RaphaÃ«l G Denis

List of Publications by Year
in descending order

49 papers	3,165 citations	257450 24 h-index	197818 49 g-index
54 all docs	54 docs citations	54 times ranked	6468 citing authors

#	Article	IF	Citations
1	Homocysteine Metabolism Pathway Is Involved in the Control of Glucose Homeostasis: A Cystathionine Beta Synthase Deficiency Study in Mouse. Cells, 2022, 11, 1737.	4.1	5
2	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPN1-related myopathy. Cell Death and Differentiation, 2021, 28, 123-138.	11.2	29
3	Further Evidence that Habitual Consumption of Sucralose with, but Not without, Carbohydrate Alters Glucose Metabolism. Cell Metabolism, 2021, 33, 227-228.	16.2	1
4	Ghrelin treatment induces rapid and delayed increments of food intake: a heuristic model to explain ghrelinâ€™s orexigenic effects. Cellular and Molecular Life Sciences, 2021, 78, 6689-6708.	5.4	10
5	Cardiolipin content controls mitochondrial coupling and energetic efficiency in muscle. Science Advances, 2021, 7, .	10.3	23
6	Insights From Liverâ€Humanized Mice on Cholesterol Lipoprotein Metabolism and LXRâ€Agonist Pharmacodynamics in Humans. Hepatology, 2020, 72, 656-670.	7.3	23
7	Lkb1 suppresses amino acid-driven gluconeogenesis in the liver. Nature Communications, 2020, 11, 6127.	12.8	21
8	Postprandial Hyperglycemia Stimulates Neuroglial Plasticity in Hypothalamic POMC Neurons after a Balanced Meal. Cell Reports, 2020, 30, 3067-3078.e5.	6.4	33
9	Short-Term Consumption of Sucralose with, but Not without, Carbohydrate Impairs Neural and Metabolic Sensitivity to Sugar in Humans. Cell Metabolism, 2020, 31, 493-502.e7.	16.2	79
10	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. Cell Metabolism, 2019, 30, 754-767.e9.	16.2	67
11	New roles for prokineticin 2 in feeding behavior, insulin resistance and type 2 diabetes: Studies in mice and humans. Molecular Metabolism, 2019, 29, 182-196.	6.5	15
12	A readout of metabolic efficiency in arylamine <i>N</i>â€acetyltransferaseâ€deficient mice reveals minor energy metabolism changes. FEBS Letters, 2019, 593, 831-841.	2.8	3
13	Genetic depletion of the Soat2 gene diminishes diet-induced hepatic steatosis and improves glucose tolerance in mice. Atherosclerosis, 2018, 275, e25.	0.8	0
14	Endocannabinoid and nitric oxide systems of the hypothalamic paraventricular nucleus mediate effects of NPY on energy expenditure. Molecular Metabolism, 2018, 18, 120-133.	6.5	17
15	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. Nature Medicine, 2018, 24, 1113-1120.	30.7	193
16	Lipoprotein Lipase Expression in Hypothalamus Is Involved in the Central Regulation of Thermogenesis and the Response to Cold Exposure. Frontiers in Endocrinology, 2018, 9, 103.	3.5	6
17	Prebiotics Supplementation Impact on the Reinforcing and Motivational Aspect of Feeding. Frontiers in Endocrinology, 2018, 9, 273.	3.5	22
18	lkb1 inhibits the hepatic gluconeogenis by impeding the availability of amino acids. Journal of Hepatology, 2018, 68, S413-S414.	3.7	0

