Hypothalamic IKKÎ²/NF-Î°B and ER Stress Link Overnu

Cell

135, 61-73

DOI: 10.1016/j.cell.2008.07.043

Citation Report

#	Article	IF	Citations
1	Special focus: Brain research. Biotechnology Journal, 2008, 3, 1466-1475.	3.5	1
3	Community corner. Nature Medicine, 2008, 14, 1154-1154.	30.7	0
4	Nutrient sensing and inflammation in metabolic diseases. Nature Reviews Immunology, 2008, 8, 923-934.	22.7	845
5	Protein restriction during early gestation impairs renal function in sheep with adult-onset obesity. Proceedings of the Nutrition Society, 2008, 67, .	1.0	0
6	The brain is the conductor: diet-induced inflammation overlapping physiological control of body mass and metabolism. Arquivos Brasileiros De Endocrinologia E Metabologia, 2009, 53, 151-158.	1.3	27
7	Possible involvement of endoplasmic reticulum stress in obesity associated with leptin resistance. Journal of Medical Investigation, 2009, 56, 296-298.	0.5	5
8	Your brain on fat: dietary-induced obesity impairs central nutrient sensing. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E967-E968.	3.5	7
9	NF-ÂB in the Nervous System. Cold Spring Harbor Perspectives in Biology, 2009, 1, a001271-a001271.	5.5	332
10	Hypothalamic proinflammatory lipid accumulation, inflammation, and insulin resistance in rats fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1003-E1012.	3.5	487
11	The hypothalamus bridges the gap between physiology and biochemistry in high-fat diet-induced hepatic insulin resistance. Cell Cycle, 2009, 8, 2885-2887.	2.6	7
12	CNS Regulation of Glucose Homeostasis. Physiology, 2009, 24, 159-170.	3.1	80
13	NFÎºB-mediated metabolic inflammation in peripheral tissues versus central nervous system. Cell Cycle, 2009, 8, 2542-2548.	2.6	81
14	Hypothalamic Dysfunction in Obesity. Reviews in the Neurosciences, 2009, 20, 441-9.	2.9	5
15	Central Administration of Resveratrol Improves Diet-Induced Diabetes. Endocrinology, 2009, 150, 5326-5333.	2.8	118
16	Lipopolysaccharide (LPS) stimulates adipokine and socs3 gene expression in mouse brain and pituitary gland in vivo, and in N-1 hypothalamic neurons in vitro. Journal of Neuroimmunology, 2009, 209, 96-103.	2.3	31
17	Intersection of the unfolded protein response and hepatic lipid metabolism. Cellular and Molecular Life Sciences, 2009, 66, 2835-2850.	5.4	94
18	Molecular Mechanisms of Obesity and Diabetes: At the Intersection of Weight Regulation, Inflammation, and Glucose Homeostasis. World Journal of Surgery, 2009, 33, 2007-2013.	1.6	26
19	Physiological Models of Leptin Resistance. Journal of Neuroendocrinology, 2009, 21, 961-971.	2.6	46

#	Article	IF	Citations
20	Targeting the CNS to treat type 2 diabetes. Nature Reviews Drug Discovery, 2009, 8, 386-398.	46.4	87
21	Central Administration of an Endoplasmic Reticulum Stress Inducer Inhibits the Anorexigenic Effects of Leptin and Insulin. Obesity, 2009, 17, 1861-1865.	3.0	131
22	Anti-Inflammatory Diets for Obesity and Diabetes. Journal of the American College of Nutrition, 2009, 28, 482S-491S.	1.8	21
23	Cellular mechanisms of insulin resistance: role of stress-regulated serine kinases and insulin receptor substrates (IRS) serine phosphorylation. Current Opinion in Pharmacology, 2009, 9, 753-762.	3.5	350
24	CNS-targets in control of energy and glucose homeostasis. Current Opinion in Pharmacology, 2009, 9, 794-804.	3.5	49
25	The Protein Kinase IKKÉ› Regulates Energy Balance in Obese Mice. Cell, 2009, 138, 961-975.	28.9	318
26	Endoplasmic Reticulum Stress Plays a Central Role in Development of Leptin Resistance. Cell Metabolism, 2009, 9, 35-51.	16.2	770
27	MyD88 Signaling in the CNS Is Required for Development of Fatty Acid-Induced Leptin Resistance and Diet-Induced Obesity. Cell Metabolism, 2009, 10, 249-259.	16.2	428
28	Does Hypothalamic Inflammation Cause Obesity?. Cell Metabolism, 2009, 10, 241-242.	16.2	57
29	Three questions about leptin and immunity. Brain, Behavior, and Immunity, 2009, 23, 405-410.	4.1	33
30	Mechanisms involved in cholesterol-induced neuronal insulin resistance. Neuropharmacology, 2009, 57, 268-276.	4.1	29
31	Recent advances in understanding leptin signaling and leptin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1247-E1259.	3.5	381
32	Emerging Roles for XBP1, a sUPeR Transcription Factor. Gene Expression, 2010, 15, 13-25.	1.2	93
33	Endoplasmic reticulum stress in disease: mechanisms and therapeutic opportunities. Clinical Science, 2010, 118, 19-29.	4.3	140
34	Palmitate Attenuates Insulin Signaling and Induces Endoplasmic Reticulum Stress and Apoptosis in Hypothalamic Neurons: Rescue of Resistance and Apoptosis through Adenosine 5â€² Monophosphate-Activated Protein Kinase Activation. Endocrinology, 2010, 151, 576-585.	2.8	189
35	Hypothalamic and pituitary c-Jun N-terminal kinase 1 signaling coordinately regulates glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6028-6033.	7.1	143
36	Sensing the fuels: glucose and lipid signaling in the CNS controlling energy homeostasis. Cellular and Molecular Life Sciences, 2010, 67, 3255-3273.	5.4	139
37	Nature or nurture: Let food be your epigenetic medicine in chronic inflammatory disorders. Biochemical Pharmacology, 2010, 80, 1816-1832.	4.4	121

#	Article	IF	Citations
38	Three weeks voluntary running wheel exercise increases endoplasmic reticulum stress in the brain of mice. Brain Research, 2010, 1317, 13-23.	2.2	29
39	Hepatocyte IKKÎ²/NF-Î¹B Inhibits Tumor Promotion and Progression by Preventing Oxidative Stress-Driven STAT3 Activation. Cancer Cell, 2010, 17, 286-297.	16.8	405
40	Hypothalamic inflammation and energy homeostasis: Resolving the paradox. Frontiers in Neuroendocrinology, 2010, 31, 79-84.	5.2	118
41	Liver-specific suppressor of cytokine signaling-3 deletion in mice enhances hepatic insulin sensitivity and lipogenesis resulting in fatty liver and obesity1. Hepatology, 2010, 52, 1632-1642.	7.3	89
42	A unique modulator of endoplasmic reticulum stressâ€signalling pathways: the novel pharmacological properties of amiloride in glial cells. British Journal of Pharmacology, 2010, 159, 428-437.	5.4	10
43	Influence of Ghrelin and Growth Hormone Deficiency on AMPâ€Activated Protein Kinase and Hypothalamic Lipid Metabolism. Journal of Neuroendocrinology, 2010, 22, 543-556.	2.6	42
44	Generation of Leptin Receptor Bone Marrow Chimeras: Recovery From Irradiation, Immune Cellularity, Cytokine Expression, and Metabolic Parameters. Obesity, 2010, 18, 2274-2281.	3.0	16
45	Modulation of pattern recognition receptor-mediated inflammation and risk of chronic diseases by dietary fatty acids. Nutrition Reviews, 2010, 68, 38-61.	5.8	144
46	Restoring endoplasmic reticulum function by chemical chaperones: an emerging therapeutic approach for metabolic diseases. Diabetes, Obesity and Metabolism, 2010, 12, 108-115.	4.4	208
47	Maternal obesity and increased nutrient intake before and during gestation in the ewe results in altered growth, adiposity, and glucose tolerance in adult offspring1. Journal of Animal Science, 2010, 88, 3546-3553.	0.5	141
48	Hyperleptinemia Is Required for the Development of Leptin Resistance. PLoS ONE, 2010, 5, e11376.	2.5	244
49	Functional Role of c-Jun-N-Terminal Kinase in Feeding Regulation. Endocrinology, 2010, 151, 671-682.	2.8	43
50	Ghrelin and lipid metabolism: key partners in energy balance. Journal of Molecular Endocrinology, 2011, 46, R43-63.	2.5	65
51	De NovoNeurogenesis in Adult Hypothalamus as a Compensatory Mechanism to Regulate Energy Balance. Journal of Neuroscience, 2010, 30, 723-730.	3.6	205
52	Ghrelin effects on neuropeptides in the rat hypothalamus depend on fatty acid metabolism actions on BSX but not on gender. FASEB Journal, 2010, 24, 2670-2679.	0.5	108
53	JNK1 and IKKÎ²: molecular links between obesity and metabolic dysfunction. FASEB Journal, 2010, 24, 2596-2611.	0.5	295
54	Ursolic Acid Attenuates D-Galactose-Induced Inflammatory Response in Mouse Prefrontal Cortex through Inhibiting AGEs/RAGE/NF-ÂB Pathway Activation. Cerebral Cortex, 2010, 20, 2540-2548.	2.9	159
55	Functional Role of Suppressor of Cytokine Signaling 3 Upregulation in Hypothalamic Leptin Resistance and Long-Term Energy Homeostasis. Diabetes, 2010, 59, 894-906.	0.6	149

#	Article	IF	Citations
56	Uncoupling of Inflammation and Insulin Resistance by NF-ÎºB in Transgenic Mice through Elevated Energy Expenditure. Journal of Biological Chemistry, 2010, 285, 4637-4644.	3.4	138
57	Hypothalamic Inflammation and Obesity. Vitamins and Hormones, 2010, 82, 129-143.	1.7	20
58	Endoplasmic Reticulum Stress and Inflammation in Obesity and Diabetes. Circulation Research, 2010, 107, 579-591.	4.5	366
59	CNS leptin and insulin action in the control of energy homeostasis. Annals of the New York Academy of Sciences, 2010, 1212, 97-113.	3.8	222
60	Grp78 Heterozygosity Promotes Adaptive Unfolded Protein Response and Attenuates Diet-Induced Obesity and Insulin Resistance. Diabetes, 2010, 59, 6-16.	0.6	157
61	IL-6 and IL-10 Anti-Inflammatory Activity Links Exercise to Hypothalamic Insulin and Leptin Sensitivity through IKKÎ² and ER Stress Inhibition. PLoS Biology, 2010, 8, e1000465.	5.6	275
62	â€œMens Sana In Corpore Sanoâ€: Exercise and Hypothalamic ER Stress. PLoS Biology, 2010, 8, e1000464.	5.6	27
63	Cultured hypothalamic neurons are resistant to inflammation and insulin resistance induced by saturated fatty acids. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1122-E1130.	3.5	66
64	Signaling through Tyr⁹⁸⁵ of Leptin Receptor as an Age/Diet-Dependent Switch in the Regulation of Energy Balance. Molecular and Cellular Biology, 2010, 30, 1650-1659.	2.3	27
65	Central administration of interleukin-4 exacerbates hypothalamic inflammation and weight gain during high-fat feeding. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E47-E53.	3.5	54
66	NF-ÎºB Activation in Hypothalamic Pro-opiomelanocortin Neurons Is Essential in Illness- and Leptin-induced Anorexia. Journal of Biological Chemistry, 2010, 285, 9706-9715.	3.4	78
67	Clinical physiology of NAFLD: a critical overview of pathogenesis and treatment. Expert Review of Endocrinology and Metabolism, 2010, 5, 403-423.	2.4	22
68	The Year In Neuroendocrinology. Molecular Endocrinology, 2010, 24, 252-260.	3.7	16
69	Whatever Way Weight Goes, Inflammation Shows. Endocrinology, 2010, 151, 846-848.	2.8	7
70	Central Insulin Signaling Is Attenuated by Long-Term Insulin Exposure via Insulin Receptor Substrate-1 Serine Phosphorylation, Proteasomal Degradation, and Lysosomal Insulin Receptor Degradation. Endocrinology, 2010, 151, 75-84.	2.8	68
71	Consequences of Stress in the Secretary Pathway: The ER Stress Response and Its Role in the Metabolic Syndrome. Methods in Molecular Biology, 2010, 648, 43-62.	0.9	26
72	Pharmacological manipulations of CNS sirtuins: Potential effects on metabolic homeostasis. Pharmacological Research, 2010, 62, 48-54.	7.1	8
73	Endocannabinoids, FOXO and the metabolic syndrome: Redox, function and tipping point â€“ The view from two systems. Immunobiology, 2010, 215, 617-628.	1.9	22

