Corinne Leloup

List of Publications by Year in Descending Order

60 papers	2,390 citations	27 h-index	48 g-index
84 ext. papers	2,636 ext. citations	4.1 avg, IF	4.2 L-index

#	Paper	IF	Citations
60	Taste of Fat and Obesity: Different Hypotheses and Our Point of View.. *Nutrients*, **2022**, 14,	6.7	1
59	Hemodialysis Affects Wanting and Spontaneous Intake of Protein-Rich Foods in Chronic Kidney Disease Patients. *Journal of Renal Nutrition*, **2021**, 31, 164-176	3	1
58	Defective autophagy in Sf1 neurons perturbs the metabolic response to fasting and causes mitochondrial dysfunction. *Molecular Metabolism*, **2021**, 47, 101186	8.8	3
57	Study of Small Intestinal Bacterial Overgrowth in a Cohort of Patients with Abdominal Symptoms Who Underwent Bariatric Surgery. *Obesity Surgery*, **2020**, 30, 2331-2337	3.7	5
56	Differential Cerebral Gustatory Responses to Sucrose, Aspartame, and Stevia Using Gustatory Evoked Potentials in Humans. *Nutrients*, **2020**, 12,	6.7	3
55	: Does the Glycemic Index Have a Role to Play?. *Nutrients*, **2020**, 12,	6.7	3
54	Cerebral gustatory activation in response to free fatty acids using gustatory evoked potentials in humans. *Journal of Lipid Research*, **2019**, 60, 661-670	6.3	10
53	Taste Perception and Cerebral Activity in the Human Gustatory Cortex Induced by Glucose, Fructose, and Sucrose Solutions. *Chemical Senses*, **2019**, 44, 435-447	4.8	2
52	Role of Mitochondria in Brain Nutrient Sensing: Control of Energy Balance and Dysregulation in Obesity and Type 2 Diabetes **2019**, 245-260		
51	Proof of concept: Effect of GLP-1 agonist on food hedonic responses and taste sensitivity in poor controlled type 2 diabetic patients. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2019**, 13, 2489-2494	8.9	10
50	Mitochondrial Dynamin-Related Protein 1 (DRP1) translocation in response to cerebral glucose is impaired in a rat model of early alteration in hypothalamic glucose sensing. *Molecular Metabolism*, **2019**, 20, 166-177	8.8	9
49	Modulation of large dense core vesicle insulin content mediates rhythmic hormone release from pancreatic beta cells over the 24h cycle. *PLoS ONE*, **2018**, 13, e0193882	3.7	3
48	D□tection c□□brale du glucose, plasticit□neuronale et m□tabolisme □ergi□que. *Cahiers De Nutrition Et De Dietetique*, **2017**, 52, 19-25	0.2	
47	Systemic Delivery of Tumor-Targeted Bax-Derived Membrane-Active Peptides for the Treatment of Melanoma Tumors in a Humanized SCID Mouse Model. *Molecular Therapy*, **2017**, 25, 534-546	11.7	14
46	Transient Receptor Potential Canonical 3 (TRPC3) Channels Are Required for Hypothalamic Glucose Detection and Energy Homeostasis. *Diabetes*, **2017**, 66, 314-324	0.9	21
45	AMPK activation caused by reduced liver lactate metabolism protects against hepatic steatosis in MCT1 haploinsufficient mice. *Molecular Metabolism*, **2017**, 6, 1625-1633	8.8	17
44	Recent Advances in the Cellular and Molecular Mechanisms of Hypothalamic Neuronal Glucose Detection. *Frontiers in Physiology*, **2017**, 8, 875	4.6	20

43	Glucose and hypothalamic astrocytes: More than a fueling role?. *Neuroscience*, **2016**, 323, 110-20	3.9	35
42	Short-term moderate diet restriction in adulthood can reverse oxidative, cardiovascular and metabolic alterations induced by postnatal overfeeding in mice. *Scientific Reports*, **2016**, 6, 30817	4.9	20
41	Hypothalamic sensing of ketone bodies after prolonged cerebral exposure leads to metabolic control dysregulation. *Scientific Reports*, **2016**, 6, 34909	4.9	15
40	Evidence for hypothalamic ketone body sensing: impact on food intake and peripheral metabolic responses in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E103-15	6	29
39	Preference for Sucrose Solutions Modulates Taste Cortical Activity in Humans. *Chemical Senses*, **2016**, 41, 591-9	4.8	4
38	Attenuated Levels of Hippocampal Connexin 43 and its Phosphorylation Correlate with Antidepressant- and Anxiolytic-Like Activities in Mice. *Frontiers in Cellular Neuroscience*, **2015**, 9, 490	6.1	40
37	Prandial States Modify the Reactivity of the Gustatory Cortex Using Gustatory Evoked Potentials in Humans. *Frontiers in Neuroscience*, **2015**, 9, 490	5.1	9
36	Hypothalamic astroglial connexins are required for brain glucose sensing-induced insulin secretion. *Journal of Cerebral Blood Flow and Metabolism*, **2014**, 34, 339-46	7.3	32
35	Hypothalamic apelin/reactive oxygen species signaling controls hepatic glucose metabolism in the onset of diabetes. *Antioxidants and Redox Signaling*, **2014**, 20, 557-73	8.4	32
34	Tissue-selective estrogen complexes with bazedoxifene prevent metabolic dysfunction in female mice. *Molecular Metabolism*, **2014**, 3, 177-90	8.8	76
33	Animal Models and Methods to Study the Relationships Between Brain and Tissues in Metabolic Regulation **2013**, 569-593		
32	Alteration of hypothalamic glucose and lactate sensing in 48h hyperglycemic rats. *Neuroscience Letters*, **2013**, 534, 75-9	3.3	10
31	Hypothalamic S-nitrosylation contributes to the counter-regulatory response impairment following recurrent hypoglycemia. *PLoS ONE*, **2013**, 8, e68709	3.7	16
30	Importance of mitochondrial dynamin-related protein 1 in hypothalamic glucose sensitivity in rats. *Antioxidants and Redox Signaling*, **2012**, 17, 433-44	8.4	29
29	Balancing mitochondrial redox signaling: a key point in metabolic regulation. *Antioxidants and Redox Signaling*, **2011**, 14, 519-30	8.4	46
28	The role of RAD9 in tumorigenesis. *Journal of Molecular Cell Biology*, **2011**, 3, 39-43	6.3	32
27	Mouse Rad9b is essential for embryonic development and promotes resistance to DNA damage. *Developmental Dynamics*, **2010**, 239, 2837-50	2.9	6
26	Hypothalamic reactive oxygen species are required for insulin-induced food intake inhibition: an NADPH oxidase-dependent mechanism. *Diabetes*, **2009**, 58, 1544-9	0.9	55

