biology</i> , 2007, 127, 555-565.	0.8	33
102	Sensibilit� au glucose : de l'intestin au cerveau. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2007, 191, 911-921.	0.0	0
103	La gluconog�nese intestinale: un nouvel acteur du contr�le de la prise alimentaire. <i>Cahiers De Nutrition Et De Dietetique</i> , 2006, 41, 211-215.	0.2	2
104	Transcriptional Regulation of the Glucose-6-phosphatase Gene by cAMP/Vasoactive Intestinal Peptide in the Intestine. <i>Journal of Biological Chemistry</i> , 2006, 281, 31268-31278.	1.6	46
105	Contribution of intestine and kidney to glucose fluxes in different nutritional states in rat. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 143, 195-200.	0.7	53
106	Glucose utilization is suppressed in the gut of insulin-resistant high fat-fed rats and is restored by metformin. <i>Biochemical Pharmacology</i> , 2006, 72, 198-203.	2.0	16
107	Glyceroneogenesis: An unexpected metabolic pathway for glutamine in <i>Schistosoma mansoni</i> sporocysts. <i>Molecular and Biochemical Parasitology</i> , 2006, 147, 145-153.	0.5	14
108	Liver Adenosine Monophosphate-Activated Kinase- $\beta$ 2 Catalytic Subunit Is a Key Target for the Control of Hepatic Glucose Production by Adiponectin and Leptin But Not Insulin. <i>Endocrinology</i> , 2006, 147, 2432-2441.	1.4	216

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109	Transcriptional Regulation of the Glucose-6-phosphatase Gene by cAMP/Vasoactive Intestinal Peptide in the Intestine. <i>Journal of Biological Chemistry</i> , 2006, 281, 31268-31278.	1.6	13
110	The new functions of the gut in the control of glucose homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005, 8, 445-449.	1.3	40
111	A Distal Region Involving Hepatocyte Nuclear Factor 4 $\beta$ and CAAT/Enhancer Binding Protein Markedly Potentiates the Protein Kinase A Stimulation of the Glucose-6-Phosphatase Promoter. <i>Molecular Endocrinology</i> , 2005, 19, 163-174.	3.7	31
112	Portal sensing of intestinal gluconeogenesis is a mechanistic link in the diminution of food intake induced by diet protein. <i>Cell Metabolism</i> , 2005, 2, 321-329.	7.2	168
113	Induction of control genes in intestinal gluconeogenesis is sequential during fasting and maximal in diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E370-E375.	1.8	101
114	Protein hydrolysates stimulate proglucagon gene transcription in intestinal endocrine cells via two elements related to cyclic AMP response element. <i>Diabetologia</i> , 2004, 47, 926-936.	2.9	43
115	A Novel Role for Glucose 6-Phosphatase in the Small Intestine in the Control of Glucose Homeostasis. <i>Journal of Biological Chemistry</i> , 2004, 279, 44231-44234.	1.6	103
116	Differential regulation of the glucose-6-phosphatase TATA box by intestine-specific homeodomain proteins CDX1 and CDX2. <i>Nucleic Acids Research</i> , 2003, 31, 5238-5246.	6.5	34
117	Polyunsaturated fatty acyl coenzyme A suppress the glucose-6-phosphatase promoter activity by modulating the DNA binding of hepatocyte nuclear factor 4 $\beta$ .. <i>Journal of Biological Chemistry</i> , 2003, 278, 5488.	1.6	0
118	Intrahepatic Mechanisms Underlying the Effect of Metformin in Decreasing Basal Glucose Production in Rats Fed a High-Fat Diet. <i>Diabetes</i> , 2002, 51, 139-143.	0.3	91
119	Polyunsaturated Fatty Acyl Coenzyme A Suppress the Glucose-6-phosphatase Promoter Activity by Modulating the DNA Binding of Hepatocyte Nuclear Factor 4 $\beta$ .. <i>Journal of Biological Chemistry</i> , 2002, 277, 15736-15744.	1.6	79
120	Activation of liver G-6-Pase in response to insulin-induced hypoglycemia or epinephrine infusion in the rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E905-E910.	1.8	11
121	New data and concepts on glutamine and glucose metabolism in the gut. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2001, 4, 267-271.	1.3	60
122	Rat Small Intestine Is an Insulin-Sensitive Gluconeogenic Organ. <i>Diabetes</i> , 2001, 50, 740-746.	0.3	167
123	Glucose 6-Phosphate Hydrolysis Is Activated by Glucagon in a Low Temperature-sensitive Manner. <i>Journal of Biological Chemistry</i> , 2001, 276, 28126-28133.	1.6	19
124	Induction of PEPCCK gene expression in insulinopenia in rat small intestine.. <i>Diabetes</i> , 2000, 49, 1165-1168.	0.3	90
125	Mechanisms by which insulin, associated or not with glucose, may inhibit hepatic glucose production in the rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E984-E989.	1.8	35
126	Phosphatidylinositol 3-Kinase Translocates onto Liver Endoplasmic Reticulum and May Account for the Inhibition of Glucose-6-phosphatase during Refeeding. <i>Journal of Biological Chemistry</i> , 1999, 274, 3597-3601.	1.6	43



