

Daniela Cota

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hypothalamic mTOR signaling regulates food intake. <i>Science</i> , 2006 , 312, 927-30	33.3	973
68	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 423-31	15.9	838
67	The emerging role of the endocannabinoid system in endocrine regulation and energy balance. <i>Endocrine Reviews</i> , 2006 , 27, 73-100	27.2	649
66	Cannabinoids, opioids and eating behavior: the molecular face of hedonism?. <i>Brain Research Reviews</i> , 2006 , 51, 85-107		261
65	A cannabinoid link between mitochondria and memory. <i>Nature</i> , 2016 , 539, 555-559	50.4	226
64	Bimodal control of stimulated food intake by the endocannabinoid system. <i>Nature Neuroscience</i> , 2010 , 13, 281-3	25.5	212
63	CB(1) signaling in forebrain and sympathetic neurons is a key determinant of endocannabinoid actions on energy balance. <i>Cell Metabolism</i> , 2010 , 11, 273-85	24.6	171
62	Requirement of cannabinoid receptor type 1 for the basal modulation of hypothalamic-pituitary-adrenal axis function. <i>Endocrinology</i> , 2007 , 148, 1574-81	4.8	163
61	The role of hypothalamic mammalian target of rapamycin complex 1 signaling in diet-induced obesity. <i>Journal of Neuroscience</i> , 2008 , 28, 7202-8	6.6	152
60	The integrative role of CNS fuel-sensing mechanisms in energy balance and glucose regulation. <i>Annual Review of Physiology</i> , 2008 , 70, 513-35	23.1	140
59	The Endocannabinoid System: Pivotal Orchestrator of Obesity and Metabolic Disease. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 524-537	8.8	104
58	CB1 receptors: emerging evidence for central and peripheral mechanisms that regulate energy balance, metabolism, and cardiovascular health. <i>Diabetes/Metabolism Research and Reviews</i> , 2007 , 23, 507-17	7.5	100
57	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. <i>Diabetes</i> , 2017 , 66, 908-919	0.9	96
56	The role of CNS fuel sensing in energy and glucose regulation. <i>Gastroenterology</i> , 2007 , 132, 2158-68	13.3	96
55	The role of the endocannabinoid system in the neuroendocrine regulation of energy balance. <i>Journal of Psychopharmacology</i> , 2012 , 26, 114-24	4.6	93
54	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4148-4162	15.9	87
53	Hypothalamic CB1 cannabinoid receptors regulate energy balance in mice. <i>Endocrinology</i> , 2012 , 153, 4136-43	4.8	85

52	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB1 receptor blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4786-91	11.5	84
51	Endocannabinoids measurement in human saliva as potential biomarker of obesity. <i>PLoS ONE</i> , 2012 , 7, e42399	3.7	82
50	Influence of mTOR in energy and metabolic homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2014 , 397, 67-77	4.4	77
49	MECHANISMS IN ENDOCRINOLOGY: Endocannabinoids and metabolism: past, present and future. <i>European Journal of Endocrinology</i> , 2017 , 176, R309-R324	6.5	70
48	Complex regulation of mammalian target of rapamycin complex 1 in the basomedial hypothalamus by leptin and nutritional status. <i>Endocrinology</i> , 2009 , 150, 4541-51	4.8	66
47	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. <i>Molecular Metabolism</i> , 2013 , 2, 393-404	8.8	57
46	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. <i>Molecular Metabolism</i> , 2014 , 3, 705-16	8.8	55
45	Food intake-independent effects of CB1 antagonism on glucose and lipid metabolism. <i>Obesity</i> , 2009 , 17, 1641-5	8	54
44	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. <i>Cell Metabolism</i> , 2017 , 26, 620-632.e6	24.6	50
43	Endocannabinoid modulation of homeostatic and non-homeostatic feeding circuits. <i>Neuropharmacology</i> , 2017 , 124, 38-51	5.5	47
42	Leucine supplementation protects from insulin resistance by regulating adiposity levels. <i>PLoS ONE</i> , 2013 , 8, e74705	3.7	46
41	Leptin in energy balance and reward: two faces of the same coin?. <i>Neuron</i> , 2006 , 51, 678-80	13.9	45
40	Role of the endocannabinoid system in energy balance regulation and obesity. <i>Frontiers of Hormone Research</i> , 2008 , 36, 135-145	3.5	44
39	Fatty acid synthase inhibitors modulate energy balance via mammalian target of rapamycin complex 1 signaling in the central nervous system. <i>Diabetes</i> , 2008 , 57, 3231-8	0.9	43
38	The CB1 Receptor as the Cornerstone of Exostasis. <i>Neuron</i> , 2017 , 93, 1252-1274	13.9	36
37	Cannabinoid type 1 (CB1) receptors on Sim1-expressing neurons regulate energy expenditure in male mice. <i>Endocrinology</i> , 2015 , 156, 411-8	4.8	32
36	Coupling nutrient sensing to metabolic homeostasis: the role of the mammalian target of rapamycin complex 1 pathway. <i>Proceedings of the Nutrition Society</i> , 2012 , 71, 502-10	2.9	30
35	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. <i>Obesity</i> , 2014 , 22, 713-20	8	29

