Alexandre Caron

List of Publications by Year
in descending order

35 papers	1,936 citations	304368 22 h-index	377514 34 g-index
40 all docs	40 docs citations	40 times ranked	3765 citing authors

#	Article	IF	Citations
1	The Roles of mTOR Complexes in Lipid Metabolism. Annual Review of Nutrition, 2015, 35, 321-348.	4.3	245
2	In vivo measurement of energy substrate contribution to coldâ€‐induced brown adipose tissue thermogenesis. FASEB Journal, 2015, 29, 2046-2058.	0.2	183
3	Leptin and brainâ€“adipose crosstalks. Nature Reviews Neuroscience, 2018, 19, 153-165.	4.9	182
4	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. Cell Metabolism, 2019, 30, 706-719.e6.	7.2	179
5	A Mitofusin-2â€“dependent inactivating cleavage of Opa1 links changes in mitochondria cristae and ER contacts in the postprandial liver. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16017-16022.	3.3	148
6	Metabolic activity of brown, â€œbeige,â€•and white adipose tissues in response to chronic adrenergic stimulation in male mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E260-E268.	1.8	92
7	Hypothalamic control of brown adipose tissue thermogenesis. Frontiers in Systems Neuroscience, 2015, 9, 150.	1.2	80
8	Role of leptin resistance in the development of obesity in older patients. Clinical Interventions in Aging, 2013, 8, 829.	1.3	77
9	POMC neurons expressing leptin receptors coordinate metabolic responses to fasting via suppression of leptin levels. ELife, 2018, 7, .	2.8	77
10	Interrelationships between ghrelin, insulin and glucose homeostasis: Physiological relevance. World Journal of Diabetes, 2014, 5, 328.	1.3	64
11	mTORC1 is Required for Brown Adipose Tissue Recruitment and Metabolic Adaptation to Cold. Scientific Reports, 2016, 6, 37223.	1.6	64
12	DEPTOR at the Nexus of Cancer, Metabolism, and Immunity. Physiological Reviews, 2018, 98, 1765-1803.	13.1	64
13	Neuronal systems and circuits involved in the control of food intake and adaptive thermogenesis. Annals of the New York Academy of Sciences, 2017, 1391, 35-53.	1.8	53
14	The hepatokine Tsukushi is released in response to NAFLD and impacts cholesterol homeostasis. JCI Insight, 2019, 4, .	2.3	39
15	Loss of UCP2 impairs cold-induced non-shivering thermogenesis by promoting a shift toward glucose utilization in brown adipose tissue. Biochimie, 2017, 134, 118-126.	1.3	34
16	Mediobasal hypothalamic overexpression of DEPTOR protects against high-fat diet-induced obesity. Molecular Metabolism, 2016, 5, 102-112.	3.0	33
17	Loss of hepatic DEPTOR alters the metabolic transition to fasting. Molecular Metabolism, 2017, 6, 447-458.	3.0	32
18	PPARÎ³ is a major regulator of branched-chain amino acid blood levels and catabolism in white and brown adipose tissues. Metabolism: Clinical and Experimental, 2018, 89, 27-38.	1.5	27

#	Article	IF	Citations
19	The medial preoptic nucleus as a site of the thermogenic and metabolic actions of melanotan II in male rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R158-R166.	0.9	25
20	Loss of OcaB Prevents Age-Induced Fat Accretion and Insulin Resistance by Altering B-Lymphocyte Transition and Promoting Energy Expenditure. Diabetes, 2018, 67, 1285-1296.	0.3	25
21	Leptin Receptor Expression in Mouse Intracranial Perivascular Cells. Frontiers in Neuroanatomy, 2018, 12, 4.	0.9	25
22	Adipocyte Gs but not Gi signaling regulates whole-body glucose homeostasis. Molecular Metabolism, 2019, 27, 11-21.	3.0	25
23	Involvement of the Acyl-CoA binding domain containing 7 in the control of food intake and energy expenditure in mice. ELife, 2016, 5, .	2.8	25
24	Desacetyl-Î±-melanocyte stimulating hormone and Î±-melanocyte stimulating hormone are required to regulate energy balance. Molecular Metabolism, 2018, 9, 207-216.	3.0	22
25	The Hepatokine TSK does not affect brown fat thermogenic capacity, body weight gain, and glucose homeostasis. Molecular Metabolism, 2019, 30, 184-191.	3.0	19
26	Amplification of Adipogenic Commitment by VSTM2A. Cell Reports, 2017, 18, 93-106.	2.9	18
27	Interscapular brown adipose tissue denervation does not promote the oxidative activity of inguinal white adipose tissue in male mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E815-E824.	1.8	17
28	DEP domainâ€containing mTORâ€interacting protein in the rat brain: Distribution of expression and potential implication. Journal of Comparative Neurology, 2015, 523, 93-107.	0.9	15
29	DEPTOR in POMC neurons affects liver metabolism but is dispensable for the regulation of energy balance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1322-R1331.	0.9	13
30	CB1Rs in VMH neurons regulate glucose homeostasis but not body weight. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E146-E155.	1.8	9
31	Melanocortin regulation of histaminergic neurons via perifornical lateral hypothalamic melanocortin 4 receptors. Molecular Metabolism, 2020, 35, 100956.	3.0	7
32	Pathophysiological Mechanisms That Alter the Autonomic Brain-Liver Communication in Metabolic Diseases. Endocrinology, 2021, 162, .	1.4	6
33	Identification of Leptin Receptorâ€“Expressing Cells in the Nodose Ganglion of Male Mice. Endocrinology, 2019, 160, 1307-1322.	1.4	4
34	New Horizons: Is Obesity a Disorder of Neurotransmission?. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4872-e4886.	1.8	4
35	Energy Homeostasis: Paraventricular NucleusÂSystemâ˜†. , 2017, , .		3