Gilles Mithieux

List of Publications by Year
in descending order

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	Microbiota-Generated Metabolites Promote Metabolic Benefits via Gut-Brain Neural Circuits. Cell, 2014, 156, 84-96.	13.5	1,615
2	Metformin inhibits hepatic gluconeogenesis in mice independently of the LKB1/AMPK pathway via a decrease in hepatic energy state. Journal of Clinical Investigation, 2010, 120, 2355-2369.	3.9	1,001
3	Microbiota-Produced Succinate Improves Glucose Homeostasis via Intestinal Gluconeogenesis. Cell Metabolism, 2016, 24, 151-157.	7.2	496
4	Liver PPARÎ± is crucial for whole-body fatty acid homeostasis and is protective against NAFLD. Gut, 2016, 65, 1202-1214.	6.1	494
5	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. Nature Reviews Drug Discovery, 2020, 19, 609-633.	21.5	441
6	Resveratrol protects primary rat hepatocytes against oxidative stress damage:. European Journal of Pharmacology, 2008, 591, 66-72.	1.7	274
7	Intestinal Gluconeogenesis Is a Key Factor for Early Metabolic Changes after Gastric Bypass but Not after Gastric Lap-Band in Mice. Cell Metabolism, 2008, 8, 201-211.	7.2	270
8	Liver Adenosine Monophosphate-Activated Kinase-Î±2 Catalytic Subunit Is a Key Target for the Control of Hepatic Glucose Production by Adiponectin and Leptin But Not Insulin. Endocrinology, 2006, 147, 2432-2441.	1.4	216
9	Metabolic Adaptation Establishes Disease Tolerance to Sepsis. Cell, 2017, 169, 1263-1275.e14.	13.5	207
10	Portal sensing of intestinal gluconeogenesis is a mechanistic link in the diminution of food intake induced by diet protein. Cell Metabolism, 2005, 2, 321-329.	7.2	168
11	Rat Small Intestine Is an Insulin-Sensitive Gluconeogenic Organ. Diabetes, 2001, 50, 740-746.	0.3	167
12	The glucose-6 phosphatase gene is expressed in human and rat small intestine: Regulation of expression in fasted and diabetic rats. Gastroenterology, 1999, 117, 132-139.	0.6	158
13	Control of Blood Glucose in the Absence of Hepatic Glucose Production During Prolonged Fasting in Mice. Diabetes, 2011, 60, 3121-3131.	0.3	136
14	Gut-Brain Glucose Signaling in Energy Homeostasis. Cell Metabolism, 2017, 25, 1231-1242.	7.2	128
15	Targeted deletion of liver glucose-6 phosphatase mimics glycogen storage disease type 1a including development of multiple adenomas. Journal of Hepatology, 2011, 54, 529-537.	1.8	119
16	Gut Microbiota, Endocrine-Disrupting Chemicals, and the Diabetes Epidemic. Trends in Endocrinology and Metabolism, 2017, 28, 612-625.	3.1	118
17	New knowledge regarding glucose-6 phosphatase gene and protein and their roles in the regulation of glucose metabolism. European Journal of Endocrinology, 1997, 136, 137-145.	1.9	107
18	A Novel Role for Glucose 6-Phosphatase in the Small Intestine in the Control of Glucose Homeostasis. Journal of Biological Chemistry, 2004, 279, 44231-44234.	1.6	103

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19	Induction of control genes in intestinal gluconeogenesis is sequential during fasting and maximal in diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E370-E375.	1.8	101
20	Mu-Opioid Receptors and Dietary Protein Stimulate a Gut-Brain Neural Circuitry Limiting Food Intake. Cell, 2012, 150, 377-388.	13.5	99
21	The role of sodium-coupled glucose co-transporter 3 in the satiety effect of portal glucose sensing. Molecular Metabolism, 2013, 2, 47-53.	3.0	99
22	Hepatic circadian clock oscillators and nuclear receptors integrate microbiome-derived signals. Scientific Reports, 2016, 6, 20127.	1.6	92
