

# Tamas L Horvath

## List of Publications by Year in descending order

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Version: 2024-02-01

252  
papers

35,830  
citations

4146

87  
h-index

3487

182  
g-index

280  
all docs

280  
docs citations

280  
times ranked

34030  
citing authors

#	ARTICLE	IF	CITATIONS
1	TREM2 Deficiency Disrupts Network Oscillations Leading to Epileptic Activity and Aggravates Amyloid- $\beta$ -Related Hippocampal Pathophysiology in Mice. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 837-847.	2.6	7
2	From Molecule to Behavior: Hypocretin/orexin Revisited From a Sex-dependent Perspective. <i>Endocrine Reviews</i> , 2022, 43, 743-760.	20.1	3
3	Tamas Horvath: The hunger view on body, brain and behavior. , 2022, , 67-146.		0
4	A hypothalamic pathway for Augmentin-controlled body weight regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200476119.	7.1	8
5	Metabolism Connects Body, Brain, and Behavior. <i>Biological Psychiatry</i> , 2022, 91, 854-855.	1.3	0
6	Plant mitochondrial FMT and its mammalian homolog CLUH controls development and behavior in Arabidopsis and locomotion in mice. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	2
7	AgRP neurons control feeding behaviour at cortical synapses via peripherally derived lysophospholipids. <i>Nature Metabolism</i> , 2022, 4, 683-692.	11.9	10
8	Neuroinvasion of SARS-CoV-2 in human and mouse brain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	677
9	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. <i>PLoS Biology</i> , 2021, 19, e3001143.	5.6	180
10	Presynaptic Kv3 channels are required for fast and slow endocytosis of synaptic vesicles. <i>Neuron</i> , 2021, 109, 938-946.e5.	8.1	16
11	Drp1 is required for AgRP neuronal activity and feeding. <i>ELife</i> , 2021, 10, .	6.0	13
12	Cerebellar Kv3.3 potassium channels activate TANK-binding kinase 1 to regulate trafficking of the cell survival protein Hax-1. <i>Nature Communications</i> , 2021, 12, 1731.	12.8	12
13	Ucp2-dependent microglia-neuronal coupling controls ventral hippocampal circuit function and anxiety-like behavior. <i>Molecular Psychiatry</i> , 2021, 26, 2740-2752.	7.9	20
14	Hunger-promoting AgRP neurons trigger an astrocyte-mediated feed-forward autoactivation loop in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	38
15	Discovery and functional interrogation of SARS-CoV-2 RNA-host protein interactions. <i>Cell</i> , 2021, 184, 2394-2411.e16.	28.9	141
16	Age-related calcium dysregulation linked with tau pathology and impaired cognition in non-human primates. <i>Alzheimer's and Dementia</i> , 2021, 17, 920-932.	0.8	55
17	Adiponectin preserves metabolic fitness during aging. <i>ELife</i> , 2021, 10, .	6.0	37
18	Mitochondrial Fission Governed by Drp1 Regulates Exogenous Fatty Acid Usage and Storage in HeLa Cells. <i>Metabolites</i> , 2021, 11, 322.	2.9	16

