

Lateral hypothalamic circuits for feeding and reward

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Citation Report

#	ARTICLE	IF	CITATIONS
1	DBS for Obesity. Brain Sciences, 2016, 6, 21.	1.1	21
2	Neuroendocrinological and Epigenetic Mechanisms Subserving Autonomic Imbalance and HPA Dysfunction in the Metabolic Syndrome. Frontiers in Neuroscience, 2016, 10, 142.	1.4	33
3	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. Journal of Physiology, 2016, 594, 6443-6462.	1.3	178
4	Inhibitory Input from the Lateral Hypothalamus to the Ventral Tegmental Area Disinhibits Dopamine Neurons and Promotes Behavioral Activation. Neuron, 2016, 90, 1286-1298.	3.8	309
5	Reward and Aversion. Annual Review of Neuroscience, 2016, 39, 297-324.	5.0	174
6	Exploring Neural Substrates Underlying the Execution of Behavior Across the Whole Brain. Neuroscience Bulletin, 2016, 32, 505-507.	1.5	2
7	Spontaneous brain processing of the mammary pheromone in rabbit neonates prior to milk intake. Behavioural Brain Research, 2016, 313, 191-200.	1.2	13
8	An Inhibitory Septum to Lateral Hypothalamus Circuit That Suppresses Feeding. Journal of Neuroscience, 2016, 36, 11185-11195.	1.7	69
9	Gastrointestinal hormones and the gut connectome. Current Opinion in Endocrinology, Diabetes and Obesity, 2017, 24, 9-14.	1.2	20
10	Hormonal gain control of a medial preoptic area social reward circuit. Nature Neuroscience, 2017, 20, 449-458.	7.1	207
11	Neural Circuit Mechanisms Underlying Emotional Regulation of Homeostatic Feeding. Trends in Endocrinology and Metabolism, 2017, 28, 437-448.	3.1	48
12	Mu opioid receptor signaling in the nucleus accumbens shell increases responsiveness of satiety-modulated lateral hypothalamus neurons. European Journal of Neuroscience, 2017, 45, 1418-1430.	1.2	5
13	Orexin-driven GAD65 network of the lateral hypothalamus sets physical activity in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4525-4530.	3.3	73
14	Activation of the hypothalamic feeding centre upon visual prey detection. Nature Communications, 2017, 8, 15029.	5.8	98
15	The lateral hypothalamus to lateral habenula projection, but not the ventral pallidum to lateral habenula projection, regulates voluntary ethanol consumption. Behavioural Brain Research, 2017, 328, 195-208.	1.2	18
16	Lateral hypothalamic circuits for sleep-wake control. Current Opinion in Neurobiology, 2017, 44, 94-100.	2.0	56
17	Effects of acute alcohol on excitability in the CNS. Neuropharmacology, 2017, 122, 36-45.	2.0	82
18	Three Pillars for the Neural Control of Appetite. Annual Review of Physiology, 2017, 79, 401-423.	5.6	211

