Daniela Cota

List of Publications by Year in Descending Order

69 papers	5,700 citations	32 h-index	75 g-index
77 ext. papers	6,528 ext. citations	9.9 avg, IF	5.57 L-index

#	Paper	IF	Citations
69	Differential expression of the neuronal CB1 cannabinoid receptor in the hippocampus of male Ts65Dn Down syndrome mouse model.. *Molecular and Cellular Neurosciences*, **2022**, 103705	4.8	
68	Dietary administration of D-chiro-inositol attenuates sex-specific metabolic imbalances in the 5xFAD mouse model of Alzheimer's disease.. *Biomedicine and Pharmacotherapy*, **2022**, 150, 112994	7.5	0
67	Le récepteur hypothalamique TGR5 des acides biliaires. *Medecine/Sciences*, **2022**, 38, 413-415		
66	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. *Diabetes*, **2021**, 70, 415-422	0.9	8
65	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. *Cell Reports*, **2021**, 37, 109800	10.6	2
64	Mass spectrometry imaging of mice brain lipid profile changes over time under high fat diet. *Scientific Reports*, **2021**, 11, 19664	4.9	2
63	Hypothalamic endocannabinoids in obesity: an old story with new challenges. *Cellular and Molecular Life Sciences*, **2021**, 78, 7469-7490	10.3	0
62	Adult-born neurons immature during learning are necessary for remote memory reconsolidation in rats. *Nature Communications*, **2021**, 12, 1778	17.4	8
61	Inhibition of mTOR signaling by genetic removal of p70 S6 kinase 1 increases anxiety-like behavior in mice. *Translational Psychiatry*, **2021**, 11, 165	8.6	2
60	Central anorexigenic actions of bile acids are mediated by TGR5. *Nature Metabolism*, **2021**, 3, 595-603	14.6	17
59	Hypothalamic bile acid-TGR5 signaling protects from obesity. *Cell Metabolism*, **2021**, 33, 1483-1492.e10	24.6	22
58	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. *Nature Metabolism*, **2021**, 3, 299-308	14.6	22
57	The temporal origin of dentate granule neurons dictates their role in spatial memory. *Molecular Psychiatry*, **2021**,	15.1	2
56	Role of Endocannabinoids in Energy-Balance Regulation in Participants in the Postobese State-a PREVIEW Study. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
55	Anti-obesity therapy with peripheral CB1 blockers: from promise to safe(?) practice. *International Journal of Obesity*, **2020**, 44, 2179-2193	5.5	16
54	Effects of a High-Protein Diet on Cardiometabolic Health, Vascular Function, and Endocannabinoids-A PREVIEW Study. *Nutrients*, **2020**, 12,	6.7	5
53	POMC Neurons Dysfunction in Diet-induced Metabolic Disease: Hallmark or Mechanism of Disease?. *Neuroscience*, **2020**, 447, 3-14	3.9	4

52	Oea Signaling Pathways and the Metabolic Benefits of Vertical Sleeve Gastrectomy. *Annals of Surgery*, **2020**, 271, 509-518	7.8	7
51	A Novel Cortical Mechanism for Top-Down Control of Water Intake. *Current Biology*, **2020**, 30, 4789-4798.e4	6.9	3
50	Effects of a High-Protein/Moderate-Carbohydrate Diet on Appetite, Gut Peptides, and Endocannabinoids-A Preview Study. *Nutrients*, **2019**, 11,	6.7	16
49	mTORC1 and CB1 receptor signaling regulate excitatory glutamatergic inputs onto the hypothalamic paraventricular nucleus in response to energy availability. *Molecular Metabolism*, **2019**, 28, 151-159	8.8	9
48	The gliotransmitter ACBP controls feeding and energy homeostasis via the melanocortin system. *Journal of Clinical Investigation*, **2019**, 129, 2417-2430	15.9	27
47	mTORC1-dependent increase in oxidative metabolism in POMC neurons regulates food intake and action of leptin. *Molecular Metabolism*, **2018**, 12, 98-106	8.8	13
46	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. *Brain, Behavior, and Immunity*, **2018**, 70, 325-334	16.6	6
45	Liver Reptin/RUVBL2 controls glucose and lipid metabolism with opposite actions on mTORC1 and mTORC2 signalling. *Gut*, **2018**, 67, 2192-2203	19.2	12
44	NPV-BSK805, an Antineoplastic Jak2 Inhibitor Effective in Myeloproliferative Disorders, Causes Adiposity in Mice by Interfering With the Action of Leptin. *Frontiers in Pharmacology*, **2018**, 9, 527	5.6	1
43	MECHANISMS IN ENDOCRINOLOGY: Endocannabinoids and metabolism: past, present and future. *European Journal of Endocrinology*, **2017**, 176, R309-R324	6.5	70
42	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. *Diabetes*, **2017**, 66, 908-919	0.9	96
41	Endocannabinoid modulation of homeostatic and non-homeostatic feeding circuits. *Neuropharmacology*, **2017**, 124, 38-51	5.5	47
40	The CB1 Receptor as the Cornerstone of Exostasis. *Neuron*, **2017**, 93, 1252-1274	13.9	36
39	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. *Cell Metabolism*, **2017**, 26, 620-632.e6	24.6	50
38	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. *Journal of Clinical Investigation*, **2017**, 127, 4148-4162	15.9	87
37	The brain strikes back: Hypothalamic targets for peripheral CB receptor inverse agonism. *Molecular Metabolism*, **2017**, 6, 1077-1078	8.8	3
36	The cannabinoid CB1 receptor and mTORC1 signalling pathways interact to modulate glucose homeostasis in mice. *DMM Disease Models and Mechanisms*, **2016**, 9, 51-61	4.1	21
35	A cannabinoid link between mitochondria and memory. *Nature*, **2016**, 539, 555-559	50.4	226