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19	Defective autophagy in Sf1 neurons perturbs the metabolic response to fasting and causes mitochondrial dysfunction. <i>Molecular Metabolism</i> , 2021, 47, 101186.	6.5	8
20	Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. <i>Cell Metabolism</i> , 2021, 33, 1155-1170.e10.	16.2	68
21	Ketogenic diet restrains aging-induced exacerbation of coronavirus infection in mice. <i>ELife</i> , 2021, 10, .	6.0	37
22	Therapy for Alzheimer's disease: Missing targets and functional markers?. <i>Ageing Research Reviews</i> , 2021, 68, 101318.	10.9	34
23	Mortality of septic shock patients is associated with impaired mitochondrial oxidative coupling efficiency in lymphocytes: a prospective cohort study. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 39.	1.9	5
24	Mitochondrial cristae-remodeling protein OPA1 in POMC neurons couples Ca <sup>2+</sup> homeostasis with adipose tissue lipolysis. <i>Cell Metabolism</i> , 2021, 33, 1820-1835.e9.	16.2	32
25	Hepatocyte-specific suppression of ANGPTL4 improves obesity-associated diabetes and mitigates atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	46
26	Astrocytic lipid metabolism determines susceptibility to diet-induced obesity. <i>Science Advances</i> , 2021, 7, eabj2814.	10.3	11
27	Impact of TREM2 on hippocampal network oscillations in Tg2576 mice modeling amyloid- $\beta$ pathology.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054379.	0.8	0
28	AgRP neurons control compulsive exercise and survival in an activity-based anorexia model. <i>Nature Metabolism</i> , 2020, 2, 1204-1211.	11.9	45
29	The aging rhesus macaque as a potential model for Alzheimer's disease/dementia: An in vivo study of [ 11 C]PIB, [ 11 C]UCBâ€¦, [ 18 F]MKâ€¦240 and working memory performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e038467.	0.8	0
30	GLP-1 Receptor Signaling in Astrocytes Regulates Fatty Acid Oxidation, Mitochondrial Integrity, and Function. <i>Cell Metabolism</i> , 2020, 31, 1189-1205.e13.	16.2	76
31	Nesfatin-1 decreases the motivational and rewarding value of food. <i>Neuropsychopharmacology</i> , 2020, 45, 1645-1655.	5.4	22
32	Functional Aspects of Hypothalamic Asymmetry. <i>Brain Sciences</i> , 2020, 10, 389.	2.3	13
33	Metabolic Lateralization in the Hypothalamus of Male Rats Related to Reproductive and Satiety States. <i>Reproductive Sciences</i> , 2020, 27, 1197-1205.	2.5	7
34	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 4985-4998.	8.2	21
35	SARSâ€¦CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020, 130, 4947-4953.	8.2	387
36	Crosstalk between maternal perinatal obesity and offspring dopaminergic circuitry. <i>Journal of Clinical Investigation</i> , 2020, 130, 3416-3418.	8.2	0

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37	Altered Cortical and Hippocampal Excitability in TgF344-AD Rats Modeling Alzheimer's Disease Pathology. <i>Cerebral Cortex</i> , 2019, 29, 2716-2727.	2.9	54
38	Mitofusin 1 is required for female fertility and to maintain ovarian follicular reserve. <i>Cell Death and Disease</i> , 2019, 10, 560.	6.3	71
39	Mitofusin 2 plays a role in oocyte and follicle development, and is required to maintain ovarian follicular reserve during reproductive aging. <i>Aging</i> , 2019, 11, 3919-3938.	3.1	57
40	Mediation of the Acute Stress Response by the Skeleton. <i>Cell Metabolism</i> , 2019, 30, 890-902.e8.	16.2	110
41	Mitochondrial unfolded protein response: a stress response with implications for fertility and reproductive aging. <i>Fertility and Sterility</i> , 2019, 111, 197-204.	1.0	50
42	Parallel Paths in PVH Control of Feeding. <i>Neuron</i> , 2019, 102, 514-516.	8.1	4
43	Prefrontal Cortical and Behavioral Adaptations to Surgical Delivery Mediated by Metabolic Principles. <i>Cerebral Cortex</i> , 2019, 29, 5061-5071.	2.9	7
44	Dopamine neuronal protection in the mouse Substantia nigra by GHSR is independent of electric activity. <i>Molecular Metabolism</i> , 2019, 24, 120-138.	6.5	7
45	Mitofusin 2 in Mature Adipocytes Controls Adiposity and Body Weight. <i>Cell Reports</i> , 2019, 26, 2849-2858.e4.	6.4	50
46	Neutrophil count as the centerpiece in the joined association networks of inflammatory and cell damage markers, and neuroendocrine stress markers in patients with stable angina pectoris following stenting. <i>PLoS ONE</i> , 2019, 14, e0215209.	2.5	6
47	Metabolism: A Burning Opioid Issue in Obesity Therapeutics. <i>Current Biology</i> , 2019, 29, R1323-R1325.	3.9	1
48	Effects of myeloid sirtuin 1 deficiency on hypothalamic neurogranin in mice fed a high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 123-129.	2.1	0
49	Role of astrocytes, microglia, and tanycytes in brain control of systemic metabolism. <i>Nature Neuroscience</i> , 2019, 22, 7-14.	14.8	200
50	Neuronal Cilia: Another Player in the Melanocortin System. <i>Trends in Molecular Medicine</i> , 2018, 24, 333-334.	6.7	7
51	Myeloid sirtuin1 deficiency aggravates hippocampal inflammation in mice fed high-fat diets. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 1025-1031.	2.1	16
52	Ghrelin is Related to Personality Differences in Reward Sensitivity and Impulsivity. <i>Alcohol and Alcoholism</i> , 2018, 53, 52-56.	1.6	35
53	Type I interferons instigate fetal demise after Zika virus infection. <i>Science Immunology</i> , 2018, 3, .	11.9	212
54	Patient-Derived iPSC-Hypothalamic Neurons: The Ultimate Protocol. <i>Cell Stem Cell</i> , 2018, 22, 615-616.	11.1	0