#	Article	IF	Citations
74	Dangerous liaisons: STAT3 and NF-ÎºB collaboration and crosstalk in cancer. Cytokine and Growth Factor Reviews, 2010, 21, 11-19.	7.2	952
75	Hypothalamic lipotoxicity and the metabolic syndrome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 350-361.	2.4	60
76	Hypothalamic nutrient sensing in the control of energy homeostasis. Behavioural Brain Research, 2010, 209, 1-12.	2.2	262
77	Endoplasmic Reticulum Stress and the Inflammatory Basis of Metabolic Disease. Cell, 2010, 140, 900-917.	28.9	2,365
78	Interleukin-6 Signaling in Liver-Parenchymal Cells Suppresses Hepatic Inflammation and Improves Systemic Insulin Action. Cell Metabolism, 2010, 12, 237-249.	16.2	192
79	TNF-Î± transiently induces endoplasmic reticulum stress and an incomplete unfolded protein response in the hypothalamus. Neuroscience, 2010, 170, 1035-1044.	2.3	56
80	Obesity and leptin resistance: distinguishing cause from effect. Trends in Endocrinology and Metabolism, 2010, 21, 643-651.	7.1	668
81	Targeting Inflammation-Induced Obesity and Metabolic Diseases by Curcumin and Other Nutraceuticals. Annual Review of Nutrition, 2010, 30, 173-199.	10.1	395
82	Minireview: Inflammation and Obesity Pathogenesis: The Hypothalamus Heats Up. Endocrinology, 2010, 151, 4109-4115.	2.8	260
83	Development of highâ€fatâ€dietâ€induced obesity in female metallothioneinâ€null mice. FASEB Journal, 2010, 24, 2375-2384.	0.5	67
84	Myeloid Deletion of SIRT1 Induces Inflammatory Signaling in Response to Environmental Stress. Molecular and Cellular Biology, 2010, 30, 4712-4721.	2.3	281
85	Troxerutin protects against high cholesterol-induced cognitive deficits in mice. Brain, 2011, 134, 783-797.	7.6	119
86	The early programming of metabolic health: is epigenetic setting the missing link?. American Journal of Clinical Nutrition, 2011, 94, S1953-S1958.	4.7	104
87	Leptin and the Central Nervous System Control of Glucose Metabolism. Physiological Reviews, 2011, 91, 389-411.	28.8	271
88	Obesity, adipogenesis and insulin resistance. EndocrinologÃa Y NutriciÃ³n (English Edition), 2011, 58, 360-369.	0.5	29
89	Uncoupling the mechanisms of obesity and hypertension by targeting hypothalamic IKK-Î² and NF-ÎºB. Nature Medicine, 2011, 17, 883-887.	30.7	201
90	Common cellular and molecular mechanisms in obesity and drug addiction. Nature Reviews Neuroscience, 2011, 12, 638-651.	10.2	319
91	Inflammatory Mechanisms in Obesity. Annual Review of Immunology, 2011, 29, 415-445.	21.8	2,936

#	Article	IF	Citations
93	Metabolic Basis of Obesity. , 2011, , .		5
94	Ameliorative potential of sodium cromoglycate and diethyldithiocarbamic acid in restraint stress-induced behavioral alterations in rats. Pharmacological Reports, 2011, 63, 54-63.	3.3	38
95	NF-ÎºB, Inflammation, and Metabolic Disease. Cell Metabolism, 2011, 13, 11-22.	16.2	1,564
96	Brain Insulin Controls Adipose Tissue Lipolysis and Lipogenesis. Cell Metabolism, 2011, 13, 183-194.	16.2	216
97	Induction of Leptin Resistance by Activation of cAMP-Epac Signaling. Cell Metabolism, 2011, 13, 331-339.	16.2	65
98	Mutant Huntingtin Causes Metabolic Imbalance by Disruption of Hypothalamic Neurocircuits. Cell Metabolism, 2011, 13, 428-439.	16.2	90
99	Inflaming Hypothalamic Neurons Raises Blood Pressure. Cell Metabolism, 2011, 14, 3-4.	16.2	11
100	Elevated Hypothalamic TCPTP in Obesity Contributes to Cellular Leptin Resistance. Cell Metabolism, 2011, 14, 684-699.	16.2	162
101	Ursolic acid improves high fat diet-induced cognitive impairments by blocking endoplasmic reticulum stress and IÎºB kinase Î²/nuclear factor-ÎºB-mediated inflammatory pathways in mice. Brain, Behavior, and Immunity, 2011, 25, 1658-1667.	4.1	123
102	Toll-like receptors: linking inflammation to metabolism. Trends in Endocrinology and Metabolism, 2011, 22, 16-23.	7.1	318
103	Stressed out about obesity: IRE1Î±â€"XBP1 in metabolic disorders. Trends in Endocrinology and Metabolism, 2011, 22, 374-381.	7.1	76
104	Reactive oxygen species and insulin resistance: the good, the bad and the ugly. Trends in Pharmacological Sciences, 2011, 32, 82-89.	8.7	204
105	Neuropeptide Exocytosis Involving Synaptotagmin-4 and Oxytocin in Hypothalamic Programming of Body Weight and Energy Balance. Neuron, 2011, 69, 523-535.	8.1	180
106	FFAâ€Induced Adipocyte Inflammation and Insulin Resistance: Involvement of ER Stress and IKKÎ² Pathways. Obesity, 2011, 19, 483-491.	3.0	169
108	Inflammatory links between obesity and metabolic disease. Journal of Clinical Investigation, 2011, 121, 2111-2117.	8.2	1,845
109	Phytochemicals and Cancer Chemoprevention: Epigenetic Friends or Foe?. , 0, , .		2
110	Anti-Inflammatory Nutrition as a Pharmacological Approach to Treat Obesity. Journal of Obesity, 2011, 2011, 1-14.	2.7	49
111	Lipid-induced insulin resistance mediated by the proinflammatory receptor TLR4 requires saturated fatty acidâ€"induced ceramide biosynthesis in mice. Journal of Clinical Investigation, 2011, 121, 1858-1870.	8.2	566

#	Article	IF	Citations
113	Activation of Microglia in Specific Hypothalamic Nuclei and the Cerebellum of Adult Rats Exposed to Neonatal Overnutrition. Journal of Neuroendocrinology, 2011, 23, 365-370.	2.6	65
114	Type 2 diabetes as an inflammatory disease. Nature Reviews Immunology, 2011, 11, 98-107.	22.7	2,777
115	Altered hypothalamic function in diet-induced obesity. International Journal of Obesity, 2011, 35, 1455-1465.	3.4	149
116	Hypothalamic inflammation: a doubleâ€edged sword to nutritional diseases. Annals of the New York Academy of Sciences, 2011, 1243, E1-39.	3.8	131
117	Inflammation of the Hypothalamus Leads to Defective Pancreatic Islet Function. Journal of Biological Chemistry, 2011, 286, 12870-12880.	3.4	65
118	Hypothalamic inflammation and thermogenesis: the brown adipose tissue connection. Journal of Bioenergetics and Biomembranes, 2011, 43, 53-58.	2.3	16
119	Hypothalamic control of energy and glucose metabolism. Reviews in Endocrine and Metabolic Disorders, 2011, 12, 219-233.	5.7	38
120	Endurance exercise training ameliorates insulin resistance and reticulum stress in adipose and hepatic tissue in obese rats. European Journal of Applied Physiology, 2011, 111, 2015-2023.	2.5	89
121	Inflammation and cellular stress: a mechanistic link between immune-mediated and metabolically driven pathologies. European Journal of Nutrition, 2011, 50, 219-233.	3.9	70
122	The role of IÎºB kinase complex in the neurobiology of Huntington's disease. Neurobiology of Disease, 2011, 43, 305-311.	4.4	42
123	Momordica charantia (bitter melon) attenuates high-fat diet-associated oxidative stress and neuroinflammation. Journal of Neuroinflammation, 2011, 8, 64.	7.2	115
124	Poly(A) Tail Length of Neurohypophysial Hormones Is Shortened Under Endoplasmic Reticulum Stress. Endocrinology, 2011, 152, 4846-4855.	2.8	24
125	The Evil Axis of Obesity, Inflammation and Type-2 Diabetes. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2011, 11, 23-31.	1.2	41
126	A Treasure Trove of Hypothalamic Neurocircuitries Governing Body Weight Homeostasis. Endocrinology, 2011, 152, 11-18.	2.8	46
127	Food reward, hyperphagia, and obesity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1266-R1277.	1.8	192
128	The brain splits obesity and hypertension. Nature Medicine, 2011, 17, 782-783.	30.7	9
129	The endoplasmic reticulum stress response and diabetic kidney disease. American Journal of Physiology - Renal Physiology, 2011, 300, F1054-F1061.	2.7	115
130	Low-Grade Hypothalamic Inflammation Leads to Defective Thermogenesis, Insulin Resistance, and Impaired Insulin Secretion. Endocrinology, 2011, 152, 1314-1326.	2.8	169

#	Article	IF	Citations
131	Partial Reversibility of Hypothalamic Dysfunction and Changes in Brain Activity After Body Mass Reduction in Obese Subjects. Diabetes, 2011, 60, 1699-1704.	0.6	122
132	Adrenocorticotropin. , 2011, , 47-81.		2
133	Neural dysregulation of peripheral insulin action and blood pressure by brain endoplasmic reticulum stress. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2939-2944.	7.1	152
134	PKA phosphorylation couples hepatic inositol-requiring enzyme 1Î± to glucagon signaling in glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15852-15857.	7.1	76
135	Defective Hypothalamic Autophagy Directs the Central Pathogenesis of Obesity via the IÎºB Kinase Î² (IKKÎ²)/NF-ÎºB Pathway. Journal of Biological Chemistry, 2011, 286, 32324-32332.	3.4	215
136	Hypoxia-Inducible Factor Directs POMC Gene to Mediate Hypothalamic Glucose Sensing and Energy Balance Regulation. PLoS Biology, 2011, 9, e1001112.	5.6	89
137	Immortalized neurons for the study of hypothalamic function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1030-R1052.	1.8	36
138	Circadian intervention of obesity development via resting-stage feeding manipulation or oxytocin treatment. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1004-E1012.	3.5	138
139	Diet-induced obesity leads to the development of leptin resistance in vagal afferent neurons. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E187-E195.	3.5	141
140	Inflammation and Oxidative Stress in Obesity, Metabolic Syndrome, and Diabetes. Experimental Diabetes Research, 2012, 2012, 1-2.	3.8	42
141	Context-Dependent Regulation of Autophagy by IKK-NF-ÎºB Signaling: Impact on the Aging Process. International Journal of Cell Biology, 2012, 2012, 1-15.	2.5	67
142	Does Inflammation Determine Whether Obesity Is Metabolically Healthy or Unhealthy? The Aging Perspective. Mediators of Inflammation, 2012, 2012, 1-14.	3.0	67
143	Multiparity leads to obesity and inflammation in mothers and obesity in male offspring. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E449-E457.	3.5	40
144	Role of leptin in the pancreatic Î²-cell: effects and signaling pathways. Journal of Molecular Endocrinology, 2012, 49, R9-R17.	2.5	117
145	Obesity is associated with hypothalamic injury in rodents and humans. Journal of Clinical Investigation, 2012, 122, 153-162.	8.2	1,448
146	Shp2 Controls Female Body Weight and Energy Balance by Integrating Leptin and Estrogen Signals. Molecular and Cellular Biology, 2012, 32, 1867-1878.	2.3	57
147	One Step from Prediabetes to Diabetes: Hypothalamic Inflammation?. Endocrinology, 2012, 153, 1010-1013.	2.8	27
148	Constitutive Activation of IKKÎ² in Adipose Tissue Prevents Diet-Induced Obesity in Mice. Endocrinology, 2012, 153, 154-165.	2.8	42