23	Intrahepatic Mechanisms Underlying the Effect of Metformin in Decreasing Basal Glucose Production in Rats Fed a High-Fat Diet. Diabetes, 2002, 51, 139-143.	0.3	91
24	Induction of PEPCK gene expression in insulinopenia in rat small intestine.. Diabetes, 2000, 49, 1165-1168.	0.3	90
25	A liver Hif-2Î±â€"Irs2 pathway sensitizes hepatic insulin signaling and is modulated by Vegf inhibition. Nature Medicine, 2013, 19, 1331-1337.	15.2	90
26	Gut microbial degradation of organophosphate insecticides-induces glucose intolerance via gluconeogenesis. Genome Biology, 2017, 18, 8.	3.8	88
27	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. Diabetes, 1998, 47, 882-889.	0.3	80
28	Polyunsaturated Fatty Acyl Coenzyme A Suppress the Glucose-6-phosphatase Promoter Activity by Modulating the DNA Binding of Hepatocyte Nuclear Factor 4Î±. Journal of Biological Chemistry, 2002, 277, 15736-15744.	1.6	79
29	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	7.2	79
30	Gut-brain signaling in energy homeostasis: the unexpected role of microbiota-derived succinate. Journal of Endocrinology, 2018, 236, R105-R108.	1.2	64
31	New data and concepts on glutamine and glucose metabolism in the gut. Current Opinion in Clinical Nutrition and Metabolic Care, 2001, 4, 267-271.	1.3	60
32	Protein Feeding Promotes Redistribution of Endogenous Glucose Production to the Kidney and Potentiates Its Suppression by Insulin. Endocrinology, 2009, 150, 616-624.	1.4	59
33	Protein-induced satiety is abolished in the absence of intestinal gluconeogenesis. Physiology and Behavior, 2011, 105, 89-93.	1.0	57
34	Leucine Supplementation Protects from Insulin Resistance by Regulating Adiposity Levels. PLoS ONE, 2013, 8, e74705.	1.1	57
35	Contribution of intestine and kidney to glucose fluxes in different nutritional states in rat. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 143, 195-200.	0.7	53
36	A novel function of intestinal gluconeogenesis: Central signaling in glucose and energy homeostasis. Nutrition, 2009, 25, 881-884.	1.1	52

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37	Glucose-6 Phosphate, a Central Hub for Liver Carbohydrate Metabolism. Metabolites, 2019, 9, 282.	1.3	52
38	Liver Microsomal Glucose-6-phosphatase Is Competitively Inhibited by the Lipid Products of Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 1998, 273, 17-19.	1.6	51
39	A gutâ€"brain neural circuit controlled by intestinal gluconeogenesis is crucial in metabolic health. Molecular Metabolism, 2015, 4, 106-117.	3.0	51
40	Hypothalamic integration of portal glucose signals and control of food intake and insulin sensitivity. Diabetes and Metabolism, 2010, 36, 257-262.	1.4	50
41	Intestinal glucose metabolism revisited. Diabetes Research and Clinical Practice, 2014, 105, 295-301.	1.1	49
42	A link between hepatic glucose production and peripheral energy metabolism via hepatokines. Molecular Metabolism, 2014, 3, 531-543.	3.0	49
43	Intestinal gluconeogenesis is crucial to maintain a physiological fasting glycemia in the absence of hepatic glucose production in mice. Metabolism: Clinical and Experimental, 2014, 63, 104-111.	1.5	48
44	Insulin-like peptide 5 is a microbially regulated peptide that promotes hepatic glucose production. Molecular Metabolism, 2016, 5, 263-270.	3.0	48
45	Role of Glucose-6 Phosphatase, Glucokinase, and Glucose-6 Phosphate in Liver Insulin Resistance and Its Correction by Metformin. Biochemical Pharmacology, 1998, 55, 1213-1219.	2.0	47
