

Daniela Cota

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

7,181
citations

101543

36
h-index

88630

70
g-index

77
all docs

77
docs citations

77
times ranked

7527
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothalamic mTOR Signaling Regulates Food Intake. <i>Science</i> , 2006, 312, 927-930.	12.6	1,111
2	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. <i>Journal of Clinical Investigation</i> , 2003, 112, 423-431.	8.2	963
3	The Emerging Role of the Endocannabinoid System in Endocrine Regulation and Energy Balance. <i>Endocrine Reviews</i> , 2006, 27, 73-100.	20.1	751
4	A cannabinoid link between mitochondria and memory. <i>Nature</i> , 2016, 539, 555-559.	27.8	331
5	Cannabinoids, opioids and eating behavior: The molecular face of hedonism?. <i>Brain Research Reviews</i> , 2006, 51, 85-107.	9.0	288
6	Bimodal control of stimulated food intake by the endocannabinoid system. <i>Nature Neuroscience</i> , 2010, 13, 281-283.	14.8	246
7	CB1 Signaling in Forebrain and Sympathetic Neurons Is a Key Determinant of Endocannabinoid Actions on Energy Balance. <i>Cell Metabolism</i> , 2010, 11, 273-285.	16.2	190
8	Requirement of Cannabinoid Receptor Type 1 for the Basal Modulation of Hypothalamic-Pituitary-Adrenal Axis Function. <i>Endocrinology</i> , 2007, 148, 1574-1581.	2.8	186
9	The Role of Hypothalamic Mammalian Target of Rapamycin Complex 1 Signaling in Diet-Induced Obesity. <i>Journal of Neuroscience</i> , 2008, 28, 7202-7208.	3.6	175
10	The Integrative Role of CNS Fuel-Sensing Mechanisms in Energy Balance and Glucose Regulation. <i>Annual Review of Physiology</i> , 2008, 70, 513-535.	13.1	158
11	The Endocannabinoid System: Pivotal Orchestrator of Obesity and Metabolic Disease. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 524-537.	7.1	152
12	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017, 127, 4148-4162.	8.2	128
13	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. <i>Diabetes</i> , 2017, 66, 908-919.	0.6	127
14	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, 507-517.	4.0	116
15	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB ₁ receptor blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4786-4791.	7.1	115
16	The role of the endocannabinoid system in the neuroendocrine regulation of energy balance. <i>Journal of Psychopharmacology</i> , 2012, 26, 114-124.	4.0	111
17	The Role of CNS Fuel Sensing in Energy and Glucose Regulation. <i>Gastroenterology</i> , 2007, 132, 2158-2168.	1.3	110
18	Hypothalamic CB1 Cannabinoid Receptors Regulate Energy Balance in Mice. <i>Endocrinology</i> , 2012, 153, 4136-4143.	2.8	109

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19	Endocannabinoids Measurement in Human Saliva as Potential Biomarker of Obesity. PLoS ONE, 2012, 7, e42399.	2.5	109
20	MECHANISMS IN ENDOCRINOLOGY: Endocannabinoids and metabolism: past, present and future. European Journal of Endocrinology, 2017, 176, R309-R324.	3.7	101
21	Influence of mTOR in energy and metabolic homeostasis. Molecular and Cellular Endocrinology, 2014, 397, 67-77.	3.2	96
22	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. Nature Metabolism, 2021, 3, 299-308.	11.9	80
23	Endocannabinoid modulation of homeostatic and non-homeostatic feeding circuits. Neuropharmacology, 2017, 124, 38-51.	4.1	79
24	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	16.2	79
25	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. Molecular Metabolism, 2013, 2, 393-404.	6.5	76
26	Complex Regulation of Mammalian Target of Rapamycin Complex 1 in the Basomedial Hypothalamus by Leptin and Nutritional Status. Endocrinology, 2009, 150, 4541-4551.	2.8	73
27	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. Cell Metabolism, 2017, 26, 620-632.e6.	16.2	66
28	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. Molecular Metabolism, 2014, 3, 705-716.	6.5	64
29	Central anorexigenic actions of bile acids are mediated by TGR5. Nature Metabolism, 2021, 3, 595-603.	11.9	64
30	Food Intake-Independent Effects of CB1 Antagonism on Glucose and Lipid Metabolism. Obesity, 2009, 17, 1641-1645.	3.0	60
31	The CB1 Receptor as the Cornerstone of Exostasis. Neuron, 2017, 93, 1252-1274.	8.1	60
32	Leucine Supplementation Protects from Insulin Resistance by Regulating Adiposity Levels. PLoS ONE, 2013, 8, e74705.	2.5	57
33	Fatty Acid Synthase Inhibitors Modulate Energy Balance via Mammalian Target of Rapamycin Complex 1 Signaling in the Central Nervous System. Diabetes, 2008, 57, 3231-3238.	0.6	52
34	The gliotransmitter ACBP controls feeding and energy homeostasis via the melanocortin system. Journal of Clinical Investigation, 2019, 129, 2417-2430.	8.2	52
35	Leptin in Energy Balance and Reward: Two Faces of the Same Coin?. Neuron, 2006, 51, 678-680.	8.1	51
36	Role of the Endocannabinoid System in Energy Balance Regulation and Obesity. , 2008, 36, 135-145.		46