#	Article	IF	Citations
149	Role of Hypothalamic Proopiomelanocortin Neuron Autophagy in the Control of Appetite and Leptin Response. Endocrinology, 2012, 153, 1817-1826.	2.8	95
150	Maternal Consumption of High-Fat Diet Disturbs Hypothalamic Neuronal Function in the Offspring: Implications for the Genesis of Obesity. Endocrinology, 2012, 153, 543-545.	2.8	10
151	Looking beyond overnutrition for causes of epidemic metabolic disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15537-15538.	7.1	2
152	Short Term Voluntary Overfeeding Disrupts Brain Insulin Control of Adipose Tissue Lipolysis. Journal of Biological Chemistry, 2012, 287, 33061-33069.	3.4	58
153	Increased Hypothalamic Inflammation Associated with the Susceptibility to Obesity in Rats Exposed to High-Fat Diet. Experimental Diabetes Research, 2012, 2012, 1-8.	3.8	80
154	Obesity and endoplasmic reticulum (ER) stresses. Frontiers in Immunology, 2012, 3, 240.	4.8	53
155	Leptin in Anorexia and Cachexia Syndrome. International Journal of Peptides, 2012, 2012, 1-13.	0.7	49
156	PTEN, a widely known negative regulator of insulin/PI3K signaling, positively regulates neuronal insulin resistance. Molecular Biology of the Cell, 2012, 23, 3882-3898.	2.1	92
157	Endoplasmic Reticulum Stress Impairs Insulin Signaling through Mitochondrial Damage in SH-SY5Y Cells. NeuroSignals, 2012, 20, 265-280.	0.9	35
159	The neurobiology of food intake in an obesogenic environment. Proceedings of the Nutrition Society, 2012, 71, 478-487.	1.0	232
160	Current advances in ER stress intervention therapies. , 2012, , 429-445.		0
161	Protein-Folding Homeostasis in the Endoplasmic Reticulum and Nutritional Regulation. Cold Spring Harbor Perspectives in Biology, 2012, 4, a013177-a013177.	5.5	95
162	Divalent Metal Transporter 1 Regulates Iron-Mediated ROS and Pancreatic Î² Cell Fate in Response to Cytokines. Cell Metabolism, 2012, 16, 449-461.	16.2	133
163	The cellular and signaling networks linking the immune system and metabolism in disease. Nature Medicine, 2012, 18, 363-374.	30.7	1,321
164	Many mouths to feed: The control of food intake during lactation. Frontiers in Neuroendocrinology, 2012, 33, 301-314.	5.2	40
165	Comment on: Diet-induced obesity associated with steatosis, oxidative stress and inflammation in liver. Surgery for Obesity and Related Diseases, 2012, 8, 81-83.	1.2	0
166	Diet-induced obesity associated with steatosis, oxidative stress, and inflammation in liver. Surgery for Obesity and Related Diseases, 2012, 8, 73-81.	1.2	26
167	Leptin revisited: its mechanism of action and potential for treating diabetes. Nature Reviews Drug Discovery, 2012, 11, 692-708.	46.4	232

#	Article	IF	Citations
168	Hypothalamic dysfunction in obesity. Proceedings of the Nutrition Society, 2012, 71, 521-533.	1.0	108
169	Endoplasmic reticulum stress, obesity and diabetes. Trends in Molecular Medicine, 2012, 18, 59-68.	6.7	559
170	Focal adhesion kinase negatively regulates neuronal insulin resistance. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1030-1037.	3.8	21
171	Central Nervous System Mechanisms Linking the Consumption of Palatable High-Fat Diets to the Defense of Greater Adiposity. Cell Metabolism, 2012, 15, 137-149.	16.2	95
172	Challenges and Opportunities of Defining Clinical Leptin Resistance. Cell Metabolism, 2012, 15, 150-156.	16.2	201
173	Lipid Sensing and Insulin Resistance in the Brain. Cell Metabolism, 2012, 15, 646-655.	16.2	70
174	Gut-central nervous system axis is a target for nutritional therapies. Nutrition Journal, 2012, 11, 22.	3.4	31
175	The interplay between endoplasmic reticulum stress and inflammation. Immunology and Cell Biology, 2012, 90, 260-270.	2.3	226
176	IKKÎ²/NF-Î°B disrupts adult hypothalamic neural stem cells to mediate a neurodegenerative mechanism of dietary obesity and pre-diabetes. Nature Cell Biology, 2012, 14, 999-1012.	10.3	312
177	A potential link between obesity and neural stem cell dysfunction. Nature Cell Biology, 2012, 14, 987-989.	10.3	6
178	Molecular pathways linking metabolic inflammation and thermogenesis. Obesity Reviews, 2012, 13, 69-82.	6.5	18
179	Caloric Restriction Chronically Impairs Metabolic Programming in Mice. Diabetes, 2012, 61, 2734-2742.	0.6	30
180	The nuclear factor kappa B signaling pathway: integrating metabolism with inflammation. Trends in Cell Biology, 2012, 22, 557-566.	7.9	374
181	Involvement of protein tyrosine phosphatases and inflammation in hypothalamic insulin resistance associated with ageing: Effect of caloric restriction. Mechanisms of Ageing and Development, 2012, 133, 489-497.	4.6	22
182	The Effects of Chromium Picolinate and Chromium Histidinate Administration on NF-Î°B and Nrf2/HO-1 Pathway in the Brain of Diabetic Rats. Biological Trace Element Research, 2012, 150, 291-296.	3.5	38
183	Regulation of Food Intake, Energy Balance, and Body Fat Mass: Implications for the Pathogenesis and Treatment of Obesity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 745-755.	3.6	219
184	Brown Rice and Its Component, Î³-Oryzanol, Attenuate the Preference for High-Fat Diet by Decreasing Hypothalamic Endoplasmic Reticulum Stress in Mice. Diabetes, 2012, 61, 3084-3093.	0.6	87
185	Novel Regulatory Mechanisms for Generation of the Soluble Leptin Receptor: Implications for Leptin Action. PLoS ONE, 2012, 7, e34787.	2.5	59

#	Article	IF	Citations
186	Alterations in Mouse Hypothalamic Adipokine Gene Expression and Leptin Signaling following Chronic Spinal Cord Injury and with Advanced Age. PLoS ONE, 2012, 7, e41073.	2.5	16
187	Identification and association analysis of several hundred single nucleotide polymorphisms within candidate genes for back fat thickness in Italian Large White pigs using a selective genotyping approach1. Journal of Animal Science, 2012, 90, 2450-2464.	0.5	65
188	Inflammatory cause of metabolic syndrome via brain stress and NF-ÎºB. Aging, 2012, 4, 98-115.	3.1	159
189	Fluvoxamine Attenuated Endoplasmic Reticulum Stress-Induced Leptin Resistance. Frontiers in Endocrinology, 2012, 3, 12.	3.5	20
190	The Heart and Medicine: Exploring the Interconnectedness of Cardiometabolic-related Concerns through a Systems Biology Approach. Global Advances in Health and Medicine, 2012, 1, 38-45.	1.6	0
191	Hypothalamic Akt PKB signaling in regulation of food intake. Frontiers in Bioscience - Scholar, 2012, S4, 953-966.	2.1	10
192	Molecular Mechanisms of Appetite Regulation. Diabetes and Metabolism Journal, 2012, 36, 391.	4.7	101
193	Sirtuins mediate mammalian metabolic responses to nutrient availability. Nature Reviews Endocrinology, 2012, 8, 287-296.	9.6	288
194	Differential Insulin Receptor Substrate-1 (IRS1)-Related Modulation of Neuropeptide Y and Proopiomelanocortin Expression in Nondiabetic and Diabetic IRS2âˆ'/âˆ' Mice. Endocrinology, 2012, 153, 1129-1140.	2.8	17
195	Is Insulin Action in the Brain Clinically Relevant?. Diabetes, 2012, 61, 773-775.	0.6	15
196	Linking Inflammation to the Brain-Liver Axis. Diabetes, 2012, 61, 1350-1352.	0.6	16
197	Inhibition of Hypothalamic Inflammation Reverses Diet-Induced Insulin Resistance in the Liver. Diabetes, 2012, 61, 1455-1462.	0.6	185
198	TNFÎ± increases hypothalamic PTP1B activity via the NFÎºB pathway in rat hypothalamic organotypic cultures. Regulatory Peptides, 2012, 174, 58-64.	1.9	31
199	Intake of trans fatty acids during gestation and lactation leads to hypothalamic inflammation via TLR4/NFÎºBp65 signaling in adult offspring. Journal of Nutritional Biochemistry, 2012, 23, 265-271.	4.2	59
200	High-fat diets rich in soy or fish oil distinctly alter hypothalamic insulin signaling in rats. Journal of Nutritional Biochemistry, 2012, 23, 822-828.	4.2	26
201	Exercise protects against high-fat diet-induced hypothalamic inflammation. Physiology and Behavior, 2012, 106, 485-490.	2.1	97
202	Estrogens, inflammation and obesity: an overview. Frontiers in Biology, 2012, 7, 40-47.	0.7	17
203	Deletion of C/EBP homologous protein (Chop) in C57Bl/6 mice dissociates obesity from insulin resistance. Diabetologia, 2012, 55, 1167-1178.	6.3	67

#	Article	IF	Citations
204	A novel major histocompatibility complex locus confers the risk of premature coronary artery disease in a Chinese Han population. Molecular Biology Reports, 2013, 40, 3649-3654.	2.3	3
206	Exercise training improve leptin sensitivity in peripheral tissue of obese rats. Biochemical and Biophysical Research Communications, 2013, 435, 454-459.	2.1	36
207	Hypothalamic Inflammation: Marker or Mechanism of Obesity Pathogenesis?. Diabetes, 2013, 62, 2629-2634.	0.6	175
208	Innate sensors of pathogen and stress: Linking inflammation to obesity. Journal of Allergy and Clinical Immunology, 2013, 132, 287-294.	2.9	186
209	Understanding the somatic consequences of depression: biological mechanisms and the role of depression symptom profile. BMC Medicine, 2013, 11, 129.	5.5	550
210	Brain Insulin and Leptin Signaling in Metabolic Control. Endocrinology and Metabolism Clinics of North America, 2013, 42, 109-125.	3.2	12
211	A novel chemical uncoupler ameliorates obesity and related phenotypes in mice with diet-induced obesity by modulating energy expenditure and food intake. Diabetologia, 2013, 56, 2297-2307.	6.3	31
212	Nuclear factor ÎºB (NF-ÎºB) suppresses food intake and energy expenditure in mice by directly activating the Pomc promoter. Diabetologia, 2013, 56, 925-936.	6.3	51
213	Brain regulation of energy balance and body weight. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 387-407.	5.7	128
214	Role of hypothalamic autophagy in the control of whole body energy balance. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 377-386.	5.7	9
215	Is obesity a brain disease?. Neuroscience and Biobehavioral Reviews, 2013, 37, 2489-2503.	6.1	99
217	Insulin and glucagon signaling in the central nervous system. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 365-375.	5.7	36
218	Physiology and Physiopathology of Adipose Tissue. , 2013, , .		6
219	A new horizon: oxytocin as a novel therapeutic option for obesity and diabetes. Drug Discovery Today Disease Mechanisms, 2013, 10, e63-e68.	0.8	31
220	The role of neuronal AMPK as a mediator of nutritional regulation of food intake and energy homeostasis. Metabolism: Clinical and Experimental, 2013, 62, 171-178.	3.4	46
221	Type 2 Diabetes Mellitus. Dermatologic Clinics, 2013, 31, 495-506.	1.7	23
222	High-fat diet feeding causes rapid, non-apoptotic cleavage of caspase-3 in astrocytes. Brain Research, 2013, 1512, 97-105.	2.2	36
223	Disruption of neurogenesis by hypothalamic inflammation in obesity or aging. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 351-356.	5.7	28

#	Article	IF	Citations
224	GABA Type B Receptor Signaling in Proopiomelanocortin Neurons Protects Against Obesity, Insulin Resistance, and Hypothalamic Inflammation in Male Mice on a High-Fat Diet. Journal of Neuroscience, 2013, 33, 17166-17173.	3.6	51
225	Dietâ€induced obesity induces endoplasmic reticulum stress and insulin resistance in the amygdala of rats. FEBS Open Bio, 2013, 3, 443-449.	2.3	61
226	Antimicrobial peptide elicitors: New hope for the post-antibiotic era. Innate Immunity, 2013, 19, 227-241.	2.4	34
227	Preclinical models of stroke in aged animals with or without comorbidities: role of neuroinflammation. Biogerontology, 2013, 14, 651-662.	3.9	63
228	Teasaponin Reduces Inflammation and Central Leptin Resistance in Diet-Induced Obese Male Mice. Endocrinology, 2013, 154, 3130-3140.	2.8	50
229	Yerba mate extract (Ilex paraguariensis) attenuates both central and peripheral inflammatory effects of diet-induced obesity in rats. Journal of Nutritional Biochemistry, 2013, 24, 809-818.	4.2	59
230	Mitofusin 2 in POMC Neurons Connects ER Stress with Leptin Resistance and Energy Imbalance. Cell, 2013, 155, 172-187.	28.9	429
231	Dim Light at Night Exaggerates Weight Gain and Inflammation Associated With a High-Fat Diet in Male Mice. Endocrinology, 2013, 154, 3817-3825.	2.8	96
232	CNS insulin signaling in the control of energy homeostasis and glucose metabolism â€“ from embryo to old age. Trends in Endocrinology and Metabolism, 2013, 24, 76-84.	7.1	161
233	Regional astrogliosis in the mouse hypothalamus in response to obesity. Journal of Comparative Neurology, 2013, 521, 1322-1333.	1.6	125
234	Pleiotropic Actions of Insulin Resistance and Inflammation in Metabolic Homeostasis. Science, 2013, 339, 172-177.	12.6	541
235	Innate immune activation in obesity. Molecular Aspects of Medicine, 2013, 34, 12-29.	6.4	127
236	Modulation of AgRP-neuronal function by SOCS3 as an initiating event in diet-induced hypothalamic leptin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E697-706.	7.1	115
237	Does diet composition have structural consequences in the hypothalamus?. Molecular Metabolism, 2013, 2, 58-59.	6.5	1
238	Modelling hypothalamic pathways in diabetes and obesity. Drug Discovery Today: Disease Models, 2013, 10, e95-e100.	1.2	0
239	Neuroinflammatory basis of metabolic syndrome. Molecular Metabolism, 2013, 2, 356-363.	6.5	123
240	Evidence for Central Regulation of Glucose Metabolism. Journal of Biological Chemistry, 2013, 288, 34981-34988.	3.4	37
241	Diet-induced obesity reprograms the inflammatory response of the murine lung to inhaled endotoxin. Toxicology and Applied Pharmacology, 2013, 267, 137-148.	2.8	18