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19	The lateral habenula and alcohol: Role of glutamate and M-type potassium channels. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 162, 94-102.	1.3	26
20	To eat? To sleep? To run? Coordination of innate behaviors by lateral hypothalamus. <i>E-Neuroforum</i> , 2017, 23, 45-55.	0.2	3
21	Hormones and Neuropeptide Receptor Heteromers in the Ventral Tegmental Area. Targets for the Treatment of Loss of Control of Food Intake and Substance Use Disorders. <i>Current Treatment Options in Psychiatry</i> , 2017, 4, 167-183.	0.7	5
22	Hypothalamic circuits regulating appetite and energy homeostasis: pathways to obesity. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 679-689.	1.2	515
23	Organization of Functional Long-Range Circuits Controlling the Activity of Serotonergic Neurons in the Dorsal Raphe Nucleus. <i>Cell Reports</i> , 2017, 18, 3018-3032.	2.9	84
24	Ventral tegmental area: cellular heterogeneity, connectivity and behaviour. <i>Nature Reviews Neuroscience</i> , 2017, 18, 73-85.	4.9	800
25	Thalamic dopaminergic neurons projects to the paraventricular nucleusâ€œrostral ventrolateral medulla/C1 neural circuit. <i>Anatomical Record</i> , 2017, 300, 1307-1314.	0.8	14
26	Lateral hypothalamic activity indicates hunger and satiety states in humans. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 897-901.	1.7	19
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33	Appetite suppressive role of medial septal glutamatergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13816-13821.	3.3	29
34	Lateral Hypothalamic GABAergic Neurons Encode Reward Predictions that Are Relayed to the Ventral Tegmental Area to Regulate Learning. <i>Current Biology</i> , 2017, 27, 2089-2100.e5.	1.8	90
35	FGF1 â€œ a new weapon to control type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2017, 13, 599-609.	4.3	74
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38	Sleep & metabolism: The multitasking ability of lateral hypothalamic inhibitory circuitries. <i>Frontiers in Neuroendocrinology</i> , 2017, 44, 27-34.	2.5	44
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42	Hunger and Satiety Gauge Reward Sensitivity. <i>Frontiers in Endocrinology</i> , 2017, 8, 104.	1.5	59
43	Neuroanatomical Substrates of Rodent Social Behavior: The Medial Prefrontal Cortex and Its Projection Patterns. <i>Frontiers in Neural Circuits</i> , 2017, 11, 41.	1.4	153
44	Diet-Induced Obesity and Circadian Disruption of Feeding Behavior. <i>Frontiers in Neuroscience</i> , 2017, 11, 23.	1.4	31
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54	Hypothalamic Circuits for Predation and Evasion. <i>Neuron</i> , 2018, 97, 911-924.e5.	3.8	160