46	Gut Microbiota and Host Metabolism: What Relationship. Neuroendocrinology, 2018, 106, 352-356.	1.2	47
47	Transcriptional Regulation of the Glucose-6-phosphatase Gene by cAMP/Vasoactive Intestinal Peptide in the Intestine. Journal of Biological Chemistry, 2006, 281, 31268-31278.	1.6	46
48	Intestinal gluconeogenesis: key signal of central control of energy and glucose homeostasis. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 419-423.	1.3	46
49	Portal glucose influences the sensory, cortical and reward systems in rats. European Journal of Neuroscience, 2013, 38, 3476-3486.	1.2	46
50	Intracellular lipids are an independent cause of liver injury and chronic kidney disease in non alcoholic fatty liver disease-like context. Molecular Metabolism, 2018, 16, 100-115.	3.0	46
51	Glycogen storage disease typeÂ1 and diabetes: Learning by comparing and contrasting the two disorders. Diabetes and Metabolism, 2013, 39, 377-387.	1.4	45
52	Targeted deletion of kidney glucose-6 phosphatase leads to nephropathy. Kidney International, 2014, 86, 747-756.	2.6	45
53	Phosphatidylinositol 3-Kinase Translocates onto Liver Endoplasmic Reticulum and May Account for the Inhibition of Glucose-6-phosphatase during Refeeding. Journal of Biological Chemistry, 1999, 274, 3597-3601.	1.6	43
54	Protein hydrolysates stimulate proglucagon gene transcription in intestinal endocrine cells via two elements related to cyclic AMP response element. Diabetologia, 2004, 47, 926-936.	2.9	43

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55	Mutation analysis in 24 French patients with glycogen storage disease type 1a.. Journal of Medical Genetics, 1996, 33, 358-360.	1.5	42
56	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. Molecular and Cellular Biochemistry, 1996, 155, 37-41.	1.4	40
57	The new functions of the gut in the control of glucose homeostasis. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 445-449.	1.3	40
58	Bile Routing Modification Reproduces Key Features of Gastric Bypass in Rat. Annals of Surgery, 2015, 262, 1006-1015.	2.1	39
59	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. Obesity, 2014, 22, 713-720.	1.5	37
60	Intestinal gluconeogenesis prevents obesity-linked liver steatosis and non-alcoholic fatty liver disease. Gut, 2020, 69, 2193-2202.	6.1	37
61	Mechanisms by Which Fatty-Acyl-CoA Esters Inhibit or Activate Glucose-6-Phosphatase in Intact and Detergent-Treated Rat Liver Microsomes. FEBS Journal, 1996, 235, 799-803.	0.2	36
62	Mechanisms by which insulin, associated or not with glucose, may inhibit hepatic glucose production in the rat. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E984-E989.	1.8	35
63	mRNA therapy restores euglycemia and prevents liver tumors in murine model of glycogen storage disease. Nature Communications, 2021, 12, 3090.	5.8	35
64	Differential regulation of the glucose-6-phosphatase TATA box by intestine-specific homeodomain proteins CDX1 and CDX2. Nucleic Acids Research, 2003, 31, 5238-5246.	6.5	34
65	What can bariatric surgery teach us about the pathophysiology of type 2 diabetes?. Diabetes and Metabolism, 2009, 35, 499-507.	1.4	34
66	Hepatic Carbohydrate Response Element Binding Protein Activation Limits Nonalcoholic Fatty Liver Disease Development in a Mouse Model for Glycogen Storage Disease Type 1a. Hepatology, 2020, 72, 1638-1653.	3.6	34
67	Liver glucose-6 phosphatase activity is inhibited by refeeding in rats. Journal of Nutrition, 1995, 125, 2727-32.	1.3	34