#	Article	IF	Citations
242	Metabolic transceivers: in tune with the central melanocortin system. Trends in Endocrinology and Metabolism, 2013, 24, 68-75.	7.1	19
243	Expression of neuropeptide Y and agouti-related protein mRNA stimulated by glucocorticoids is attenuated via NF-ÎºB p65 under ER stress in mouse hypothalamic cultures. Neuroscience Letters, 2013, 553, 165-169.	2.1	9
244	Cross-talk between SIRT1 and p66Shc in vascular diseases. Trends in Cardiovascular Medicine, 2013, 23, 237-241.	4.9	46
245	The Immune System as a Sensor of the Metabolic State. Immunity, 2013, 38, 644-654.	14.3	194
246	Neuroimmune communication in hypertension and obesity: A new therapeutic angle?. , 2013, 138, 428-440.		41
247	Perinatal high fat diet alters glucocorticoid signaling and anxiety behavior in adulthood. Neuroscience, 2013, 240, 1-12.	2.3	161
248	Hypothalamic programming of systemic ageing involving IKK-Î², NF-ÎºB and GnRH. Nature, 2013, 497, 211-216.	27.8	738
249	Metabolic inflammation: Connecting obesity and insulin resistance. Annals of Medicine, 2013, 45, 242-253.	3.8	144
250	Impact of Proinflammatory Cytokines on Adipocyte Insulin Signaling. , 2013, , 297-315.		0
251	Innate Immune Receptors: Key Regulators of Metabolic Disease Progression. Cell Metabolism, 2013, 17, 873-882.	16.2	155
252	Hypothalamic neuronal toll-like receptor 2 protects against age-induced obesity. Scientific Reports, 2013, 3, 1254.	3.3	33
253	Interleukin-1 antagonists for diabetes. Expert Opinion on Investigational Drugs, 2013, 22, 965-979.	4.1	13
254	Arachidonic acid and lipoxin A4 as possible endogenous anti-diabetic molecules. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 201-210.	2.2	76
255	Purple sweet potato color attenuates hepatic insulin resistance via blocking oxidative stress and endoplasmic reticulum stress in high-fat-diet-treated mice. Journal of Nutritional Biochemistry, 2013, 24, 1008-1018.	4.2	84
256	Hypothalamic glucagon signaling inhibits hepatic glucose production. Nature Medicine, 2013, 19, 766-772.	30.7	99
257	Hepatitis C virus infection activates an innate pathway involving IKK-Î± in lipogenesis and viral assembly. Nature Medicine, 2013, 19, 722-729.	30.7	167
258	Leptin signaling and leptin resistance. Frontiers of Medicine, 2013, 7, 207-222.	3.4	302
259	Molecular mechanisms of central leptin resistance in obesity. Archives of Pharmacal Research, 2013, 36, 201-207.	6.3	105

#	Article	IF	Citations
260	Antagonistic crosstalk between NF-Î°B and SIRT1 in the regulation of inflammation and metabolic disorders. Cellular Signalling, 2013, 25, 1939-1948.	3.6	749
261	Natural food science based novel approach toward prevention and treatment of obesity and type 2 diabetes: Recent studies on brown rice and Î³-oryzanol. Obesity Research and Clinical Practice, 2013, 7, e165-e172.	1.8	71
262	Targeting lipid sensing in the central nervous system: new therapy against the development of obesity and type 2 diabetes. Expert Opinion on Therapeutic Targets, 2013, 17, 545-555.	3.4	17
263	Neuroinflammation and neurodegeneration in overnutrition-induced diseases. Trends in Endocrinology and Metabolism, 2013, 24, 40-47.	7.1	217
264	Hypothalamic Astrocytes in Obesity. Endocrinology and Metabolism Clinics of North America, 2013, 42, 57-66.	3.2	66
265	Pathological parainflammation and endoplasmic reticulum stress in depression: potential translational targets through the CNS insulin, klotho and PPAR-Î³ systems. Molecular Psychiatry, 2013, 18, 154-165.	7.9	104
266	Neuroendocrine and Cardiac Metabolic Dysfunction and NLRP3 Inflammasome Activation in Adipose Tissue and Pancreas following Chronic Spinal Cord Injury in the Mouse. ASN Neuro, 2013, 5, AN20130021.	2.7	27
267	Central administration of metformin into the third ventricle of C57BL/6 mice decreases meal size and number and activates hypothalamic S6 kinase. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R499-R505.	1.8	19
268	Hypothalamic Inflammation Without Astrogliosis in Response to High Sucrose Intake Is Modulated by Neonatal Nutrition in Male Rats. Endocrinology, 2013, 154, 2318-2330.	2.8	34
269	PAQR3 Has Modulatory Roles in Obesity, Energy Metabolism, and Leptin Signaling. Endocrinology, 2013, 154, 4525-4535.	2.8	38
270	Central Activating Transcription Factor 4 (ATF4) Regulates Hepatic Insulin Resistance in Mice via S6K1 Signaling and the Vagus Nerve. Diabetes, 2013, 62, 2230-2239.	0.6	38
271	Neuroinflammation in Overnutrition-Induced Diseases. Vitamins and Hormones, 2013, 91, 195-218.	1.7	17
272	Deficiency of p62/Sequestosome 1 Causes Hyperphagia Due to Leptin Resistance in the Brain. Journal of Neuroscience, 2013, 33, 14767-14777.	3.6	55
273	Implication of inflammatory signaling pathways in obesity-induced insulin resistance. Frontiers in Endocrinology, 2012, 3, 181.	3.5	147
274	Duration of rise in free fatty acids determines salicylate's effect on hepatic insulin sensitivity. Journal of Endocrinology, 2013, 217, 31-43.	2.6	11
275	Astrocytes: new targets of melanocortin 4 receptor actions. Journal of Molecular Endocrinology, 2013, 51, R33-R50.	2.5	35
276	Deletion of Selenoprotein M Leads to Obesity without Cognitive Deficits. Journal of Biological Chemistry, 2013, 288, 26121-26134.	3.4	99
277	Adipokines Mediate Inflammation and Insulin Resistance. Frontiers in Endocrinology, 2013, 4, 71.	3.5	463

#	Article	IF	Citations
278	Coordinated Regulation of Hepatic Energy Stores by Leptin and Hypothalamic Agouti-Related Protein. Journal of Neuroscience, 2013, 33, 11972-11985.	3.6	9
279	Aberrant Endoplasmic Reticulum Stress in Vascular Smooth Muscle Increases Vascular Contractility and Blood Pressure in Mice Deficient of AMP-Activated Protein Kinase-Î±2 In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 595-604.	2.4	66
280	Hypothalamic Ceramide Levels Regulated by CPT1C Mediate the Orexigenic Effect of Ghrelin. Diabetes, 2013, 62, 2329-2337.	0.6	82
281	Leptin's Role in Lipodystrophic and Nonlipodystrophic Insulin-Resistant and Diabetic Individuals. Endocrine Reviews, 2013, 34, 377-412.	20.1	212
282	Celastrol, an NF-ÎºB Inhibitor, Improves Insulin Resistance and Attenuates Renal Injury in db/db Mice. PLoS ONE, 2013, 8, e62068.	2.5	120
283	Binge Drinking Induces Whole-Body Insulin Resistance by Impairing Hypothalamic Insulin Action. Science Translational Medicine, 2013, 5, 170ra14.	12.4	79
284	Neuronal Androgen Receptor Regulates Insulin Sensitivity via Suppression of Hypothalamic NF-ÎºBâ€"Mediated PTP1B Expression. Diabetes, 2013, 62, 411-423.	0.6	67
285	Acute exercise suppresses hypothalamic PTP1B protein level and improves insulin and leptin signaling in obese rats. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E649-E659.	3.5	28
286	Acute Inhibition of Central câ€Jun Nâ€terminal Kinase Restores Hypothalamic Insulin Signalling and Alleviates Glucose Intolerance in Diabetic Mice. Journal of Neuroendocrinology, 2013, 25, 446-454.	2.6	28
287	Lowâ€density lipoprotein receptorâ€related protein 1 variant interacts with saturated fatty acids in puerto ricans. Obesity, 2013, 21, 602-608.	3.0	7
288	Control of Energy Balance by Hypothalamic Gene Circuitry Involving Two Nuclear Receptors, Neuron-Derived Orphan Receptor 1 and Glucocorticoid Receptor. Molecular and Cellular Biology, 2013, 33, 3826-3834.	2.3	12
289	Hypothalamic inflammation and GnRH in aging development. Cell Cycle, 2013, 12, 2711-2712.	2.6	18
290	The Peroxisome Proliferator-activated Receptor Î³ Coactivator 1Î±/Î² (PGC-1) Coactivators Repress the Transcriptional Activity of NF-ÎºB in Skeletal Muscle Cells. Journal of Biological Chemistry, 2013, 288, 2246-2260.	3.4	159
291	Mechanisms of chronic JAK-STAT3-SOCS3 signaling in obesity. Jak-stat, 2013, 2, e23878.	2.2	116
293	Metabolic disturbances connecting obesity and depression. Frontiers in Neuroscience, 2013, 7, 177.	2.8	232
295	Alzheimerâ€™s disease and insulin resistance: translating basic science into clinical applications. Journal of Clinical Investigation, 2013, 123, 531-539.	8.2	285
296	Treatment of Obesity and Diabetes Using Oxytocin or Analogs in Patients and Mouse Models. PLoS ONE, 2013, 8, e61477.	2.5	170
297	CNS Control of Glucose Metabolism: Response to Environmental Challenges. Frontiers in Neuroscience, 2013, 7, 20.	2.8	37

#	Article	IF	Citations
298	Dietary Omega-3 Fatty Acid Deficiency and High Fructose Intake in the Development of Metabolic Syndrome, Brain Metabolic Abnormalities, and Non-Alcoholic Fatty Liver Disease. Nutrients, 2013, 5, 2901-2923.	4.1	112
299	High-Fat Fish Oil Diet Prevents Hypothalamic Inflammatory Profile in Rats. ISRN Inflammation, 2013, 2013, 1-7.	4.9	23
301	Macrophage Depletion Disrupts Immune Balance and Energy Homeostasis. PLoS ONE, 2014, 9, e99575.	2.5	20
302	Monoclonal Antibody Targeting of Fibroblast Growth Factor Receptor 1c Ameliorates Obesity and Glucose Intolerance via Central Mechanisms. PLoS ONE, 2014, 9, e112109.	2.5	22
303	Increasing Fatty Acid Oxidation Remodels the Hypothalamic Neurometabolome to Mitigate Stress and Inflammation. PLoS ONE, 2014, 9, e115642.	2.5	52
304	Diabetes and the Brain: Oxidative Stress, Inflammation, and Autophagy. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	4.0	325
305	Regulation of Energy Homeostasis via GPR120. Frontiers in Endocrinology, 2014, 5, 111.	3.5	38
306	The contribution of hypothalamic macroglia to the regulation of energy homeostasis. Frontiers in Systems Neuroscience, 2014, 8, 212.	2.5	11
307	Central Ceramide-Induced Hypothalamic Lipotoxicity and ER Stress Regulate Energy Balance. Cell Reports, 2014, 9, 366-377.	6.4	195
308	Replication of Obesity and Associated Signaling Pathways Through Transfer of Microbiota From Obese-Prone Rats. Diabetes, 2014, 63, 1624-1636.	0.6	171
309	Central IKKÎ² inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. Particle and Fibre Toxicology, 2014, 11, 53.	6.2	78
310	Hyperlipidemic Diet Causes Loss of Olfactory Sensory Neurons, Reduces Olfactory Discrimination, and Disrupts Odor-Reversal Learning. Journal of Neuroscience, 2014, 34, 6970-6984.	3.6	122
311	Insulin Signals Through the Dorsal Vagal Complex to Regulate Energy Balance. Diabetes, 2014, 63, 892-899.	0.6	31
312	Leptin Mediates the Increase in Blood Pressure Associated with Obesity. Cell, 2014, 159, 1404-1416.	28.9	288
313	Activating internal ribosome entry to treat Duchenne muscular dystrophy. Nature Medicine, 2014, 20, 987-988.	30.7	3
314	Nutritional Recovery Promotes Hypothalamic Inflammation in Rats during Adulthood. Mediators of Inflammation, 2014, 2014, 1-9.	3.0	8
315	NF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold">Îº</mml:mi></mml:mrow></mml:math>B Mediated Regulation of Adult Hippocampal Neurogenesis: Relevance to Mood Disorders and Antidepressant Activity. BioMed Research International, 2014, 2014, 1-11.	1.9	55
316	Hypothalamic PGC-1Î± Protects Against High-Fat Diet Exposure by Regulating ERÎ±. Cell Reports, 2014, 9, 633-645.	6.4	159