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55	Brown adipose tissue derived ANGPTL4 controls glucose and lipid metabolism and regulates thermogenesis. <i>Molecular Metabolism</i> , 2018, 11, 59-69.	6.5	80
56	From white to beige: a new hypothalamic pathway. <i>EMBO Reports</i> , 2018, 19, .	4.5	1
57	Thyroid hormone- and estrogen receptor interactions with natural ligands and endocrine disruptors in the cerebellum. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 23-36.	5.2	14
58	Absence of ANGPTL4 in adipose tissue improves glucose tolerance and attenuates atherogenesis. <i>JCI Insight</i> , 2018, 3, .	5.0	91
59	Neurophysiological signals as predictive translational biomarkers for Alzheimer's disease treatment: effects of donepezil on neuronal network oscillations in TgF344-AD rats. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 105.	6.2	29
60	Mild Impairment of Mitochondrial OXPHOS Promotes Fatty Acid Utilization in POMC Neurons and Improves Glucose Homeostasis in Obesity. <i>Cell Reports</i> , 2018, 25, 383-397.e10.	6.4	26
61	The 7q11.23 Protein DNAJC30 Interacts with ATP Synthase and Links Mitochondria to Brain Development. <i>Cell</i> , 2018, 175, 1088-1104.e23.	28.9	46
62	Metabolic regulation and glucose sensitivity of cortical radial glial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10142-10147.	7.1	25
63	Hypothalamic CNTF volume transmission shapes cortical noradrenergic excitability upon acute stress. <i>EMBO Journal</i> , 2018, 37, .	7.8	33
64	Mitochondrial unfolded protein response gene <i>Clpp</i> is required to maintain ovarian follicular reserve during aging, for oocyte competence, and development of preimplantation embryos. <i>Aging Cell</i> , 2018, 17, e12784.	6.7	71
65	Loss of Nucleobindin-2 Causes Insulin Resistance in Obesity without Impacting Satiety or Adiposity. <i>Cell Reports</i> , 2018, 24, 1085-1092.e6.	6.4	21
66	Comparative Analysis of Zearalenone Effects on Thyroid Receptor Alpha (TR $\alpha$ ) and Beta (TR $\beta$ ) Expression in Rat Primary Cerebellar Cell Cultures. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1440.	4.1	8
67	Viral Vectors for Studying Brain Mechanisms that Control Energy Homeostasis. <i>Cell Metabolism</i> , 2018, 27, 1168-1175.	16.2	7
68	Insulin regulates POMC neuronal plasticity to control glucose metabolism. <i>ELife</i> , 2018, 7, .	6.0	85
69	(S)Pot on Mitochondria: Cannabinoids Disrupt Cellular Respiration to Limit Neuronal Activity. <i>Cell Metabolism</i> , 2017, 25, 8-10.	16.2	31
70	Mitochondria Bioenergetic and Cognitive Functions: The Cannabinoid Link. <i>Trends in Cell Biology</i> , 2017, 27, 391-392.	7.9	4
71	Fetal Growth Restriction Caused by Sexual Transmission of Zika Virus in Mice. <i>Journal of Infectious Diseases</i> , 2017, 215, 1720-1724.	4.0	44
72	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. <i>Nature Neuroscience</i> , 2017, 20, 1096-1103.	14.8	59