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37	Cannabinoid Type 1 (CB1) Receptors on Sim1-Expressing Neurons Regulate Energy Expenditure in Male Mice. <i>Endocrinology</i> , 2015, 156, 411-418.	2.8	40
38	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, 502-510.	1.0	37
39	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. <i>Obesity</i> , 2014, 22, 713-720.	3.0	37
40	Mammalian target of rapamycin complex 1 (mTORC1) signaling in energy balance and obesity. <i>Physiology and Behavior</i> , 2009, 97, 520-524.	2.1	28
41	Cannabinoid CB1 receptors and mTORC1 signalling pathway interact to modulate glucose homeostasis. <i>DMM Disease Models and Mechanisms</i> , 2015, 9, 51-61.	2.4	28
42	Anti-obesity therapy with peripheral CB1 blockers: from promise to safe(?) practice. <i>International Journal of Obesity</i> , 2020, 44, 2179-2193.	3.4	26
43	Adult-born neurons immature during learning are necessary for remote memory reconsolidation in rats. <i>Nature Communications</i> , 2021, 12, 1778.	12.8	26
44	The Fat Side of the Endocannabinoid System: Role of Endocannabinoids in the Adipocyte. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 176-185.	2.9	21
45	Endocannabinoids and Metabolic Disorders. <i>Handbook of Experimental Pharmacology</i> , 2015, 231, 367-391.	1.8	19
46	mTORC1-dependent increase in oxidative metabolism in POMC neurons regulates food intake and action of leptin. <i>Molecular Metabolism</i> , 2018, 12, 98-106.	6.5	19
47	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. <i>Diabetes</i> , 2021, 70, 415-422.	0.6	19
48	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. <i>Cell Reports</i> , 2021, 37, 109800.	6.4	19
49	Microglial Cannabinoid Type 1 Receptor Regulates Brain Inflammation in a Sex-Specific Manner. <i>Cannabis and Cannabinoid Research</i> , 2021, , .	2.9	18
50	Obesity and the Endocannabinoid System: Circulating Endocannabinoids and Obesity. <i>Current Obesity Reports</i> , 2012, 1, 229-235.	8.4	17
51	Liver Reptin/RUVBL2 controls glucose and lipid metabolism with opposite actions on mTORC1 and mTORC2 signalling. <i>Gut</i> , 2018, 67, 2192-2203.	12.1	17
52	Effects of a High-Protein/Moderate-Carbohydrate Diet on Appetite, Gut Peptides, and Endocannabinoidsâ€”A Preview Study. <i>Nutrients</i> , 2019, 11, 2269.	4.1	17
53	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.	6.5	16
54	Oea Signaling Pathways and the Metabolic Benefits of Vertical Sleeve Gastrectomy. <i>Annals of Surgery</i> , 2020, 271, 509-518.	4.2	16

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55	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.	4.8	16
56	Mass spectrometry imaging of mice brain lipid profile changes over time under high fat diet. <i>Scientific Reports</i> , 2021, 11, 19664.	3.3	16
57	POMC Neurons Dysfunction in Diet-induced Metabolic Disease: Hallmark or Mechanism of Disease?. <i>Neuroscience</i> , 2020, 447, 3-14.	2.3	14
58	A Novel Cortical Mechanism for Top-Down Control of Water Intake. <i>Current Biology</i> , 2020, 30, 4789-4798.e4.	3.9	13
59	The temporal origin of dentate granule neurons dictates their role in spatial memory. <i>Molecular Psychiatry</i> , 2021, 26, 7130-7140.	7.9	13
60	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.	4.1	11
61	Hypothalamic endocannabinoids in obesity: an old story with new challenges. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7469-7490.	5.4	11
62	Effects of a High-Protein Diet on Cardiometabolic Health, Vascular Function, and Endocannabinoids—A PREVIEW Study. <i>Nutrients</i> , 2020, 12, 1512.	4.1	8
63	mTORC2, the “other” mTOR, is a new player in energy balance regulation. <i>Molecular Metabolism</i> , 2014, 3, 349-350.	6.5	5
64	Gut Microbiota and Mycobiota Evolution Is Linked to Memory Improvement after Bariatric Surgery in Obese Patients: A Pilot Study. <i>Nutrients</i> , 2021, 13, 4061.	4.1	5
65	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, e2511-e2520.	3.6	4
66	The brain strikes back: Hypothalamic targets for peripheral CB 1 receptor inverse agonism. <i>Molecular Metabolism</i> , 2017, 6, 1077-1078.	6.5	3
67	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.	5.6	2
68	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.	3.5	1
69	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, 119, 103705.	2.2	1
70	Le récepteur hypothalamique TGR5 des acides biliaires. <i>Medecine/Sciences</i> , 2022, 38, 413-415.	0.2	1
71	Yin-Yang control of energy balance by lipids in the hypothalamus: The endocannabinoids vs bile acids case. <i>Biochimie</i> , 2022, , .	2.6	1
72	Paracrine actions of GLP1 in the gut unraveled. , 0, , .		0