#	Article	IF	Citations
317	Stress Hyperglycemia, Insulin Treatment, and Innate Immune Cells. International Journal of Endocrinology, 2014, 2014, 1-9.	1.5	96
318	Adipocyte-Specific IKKÎ² Signaling Suppresses Adipose Tissue Inflammation through an IL-13-Dependent Paracrine Feedback Pathway. Cell Reports, 2014, 9, 1574-1583.	6.4	48
319	Distinct Roles for JNK and IKK Activation in Agouti-Related Peptide Neurons in the Development of Obesity and Insulin Resistance. Cell Reports, 2014, 9, 1495-1506.	6.4	87
320	Flurbiprofen ameliorated obesity by attenuating leptin resistance induced by endoplasmic reticulum stress. EMBO Molecular Medicine, 2014, 6, 335-346.	6.9	39
321	Chronic unpredictable stress regulates visceral adipocyte-mediated glucose metabolism and inflammatory circuits in male rats. Physiological Reports, 2014, 2, e00284.	1.7	22
322	Interferon regulatory factor 3 constrains IKKÎ²/NF-Î¹B signaling to alleviate hepatic steatosis and insulin resistance. Hepatology, 2014, 59, 870-885.	7.3	129
323	PO351 CABENOXOLONE PREVENTS ER STRESS INDUCED APOPTOSIS IN HYPOTHALAMIC NEURON. Diabetes Research and Clinical Practice, 2014, 106, S226-S227.	2.8	0
324	Interleukinâ€6 deletion in mice driven by a<scp>P</scp>2â€<scp>C</scp>reâ€<scp>ERT</scp>2 prevents against highâ€fat dietâ€induced gain weight and adiposity in female mice. Acta Physiologica, 2014, 211, 585-596.	3.8	13
325	Septic encephalopathy: when cytokines interact with acetylcholine in the brain. Military Medical Research, 2014, 1, 20.	3.4	30
326	Adipose Tissue as an Endocrine Organ. , 2014, , 229-237.		16
327	Microglia Dictate the Impact of Saturated Fat Consumption on Hypothalamic Inflammation and Neuronal Function. Cell Reports, 2014, 9, 2124-2138.	6.4	468
328	The Effects of Diet, Exercise, and Sleep on Brain Metabolism and Function. , 2014, , 1-42.		1
329	Obesity induced by a high-fat diet is associated with increased immune cell entry into the central nervous system. Brain, Behavior, and Immunity, 2014, 35, 33-42.	4.1	172
331	Obesity induces neuroinflammation mediated by altered expression of the reninâ€“angiotensin system in mouse forebrain nuclei. Physiology and Behavior, 2014, 136, 31-38.	2.1	58
332	Ilex paraguariensis (yerba mate) improves endocrine and metabolic disorders in obese rats primed by early weaning. European Journal of Nutrition, 2014, 53, 73-82.	3.9	29
333	Potential role of omegaâ€3â€derived resolution mediators in metabolic inflammation. Immunology and Cell Biology, 2014, 92, 324-330.	2.3	16
334	Crosstalk Between Insulin and Toll-like Receptor Signaling Pathways in the Central Nervous system. Molecular Neurobiology, 2014, 50, 797-810.	4.0	20
335	The paradox of neuronal insulin action and resistance in the development of agingâ€associated diseases. Alzheimer's and Dementia, 2014, 10, S3-11.	0.8	66

#	Article	IF	Citations
336	The molecular mechanisms underpinning the therapeutic properties of oleanolic acid, its isomer and derivatives for type 2 diabetes and associated complications. Molecular Nutrition and Food Research, 2014, 58, 1750-1759.	3.3	78
337	Advances in understanding the interrelations between leptin resistance and obesity. Physiology and Behavior, 2014, 130, 157-169.	2.1	177
338	Obesity and neuroinflammation: A pathway to cognitive impairment. Brain, Behavior, and Immunity, 2014, 42, 10-21.	4.1	561
339	Circadian disruption in the pathogenesis of metabolic syndrome. Diabetes and Metabolism, 2014, 40, 338-346.	2.9	105
340	Luteolin protects against high fat diet-induced cognitive deficits in obesity mice. Behavioural Brain Research, 2014, 267, 178-188.	2.2	147
341	IKKÎ² links vascular inflammation to obesity and atherosclerosis. Journal of Experimental Medicine, 2014, 211, 869-886.	8.5	55
342	Neurobiology of food intake in health and disease. Nature Reviews Neuroscience, 2014, 15, 367-378.	10.2	536
343	Integrative Weight Management. , 2014, , .		2
344	Recent Progress in Metabolic Signaling Pathways Regulating Aging and Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, S21-S27.	3.6	32
345	Autophagy in adipose tissue and the beta cell: implications for obesity and diabetes. Diabetologia, 2014, 57, 1505-1516.	6.3	86
346	Feed Your Head: Neurodevelopmental Control of Feeding and Metabolism. Annual Review of Physiology, 2014, 76, 197-223.	13.1	26
347	The association between leptin and depressive symptoms is modulated by abdominal adiposity. Psychoneuroendocrinology, 2014, 42, 1-10.	2.7	39
348	Leptin Signaling Is Required for Leucine Deprivation-enhanced Energy Expenditure. Journal of Biological Chemistry, 2014, 289, 1779-1787.	3.4	19
349	Leptin signaling regulates hypothalamic expression of nescient helix-loop-helix 2 (Nhlh2) through signal transducer and activator 3 (Stat3). Molecular and Cellular Endocrinology, 2014, 384, 134-142.	3.2	17
350	The neuropathology of obesity: insights from human disease. Acta Neuropathologica, 2014, 127, 3-28.	7.7	64
351	A Systems Biology Approach to Study Metabolic Syndrome. , 2014, , .		5
352	Cellular insulin resistance disrupts hypothalamic mHypoA-POMC/GFP neuronal signaling pathways. Journal of Endocrinology, 2014, 220, 13-24.	2.6	29
353	Fat sensing and metabolic syndrome. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 263-275.	5.7	8

#	Article	IF	Citations
354	Ghrelin Induces Leptin Resistance by Activation of Suppressor of Cytokine Signaling 3 Expression in Male Rats: Implications in Satiety Regulation. Endocrinology, 2014, 155, 3956-3969.	2.8	18
355	Hypertension in obesity: the role of hypothalamic inflammation. Nature Reviews Endocrinology, 2014, 10, 760-760.	9.6	3
356	Cytokines et rÃ©seau mÃ©tabolique : un nouveau paradigme de la diabÃ©sitÃ©. Revue Francophone Des Laboratoires, 2014, 2014, 39-46.	0.0	1
357	Suppressor of cytokine signalling (SOCS) proteins as guardians of inflammatory responses critical for regulating insulin sensitivity. Biochemical Journal, 2014, 461, 177-188.	3.7	76
358	Hypothalamic S1P/S1PR1 axis controls energy homeostasis. Nature Communications, 2014, 5, 4859.	12.8	57
359	Adipocytokines in obesity and metabolic disease. Journal of Endocrinology, 2014, 220, T47-T59.	2.6	551
360	Leptin and aging: Review and questions with particular emphasis on its role in the central regulation of energy balance. Journal of Chemical Neuroanatomy, 2014, 61-62, 248-255.	2.1	39
361	Fractalkine (CX3CL1) Is Involved in the Early Activation of Hypothalamic Inflammation in Experimental Obesity. Diabetes, 2014, 63, 3770-3784.	0.6	118
362	Inflammation, Defective Insulin Signaling, and Mitochondrial Dysfunction as Common Molecular Denominators Connecting Type 2 Diabetes to Alzheimer Disease. Diabetes, 2014, 63, 2262-2272.	0.6	462
363	Role of the Immune System in Obesity-Associated Inflammation and Insulin Resistance. , 2014, , 281-293.		1
364	Brain Iron Overload, Insulin Resistance, and Cognitive Performance in Obese Subjects: A Preliminary MRI Case-Control Study. Diabetes Care, 2014, 37, 3076-3083.	8.6	49
365	Hypothalamic inflammation and the central nervous system control of energy homeostasis. Molecular and Cellular Endocrinology, 2014, 397, 15-22.	3.2	31
366	Obesity- and aging-induced excess of central transforming growth factor-Î² potentiates diabetic development via an RNA stress response. Nature Medicine, 2014, 20, 1001-1008.	30.7	120
367	Androgen Receptor Roles in Insulin Resistance and Obesity in Males: The Linkage of Androgen-Deprivation Therapy to Metabolic Syndrome. Diabetes, 2014, 63, 3180-3188.	0.6	61
368	Fatty acid sensing in the gut and the hypothalamus: In vivo and in vitro perspectives. Molecular and Cellular Endocrinology, 2014, 397, 23-33.	3.2	39
369	PERK-Dependent Activation of JAK1 and STAT3 Contributes to Endoplasmic Reticulum Stress-Induced Inflammation. Molecular and Cellular Biology, 2014, 34, 3911-3925.	2.3	182
370	Atypical transforming growth factorâ€“Î² signaling in the hypothalamus is linked to diabetes. Nature Medicine, 2014, 20, 985-987.	30.7	15
371	Insulin Receptor Signaling in Normal and Insulin-Resistant States. Cold Spring Harbor Perspectives in Biology, 2014, 6, a009191-a009191.	5.5	1,058

#	Article	IF	Citations
372	Role of hypothalamic neurogenesis in feeding regulation. Trends in Endocrinology and Metabolism, 2014, 25, 80-88.	7.1	88
373	Dietary triglycerides act on mesolimbic structures to regulate the rewarding and motivational aspects of feeding. Molecular Psychiatry, 2014, 19, 1095-1105.	7.9	54
374	Xbp1s in Pomc Neurons Connects ER Stress with Energy Balance and Glucose Homeostasis. Cell Metabolism, 2014, 20, 471-482.	16.2	213
375	Activation of the omega-3 fatty acid receptor GPR120 mediates anti-inflammatory actions in immortalized hypothalamic neurons. Journal of Neuroinflammation, 2014, 11, 60.	7.2	90
376	Inflammasome activation and metabolic disease progression. Cytokine and Growth Factor Reviews, 2014, 25, 699-706.	7.2	26
377	Effects of Ilex paraguariensis (yerba mate) treatment on leptin resistance and inflammatory parameters in obese rats primed by early weaning. Life Sciences, 2014, 115, 29-35.	4.3	25
378	Green tea extract improves high fat diet-induced hypothalamic inflammation, without affecting the serotoninergic system. Journal of Nutritional Biochemistry, 2014, 25, 1084-1089.	4.2	30
379	IKKÎµ Is Key to Induction of Insulin Resistance in the Hypothalamus, and Its Inhibition Reverses Obesity. Diabetes, 2014, 63, 3334-3345.	0.6	43
380	Obesity and the Stress Connection: Mindâ€“Body Therapies for Weight Control. , 2014, , 413-421.		2
381	Defective Regulation of the Ubiquitin/Proteasome System in the Hypothalamus of Obese Male Mice. Endocrinology, 2014, 155, 2831-2844.	2.8	60
382	Caffeine attenuated ER stress-induced leptin resistance in neurons. Neuroscience Letters, 2014, 569, 23-26.	2.1	29
383	Quercetin inhibits AMPK/TXNIP activation and reduces inflammatory lesions to improve insulin signaling defect in the hypothalamus of high fructose-fed rats. Journal of Nutritional Biochemistry, 2014, 25, 420-428.	4.2	73
384	Fish oil improves learning impairments of diabetic rats by blocking PI3K/AKT/nuclear factor-ÎºB-mediated inflammatory pathways. Neuroscience, 2014, 258, 228-237.	2.3	37
385	AMPK activator-mediated inhibition of endoplasmic reticulum stress ameliorates carrageenan-induced insulin resistance through the suppression of selenoprotein P in HepG2 hepatocytes. Molecular and Cellular Endocrinology, 2014, 382, 66-73.	3.2	28
386	Control of obesity and glucose intolerance via building neural stem cells in the hypothalamus. Molecular Metabolism, 2014, 3, 313-324.	6.5	32
387	Metabolic syndrome induces inflammation and impairs gonadotropin-releasing hormone neurons in the preoptic area of the hypothalamus in rabbits. Molecular and Cellular Endocrinology, 2014, 382, 107-119.	3.2	83
388	Ceramide sensing in the hippocampus: The lipostatic theory and Ockham's razor. Molecular Metabolism, 2014, 3, 90-91.	6.5	8
389	Hypothalamic Gliosis Associated With High-Fat Diet Feeding Is Reversible in Mice: A Combined Immunohistochemical and Magnetic Resonance Imaging Study. Endocrinology, 2014, 155, 2858-2867.	2.8	83