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19	Lipoprotein lipase in hypothalamus is a key regulator of body weight gain and glucose homeostasis in mice. Diabetologia, 2017, 60, 1314-1324.	6.3	23
20	The LXCXE Retinoblastoma Protein-Binding Motif of FOG-2 Regulates Adipogenesis. Cell Reports, 2017, 21, 3524-3535.	6.4	4
21	Muscle expression of a malonyl-CoA-insensitive carnitine palmitoyltransferase-1 protects mice against high-fat/high-sucrose diet-induced insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E649-E660.	3.5	8
22	Deletion of tumor necrosis factor-Î± receptor 1 (TNFR1) protects against diet-induced obesity by means of increased thermogenesis.. Journal of Biological Chemistry, 2016, 291, 26934.	3.4	6
23	Adipose tissue NAPE-PLD controls fat mass development by altering the browning process and gut microbiota. Nature Communications, 2015, 6, 6495.	12.8	144
24	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. Nature Medicine, 2015, 21, 610-618.	30.7	149
25	Palatability Can Drive Feeding Independent of AgRP Neurons. Cell Metabolism, 2015, 22, 646-657.	16.2	122
26	Intestinal epithelial MyD88 is a sensor switching host metabolism towards obesity according to nutritional status. Nature Communications, 2014, 5, 5648.	12.8	197
27	Hippocampal lipoprotein lipase regulates energy balance in rodents. Molecular Metabolism, 2014, 3, 167-176.	6.5	47
28	Myostatin is a key mediator between energy metabolism and endurance capacity of skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R444-R454.	1.8	65
29	Intestinal deletion of leptin signaling alters activity of nutrient transporters and delayed the onset of obesity in mice. FASEB Journal, 2014, 28, 4100-4110.	0.5	29
30	The hypothalamic arcuate nucleus and the control of peripheral substrates. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 725-737.	4.7	100
31	Circuits de la rÃ©compense et prise alimentaire. Medecine Des Maladies Metaboliques, 2013, 7, 13-21.	0.1	1
32	ChemR23 knockout mice display mild obesity but no deficit in adipocyte differentiation. Journal of Endocrinology, 2013, 219, 279-289.	2.6	42
33	Arcuate AgRP neurons and the regulation of energy balance. Frontiers in Endocrinology, 2012, 3, 169.	3.5	59
34	Beige differentiation of adipose depots in mice lacking prolactin receptor protects against highâ€fatâ€dietâ€induced obesity. FASEB Journal, 2012, 26, 3728-3737.	0.5	65
35	Hypothalamic AgRP-neurons control peripheral substrate utilization and nutrient partitioning. EMBO Journal, 2012, 31, 4276-4288.	7.8	105
36	Laforin, a dual specificity phosphatase involved in Lafora disease, regulates insulin response and whole-body energy balance in mice. Human Molecular Genetics, 2011, 20, 2571-2584.	2.9	16

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37	The Nutritional Induction of COUP-TFII Gene Expression in Ventromedial Hypothalamic Neurons Is Mediated by the Melanocortin Pathway. PLoS ONE, 2010, 5, e13464.	2.5	8
38	Additive effects of olanzapine and melanin-concentrating hormone agonism on energy balance. Behavioural Brain Research, 2010, 207, 14-20.	2.2	22
39	Deletion of Tumor Necrosis Factor-Î± Receptor 1 (TNFR1) Protects against Diet-induced Obesity by Means of Increased Thermogenesis. Journal of Biological Chemistry, 2009, 284, 36213-36222.	3.4	125
40	Saturated Fatty Acids Produce an Inflammatory Response Predominantly through the Activation of TLR4 Signaling in Hypothalamus: Implications for the Pathogenesis of Obesity. Journal of Neuroscience, 2009, 29, 359-370.	3.6	886
41	Reactive oxygen species production is increased in the peripheral blood monocytes of obese patients. Metabolism: Clinical and Experimental, 2009, 58, 1087-1095.	3.4	20
42	Fyn Mediates Leptin Actions in the Thymus of Rodents. PLoS ONE, 2009, 4, e7707.	2.5	10
43	UCP2 protects hypothalamic cells from TNFâ€Î±â€induced damage. FEBS Letters, 2008, 582, 3103-3110.	2.8	30
44	Peroxisome Proliferator-Activated Receptor-Î³-Mediated Positive Energy Balance in the Rat Is Associated with Reduced Sympathetic Drive to Adipose Tissues and Thyroid Status. Endocrinology, 2008, 149, 2121-2130.	2.8	106
45	Effects of Rimonabant (SR141716) on Fasting-Induced Hypothalamic-Pituitary-Adrenal Axis and Neuronal Activation in Lean and Obese Zucker Rats. Diabetes, 2006, 55, 3403-3410.	0.6	65
46	A fat-enriched, glucose-enriched diet markedly attenuates adiponectin mRNA levels in rat epididymal adipose tissue. Clinical Science, 2003, 105, 403-408.	4.3	43
47	Food restriction selectively increases hypothalamic orexin-B levels in lactating rats. Regulatory Peptides, 2001, 97, 163-168.	1.9	31
48	Signals of adiposity. Domestic Animal Endocrinology, 2001, 21, 197-214.	1.6	51
49	Acyltransferase activities in the yolk sac membrane of the chick embryo. Lipids, 1999, 34, 929-935.	1.7	23