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55	The tail of the ventral tegmental area in behavioral processes and in the effect of psychostimulants and drugs of abuse. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 30-38.	2.5	11
56	Glucose Modulates Human Ventral Tegmental Activity in Response to Sexual Stimuli. <i>Journal of Sexual Medicine</i> , 2018, 15, 20-28.	0.3	4
57	The role of corticostriatalâ€“hypothalamic neural circuits in feeding behaviour: implications for obesity. <i>Journal of Neurochemistry</i> , 2018, 147, 715-729.	2.1	20
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59	Differential and complementary roles of medial and lateral septum in the orchestration of limbic oscillations and signal integration. <i>European Journal of Neuroscience</i> , 2018, 48, 2783-2794.	1.2	36
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61	Tolerance to rewarding brain electrical stimulation: Differential effects of contingent and non-contingent activation of parabrachial complex and lateral hypothalamus. <i>Behavioural Brain Research</i> , 2018, 336, 15-21.	1.2	4
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63	Restoring Serotonergic Homeostasis in the Lateral Hypothalamus Rescues Sleep Disturbances Induced by Early-Life Obesity. <i>Journal of Neuroscience</i> , 2018, 38, 441-451.	1.7	4
64	Overlapping Brain Circuits for Homeostatic and Hedonic Feeding. <i>Cell Metabolism</i> , 2018, 27, 42-56.	7.2	242
65	Investigating metabolic regulation using targeted neuromodulation. <i>Annals of the New York Academy of Sciences</i> , 2018, 1411, 83-95.	1.8	5
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69	Interaction Between Stress and Addiction: Contributions From Latin-American Neuroscience. <i>Frontiers in Psychology</i> , 2018, 9, 2639.	1.1	14
70	Assessment of Safety and Outcome of Lateral Hypothalamic Deep Brain Stimulation for Obesity in a Small Series of Patients With Prader-Willi Syndrome. <i>JAMA Network Open</i> , 2018, 1, e185275.	2.8	32
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84	Lateral Hypothalamus as a Motivation-Cognition Interface in the Control of Feeding Behavior. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 14.	1.2	78
85	Pharmacological Interventions for Obesity: Current and Future Targets. <i>Current Addiction Reports</i> , 2018, 5, 202-211.	1.6	11
86	Resting State Functional Connectivity of the Lateral and Medial Hypothalamus in Cocaine Dependence: An Exploratory Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 344.	1.3	36
87	Preventing morphine reinforcement with high-frequency deep brain stimulation of the lateral hypothalamic area. <i>Addiction Biology</i> , 2019, 24, 685-695.	1.4	13
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89	Activation of a lateral hypothalamic-ventral tegmental circuit gates motivation. <i>PLoS ONE</i> , 2019, 14, e0219522.	1.1	25
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91	Natural and Drug Rewards Engage Distinct Pathways that Converge on Coordinated Hypothalamic and Reward Circuits. <i>Neuron</i> , 2019, 103, 891-908.e6.	3.8	90
92	Central taste anatomy and physiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 164, 187-204.	1.0	42
93	Hypothalamic neuronal circuits regulating hunger-induced taste modification. <i>Nature Communications</i> , 2019, 10, 4560.	5.8	39
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96	The Triple Combination Phentermine Plus 5-HTP/Carbidopa Leads to Greater Weight Loss, With Fewer Psychomotor Side Effects Than Each Drug Alone. <i>Frontiers in Pharmacology</i> , 2019, 10, 1327.	1.6	7
97	Lateral hypothalamic fast-spiking parvalbumin neurons modulate nociception through connections in the periaqueductal gray area. <i>Scientific Reports</i> , 2019, 9, 12026.	1.6	14
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110	Cluster Headache in Subjects With Substance Use Disorder: A Case Series and a Review of the Literature. <i>Headache</i> , 2019, 59, 576-589.	1.8	9
111	A Role of Drd2 Hippocampal Neurons in Context-Dependent Food Intake. <i>Neuron</i> , 2019, 102, 873-886.e5.	3.8	54
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114	A hypothalamus-habenula circuit controls aversion. <i>Molecular Psychiatry</i> , 2019, 24, 1351-1368.	4.1	111
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116	Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.		1
117	Food Intake Recruits Orosensory and Post-ingestive Dopaminergic Circuits to Affect Eating Desire in Humans. <i>Cell Metabolism</i> , 2019, 29, 695-706.e4.	7.2	69
118	Hypothalamic Networks in Adolescents With Excess Weight: Stress-Related Connectivity and Associations With Emotional Eating. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 211-220.e5.	0.3	29
119	Chrelin and food reward. <i>Neuropharmacology</i> , 2019, 148, 131-138.	2.0	59
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121	Encoding prediction signals during appetitive and aversive Pavlovian conditioning in the primate lateral hypothalamus. <i>Journal of Neurophysiology</i> , 2019, 121, 396-417.	0.9	10
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124	Hypothalamic response to cocaine cues and cocaine addiction severity. <i>Addiction Biology</i> , 2020, 25, e12682.	1.4	15
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126	Hypothalamic Structural and Functional Imbalances in Anorexia Nervosa. <i>Neuroendocrinology</i> , 2020, 110, 552-562.	1.2	41