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73	Mitochondrial Dynamics Mediated by Mitofusin 1 Is Required for POMC Neuron Glucose-Sensing and Insulin Release Control. <i>Cell Metabolism</i> , 2017, 25, 1390-1399.e6.	16.2	106
74	Cannabinoid type 1 receptor-containing axons innervate NPY/AgRP neurons in the mouse arcuate nucleus. <i>Molecular Metabolism</i> , 2017, 6, 374-381.	6.5	26
75	Microglial Proliferation in Obesity: When, Where, Why, and What Does It Mean?. <i>Diabetes</i> , 2017, 66, 804-805.	0.6	2
76	Endothelial HIF-1 $\alpha$ Enables Hypothalamic Glucose Uptake to Drive POMC Neurons. <i>Diabetes</i> , 2017, 66, 1511-1520.	0.6	13
77	Molecular interrogation of hypothalamic organization reveals distinct dopamine neuronal subtypes. <i>Nature Neuroscience</i> , 2017, 20, 176-188.	14.8	384
78	Molecular and cellular reorganization of neural circuits in the human lineage. <i>Science</i> , 2017, 358, 1027-1032.	12.6	192
79	Ghrelin is Suppressed by Intravenous Alcohol and is Related to Stimulant and Sedative Effects of Alcohol. <i>Alcohol and Alcoholism</i> , 2017, 52, 431-438.	1.6	35
80	Plasticity of calcium-permeable AMPA glutamate receptors in Pro-opiomelanocortin neurons. <i>ELife</i> , 2017, 6, .	6.0	19
81	Obesity and Appetite: Central Control Mechanisms. , 2017, , 369-376.		0
82	Cannabis in fat: high hopes to treat obesity. <i>Journal of Clinical Investigation</i> , 2017, 127, 3918-3920.	8.2	9
83	Comparative Medicine: An Inclusive Crossover Discipline. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 493-498.	0.2	3
84	Comparison of Individual and Combined Effects of Four Endocrine Disruptors on Estrogen Receptor Beta Transcription in Cerebellar Cell Culture: The Modulatory Role of Estradiol and Triiodo-Thyronine. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 619.	2.6	7
85	Bisphenol A influences oestrogen- and thyroid hormone-regulated thyroid hormone receptor expression in rat cerebellar cell culture. <i>Acta Veterinaria Hungarica</i> , 2016, 64, 497-513.	0.5	12
86	Synaptic lipids in cortical function and psychiatric disorders. <i>EMBO Molecular Medicine</i> , 2016, 8, 3-5.	6.9	3
87	HSV-2 enhances ZIKV infection of the placenta and induces apoptosis in first-trimester trophoblast cells. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 348-357.	1.2	53
88	Feeding Behavior: Hypocretin/Orexin Neurons Act between Food Seeking and Eating. <i>Current Biology</i> , 2016, 26, R845-R847.	3.9	10
89	Reproductive aging is associated with changes in oocyte mitochondrial dynamics, function, and mtDNA quantity. <i>Maturitas</i> , 2016, 93, 121-130.	2.4	72
90	Astrocytic Insulin Signaling Couples Brain Glucose Uptake with Nutrient Availability. <i>Cell</i> , 2016, 166, 867-880.	28.9	382