#	Article	IF	Citations
390	Effect of docosahexaenoic acid on hippocampal neurons in high-glucose condition: Involvement of PI3K/AKT/nuclear factor-ÎºB-mediated inflammatory pathways. Neuroscience, 2014, 274, 218-228.	2.3	33
391	Perturbation of Hypothalamic MicroRNA Expression Patterns in Male Rats After Metabolic Distress: Impact of Obesity and Conditions of Negative Energy Balance. Endocrinology, 2014, 155, 1838-1850.	2.8	64
392	Chronic variable stress improves glucose tolerance in rats with sucrose-induced prediabetes. Psychoneuroendocrinology, 2014, 47, 178-188.	2.7	30
393	The role of hypothalamic estrogen receptors in metabolic regulation. Frontiers in Neuroendocrinology, 2014, 35, 550-557.	5.2	102
394	A novel hypothalamic protein regulated by high fat diet and leptin. Proceedings of the Nutrition Society, 2015, 74, .	1.0	1
395	Leptin induced GRP78 expression through the PI3K-mTOR pathway in neuronal cells. Scientific Reports, 2014, 4, 7096.	3.3	42
396	Pathophysiology of Metabolic Syndrome: Part Iâ€"Influence of Adiposity and Insulin Resistance. , 2015, , 17-32.		0
397	Brain signaling systems in the Type 2 diabetes and metabolic syndrome: promising target to treat and prevent these diseases. Future Science OA, 2015, 1, FSO25.	1.9	54
398	Acute Exercise Decreases Tribbles Homolog 3 Protein Levels in the Hypothalamus of Obese Rats. Medicine and Science in Sports and Exercise, 2015, 47, 1613-1623.	0.4	22
399	Hypothalamic inflammation and gliosis in obesity. Current Opinion in Endocrinology, Diabetes and Obesity, 2015, 22, 325-330.	2.3	123
400	Neonatal Nicotine Exposure Leads to Hypothalamic Gliosis in Adult Overweight Rats. Journal of Neuroendocrinology, 2015, 27, 887-898.	2.6	16
401	Mesolimbic lipid sensing and the regulation of feeding behaviour. OCL - Oilseeds and Fats, Crops and Lipids, 2015, 22, D407.	1.4	0
402	Role of Non-Neuronal Cells in Body Weight and Appetite Control. Frontiers in Endocrinology, 2015, 6, 42.	3.5	48
403	Age-Associated Weight Gain, Leptin, and SIRT1: A Possible Role for Hypothalamic SIRT1 in the Prevention of Weight Gain and Aging through Modulation of Leptin Sensitivity. Frontiers in Endocrinology, 2015, 6, 109.	3.5	53
404	Implications of mitochondrial dynamics on neurodegeneration and on hypothalamic dysfunction. Frontiers in Aging Neuroscience, 2015, 7, 101.	3.4	56
405	Role of neuroinflammation in the emotional and cognitive alterations displayed by animal models of obesity. Frontiers in Neuroscience, 2015, 9, 229.	2.8	138
406	Saturated Fatty Acids Modulate Autophagyâ€™s Proteins in the Hypothalamus. PLoS ONE, 2015, 10, e0119850.	2.5	49
407	Diet impact on mitochondrial bioenergetics and dynamics. Frontiers in Physiology, 2015, 6, 109.	2.8	151

#	Article	IF	Citations
408	Obesity-Driven Gut Microbiota Inflammatory Pathways to Metabolic Syndrome. Frontiers in Physiology, 2015, 6, 341.	2.8	31
409	N-3 Polyunsaturated Fatty Acids and Inflammation in Obesity: Local Effect and Systemic Benefit. BioMed Research International, 2015, 2015, 1-16.	1.9	48
410	Insulin and Leptin Signaling Interact in the Mouse Kiss1 Neuron during the Peripubertal Period. PLoS ONE, 2015, 10, e0121974.	2.5	45
411	Diabetes and Metabolic Syndrome. Molecular and Integrative Toxicology, 2015, , 213-239.	0.5	0
412	Biomarkers of Cardiometabolic Risk, Inflammation and Disease. , 2015, , .		4
413	Leptin Keeps Working, Even in Obesity. Cell Metabolism, 2015, 21, 791-792.	16.2	24
414	Endoplasmic reticulum and oxidant stress mediate nuclear factor-ÎºB activation in the subfornical organ during angiotensin II hypertension. American Journal of Physiology - Cell Physiology, 2015, 308, C803-C812.	4.6	27
415	Targeting sphingolipid metabolism in the treatment of obesity/type 2 diabetes. Expert Opinion on Therapeutic Targets, 2015, 19, 1037-1050.	3.4	46
416	Diet-induced obesity causes peripheral and central ghrelin resistance by promoting inflammation. Journal of Endocrinology, 2015, 226, 81-92.	2.6	78
417	Arachidonic acid impairs hypothalamic leptin signaling and hepatic energy homeostasis in mice. Molecular and Cellular Endocrinology, 2015, 412, 12-18.	3.2	26
419	Anti-dsDNA antibodies induce inflammation via endoplasmic reticulum stress in human mesangial cells. Journal of Translational Medicine, 2015, 13, 178.	4.4	30
420	Protective effect of carbenoxolone on ER stress-induced cell death in hypothalamic neurons. Biochemical and Biophysical Research Communications, 2015, 468, 793-799.	2.1	9
421	Hypothalamic Inflammation in the Control of Metabolic Function. Annual Review of Physiology, 2015, 77, 131-160.	13.1	151
422	Oxidative stress, a new hallmark in the pathophysiology of Lafora progressive myoclonus epilepsy. Free Radical Biology and Medicine, 2015, 88, 30-41.	2.9	28
423	Evidence for a novel functional role of astrocytes in the acute homeostatic response to high-fat diet intake in mice. Molecular Metabolism, 2015, 4, 58-63.	6.5	101
424	Central Inhibition of IKKÎ²/NF-ÎºB Signaling Attenuates High-Fat Dietâ€"Induced Obesity and Glucose Intolerance. Diabetes, 2015, 64, 2015-2027.	0.6	106
425	Beneficial metabolic activities of inflammatory cytokine interleukin 15 in obesity and type 2 diabetes. Frontiers of Medicine, 2015, 9, 139-145.	3.4	46
426	Leptin resistance in dietâ€induced obesity: the role of hypothalamic inflammation. Obesity Reviews, 2015, 16, 207-224.	6.5	165

#	Article	IF	Citations
427	Alzheimerâ€associated AÎ² oligomers impact the central nervous system to induce peripheral metabolic deregulation. EMBO Molecular Medicine, 2015, 7, 190-210.	6.9	176
428	Palmitic acid induces central leptin resistance and impairs hepatic glucose and lipid metabolism in male mice. Journal of Nutritional Biochemistry, 2015, 26, 541-548.	4.2	61
429	Strange metal without magnetic criticality. Science, 2015, 349, 506-509.	12.6	69
430	S-Nitrosylation links obesity-associated inflammation to endoplasmic reticulum dysfunction. Science, 2015, 349, 500-506.	12.6	189
431	Inflammation mÃ©tabolique et insulino-rÃ©sistance : Les connaissances actuelles. Medecine Des Maladies Metaboliques, 2015, 9, 279-291.	0.1	1
432	Metabolic Syndrome and Complications of Pregnancy. , 2015, , .		2
433	Drug targeting of leptin resistance. Life Sciences, 2015, 140, 64-74.	4.3	29
434	Insulin, Aging, and the Brain: Mechanisms and Implications. Frontiers in Endocrinology, 2015, 6, 13.	3.5	91
435	Diversity and plasticity of microglial cells in psychiatric and neurological disorders. , 2015, 154, 21-35.		148
436	Uric Acid Produces an Inflammatory Response through Activation of NF-Î²B in the Hypothalamus: Implications for the Pathogenesis of Metabolic Disorders. Scientific Reports, 2015, 5, 12144.	3.3	64
437	Metabolic factors-triggered inflammatory response drives antidepressant effects of exercise in CUMS rats. Psychiatry Research, 2015, 228, 257-264.	3.3	28
438	Chronic Sleep Fragmentation During the Sleep Period Induces Hypothalamic Endoplasmic Reticulum Stress and PTP1b-Mediated Leptin Resistance in Male Mice. Sleep, 2015, 38, 31-40.	1.1	70
439	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. FASEB Journal, 2015, 29, 3612-3625.	0.5	20
440	Hypothalamic ER stress: A bridge between leptin resistance and obesity. FEBS Letters, 2015, 589, 1678-1687.	2.8	56
441	Signalling Networks Governing Metabolic Inflammation. Handbook of Experimental Pharmacology, 2015, 233, 195-220.	1.8	8
442	IKK inhibition prevents PM2.5-exacerbated cardiac injury in mice with type 2 diabetes. Journal of Environmental Sciences, 2015, 31, 98-103.	6.1	14
443	The Metabolic Role of Saturated and Monounsaturated Dietary Fatty Acids. , 2015, , 203-210.		0
444	Can inflammation regulate systemic aging?. Experimental Gerontology, 2015, 67, 1-2.	2.8	8

#	Article	IF	Citations
445	TLR4 at the Crossroads of Nutrients, Gut Microbiota, and Metabolic Inflammation. Endocrine Reviews, 2015, 36, 245-271.	20.1	212
446	Neuroprotective effects of dietary restriction: Evidence and mechanisms. Seminars in Cell and Developmental Biology, 2015, 40, 106-114.	5.0	79
447	Hypothalamic innate immune reaction in obesity. Nature Reviews Endocrinology, 2015, 11, 339-351.	9.6	133
448	Rapid linkage of innate immunological signals to adaptive immunity by the brain-fat axis. Nature Immunology, 2015, 16, 525-533.	14.5	34
449	Clinical Effects of Caraway, a Traditional Medicine for Weight Loss. , 2015, , 339-362.		3
450	Roles of hepatic glucokinase in intertissue metabolic communication: Examination of novel liver-specific glucokinase knockout mice. Biochemical and Biophysical Research Communications, 2015, 460, 727-732.	2.1	9
451	GÎ± <sub›i1</sub› and GÎ± <sub›i3</sub› regulate macrophage polarization by forming a complex containing CD14 and Gab1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4731-4736.	7.1	39
452	Metabolic learning and memory formation by the brain influence systemic metabolic homeostasis. Nature Communications, 2015, 6, 6704.	12.8	25
453	New insights in leptin resistance mechanisms in mice. Frontiers in Neuroendocrinology, 2015, 39, 59-65.	5.2	85
454	Protein Tyrosine Phosphatases in Hypothalamic Insulin and Leptin Signaling. Trends in Pharmacological Sciences, 2015, 36, 661-674.	8.7	154
455	Toll-like receptor 4-induced endoplasmic reticulum stress contributes to impairment of vasodilator action of insulin. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E767-E776.	3.5	39
456	Possible involvement of 15â€deoxyâ€Î”<sup›12,14</sup› â€prostaglandin J<sub›2</sub› in the development of leptin resistance. Journal of Neurochemistry, 2015, 133, 343-351.	3.9	11
457	Anti-inflammatory Diets. Journal of the American College of Nutrition, 2015, 34, 14-21.	1.8	57
458	Stress Signaling Between Organs in Metazoa. Annual Review of Cell and Developmental Biology, 2015, 31, 497-522.	9.4	37
459	Differential expression of hypothalamic, metabolic and inflammatory genes in response to short-term calorie restriction in juvenile obese- and lean-prone JCR rats. Nutrition and Diabetes, 2015, 5, e178-e178.	3.2	6
460	Phlorofucofuroeckol B suppresses inflammatory responses by down-regulating nuclear factor ÎºB activation via Akt, ERK, and JNK in LPS-stimulated microglial cells. International Immunopharmacology, 2015, 28, 1068-1075.	3.8	40
461	Paternal BPA exposure in early life alters Igf2 epigenetic status in sperm and induces pancreatic impairment in rat offspring. Toxicology Letters, 2015, 238, 30-38.	0.8	62
462	The soluble leptin receptor. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 661-670.	4.7	76