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127	Enzymatic characterization of four new mutations in the glucose-6 phosphatase (G6PC) gene which cause glycogen storage disease type 1a. <i>Annals of Human Genetics</i> , 1999, 63, 141-146.	0.3	27
128	Regulatory role of glucose-6 phosphatase in the repletion of liver glycogen during refeeding in fasted rats. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1452, 172-178.	1.9	17
129	The glucose-6 phosphatase gene is expressed in human and rat small intestine: Regulation of expression in fasted and diabetic rats. <i>Gastroenterology</i> , 1999, 117, 132-139.	0.6	158
130	Role of Glucose-6 Phosphatase, Glucokinase, and Glucose-6 Phosphate in Liver Insulin Resistance and Its Correction by Metformin. <i>Biochemical Pharmacology</i> , 1998, 55, 1213-1219.	2.0	47
131	Development and regulation of glucose-6-phosphatase gene expression in rat liver, intestine, and kidney: in vivo and in vitro studies in cultured fetal hepatocytes. <i>Diabetes</i> , 1998, 47, 882-889.	0.3	80
132	Liver Microsomal Glucose-6-phosphatase Is Competitively Inhibited by the Lipid Products of Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 17-19.	1.6	51
133	New knowledge regarding glucose-6 phosphatase gene and protein and their roles in the regulation of glucose metabolism. <i>European Journal of Endocrinology</i> , 1997, 136, 137-145.	1.9	107
134	Unsaturated Fatty Acids Associated with Glycogen May Inhibit Glucose-6 Phosphatase in Rat Liver. <i>Journal of Nutrition</i> , 1997, 127, 2289-2292.	1.3	16
135	Glucose 6-Phosphate and Mannose 6-Phosphate Are Equally and More Actively Hydrolyzed by Glucose 6-Phosphatase during Hysteretic Transition within Intact Microsomal Membrane Than after Detergent Treatment. <i>Archives of Biochemistry and Biophysics</i> , 1996, 326, 238-242.	1.4	14
136	Mechanisms by Which Fatty-Acyl-CoA Esters Inhibit or Activate Glucose-6-Phosphatase in Intact and Detergent-Treated Rat Liver Microsomes. <i>FEBS Journal</i> , 1996, 235, 799-803.	0.2	36
137	Differential time course of liver and kidney glucose-6 phosphatase activity during long-term fasting in rat correlates with differential time course of messenger RNA level. <i>Molecular and Cellular Biochemistry</i> , 1996, 155, 37-41.	1.4	40
138	Mutation analysis in 24 French patients with glycogen storage disease type 1a.. <i>Journal of Medical Genetics</i> , 1996, 33, 358-360.	1.5	42
139	Identification of Membrane-Bound Phosphoglucomutase and Glucose-6 Phosphatase by <sup>32</sup> P-Labeling of Rat Liver Microsomal Membrane Proteins with <sup>32</sup> P-Glucose-6 Phosphate <sup>1</sup> . <i>Journal of Biochemistry</i> , 1995, 117, 908-914.	0.9	8
140	Liver glucose-6 phosphatase activity is inhibited by refeeding in rats. <i>Journal of Nutrition</i> , 1995, 125, 2727-32.	1.3	34
141	Differential time course of liver and kidney glucose-6 phosphatase activity during fasting in rats. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 109, 99-104.	0.2	26
142	Glucose-6-Phosphatase Specificity after Membrane Solubilization by Detergent Treatment <sup>1</sup> . <i>Journal of Biochemistry</i> , 1994, 116, 1336-1340.	0.9	9
143	Glucose-6-phosphate phosphohydrolase of detergent-treated liver microsomal membranes exhibits a specific kinetic behaviour towards glucose 6-phosphate. <i>FEBS Journal</i> , 1993, 212, 335-338.	0.2	4
144	Characteristics and specificity of the inhibition of liver glucose-6-phosphatase by arachidonic acid. Lesser inhibitability of the enzyme of diabetic rats. <i>FEBS Journal</i> , 1993, 213, 461-466.	0.2	28

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145	Decreased glucose-induced thermogenesis at the onset of obesity. American Journal of Clinical Nutrition, 1993, 57, 851-856.	2.2	27
146	Association of purified thyroid lysosomes to reconstituted microtubules. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 969, 121-130.	1.9	24
147	Regulation of the microtubule-lysosome interaction: activation by Mg <sup>2+</sup> and inhibition by ATP. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 971, 29-37.	1.9	11
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