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91	Zika Virus Disrupts Phospho-TBK1 Localization and Mitosis in Human Neuroepithelial Stem Cells and Radial Glia. <i>Cell Reports</i> , 2016, 16, 2576-2592.	6.4	253
92	Vaginal Exposure to Zika Virus during Pregnancy Leads to Fetal Brain Infection. <i>Cell</i> , 2016, 166, 1247-1256.e4.	28.9	347
93	CD301b + Mononuclear Phagocytes Maintain Positive Energy Balance through Secretion of Resistin-like Molecule Alpha. <i>Immunity</i> , 2016, 45, 583-596.	14.3	44
94	Hypothalamic TLR2 triggers sickness behavior via a microglia-neuronal axis. <i>Scientific Reports</i> , 2016, 6, 29424.	3.3	70
95	Caloric restriction of db/db mice reverts hepatic steatosis and body weight with divergent hepatic metabolism. <i>Scientific Reports</i> , 2016, 6, 30111.	3.3	78
96	Viral Spread to Enteric Neurons Links Genital HSV-1 Infection to Toxic Megacolon and Lethality. <i>Cell Host and Microbe</i> , 2016, 19, 788-799.	11.0	58
97	Role of mitochondrial uncoupling protein-2 (UCP2) in higher brain functions, neuronal plasticity and network oscillation. <i>Molecular Metabolism</i> , 2016, 5, 415-421.	6.5	21
98	Metabolism and Mental Illness. <i>Trends in Molecular Medicine</i> , 2016, 22, 174-183.	6.7	17
99	Mitochondria controlled by UCP2 determine hypoxia-induced synaptic remodeling in the cortex and hippocampus. <i>Neurobiology of Disease</i> , 2016, 90, 68-74.	4.4	22
100	Calcineurin A $\beta$ 3 is a Functional Phosphatase That Modulates Synaptic Vesicle Endocytosis. <i>Journal of Biological Chemistry</i> , 2016, 291, 1948-1956.	3.4	18
101	Kv3.3 Channels Bind Hax-1 and Arp2/3 to Assemble a Stable Local Actin Network that Regulates Channel Gating. <i>Cell</i> , 2016, 165, 434-448.	28.9	57
102	The role of astrocytes in the hypothalamic response and adaptation to metabolic signals. <i>Progress in Neurobiology</i> , 2016, 144, 68-87.	5.7	47
103	Reducing Adiposity in a Critical Developmental Window Has Lasting Benefits in Mice. <i>Endocrinology</i> , 2016, 157, 666-678.	2.8	2
104	Mitochondrial Uncoupling Protein 2 (UCP2) Regulates Retinal Ganglion Cell Number and Survival. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 461-469.	2.3	25
105	Prolongevity hormone FGF21 protects against immune senescence by delaying age-related thymic involution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1026-1031.	7.1	91
106	AgRP Neurons Regulate Bone Mass. <i>Cell Reports</i> , 2015, 13, 8-14.	6.4	48
107	The ketone metabolite $\beta$ -hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease. <i>Nature Medicine</i> , 2015, 21, 263-269.	30.7	1,400
108	Hypothalamic POMC neurons promote cannabinoid-induced feeding. <i>Nature</i> , 2015, 519, 45-50.	27.8	336