68	Immunocytochemical localization of glucose 6-phosphatase and cytosolic phosphoenolpyruvate carboxykinase in gluconeogenic tissues reveals unsuspected metabolic zonation. Histochemistry and Cell Biology, 2007, 127, 555-565.	0.8	33
69	A Distal Region Involving Hepatocyte Nuclear Factor 4Î± and CAAT/Enhancer Binding Protein Markedly Potentiates the Protein Kinase A Stimulation of the Glucose-6-Phosphatase Promoter. Molecular Endocrinology, 2005, 19, 163-174.	3.7	31
70	Metabolic effects of portal vein sensing. Diabetes, Obesity and Metabolism, 2014, 16, 56-60.	2.2	31
71	Dietary exacerbation of metabolic stress leads to accelerated hepatic carcinogenesis in glycogen storage disease type Ia. Journal of Hepatology, 2018, 69, 1074-1087.	1.8	31
72	Glucotoxicity Induces Glucose-6-Phosphatase Catalytic Unit Expression by Acting on the Interaction of HIF-1Î± With CREB-Binding Protein. Diabetes, 2012, 61, 2451-2460.	0.3	29

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73	Characteristics and specificity of the inhibition of liver glucose-6-phosphatase by arachidonic acid. Lesser inhibitability of the enzyme of diabetic rats. FEBS Journal, 1993, 213, 461-466.	0.2	28
74	Decreased glucose-induced thermogenesis at the onset of obesity. American Journal of Clinical Nutrition, 1993, 57, 851-856.	2.2	27
75	Enzymatic characterization of four new mutations in the glucose-6 phosphatase (G6PC) gene which cause glycogen storage disease type 1a. Annals of Human Genetics, 1999, 63, 141-146.	0.3	27
76	Atrial Natriuretic Peptide Orchestrates a Coordinated Physiological Response to Fuel Non-shivering Thermogenesis. Cell Reports, 2020, 32, 108075.	2.9	27
77	Differential time course of liver and kidney glucose-6 phosphatase activity during fasting in rats. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1994, 109, 99-104.	0.2	26
78	Vasoactive intestinal peptide is a local mediator in a gutâ€brain neural axis activating intestinal gluconeogenesis. Neurogastroenterology and Motility, 2015, 27, 443-448.	1.6	25
79	Does <i>Akkermansia muciniphila</i> play a role in type 1 diabetes?. Gut, 2018, 67, 1373-1374.	6.1	25
80	Association of purified thyroid lysosomes to reconstituted microtubules. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 969, 121-130.	1.9	24
81	Leptin Infusion and Obesity in Mouse Cause Alterations in the Hypothalamic Melanocortin System. Obesity, 2008, 16, 1763-1769.	1.5	24
82	Rescue of GSDIII Phenotype with Gene Transfer Requires Liver- and Muscle-Targeted GDE Expression. Molecular Therapy, 2018, 26, 890-901.	3.7	24
83	Inhibition of Glycogen Synthase II with RNAi Prevents Liver Injury in Mouse Models of Glycogen Storage Diseases. Molecular Therapy, 2018, 26, 1771-1782.	3.7	24
84	Role of Hypothalamic Melanocortin System in Adaptation of Food Intake to Food Protein Increase in Mice. PLoS ONE, 2011, 6, e19107.	1.1	24
85	Link between Intestinal CD36 Ligand Binding and Satiety Induced by a High Protein Diet in Mice. PLoS ONE, 2012, 7, e30686.	1.1	22
86	Comment about intestinal gluconeogenesis after gastric bypass in human in relation with the paper by Hayes et al., Obes. Surg. 2011. Obesity Surgery, 2012, 22, 1920-1922.	1.1	21
87	Glucoseâ€6â€Phosphate Regulates Hepatic Bile Acid Synthesis in Mice. Hepatology, 2019, 70, 2171-2184.	3.6	21
88	Progressive development of renal cysts in glycogen storage disease type I. Human Molecular Genetics, 2016, 25, 3784-3797.	1.4	20
