

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	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
2	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
3	Le récepteur hypothalamique TGR5 des acides biliars. <i>Medecine/Sciences</i> , 2022, 38, 413-415.	0.2	1
4	Yin-Yang control of energy balance by lipids in the hypothalamus: The endocannabinoids vs bile acids case. <i>Biochimie</i> , 2022, , .	2.6	1
5	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. <i>Nature Metabolism</i> , 2021, 3, 299-308.	11.9	80
6	Adult-born neurons immature during learning are necessary for remote memory reconsolidation in rats. <i>Nature Communications</i> , 2021, 12, 1778.	12.8	26
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.	4.8	16
8	Central anorexigenic actions of bile acids are mediated by TGR5. <i>Nature Metabolism</i> , 2021, 3, 595-603.	11.9	64
9	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021, 33, 1483-1492.e10.	16.2	79
10	Microglial Cannabinoid Type 1 Receptor Regulates Brain Inflammation in a Sex-Specific Manner. <i>Cannabis and Cannabinoid Research</i> , 2021, , .	2.9	18
11	The temporal origin of dentate granule neurons dictates their role in spatial memory. <i>Molecular Psychiatry</i> , 2021, 26, 7130-7140.	7.9	13
12	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. <i>Diabetes</i> , 2021, 70, 415-422.	0.6	19
13	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. <i>Cell Reports</i> , 2021, 37, 109800.	6.4	19
14	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
15	Hypothalamic endocannabinoids in obesity: an old story with new challenges. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7469-7490.	5.4	11
16	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
17	POMC Neurons Dysfunction in Diet-induced Metabolic Disease: Hallmark or Mechanism of Disease?. <i>Neuroscience</i> , 2020, 447, 3-14.	2.3	14
18	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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19	A Novel Cortical Mechanism for Top-Down Control of Water Intake. <i>Current Biology</i> , 2020, 30, 4789-4798.e4.	3.9	13
20	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
21	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
22	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
23	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
24	Effects of a High-Protein/Moderate-Carbohydrate Diet on Appetite, Gut Peptides, and Endocannabinoids—a Preview Study. <i>Nutrients</i> , 2019, 11, 2269.	4.1	17
25	The gliotransmitter ACBP controls feeding and energy homeostasis via the melanocortin system. <i>Journal of Clinical Investigation</i> , 2019, 129, 2417-2430.	8.2	52
26	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
27	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
28	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
29	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
30	MECHANISMS IN ENDOCRINOLOGY: Endocannabinoids and metabolism: past, present and future. <i>European Journal of Endocrinology</i> , 2017, 176, R309-R324.	3.7	101
31	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. <i>Diabetes</i> , 2017, 66, 908-919.	0.6	127
32	Endocannabinoid modulation of homeostatic and non-homeostatic feeding circuits. <i>Neuropharmacology</i> , 2017, 124, 38-51.	4.1	79
33	The CB1 Receptor as the Cornerstone of Exostasis. <i>Neuron</i> , 2017, 93, 1252-1274.	8.1	60
34	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. <i>Cell Metabolism</i> , 2017, 26, 620-632.e6.	16.2	66
35	The brain strikes back: Hypothalamic targets for peripheral CB 1 receptor inverse agonism. <i>Molecular Metabolism</i> , 2017, 6, 1077-1078.	6.5	3
36	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017, 127, 4148-4162.	8.2	128

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37	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
38	A cannabinoid link between mitochondria and memory. <i>Nature</i> , 2016, 539, 555-559.	27.8	331
39	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
40	Endocannabinoids and Metabolic Disorders. <i>Handbook of Experimental Pharmacology</i> , 2015, 231, 367-391.	1.8	19
41	The Endocannabinoid System: Pivotal Orchestrator of Obesity and Metabolic Disease. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 524-537.	7.1	152
42	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
43	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. <i>Molecular Metabolism</i> , 2014, 3, 705-716.	6.5	64
44	Leucine supplementation modulates fuel substrates utilization and glucose metabolism in previously obese mice. <i>Obesity</i> , 2014, 22, 713-720.	3.0	37
45	Influence of mTOR in energy and metabolic homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2014, 397, 67-77.	3.2	96
46	mTORC2, the "other" mTOR, is a new player in energy balance regulation. <i>Molecular Metabolism</i> , 2014, 3, 349-350.	6.5	5
47	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. <i>Molecular Metabolism</i> , 2013, 2, 393-404.	6.5	76
48	Leucine Supplementation Protects from Insulin Resistance by Regulating Adiposity Levels. <i>PLoS ONE</i> , 2013, 8, e74705.	2.5	57
49	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
50	Hypothalamic CB1 Cannabinoid Receptors Regulate Energy Balance in Mice. <i>Endocrinology</i> , 2012, 153, 4136-4143.	2.8	109
51	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
52	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
53	Obesity and the Endocannabinoid System: Circulating Endocannabinoids and Obesity. <i>Current Obesity Reports</i> , 2012, 1, 229-235.	8.4	17
54	Endocannabinoids Measurement in Human Saliva as Potential Biomarker of Obesity. <i>PLoS ONE</i> , 2012, 7, e42399.	2.5	109

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55	Bimodal control of stimulated food intake by the endocannabinoid system. <i>Nature Neuroscience</i> , 2010, 13, 281-283.	14.8	246
56	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
57	Complex Regulation of Mammalian Target of Rapamycin Complex 1 in the Basomedial Hypothalamus by Leptin and Nutritional Status. <i>Endocrinology</i> , 2009, 150, 4541-4551.	2.8	73
58	Food Intake-Independent Effects of CB1 Antagonism on Glucose and Lipid Metabolism. <i>Obesity</i> , 2009, 17, 1641-1645.	3.0	60
59	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
60	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
61	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
62	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, 3231-3238.	0.6	52
63	Role of the Endocannabinoid System in Energy Balance Regulation and Obesity. , 2008, 36, 135-145.		46
64	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
65	The Role of CNS Fuel Sensing in Energy and Glucose Regulation. <i>Gastroenterology</i> , 2007, 132, 2158-2168.	1.3	110
66	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
67	Hypothalamic mTOR Signaling Regulates Food Intake. <i>Science</i> , 2006, 312, 927-930.	12.6	1,111
68	Leptin in Energy Balance and Reward: Two Faces of the Same Coin?. <i>Neuron</i> , 2006, 51, 678-680.	8.1	51
69	Cannabinoids, opioids and eating behavior: The molecular face of hedonism?. <i>Brain Research Reviews</i> , 2006, 51, 85-107.	9.0	288
70	The Emerging Role of the Endocannabinoid System in Endocrine Regulation and Energy Balance. <i>Endocrine Reviews</i> , 2006, 27, 73-100.	20.1	751
71	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
72	Paracrine actions of GLP1 in the gut unraveled. , 0, , .		0