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109	Hypothalamic Agrp Neurons Drive Stereotypic Behaviors beyond Feeding. <i>Cell</i> , 2015, 160, 1222-1232.	28.9	217
110	Developmental programming of hypothalamic neuroendocrine systems. <i>Frontiers in Neuroendocrinology</i> , 2015, 39, 52-58.	5.2	25
111	A Sympathetic View on Fat by Leptin. <i>Cell</i> , 2015, 163, 26-27.	28.9	4
112	Mitochondrial ROS Signaling in Organismal Homeostasis. <i>Cell</i> , 2015, 163, 560-569.	28.9	915
113	Neuronal Regulation of Energy Homeostasis: Beyond the Hypothalamus and Feeding. <i>Cell Metabolism</i> , 2015, 22, 962-970.	16.2	304
114	Estrogen- and Satiety State-Dependent Metabolic Lateralization in the Hypothalamus of Female Rats. <i>PLoS ONE</i> , 2015, 10, e0137462.	2.5	11
115	Hypothalamic Sidedness in Mitochondrial Metabolism: New Perspectives. <i>Reproductive Sciences</i> , 2014, 21, 1492-1498.	2.5	10
116	Role of Synaptic Plasticity and EphA5-EphrinA5 Interaction Within the Ventromedial Hypothalamus in Response to Recurrent Hypoglycemia. <i>Diabetes</i> , 2014, 63, 1140-1147.	0.6	5
117	Neonatal Insulin Action Impairs Hypothalamic Neurocircuit Formation in Response to Maternal High-Fat Feeding. <i>Cell</i> , 2014, 156, 495-509.	28.9	299
118	Mitochondrial dynamics in the central regulation of metabolism. <i>Nature Reviews Endocrinology</i> , 2014, 10, 650-658.	9.6	125
119	O-GlcNAc Transferase Enables AgRP Neurons to Suppress Browning of White Fat. <i>Cell</i> , 2014, 159, 306-317.	28.9	233
120	Function and Dysfunction of Hypocretin/Orexin: An Energetics Point of View. <i>Annual Review of Neuroscience</i> , 2014, 37, 101-116.	10.7	46
121	Leptin signaling in astrocytes regulates hypothalamic neuronal circuits and feeding. <i>Nature Neuroscience</i> , 2014, 17, 908-910.	14.8	268
122	PPAR $\beta$ ablation sensitizes proopiomelanocortin neurons to leptin during high-fat feeding. <i>Journal of Clinical Investigation</i> , 2014, 124, 4017-4027.	8.2	50
123	A temperature hypothesis of hypothalamus-driven obesity. <i>Yale Journal of Biology and Medicine</i> , 2014, 87, 149-58.	0.2	6
124	Antibodies to cannabinoid type 1 receptor co-react with stomatin-like protein 2 in mouse brain mitochondria. <i>European Journal of Neuroscience</i> , 2013, 38, 2341-2348.	2.6	39
125	Natural birth-induced UCP2 in brain development. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2013, 14, 347-350.	5.7	5
126	Mitochondrial Dynamics Controlled by Mitofusins Regulate Agrp Neuronal Activity and Diet-Induced Obesity. <i>Cell</i> , 2013, 155, 188-199.	28.9	249