89	Hepatic stress associated with pathologies characterized by disturbed glucose production. Cell Stress, 2019, 3, 86-99.	1.4	20
90	Glucose 6-Phosphate Hydrolysis Is Activated by Glucagon in a Low Temperature-sensitive Manner. Journal of Biological Chemistry, 2001, 276, 28126-28133.	1.6	19

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91	Nutrient Control of Energy Homeostasis via Gut-Brain Neural Circuits. Neuroendocrinology, 2014, 100, 89-94.	1.2	19
92	Hepatic lentiviral gene transfer prevents the long-term onset of hepatic tumours of glycogen storage disease type 1a in mice. Human Molecular Genetics, 2015, 24, 2287-2296.	1.4	19
93	Lessons from new mouse models of glycogen storage disease type 1a in relation to the time course and organ specificity of the disease. Journal of Inherited Metabolic Disease, 2015, 38, 521-527.	1.7	18
94	Hepatocytes contribute to residual glucose production in a mouse model for glycogen storage disease type Ia. Hepatology, 2017, 66, 2042-2054.	3.6	18
95	Study of a chromatin domain different from bulk chromatin in barley nuclei. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1984, 781, 286-293.	2.4	17
96	Regulatory role of glucose-6 phosphatase in the repletion of liver glycogen during refeeding in fasted rats. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1452, 172-178.	1.9	17
97	Unsaturated Fatty Acids Associated with Glycogen May Inhibit Glucose-6 Phosphatase in Rat Liver. Journal of Nutrition, 1997, 127, 2289-2292.	1.3	16
98	Glucose utilization is suppressed in the gut of insulin-resistant high fat-fed rats and is restored by metformin. Biochemical Pharmacology, 2006, 72, 198-203.	2.0	16
99	Metabolic and melanocortin gene expression alterations in male offspring of obese mice. Molecular and Cellular Endocrinology, 2010, 319, 99-108.	1.6	16
100	Challenges of Gene Therapy for the Treatment of Glycogen Storage Diseases Type I and Type III. Human Gene Therapy, 2019, 30, 1263-1273.	1.4	16
101	The role of kidney in the inter-organ coordination of endogenous glucose production during fasting. Molecular Metabolism, 2018, 16, 203-212.	3.0	15
102	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. Archives of Biochemistry and Biophysics, 1996, 326, 238-242.	1.4	14
103	Glyceroneogenesis: An unexpected metabolic pathway for glutamine in Schistosoma mansoni sporocysts. Molecular and Biochemical Parasitology, 2006, 147, 145-153.	0.5	14
104	Deregulation of Hepatic Insulin Sensitivity Induced by Central Lipid Infusion in Rats Is Mediated by Nitric Oxide. PLoS ONE, 2009, 4, e6649.	1.1	14
105	Nutrient control of hunger by extrinsic gastrointestinal neurons. Trends in Endocrinology and Metabolism, 2013, 24, 378-384.	3.1	14
106	In vivo hepatic lipid quantification using MRS at 7 Tesla in a mouse model of glycogen storage disease type 1a. Journal of Lipid Research, 2013, 54, 2010-2022.	2.0	14
107	The absence of hepatic glucose-6 phosphatase/ChREBP couple is incompatible with survival in mice. Molecular Metabolism, 2021, 43, 101108.	3.0	14
108	Brain, liver, intestine: a triumvirate to coordinate insulin sensitivity of endogenous glucose production. Diabetes and Metabolism, 2010, 36, S50-S53.	1.4	13

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109	Polycystic kidney features of the renal pathology in glycogen storage disease type I: possible evolution to renal neoplasia. Journal of Inherited Metabolic Disease, 2018, 41, 955-963.	1.7	13
