Julien Castel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10068665/publications.pdf

Version: 2024-02-01

30 papers	2,127 citations	394421 19 h-index	501196 28 g-index
35 all docs	35 docs citations	35 times ranked	4056 citing authors

#	Article	IF	Citations
1	Identification of an endocannabinoid gut-brain vagal mechanism controlling food reward and energy homeostasis. Molecular Psychiatry, 2022, 27, 2340-2354.	7.9	22
2	Translational profiling of mouse dopaminoceptive neurons reveals region-specific gene expression, exon usage, and striatal prostaglandin E2 modulatory effects. Molecular Psychiatry, 2022, 27, 2068-2079.	7.9	12
3	Portal Glucose Infusion, Afferent Nerve Fibers, and Glucose and Insulin Tolerance of Insulin-Resistant Rats. Journal of Nutrition, 2022, 152, 1862-1871.	2.9	1
4	Hindbrain catecholaminergic inputs to the paraventricular thalamus scale feeding and metabolic efficiency in stressâ€related contexts. Journal of Physiology, 2022, 600, 2877-2895.	2.9	3
5	Disruption of lateral hypothalamic calorie detection by a free choice high fat diet. FASEB Journal, 2021, 35, e21804.	0.5	3
6	Cardiolipin content controls mitochondrial coupling and energetic efficiency in muscle. Science Advances, 2021, 7, .	10.3	23
7	A surrogate of Roux-en-Y gastric bypass (the enterogastro anastomosis surgery) regulates multiple beta-cell pathways during resolution of diabetes in ob/ob mice. EBioMedicine, 2020, 58, 102895.	6.1	8
8	Circulating Triglycerides Gate Dopamine-Associated Behaviors through DRD2-Expressing Neurons. Cell Metabolism, 2020, 31, 773-790.e11.	16.2	52
9	Postprandial Hyperglycemia Stimulates Neuroglial Plasticity in Hypothalamic POMC Neurons after a Balanced Meal. Cell Reports, 2020, 30, 3067-3078.e5.	6.4	33
10	Type 2 diabetes risk gene Dusp8 regulates hypothalamic Jnk signaling and insulin sensitivity. Journal of Clinical Investigation, 2020, 130, 6093-6108.	8.2	17
11	A readout of metabolic efficiency in arylamine Nâ€acetyltransferaseâ€deficient mice reveals minor energy metabolism changes. FEBS Letters, 2019, 593, 831-841.	2.8	3
12	Prebiotics Supplementation Impact on the Reinforcing and Motivational Aspect of Feeding. Frontiers in Endocrinology, 2018, 9, 273.	3.5	22
13	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
14	Adipose tissue NAPE-PLD controls fat mass development by altering the browning process and gut microbiota. Nature Communications, 2015, 6, 6495.	12.8	144
15	Palatability Can Drive Feeding Independent of AgRP Neurons. Cell Metabolism, 2015, 22, 646-657.	16.2	122
16	Intestinal epithelial MyD88 is a sensor switching host metabolism towards obesity according to nutritional status. Nature Communications, 2014, 5, 5648.	12.8	197
17	Oxytocin Reverses Ovariectomy-Induced Osteopenia and Body Fat Gain. Endocrinology, 2014, 155, 1340-1352.	2.8	55
18	Hippocampal lipoprotein lipase regulates energy balance in rodents. Molecular Metabolism, 2014, 3, 167-176.	6.5	47

#	Article	IF	Citations
19	Dietary triglycerides act on mesolimbic structures to regulate the rewarding and motivational aspects of feeding. Molecular Psychiatry, 2014, 19, 1095-1105.	7.9	54
20	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
21	High-Density Lipoprotein Maintains Skeletal Muscle Function by Modulating Cellular Respiration in Mice. Circulation, 2013, 128, 2364-2371.	1.6	73
22	Arcuate AgRP neurons and the regulation of energy balance. Frontiers in Endocrinology, 2012, 3, 169.	3.5	59
23	Hypothalamic AgRP-neurons control peripheral substrate utilization and nutrient partitioning. EMBO Journal, 2012, 31, 4276-4288.	7.8	105
24	Physiological and Pharmacological Mechanisms through which the DPP-4 Inhibitor Sitagliptin Regulates Glycemia in Mice. Endocrinology, 2011, 152, 3018-3029.	2.8	134
25	Exploring Functional Î²-Cell Heterogeneity In Vivo Using PSA-NCAM as a Specific Marker. PLoS ONE, 2009, 4, e5555.	2.5	39
26	Mitochondrial Reactive Oxygen Species Are Obligatory Signals for Glucose-Induced Insulin Secretion. Diabetes, 2009, 58, 673-681.	0.6	307
27	Oxidative Stress Contributes to Aging by Enhancing Pancreatic Angiogenesis and Insulin Signaling. Cell Metabolism, 2008, 7, 113-124.	16.2	64
28	Overexpression of Mitochondrial Methionine Sulfoxide Reductase B2 Protects Leukemia Cells from Oxidative Stress-induced Cell Death and Protein Damage. Journal of Biological Chemistry, 2008, 283, 16673-16681.	3.4	83
29	mTOR Inhibition by Rapamycin Prevents Î²-Cell Adaptation to Hyperglycemia and Exacerbates the Metabolic State in Type 2 Diabetes. Diabetes, 2008, 57, 945-957.	0.6	336
30	The Dopamine Receptor Subtype 2 (DRD2) Regulates the Central Reinforcing Actions of Dietary Lipids in Humans and Rodents. SSRN Electronic Journal, 0, , .	0.4	1