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127	Estradiol treatment attenuates high fat diet-induced microgliosis in ovariectomized rats. <i>Hormones and Behavior</i> , 2020, 120, 104675.	1.0	16
128	Increased Hypothalamic Projections to the Lateral Hypothalamus and Responses to Leptin in Rat Neonates From High Fat Fed Mothers. <i>Frontiers in Neuroscience</i> , 2019, 13, 1454.	1.4	10
129	Risperidone stimulates food intake and induces body weight gain via the hypothalamic arcuate nucleus 5-HT _{2c} receptor- α -NPY pathway. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 558-566.	1.9	25
130	Centrifugal projections to the main olfactory bulb revealed by transsynaptic retrograde tracing in mice. <i>Journal of Comparative Neurology</i> , 2020, 528, 1805-1819.	0.9	17
131	A subpopulation of Bdnf-e1 α -expressing glutamatergic neurons in the lateral hypothalamus critical for thermogenesis control. <i>Molecular Metabolism</i> , 2020, 31, 109-123.	3.0	21
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135	The Melanocortin System behind the Dysfunctional Eating Behaviors. <i>Nutrients</i> , 2020, 12, 3502.	1.7	32
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137	Concurrent changes in photoperiod-induced seasonal phenotypes and hypothalamic CART peptide-containing systems in night-migratory redheaded buntings. <i>Brain Structure and Function</i> , 2020, 225, 2775-2798.	1.2	7
138	Pathological Correlations of Neuropsychiatric Symptoms in Institutionalized People with Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1731-1741.	1.2	9
139	Prepronociceptin-Expressing Neurons in the Extended Amygdala Encode and Promote Rapid Arousal Responses to Motivationally Salient Stimuli. <i>Cell Reports</i> , 2020, 33, 108362.	2.9	45
140	Chemical stimulation of the lateral hypothalamus induced seeking behaviors in rats: Involvement of orexin receptors in the ventral tegmental area. <i>European Journal of Pharmacology</i> , 2020, 886, 173433.	1.7	5
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143	Neural and Hormonal Control of Sexual Behavior. <i>Endocrinology</i> , 2020, 161, .	1.4	70
144	The lateral hypothalamus and orexinergic transmission in the paraventricular thalamus promote the attribution of incentive salience to reward-associated cues. <i>Psychopharmacology</i> , 2020, 237, 3741-3758.	1.5	14

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145	Ventral tegmental area GABAergic neurons induce anxiety-like behaviors and promote palatable food intake. <i>Neuropharmacology</i> , 2020, 173, 108114.	2.0	18
146	The hypothalamus as a primary coordinator of memory updating. <i>Physiology and Behavior</i> , 2020, 223, 112988.	1.0	41
147	Valence Encoding Signals in the Human Amygdala and the Willingness to Eat. <i>Journal of Neuroscience</i> , 2020, 40, 5264-5272.	1.7	13
148	Cooperative synaptic and intrinsic plasticity in a disynaptic limbic circuit drive stress-induced anhedonia and passive coping in mice. <i>Molecular Psychiatry</i> , 2021, 26, 1860-1879.	4.1	37
149	Neuroendocrine and Behavioral Consequences of Hyperglycemia in Cancer. <i>Endocrinology</i> , 2020, 161, .	1.4	4
150	The transition to compulsion in addiction. <i>Nature Reviews Neuroscience</i> , 2020, 21, 247-263.	4.9	256
151	Local and global consequences of reward-evoked striatal dopamine release. <i>Nature</i> , 2020, 580, 239-244.	13.7	55
152	Whole-Brain Monosynaptic Inputs to Hypoglossal Motor Neurons in Mice. <i>Neuroscience Bulletin</i> , 2020, 36, 585-597.	1.5	22
153	The Lateral Hypothalamus: An Uncharted Territory for Processing Peripheral Neurogenic Inflammation. <i>Frontiers in Neuroscience</i> , 2020, 14, 101.	1.4	33
154	The anterior insular cortex unilaterally controls feeding in response to aversive visceral stimuli in mice. <i>Nature Communications</i> , 2020, 11, 640.	5.8	42
155	Role of Brown Adipose Tissue in Adiposity Associated With Narcolepsy Type 1. <i>Frontiers in Endocrinology</i> , 2020, 11, 145.	1.5	8
156	Control of food approach and eating by a GABAergic projection from lateral hypothalamus to dorsal pons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8611-8615.	3.3	41
157	Deep brain stimulation of hypothalamus for narcolepsy-cataplexy in mice. <i>Brain Stimulation</i> , 2020, 13, 1305-1316.	0.7	6
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