34	The gliotransmitter ACBP controls feeding and energy homeostasis via the melanocortin system. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2417-2430	15.9	27
33	Mammalian target of rapamycin complex 1 (mTORC1) signaling in energy balance and obesity. <i>Physiology and Behavior</i> , 2009 , 97, 520-4	3.5	26
32	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021 , 33, 1483-1492.e10	24.6	22
31	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. <i>Nature Metabolism</i> , 2021 , 3, 299-308	14.6	22
30	The cannabinoid CB1 receptor and mTORC1 signalling pathways interact to modulate glucose homeostasis in mice. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 51-61	4.1	21
29	Central anorexigenic actions of bile acids are mediated by TGR5. <i>Nature Metabolism</i> , 2021 , 3, 595-603	14.6	17
28	Effects of a High-Protein/Moderate-Carbohydrate Diet on Appetite, Gut Peptides, and Endocannabinoids-A Preview Study. <i>Nutrients</i> , 2019 , 11,	6.7	16
27	Anti-obesity therapy with peripheral CB1 blockers: from promise to safe(?) practice. <i>International Journal of Obesity</i> , 2020 , 44, 2179-2193	5.5	16
26	Endocannabinoids and Metabolic Disorders. <i>Handbook of Experimental Pharmacology</i> , 2015 , 231, 367-91	3.2	14
25	mTORC1-dependent increase in oxidative metabolism in POMC neurons regulates food intake and action of leptin. <i>Molecular Metabolism</i> , 2018 , 12, 98-106	8.8	13
24	The Fat Side of the Endocannabinoid System: Role of Endocannabinoids in the Adipocyte. <i>Cannabis and Cannabinoid Research</i> , 2016 , 1, 176-185	4.6	13
23	Liver Reptin/RUVBL2 controls glucose and lipid metabolism with opposite actions on mTORC1 and mTORC2 signalling. <i>Gut</i> , 2018 , 67, 2192-2203	19.2	12
22	Obesity and the Endocannabinoid System: Circulating Endocannabinoids and Obesity. <i>Current Obesity Reports</i> , 2012 , 1, 229-235	8.4	12
21	mTORC1 and CB1 receptor signaling regulate excitatory glutamatergic inputs onto the hypothalamic paraventricular nucleus in response to energy availability. <i>Molecular Metabolism</i> , 2019 , 28, 151-159	8.8	9
20	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. <i>Diabetes</i> , 2021 , 70, 415-422	0.9	8
19	Adult-born neurons immature during learning are necessary for remote memory reconsolidation in rats. <i>Nature Communications</i> , 2021 , 12, 1778	17.4	8
18	Oea Signaling Pathways and the Metabolic Benefits of Vertical Sleeve Gastrectomy. <i>Annals of Surgery</i> , 2020 , 271, 509-518	7.8	7
17	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2018 , 70, 325-334	16.6	6

16	mTORC2, the "other" mTOR, is a new player in energy balance regulation. <i>Molecular Metabolism</i> , 2014 , 3, 349-50	8.8	5
15	Effects of a High-Protein Diet on Cardiometabolic Health, Vascular Function, and Endocannabinoids-A PREVIEW Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
14	POMC Neurons Dysfunction in Diet-induced Metabolic Disease: Hallmark or Mechanism of Disease?. <i>Neuroscience</i> , 2020 , 447, 3-14	3.9	4
13	Role of Endocannabinoids in Energy-Balance Regulation in Participants in the Postobese State-a PREVIEW Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	3
12	The brain strikes back: Hypothalamic targets for peripheral CB receptor inverse agonism. <i>Molecular Metabolism</i> , 2017 , 6, 1077-1078	8.8	3
11	POMC neurons functional heterogeneity relies on mTORC1 signaling		3
10	A Novel Cortical Mechanism for Top-Down Control of Water Intake. <i>Current Biology</i> , 2020 , 30, 4789-4798	6.4	3
9	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. <i>Cell Reports</i> , 2021 , 37, 109800	10.6	2
8	Mass spectrometry imaging of mice brain lipid profile changes over time under high fat diet. <i>Scientific Reports</i> , 2021 , 11, 19664	4.9	2
7	Inhibition of mTOR signaling by genetic removal of p70 S6 kinase 1 increases anxiety-like behavior in mice. <i>Translational Psychiatry</i> , 2021 , 11, 165	8.6	2
6	The temporal origin of dentate granule neurons dictates their role in spatial memory. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
5	NPV-BSK805, an Antineoplastic Jak2 Inhibitor Effective in Myeloproliferative Disorders, Causes Adiposity in Mice by Interfering With the Action of Leptin. <i>Frontiers in Pharmacology</i> , 2018 , 9, 527	5.6	1
4	Hypothalamic endocannabinoids in obesity: an old story with new challenges. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7469-7490	10.3	0
3	Dietary administration of D-chiro-inositol attenuates sex-specific metabolic imbalances in the 5xFAD mouse model of Alzheimer's disease.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112994	7.5	0
2	Differential expression of the neuronal CB1 cannabinoid receptor in the hippocampus of male Ts65Dn Down syndrome mouse model.. <i>Molecular and Cellular Neurosciences</i> , 2022 , 103705	4.8	
1	Le récepteur hypothalamique TGR5 des acides biliaries. <i>Medecine/Sciences</i> , 2022 , 38, 413-415		