25	Enhanced hypothalamic glucose sensing in obesity: alteration of redox signaling. *Diabetes*, **2009**, 58, 2189-97	0.9	49
24	Mitochondrial reactive oxygen species are obligatory signals for glucose-induced insulin secretion. *Diabetes*, **2009**, 58, 673-81	0.9	256
23	Method for functional study of mitochondria in rat hypothalamus. *Journal of Neuroscience Methods*, **2009**, 178, 301-7	3	12
22	Diabetic beta-cells can achieve self-protection against oxidative stress through an adaptive up-regulation of their antioxidant defenses. *PLoS ONE*, **2009**, 4, e6500	3.7	51
21	Brain glucagon-like peptide-1 regulates arterial blood flow, heart rate, and insulin sensitivity. *Diabetes*, **2008**, 57, 2577-87	0.9	100
20	Role for mitochondrial reactive oxygen species in brain lipid sensing: redox regulation of food intake. *Diabetes*, **2007**, 56, 152-60	0.9	118
19	D□ecteurs de glucose et r□gulation de la prise alimentaire. *Cahiers De Nutrition Et De Dietetique*, **2007**, 42, 134-138	0.2	1
18	La sensibilit□□brale au glucose. *Bulletin De L'Academie Nationale De Medecine*, **2007**, 191, 923-932	0.1	
17	Mitochondrial reactive oxygen species are required for hypothalamic glucose sensing. *Diabetes*, **2006**, 55, 2084-90	0.9	120
16	Linear energy transfer dependence of the effects of carbon ion beams on adventitious shoot regeneration from in vitro leaf explants of Saintpaulia ionahta. *International Journal of Radiation Biology*, **2006**, 82, 473-81	2.9	24
15	Brain glucose sensing: a subtle mechanism. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2006**, 9, 458-62	3.8	50
14	Differential impact of mouse Rad9 deletion on ionizing radiation-induced bystander effects. *Radiation Research*, **2005**, 164, 655-61	3.1	22
13	Evaluation of lesion clustering in irradiated plasmid DNA. *International Journal of Radiation Biology*, **2005**, 81, 41-54	2.9	68
12	Intrauterine hyperglycemia increases insulin binding sites but not glucose transporter expression in discrete brain areas in term rat fetuses. *Pediatric Research*, **2004**, 56, 263-7	3.2	8
11	Distribution and anatomical localization of the glucose transporter 2 (GLUT2) in the adult rat brain--an immunohistochemical study. *Journal of Chemical Neuroanatomy*, **2004**, 28, 117-36	3.2	114
10	Immunocytochemical localization of the glucose transporter 2 (GLUT2) in the adult rat brain. II. Electron microscopic study. *Journal of Chemical Neuroanatomy*, **2004**, 28, 137-46	3.2	75
9	Cerebral insulin increases brain response to glucose. *Journal of Neuroendocrinology*, **2003**, 15, 75-9	3.8	12
8	Brain glucose sensing mechanism and glucose homeostasis. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2002**, 5, 539-43	3.8	64

7	Altered Glut4 mRNA levels in specific brain areas of hyperglycemic-hyperinsulinemic rats. *Neuroscience Letters*, **2001**, 308, 75-8	3.3	21
6	The autonomic nervous system, adipose tissue plasticity, and energy balance. *Nutrition*, **2000**, 16, 903-8	4.8	96
5	Immunocytochemical localization of the insulin-responsive glucose transporter 4 (Glut4) in the rat central nervous system. *Journal of Comparative Neurology*, **1998**, 399, 492-512	3.4	133
4	Specific inhibition of GLUT2 in arcuate nucleus by antisense oligonucleotides suppresses nervous control of insulin secretion. *Molecular Brain Research*, **1998**, 57, 275-80		59
3	Developmental changes in integrin beta-subunits in rat cerebral cortex. *Neuroscience Letters*, **1997**, 234, 161-5	3.3	23
2	Discrete brain areas express the insulin-responsive glucose transporter GLUT4. *Molecular Brain Research*, **1996**, 38, 45-53		99
1	Glucose transporter 2 (GLUT 2): expression in specific brain nuclei. *Brain Research*, **1994**, 638, 221-6	3.7	176