110	Glycogen storage disease type 1a is associated with disturbed vitamin A metabolism and elevated serum retinol levels. Human Molecular Genetics, 2020, 29, 264-273.	1.4	13
111	Impaired <scp>Veryâ€Lowâ€Density Lipoprotein</scp> catabolism links hypoglycemia to hypertriglyceridemia in Glycogen Storage Disease typeÂIa. Journal of Inherited Metabolic Disease, 2021, 44, 879-892.	1.7	13
112	Transcriptional Regulation of the Glucose-6-phosphatase Gene by cAMP/Vasoactive Intestinal Peptide in the Intestine. Journal of Biological Chemistry, 2006, 281, 31268-31278.	1.6	13
113	Tubulin-chromatin interactions: Evidence for tubulin-binding sites on chromatin and isolated oligonucleosomes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 888, 49-61.	1.9	12
114	A Synergy between Incretin Effect and Intestinal Gluconeogenesis Accounting for the Rapid Metabolic Benefits of Gastric Bypass Surgery. Current Diabetes Reports, 2012, 12, 167-171.	1.7	12
115	Gut nutrient sensing and microbiota function in the control of energy homeostasis. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 273-276.	1.3	12
116	Association states of tubulin in the presence and absence of microtubule-associated proteins. Biophysical Chemistry, 1985, 22, 307-316.	1.5	11
117	Regulation of the microtubule-lysosome interaction: activation by Mg2+ and inhibition by ATP. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 971, 29-37.	1.9	11
118	Activation of liver G-6-Pase in response to insulin-induced hypoglycemia or epinephrine infusion in the rat. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E905-E910.	1.8	11
119	Crosstalk between gastrointestinal neurons and the brain in the control of food intake. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 739-744.	2.2	11
120	Mechanisms by Which Metabolic Reprogramming in GSD1 Liver Generates a Favorable Tumorigenic Environment. FIRE Forum for International Research in Education, 2016, 4, 232640981667942.	0.7	11
121	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. Journal of Proteome Research, 2016, 15, 1342-1349.	1.8	11
122	New insights into the organisation and intracellular localisation of the two subunits of glucose-6-phosphatase. Biochimie, 2012, 94, 695-703.	1.3	10
123	Pathogenesis of Hepatic Tumors following Gene Therapy in Murine and Canine Models of Glycogen Storage Disease. Molecular Therapy - Methods and Clinical Development, 2019, 15, 383-391.	1.8	10
124	A hypometabolic defense strategy against malaria. Cell Metabolism, 2022, 34, 1183-1200.e12.	7.2	10
125	Glucose-6-Phosphatase Specificity after Membrane Solubilization by Detergent Treatment1. Journal of Biochemistry, 1994, 116, 1336-1340.	0.9	9
126	Chromatin structure in barley nuclei. FEBS Journal, 1983, 135, 443-447.	0.2	8

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127	Identification of Membrane-Bound Phosphoglucomutase and Glucose-6 Phosphatase by 32P-Labeling of Rat Liver Microsomal Membrane Proteins with 32P-Glucose-6 Phosphate1. Journal of Biochemistry, 1995, 117, 908-914.	0.9	8
128	The suppression of hepatic glucose production improves metabolism and insulin sensitivity in subcutaneous adipose tissue in mice. Diabetologia, 2016, 59, 2645-2653.	2.9	8
129	Tamoxifen Treatment in the Neonatal Period Affects Glucose Homeostasis in Adult Mice in a Sex-Dependent Manner. Endocrinology, 2021, 162, .	1.4	8
130	Structural properties of barley nucleosomes. Biophysical Chemistry, 1984, 20, 111-119.	1.5	5
131	A role for PYY3-36 in GLP1-induced insulin secretion. Molecular Metabolism, 2013, 2, 123-125.	3.0	5