#	Article	IF	Citations
463	Reduced Î±-MSH Underlies Hypothalamic ER-Stress-Induced Hepatic Gluconeogenesis. Cell Reports, 2015, 12, 361-370.	6.4	33
464	FTO is necessary for the induction of leptin resistance by high-fat feeding. Molecular Metabolism, 2015, 4, 287-298.	6.5	22
465	Emerging Role of Sirtuin 2 in the Regulation of Mammalian Metabolism. Trends in Pharmacological Sciences, 2015, 36, 756-768.	8.7	201
466	Diet, behavior and immunity across the lifespan. Neuroscience and Biobehavioral Reviews, 2015, 58, 46-62.	6.1	26
467	Regulation of energy balance by inflammation: Common theme in physiology and pathology. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 47-54.	5.7	110
468	Hypothalamic microinflammation: a common basis of metabolic syndrome and aging. Trends in Neurosciences, 2015, 38, 36-44.	8.6	81
469	Leptin treatment: Facts and expectations. Metabolism: Clinical and Experimental, 2015, 64, 146-156.	3.4	168
470	Delineating the regulation of energy homeostasis using hypothalamic cell models. Frontiers in Neuroendocrinology, 2015, 36, 130-149.	5.2	13
471	Inhibition of IKKÎ² Reduces Ethanol Consumption in C57BL/6J Mice. ENeuro, 2016, 3, ENEURO.0256-16.2016.	1.9	31
472	Fatty Acids and Hypothalamic Dysfunction in Obesity. , 2016, , 557-582.		0
473	Obesity Induced Metaflammation: Pathophysiology and Mitigation. Journal of Cytokine Biology, 2016, 01, .	1.5	1
474	Glucose Metabolism, Insulin, and Aging. , 2016, , 393-409.		4
475	Effects of an High-Fat Diet Enriched in Lard or in Fish Oil on the Hypothalamic Amp-Activated Protein Kinase and Inflammatory Mediators. Frontiers in Cellular Neuroscience, 2016, 10, 150.	3.7	40
476	High-fat diet-induced brain region-specific phenotypic spectrum of CNS resident microglia. Acta Neuropathologica, 2016, 132, 361-375.	7.7	172
477	Obesity and brain inflammation: a focus on multiple sclerosis. Obesity Reviews, 2016, 17, 211-224.	6.5	28
478	Neuroinflammatory and autonomic mechanisms in diabetes and hypertension. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E32-E41.	3.5	47
479	Key role of heat shock protein 90 in leptinâ€induced STAT3 activation and feeding regulation. British Journal of Pharmacology, 2016, 173, 2434-2445.	5.4	13
480	Targeting IÎºB kinase Î² in Adipocyte Lineage Cells for Treatment of Obesity and Metabolic Dysfunctions. Stem Cells, 2016, 34, 1883-1895.	3.2	24

#	Article	IF	Citations
481	The pathophysiology of defective proteostasis in the hypothalamus â€" from obesity to ageing. Nature Reviews Endocrinology, 2016, 12, 723-733.	9.6	74
482	Highâ€Cholesterol Diet Disrupts the Levels of Hormones Derived from Anterior Pituitary Basophilic Cells. Journal of Neuroendocrinology, 2016, 28, 12369.	2.6	11
483	Palmitic acid induces inflammation in hypothalamic neurons via ceramide synthesis. Proceedings of the Nutrition Society, 2016, 75, .	1.0	1
485	IEX-1 deficiency induces browning of white adipose tissue and resists diet-induced obesity. Scientific Reports, 2016, 6, 24135.	3.3	18
486	Hypothalamic activation is essential for endotoxemia-induced acute muscle wasting. Scientific Reports, 2016, 6, 38544.	3.3	9
487	Modifiable risk factors of Alzheimer's disease and neuroinflammation: what are the links?. Future Neurology, 2016, 11, 237-244.	0.5	3
488	Defective regulation of POMC precedes hypothalamic inflammation in diet-induced obesity. Scientific Reports, 2016, 6, 29290.	3.3	54
489	Leptin Mediates High-Fat Diet Sensitization of Angiotensin IIâ€"Elicited Hypertension by Upregulating the Brain Reninâ€"Angiotensin System and Inflammation. Hypertension, 2016, 67, 970-976.	2.7	89
490	Effects of Curcumin on Neuroinflammation in Animal Models and in Patients with Alzheimer Disease. , 2016, , 259-296.		5
491	Does obesity promote the development of colorectal cancer?. Expert Review of Anticancer Therapy, 2016, 16, 465-467.	2.4	7
492	Central leptin resistance and hypothalamic inflammation are involved in letrozole-induced polycystic ovary syndrome rats. Biochemical and Biophysical Research Communications, 2016, 476, 306-312.	2.1	24
493	Iron Regulation of Pancreatic Beta-Cell Functions and Oxidative Stress. Annual Review of Nutrition, 2016, 36, 241-273.	10.1	73
494	Bridges between mitochondrial oxidative stress, ER stress and mTOR signaling in pancreatic Î² cells. Cellular Signalling, 2016, 28, 1099-1104.	3.6	132
495	Diet-induced cellular neuroinflammation in the hypothalamus: Mechanistic insights from investigation of neurons and microglia. Molecular and Cellular Endocrinology, 2016, 438, 18-26.	3.2	39
496	Hypothalamus proteomics from mouse models with obesity and anorexia reveals therapeutic targets of appetite regulation. Nutrition and Diabetes, 2016, 6, e204-e204.	3.2	30
497	Dysregulated exocytosis of angiopoietin-2 drives cerebral cavernous malformation. Nature Medicine, 2016, 22, 971-973.	30.7	5
498	Obesity: will withaferin win the war?. Nature Medicine, 2016, 22, 970-971.	30.7	8
499	Cell Signaling and Stress Responses. Cold Spring Harbor Perspectives in Biology, 2016, 8, a006072.	5.5	334

#	Article	IF	Citations
500	Highâ€fat dietâ€induced downregulation of anorexic leukemia inhibitory factor in the brain stem. Obesity, 2016, 24, 2361-2367.	3.0	6
501	Orexin A attenuates palmitic acid-induced hypothalamic cell death. Molecular and Cellular Neurosciences, 2016, 75, 93-100.	2.2	22
502	Hypothalamus and thermogenesis: Heating the BAT, browning the WAT. Molecular and Cellular Endocrinology, 2016, 438, 107-115.	3.2	80
503	Voluntary exercise blocks Western diet-induced gene expression of the chemokines CXCL10 and CCL2 in the prefrontal cortex. Brain, Behavior, and Immunity, 2016, 58, 82-90.	4.1	26
504	Bardoxolone methyl prevents obesity and hypothalamic dysfunction. Chemico-Biological Interactions, 2016, 256, 178-187.	4.0	3
505	Inflammation: the Common Link in Brain Pathologies. , 2016, , .		1
506	Hypothalamic AMPK-induced autophagy increases food intake by regulating NPY and POMC expression. Autophagy, 2016, 12, 2009-2025.	9.1	86
507	Neuronal Rap1 Regulates Energy Balance, Glucose Homeostasis, and Leptin Actions. Cell Reports, 2016, 16, 3003-3015.	6.4	37
508	The brain leptin signaling system and its functional state in metabolic syndrome and type 2 diabetes mellitus. Journal of Evolutionary Biochemistry and Physiology, 2016, 52, 177-195.	0.6	6
509	Deciphering Brain Insulin Receptor and Insulinâ€Like Growth Factor 1 Receptor Signalling. Journal of Neuroendocrinology, 2016, 28, .	2.6	41
510	Hypothalamic TLR2 triggers sickness behavior via a microglia-neuronal axis. Scientific Reports, 2016, 6, 29424.	3.3	70
511	Obesity as a risk factor for malignant melanoma and non-melanoma skin cancer. Reviews in Endocrine and Metabolic Disorders, 2016, 17, 389-403.	5.7	56
512	Insulin enhanced leptin-induced STAT3 signaling by inducing GRP78. Scientific Reports, 2016, 6, 34312.	3.3	10
513	Arterial baroreflex control of sympathetic nerve activity and heart rate in patients with type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1170-H1179.	3.2	39
514	Uric Acid Induces Cognitive Dysfunction through Hippocampal Inflammation in Rodents and Humans. Journal of Neuroscience, 2016, 36, 10990-11005.	3.6	47
515	Inflammation Improves Glucose Homeostasis through IKKÎ²-XBP1s Interaction. Cell, 2016, 167, 1052-1066.e18.	28.9	77
516	Hypothalamic roles of mTOR complex I: integration of nutrient and hormone signals to regulate energy homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E994-E1002.	3.5	54
517	Lipid signaling and lipotoxicity in metaflammation: indications for metabolic disease pathogenesis and treatment. Journal of Lipid Research, 2016, 57, 2099-2114.	4.2	340

#	Article	IF	Citations
518	Central Leptin and Tumor Necrosis Factor-Î± (TNFÎ±) in Diurnal Control of Blood Pressure and Hypertension. Journal of Biological Chemistry, 2016, 291, 15131-15142.	3.4	22
519	Dietary triglycerides as signaling molecules that influence reward and motivation. Current Opinion in Behavioral Sciences, 2016, 9, 126-135.	3.9	12
520	Modulation of leptin resistance by food compounds. Molecular Nutrition and Food Research, 2016, 60, 1789-1803.	3.3	48
521	New therapeutic approaches for the treatment of obesity. Science Translational Medicine, 2016, 8, 323rv2.	12.4	78
522	Rare variant associations with waist-to-hip ratio in European-American and African-American women from the NHLBI-Exome Sequencing Project. European Journal of Human Genetics, 2016, 24, 1181-1187.	2.8	5
523	Leptin signalling pathways in hypothalamic neurons. Cellular and Molecular Life Sciences, 2016, 73, 1457-1477.	5.4	184
524	Leptin in normal physiology and leptin resistance. Science Bulletin, 2016, 61, 1480-1488.	9.0	30
525	Adipocyte Dysfunction, Inflammation, and Insulin Resistance in Obesity. , 2016, , 61-80.		1
526	Renaissance of leptin for obesity therapy. Diabetologia, 2016, 59, 920-927.	6.3	31
527	TAK1 determines susceptibility to endoplasmic reticulum stress and hypothalamic leptin resistance. Journal of Cell Science, 2016, 129, 1855-65.	2.0	11
528	MECHANISMS IN ENDOCRINOLOGY: Hypothalamic inflammation and nutrition. European Journal of Endocrinology, 2016, 175, R97-R105.	3.7	27
529	IKKÎ² Is Essential for Adipocyte Survival and Adaptive Adipose Remodeling in Obesity. Diabetes, 2016, 65, 1616-1629.	0.6	37
531	Linoleic acid and stearic acid elicit opposite effects on AgRP expression and secretion via TLR4-dependent signaling pathways in immortalized hypothalamic N38 cells. Biochemical and Biophysical Research Communications, 2016, 471, 566-571.	2.1	16
532	SOCS3 expression within leptin receptor-expressing cells regulates food intake and leptin sensitivity but does not affect weight gain in pregnant mice consuming a high-fat diet. Physiology and Behavior, 2016, 157, 109-115.	2.1	8
533	PKR is not obligatory for high-fat diet-induced obesity and its associated metabolic and inflammatory complications. Nature Communications, 2016, 7, 10626.	12.8	26
534	Insulin Resistance in Obesity. , 2016, , 479-504.		2
535	Therapeutic Potentials of Curcumin for Alzheimer Disease. , 2016, , .		13
536	Voluntary exercise improves hypothalamic and metabolic function in obese mice. Journal of Endocrinology, 2016, 229, 109-122.	2.6	63

#	Article	IF	Citations
537	Emerging role of the brain in the homeostatic regulation of energy and glucose metabolism. Experimental and Molecular Medicine, 2016, 48, e216-e216.	7.7	257
538	MECHANISMS IN ENDOCRINOLOGY: Metabolic and inflammatory pathways on the pathogenesis of type 2 diabetes. European Journal of Endocrinology, 2016, 174, R175-R187.	3.7	50
539	The central role of hypothalamic inflammation in the acute illness response and cachexia. Seminars in Cell and Developmental Biology, 2016, 54, 42-52.	5.0	110
540	Extracellular vesicles: Pharmacological modulators of the peripheral and central signals governing obesity. , 2016, 157, 65-83.		24
541	Metaflammatory responses during obesity: Pathomechanism and treatment. Obesity Research and Clinical Practice, 2016, 10, 103-113.	1.8	35
542	Hypothalamic stearoyl-CoA desaturase-2 (SCD2) controls whole-body energy expenditure. International Journal of Obesity, 2016, 40, 471-478.	3.4	19
543	n-3 Fatty Acids Induce Neurogenesis of Predominantly POMC-Expressing Cells in the Hypothalamus. Diabetes, 2016, 65, 673-686.	0.6	52
544	Leptin and Obesity. , 2016, , 45-58.		6
546	IL-10 gene transfer upregulates arcuate POMC and ameliorates hyperphagia, obesity and diabetes by substituting for leptin. International Journal of Obesity, 2016, 40, 425-433.	3.4	39
547	Triglyceride sensing in the reward circuitry: A new insight in feeding behaviour regulation. Biochimie, 2016, 120, 75-80.	2.6	16
548	Leptin Dysregulation Is Specifically Associated With Major Depression With Atypical Features: Evidence for a Mechanism Connecting Obesity and Depression. Biological Psychiatry, 2017, 81, 807-814.	1.3	147
549	Klotho Gene and Selective Serotonin Reuptake Inhibitors: Response to Treatment in Late-Life Major Depressive Disorder. Molecular Neurobiology, 2017, 54, 1340-1351.	4.0	28
550	Gut commensal Bacteroides acidifaciens prevents obesity and improves insulin sensitivity in mice. Mucosal Immunology, 2017, 10, 104-116.	6.0	310
551	Role of Adiposity-Driven Inflammation in Depressive Morbidity. Neuropsychopharmacology, 2017, 42, 115-128.	5.4	124
552	A seasonal switch in histone deacetylase gene expression in the hypothalamus and their capacity to modulate nuclear signaling pathways. Brain, Behavior, and Immunity, 2017, 61, 340-352.	4.1	15
553	Hypothalamic and inflammatory basis of hypertension. Clinical Science, 2017, 131, 211-223.	4.3	30
554	TRAIL facilitates cytokine expression and macrophage migration during hypoxia/reoxygenation via ER stress-dependent NF-ÎºB pathway. Molecular Immunology, 2017, 82, 123-136.	2.2	12
555	Leptin receptor knockout-induced depression-like behaviors and attenuated antidepressant effects of exercise are associated with STAT3/SOCS3 signaling. Brain, Behavior, and Immunity, 2017, 61, 297-305.	4.1	38