34	The Fat Side of the Endocannabinoid System: Role of Endocannabinoids in the Adipocyte. *Cannabis and Cannabinoid Research*, **2016**, 1, 176-185	4.6	13
33	Endocannabinoids and Metabolic Disorders. *Handbook of Experimental Pharmacology*, **2015**, 231, 367-91	3.2	14
32	The Endocannabinoid System: Pivotal Orchestrator of Obesity and Metabolic Disease. *Trends in Endocrinology and Metabolism*, **2015**, 26, 524-537	8.8	104
31	Cannabinoid type 1 (CB1) receptors on Sim1-expressing neurons regulate energy expenditure in male mice. *Endocrinology*, **2015**, 156, 411-8	4.8	32
30	Influence of mTOR in energy and metabolic homeostasis. *Molecular and Cellular Endocrinology*, **2014**, 397, 67-77	4.4	77
29	mTORC2, the "other" mTOR, is a new player in energy balance regulation. *Molecular Metabolism*, **2014**, 3, 349-50	8.8	5
28	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. *Molecular Metabolism*, **2014**, 3, 705-16	8.8	55
27	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. *Obesity*, **2014**, 22, 713-20	8	29
26	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. *Molecular Metabolism*, **2013**, 2, 393-404	8.8	57
25	Leucine supplementation protects from insulin resistance by regulating adiposity levels. *PLoS ONE*, **2013**, 8, e74705	3.7	46
24	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB receptor blockade. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4786-91	11.5	84
23	Obesity and the Endocannabinoid System: Circulating Endocannabinoids and Obesity. *Current Obesity Reports*, **2012**, 1, 229-235	8.4	12
22	Endocannabinoids measurement in human saliva as potential biomarker of obesity. *PLoS ONE*, **2012** , 7, e42399	3.7	82
21	Hypothalamic CB1 cannabinoid receptors regulate energy balance in mice. *Endocrinology*, **2012**, 153, 4136-43	4.8	85
20	The role of the endocannabinoid system in the neuroendocrine regulation of energy balance. *Journal of Psychopharmacology*, **2012**, 26, 114-24	4.6	93
19	Coupling nutrient sensing to metabolic homoeostasis: the role of the mammalian target of rapamycin complex 1 pathway. *Proceedings of the Nutrition Society*, **2012**, 71, 502-10	2.9	30
18	Bimodal control of stimulated food intake by the endocannabinoid system. *Nature Neuroscience*, **2010**, 13, 281-3	25.5	212
17	CB(1) signaling in forebrain and sympathetic neurons is a key determinant of endocannabinoid actions on energy balance. *Cell Metabolism*, **2010**, 11, 273-85	24.6	171

16	Complex regulation of mammalian target of rapamycin complex 1 in the basomedial hypothalamus by leptin and nutritional status. *Endocrinology*, **2009**, 150, 4541-51	4.8	66
15	Food intake-independent effects of CB1 antagonism on glucose and lipid metabolism. *Obesity*, **2009**, 17, 1641-5	8	54
14	Mammalian target of rapamycin complex 1 (mTORC1) signaling in energy balance and obesity. *Physiology and Behavior*, **2009**, 97, 520-4	3.5	26
13	The role of hypothalamic mammalian target of rapamycin complex 1 signaling in diet-induced obesity. *Journal of Neuroscience*, **2008**, 28, 7202-8	6.6	152
12	The integrative role of CNS fuel-sensing mechanisms in energy balance and glucose regulation. *Annual Review of Physiology*, **2008**, 70, 513-35	23.1	140
11	Fatty acid synthase inhibitors modulate energy balance via mammalian target of rapamycin complex 1 signaling in the central nervous system. *Diabetes*, **2008**, 57, 3231-8	0.9	43
10	Role of the endocannabinoid system in energy balance regulation and obesity. *Frontiers of Hormone Research*, **2008**, 36, 135-145	3.5	44
9	The role of CNS fuel sensing in energy and glucose regulation. *Gastroenterology*, **2007**, 132, 2158-68	13.3	96
8	CB1 receptors: emerging evidence for central and peripheral mechanisms that regulate energy balance, metabolism, and cardiovascular health. *Diabetes/Metabolism Research and Reviews*, **2007**, 23, 507-17	7.5	100
7	Requirement of cannabinoid receptor type 1 for the basal modulation of hypothalamic-pituitary-adrenal axis function. *Endocrinology*, **2007**, 148, 1574-81	4.8	163
6	Cannabinoids, opioids and eating behavior: the molecular face of hedonism?. *Brain Research Reviews*, **2006**, 51, 85-107		261
5	The emerging role of the endocannabinoid system in endocrine regulation and energy balance. *Endocrine Reviews*, **2006**, 27, 73-100	27.2	649
4	Hypothalamic mTOR signaling regulates food intake. *Science*, **2006**, 312, 927-30	33.3	973
3	Leptin in energy balance and reward: two faces of the same coin?. *Neuron*, **2006**, 51, 678-80	13.9	45
2	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. *Journal of Clinical Investigation*, **2003**, 112, 423-31	15.9	838
1	POMC neurons functional heterogeneity relies on mTORC1 signaling		3