132	Metabolic benefits of gastric bypass surgery in the mouse: The role of fecal losses. Molecular Metabolism, 2020, 31, 14-23.	3.0	5
133	Calcitonin Gene-Related Peptide-Induced Phosphorylation of STAT3 in Arcuate Neurons Is a Link in the Metabolic Benefits of Portal Glucose. Neuroendocrinology, 2021, 111, 555-567.	1.2	5
134	Dietary Fibers and Proteins Modulate Behavior via the Activation of Intestinal Gluconeogenesis. Neuroendocrinology, 2021, 111, 1249-1265.	1.2	5
135	Glucose-6-phosphate phosphohydrolase of detergent-treated liver microsomal membranes exhibits a specific kinetic behaviour towards glucose 6-phosphate. FEBS Journal, 1993, 212, 335-338.	0.2	4
136	Satiety and the role of Î¼-opioid receptors in the portal vein. Current Opinion in Pharmacology, 2013, 13, 959-963.	1.7	4
137	Absence of Role of Dietary Protein Sensing in the Metabolic Benefits of Duodenal-Jejunal Bypass in the Mouse. Scientific Reports, 2017, 7, 44856.	1.6	4
138	Intestinal gluconeogenesis and protein diet: future directions. Proceedings of the Nutrition Society, 2021, 80, 118-125.	0.4	4
139	Cellular and metabolic effects of renin-angiotensin system blockade on glycogen storage disease type I nephropathy. Human Molecular Genetics, 2022, 31, 914-928.	1.4	4
140	Intestinal gluconeogenesis shapes gut microbiota, fecal and urine metabolome in mice with gastric bypass surgery. Scientific Reports, 2022, 12, 1415.	1.6	4
141	The gut microbiota: stable bioreactor of variable composition?. Trends in Endocrinology and Metabolism, 2022, 33, 443-446.	3.1	4
142	Hepatocyte-specific glucose-6-phosphatase deficiency disturbs platelet aggregation and decreases blood monocytes upon fasting-induced hypoglycemia. Molecular Metabolism, 2021, 53, 101265.	3.0	3
143	La nÃ©oglucogenÃ¨se intestinale: un nouvel acteur du contrÃ´le de la prise alimentaire. Cahiers De Nutrition Et De Dietetique, 2006, 41, 211-215.	0.2	2
144	Jejunal Insulin Signalling Is Increased in Morbidly Obese Subjects with High Insulin Resistance and Is Regulated by Insulin and Leptin. Journal of Clinical Medicine, 2020, 9, 196.	1.0	2

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145	Nutropioids Regulate Gut-Brain Circuitry Controlling Food Intake. Frontiers of Hormone Research, 2014, 42, 155-162.	1.0	1
146	Master role of glucose-6-phosphate in cell signaling and consequences of its deregulation in the liver and kidneys. , 2019, , 173-189.		1
147	Increased atherosclerosis in a mouse model of glycogen storage disease type 1a. Molecular Genetics and Metabolism Reports, 2022, 31, 100872.	0.4	1
148	Portal Glucose Infusion, Afferent Nerve Fibers, and Glucose and Insulin Tolerance of Insulin-Resistant Rats. Journal of Nutrition, 2022, 152, 1862-1871.	1.3	1
149	Polyunsaturated fatty acyl coenzyme A suppress the glucose-6-phosphatase promoter activity by modulating the DNA binding of hepatocyte nuclear factor 4Î±.. Journal of Biological Chemistry, 2003, 278, 5488.	1.6	0
150	SensibilitÃ© au glucose : de lâ€™intestin au cerveau. Bulletin De L'Academie Nationale De Medecine, 2007, 191, 911-921.	0.0	0
151	Adaptation of Hepatic, Renal and Intestinal Gluconeogenesis During Food Deprivation. , 2017, , 1-15.		0
152	Adaptation of Hepatic, Renal, and Intestinal Gluconeogenesis During Food Deprivation. , 2019, , 2133-2147.		0
153	Transcription factor p63, a member of the p53 family of tumour suppressors, regulates hepatic glucose metabolism. Gut, 0, , gutjnl-2022-327790.	6.1	0