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127	Mitofusin 2 in POMC Neurons Connects ER Stress with Leptin Resistance and Energy Imbalance. <i>Cell</i> , 2013, 155, 172-187.	28.9	429
128	Hypothalamic control of energy balance: insights into the role of synaptic plasticity. <i>Trends in Neurosciences</i> , 2013, 36, 65-73.	8.6	190
129	Hunger-promoting hypothalamic neurons modulate effector and regulatory T-cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6193-6198.	7.1	29
130	Repeated <i>in vivo</i> exposure of cocaine induces long-lasting synaptic plasticity in hypocretin/orexin-producing neurons in the lateral hypothalamus in mice. <i>Journal of Physiology</i> , 2013, 591, 1951-1966.	2.9	43
131	AgRP neurons: a switch between peripheral carbohydrate and lipid utilization. <i>EMBO Journal</i> , 2012, 31, 4252-4254.	7.8	16
132	Obesity is associated with hypothalamic injury in rodents and humans. <i>Journal of Clinical Investigation</i> , 2012, 122, 153-162.	8.2	1,448
133	Ghrelin-immunopositive hypothalamic neurons tie the circadian clock and visual system to the lateral hypothalamic arousal center. <i>Molecular Metabolism</i> , 2012, 1, 79-85.	6.5	18
134	Limitations in anti-obesity drug development: the critical role of hunger-promoting neurons. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 675-691.	46.4	174
135	Mitochondrial uncoupling protein 2 (UCP2) in glucose and lipid metabolism. <i>Trends in Molecular Medicine</i> , 2012, 18, 52-58.	6.7	180
136	Loss of Autophagy in Pro-opiomelanocortin Neurons Perturbs Axon Growth and Causes Metabolic Dysregulation. <i>Cell Metabolism</i> , 2012, 15, 247-255.	16.2	149
137	Leptin and insulin pathways in POMC and AgRP neurons that modulate energy balance and glucose homeostasis. <i>EMBO Reports</i> , 2012, 13, 1079-1086.	4.5	325
138	Ucp2 Induced by Natural Birth Regulates Neuronal Differentiation of the Hippocampus and Related Adult Behavior. <i>PLoS ONE</i> , 2012, 7, e42911.	2.5	52
139	AgRP neurons regulate development of dopamine neuronal plasticity and nonfood-associated behaviors. <i>Nature Neuroscience</i> , 2012, 15, 1108-1110.	14.8	136
140	Plasticity of Brain Feeding Circuits in Response to Food. , 2012, , 61-74.		0
141	Ghrelin and the central regulation of feeding and energy balance. <i>Indian Journal of Endocrinology and Metabolism</i> , 2012, 16, 617.	0.4	25
142	Peroxisome proliferation-associated control of reactive oxygen species sets melanocortin tone and feeding in diet-induced obesity. <i>Nature Medicine</i> , 2011, 17, 1121-1127.	30.7	239
143	High-fat feeding promotes obesity via insulin receptor/PI3K-dependent inhibition of SF-1 VMH neurons. <i>Nature Neuroscience</i> , 2011, 14, 911-918.	14.8	205
144	Synaptic Plasticity of Feeding Circuits: Hormones and Hysteresis. <i>Cell</i> , 2011, 146, 863-865.	28.9	50

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145	GPA protects the nigrostriatal dopamine system by enhancing mitochondrial function. <i>Neurobiology of Disease</i> , 2011, 43, 152-162.	4.4	20
146	Cortical Glial Fibrillary Acidic Protein-Positive Cells Generate Neurons after Perinatal Hypoxic Injury. <i>Journal of Neuroscience</i> , 2011, 31, 9205-9221.	3.6	50
147	The role of mitochondrial uncoupling proteins in lifespan. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 459, 269-275.	2.8	53
148	An Oscillatory Switch in mTOR Kinase Activity Sets Regulatory T Cell Responsiveness. <i>Immunity</i> , 2010, 33, 929-941.	14.8	312
149	Estrogen Promotes Parvalbumin Expression in Arcuate Nucleus POMC Neurons. <i>Reproductive Sciences</i> , 2010, 17, 1077-1080.	2.5	24
150	Synaptic input organization of the melanocortin system predicts diet-induced hypothalamic reactive gliosis and obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14875-14880.	7.1	370
151	Early-Life Experience Reduces Excitation to Stress-Responsive Hypothalamic Neurons and Reprograms the Expression of Corticotropin-Releasing Hormone. <i>Journal of Neuroscience</i> , 2010, 30, 703-713.	3.6	150
152	Corticosterone Regulates Synaptic Input Organization of POMC and NPY/AgRP Neurons in Adult Mice. <i>Endocrinology</i> , 2010, 151, 5395-5402.	2.8	74
153	Regulatory T cells in obesity: the leptin connection. <i>Trends in Molecular Medicine</i> , 2010, 16, 247-256.	6.7	171
154	A Sympathetic View on Free Radicals in Diabetes. <i>Neuron</i> , 2010, 66, 809-811.	8.1	5
155	AgRP Neurons Mediate Sirt1's Action on the Melanocortin System and Energy Balance: Roles for Sirt1 in Neuronal Firing and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2010, 30, 11815-11825.	3.6	194
156	Uncoupling Protein-2 Decreases the Lipogenic Actions of Ghrelin. <i>Endocrinology</i> , 2010, 151, 2078-2086.	2.8	44
157	Uncoupling protein-2 regulates lifespan in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E621-E627.	3.5	98
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