#	Article	IF	Citations
556	Inflammation and the Metabolic Syndrome: The Tissue-Specific Functions of NF-ÎºB. Trends in Cell Biology, 2017, 27, 417-429.	7.9	232
557	The cellular and molecular bases of leptin and ghrelin resistance in obesity. Nature Reviews Endocrinology, 2017, 13, 338-351.	9.6	304
558	<scp>AMP</scp>â€activated protein kinase (<scp>AMPK</scp>) activator <scp>A</scp>â€769662 increases intracellular calcium and <scp>ATP</scp> release from astrocytes in an <scp>AMPK</scp>â€independent manner. Diabetes, Obesity and Metabolism, 2017, 19, 997-1005.	4.4	23
559	Dynamin-Related Protein 1-Dependent Mitochondrial Fission Changes in the Dorsal Vagal Complex Regulate Insulin Action. Cell Reports, 2017, 18, 2301-2309.	6.4	47
560	EJE PRIZE 2017: Hypothalamic AMPK: a golden target against obesity?. European Journal of Endocrinology, 2017, 176, R235-R246.	3.7	53
561	Astrocyte IKKÎ²/NF-ÎºB signaling is required for diet-induced obesity and hypothalamic inflammation. Molecular Metabolism, 2017, 6, 366-373.	6.5	181
562	Deficiency of PTP1B Attenuates Hypothalamic Inflammation via Activation of the JAK2-STAT3 Pathway in Microglia. EBioMedicine, 2017, 16, 172-183.	6.1	50
563	Pharmacological Inhibition of c-Jun N-terminal Kinase Reduces Food Intake and Sensitizes Leptinâ€™s Anorectic Signaling Actions. Scientific Reports, 2017, 7, 41795.	3.3	21
564	Resolvin RvD2 reduces hypothalamic inflammation and rescues mice from diet-induced obesity. Journal of Neuroinflammation, 2017, 14, 5.	7.2	38
565	Inflammation, metaflammation and immunometabolic disorders. Nature, 2017, 542, 177-185.	27.8	1,502
566	Endoplasmic reticulum stress and the development of endothelial dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H355-H367.	3.2	80
567	Leptin, Neuroinflammation and Obesity. Frontiers of Hormone Research, 2017, 48, 84-96.	1.0	26
568	Nutritional approaches for managing obesity-associated metabolic diseases. Journal of Endocrinology, 2017, 233, R145-R171.	2.6	36
569	Macrophage functions in lean and obese adipose tissue. Metabolism: Clinical and Experimental, 2017, 72, 120-143.	3.4	220
570	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. Redox Biology, 2017, 12, 854-863.	9.0	74
571	Neural Programmatic Role of Leptin, TNFÎ±, Melanocortin, and Glutamate in Blood Pressure Regulation vs Obesity-Related Hypertension in Male C57BL/6 Mice. Endocrinology, 2017, 158, 1766-1775.	2.8	14
572	Temporal and regional onset of leptin resistance in dietâ€induced obese mice. Journal of Neuroendocrinology, 2017, 29, e12481.	2.6	17
573	Maternal high-fat diet induces metabolic stress response disorders in offspring hypothalamus. Journal of Molecular Endocrinology, 2017, 59, 81-92.	2.5	23

#	Article	IF	Citations
574	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	12.8	45
575	Neurological consequences of obesity. Lancet Neurology, The, 2017, 16, 465-477.	10.2	331
576	The DNA Damage Response in Neurons: Die by Apoptosis or Survive in a Senescence-Like State?. Journal of Alzheimer's Disease, 2017, 60, S107-S131.	2.6	89
577	Astrocytic Process Plasticity and IKKÎ²/NF-Îºb in Central Control of Blood Glucose, Blood Pressure, and Body Weight. Cell Metabolism, 2017, 25, 1091-1102.e4.	16.2	124
578	Neuronal control of peripheral insulin sensitivity and glucose metabolism. Nature Communications, 2017, 8, 15259.	12.8	157
579	Polyunsaturated fatty acid receptors, GPR40 and GPR120, are expressed in the hypothalamus and control energy homeostasis and inflammation. Journal of Neuroinflammation, 2017, 14, 91.	7.2	104
580	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. Diabetes, 2017, 66, 908-919.	0.6	127
581	The UPR ER : Sensor and Coordinator of Organismal Homeostasis. Molecular Cell, 2017, 66, 761-771.	9.7	227
582	Endoplasmic reticulum stress in the pathogenesis of hypertension. Experimental Physiology, 2017, 102, 869-884.	2.0	38
583	DRD2: Bridging the Genome and Ingestive Behavior. Trends in Cognitive Sciences, 2017, 21, 372-384.	7.8	40
584	Celastrol-Induced Nur77 Interaction with TRAF2 Alleviates Inflammation by Promoting Mitochondrial Ubiquitination and Autophagy. Molecular Cell, 2017, 66, 141-153.e6.	9.7	215
585	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. , 2017, 178, 109-122.		53
586	Obesity-associated extracellular mtDNA activates central TGFÎ² pathway to cause blood pressure increase. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E161-E174.	3.5	12
587	Central Regulation of Glucose Homeostasis. , 2017, 7, 741-764.		52
588	Obesity-Induced Neuroinflammation: Beyond the Hypothalamus. Trends in Neurosciences, 2017, 40, 237-253.	8.6	386
589	Circadian Rhythms in Adipose Tissue Physiology. , 2017, 7, 383-427.		44
590	Microglia activation due to obesity programs metabolic failure leading to type two diabetes. Nutrition and Diabetes, 2017, 7, e254-e254.	3.2	66
591	AAV-mediated IL-10 gene transfer counteracts inflammation in the hypothalamic arcuate nucleus and obesity induced by high-fat diet. Neuropeptides, 2017, 62, 87-92.	2.2	16

#	Article	IF	Citations
592	Ire1Î± in Pomc Neurons Is Required for Thermogenesis and Glycemia. Diabetes, 2017, 66, 663-673.	0.6	38
593	Amylin and Leptin: Co-Regulators of Energy Homeostasis and Neuronal Development. Trends in Endocrinology and Metabolism, 2017, 28, 153-164.	7.1	36
594	Cardiovascular Risk Factors in Survivors of Childhood Hematopoietic Cell Transplantation Treated with Total Body Irradiation: A Longitudinal Analysis. Biology of Blood and Marrow Transplantation, 2017, 23, 475-482.	2.0	29
595	Glia: silent partners in energy homeostasis and obesity pathogenesis. Diabetologia, 2017, 60, 226-236.	6.3	63
596	Doubleâ€stranded RNAâ€dependent protein kinase signalling and paradigms of cardiometabolic syndrome. Fundamental and Clinical Pharmacology, 2017, 31, 265-279.	1.9	6
597	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. Cell Metabolism, 2017, 26, 620-632.e6.	16.2	66
598	Environmental and Physiological Cues on the Hypothalamus During Aging. Healthy Ageing and Longevity, 2017, , 167-208.	0.2	0
599	Foundations of Immunometabolism and Implications for Metabolic Health and Disease. Immunity, 2017, 47, 406-420.	14.3	340
600	MANF regulates hypothalamic control of food intake and body weight. Nature Communications, 2017, 8, 579.	12.8	47
601	Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. Ageing Research Reviews, 2017, 40, 95-119.	10.9	337
602	CNS Targets of Adipokines. , 2017, 7, 1359-1406.		12
603	Hypothalamic Dysfunction in Obesity and Metabolic Disorders. Advances in Neurobiology, 2017, 19, 73-116.	1.8	31
604	iNOS promotes hypothalamic insulin resistance associated with deregulation of energy balance and obesity in rodents. Scientific Reports, 2017, 7, 9265.	3.3	11
606	NF-Î°B p65 serine 467 phosphorylation sensitizes mice to weight gain and TNFÎ±-or diet-induced inflammation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1785-1798.	4.1	9
607	EGCG ameliorates highâ€fatâ€“ and highâ€fructoseâ€induced cognitive defects by regulating the IRS/AKT and ERK/CREB/BDNF signaling pathways in the CNS. FASEB Journal, 2017, 31, 4998-5011.	0.5	116
608	Liver ERÎ± regulates AgRP neuronal activity in the arcuate nucleus of female mice. Scientific Reports, 2017, 7, 1194.	3.3	14
609	Endotoxemia-mediated activation of acetyltransferase P300 impairs insulin signaling in obesity. Nature Communications, 2017, 8, 131.	12.8	59
610	Inflammation, Stem Cells, and the Aging Hypothalamus. Rejuvenation Research, 2017, 20, 346-349.	1.8	7

#	Article	IF	Citations
611	Adapting to obesity with adipose tissue inflammation. Nature Reviews Endocrinology, 2017, 13, 633-643.	9.6	864
612	Astrocytes and endoplasmic reticulum stress: A bridge between obesity and neurodegenerative diseases. Progress in Neurobiology, 2017, 158, 45-68.	5.7	43
613	Microglial Inflammatory Signaling Orchestrates the Hypothalamic Immune Response to Dietary Excess and Mediates Obesity Susceptibility. Cell Metabolism, 2017, 26, 185-197.e3.	16.2	321
614	Caffeine inhibits hypothalamic A1R to excite oxytocin neuron and ameliorate dietary obesity in mice. Nature Communications, 2017, 8, 15904.	12.8	55
615	High fat induces acute and chronic inflammation in the hypothalamus: effect of high-fat diet, palmitate and TNF-Î± on appetite-regulating NPY neurons. International Journal of Obesity, 2017, 41, 149-158.	3.4	156
616	6-Gingerol Suppresses Adipocyte-Derived Mediators of Inflammation In Vitro and in High-Fat Diet-Induced Obese Zebra Fish. Planta Medica, 2017, 83, 245-253.	1.3	19
617	Hypothalamic Lipids: Key Regulators of Whole Body Energy Balance. Neuroendocrinology, 2017, 104, 398-411.	2.5	16
618	Proanthocyanidins potentiate hypothalamic leptin/STAT3 signalling and Pomc gene expression in rats with diet-induced obesity. International Journal of Obesity, 2017, 41, 129-136.	3.4	60
619	Fatty-acid-mediated hypothalamic inflammation and epigenetic programming. Journal of Nutritional Biochemistry, 2017, 42, 1-6.	4.2	35
620	Î±MSH promotes preadipocyte proliferation by alleviating ER stress-induced leptin resistance and by activating Notch1 signal in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 231-238.	3.8	15
621	Canagliflozin, a sodium glucose cotransporter 2 inhibitor, attenuates obesity-induced inflammation in the nodose ganglion, hypothalamus, and skeletal muscle of mice. European Journal of Pharmacology, 2017, 794, 37-44.	3.5	86
622	Epigenetic mechanisms underlying lifespan and age-related effects of dietary restriction and the ketogenic diet. Molecular and Cellular Endocrinology, 2017, 455, 33-40.	3.2	31
623	Protein kinases: mechanisms and downstream targets in inflammation-mediated obesity and insulin resistance. Molecular and Cellular Biochemistry, 2017, 426, 27-45.	3.1	137
624	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. Diabetes, 2017, 66, 87-99.	0.6	90
625	Pathogenâ€"Host Defense in the Evolution of Depression: Insights into Epidemiology, Genetics, Bioregional Differences and Female Preponderance. Neuropsychopharmacology, 2017, 42, 5-27.	5.4	48
626	Hypothalamic stem cells control ageing speed partly through exosomal miRNAs. Nature, 2017, 548, 52-57.	27.8	424
627	Loss of Stearoyl-CoA Desaturase-1 Activity Induced Leptin Resistance in Neuronal Cells. Biological and Pharmaceutical Bulletin, 2017, 40, 1161-1164.	1.4	9
628	The role of leptin in health and disease. Temperature, 2017, 4, 258-291.	3.0	108

#	Article	IF	Citations
629	Hypothalamic inflammation in obesity and metabolic disease. Journal of Clinical Investigation, 2017, 127, 24-32.	8.2	321
630	Brain Ceramide Metabolism in the Control of Energy Balance. Frontiers in Physiology, 2017, 8, 787.	2.8	30
631	Central Administration of 1-Deoxynojirimycin Attenuates Hypothalamic Endoplasmic Reticulum Stress and Regulates Food Intake and Body Weight in Mice with High-Fat Diet-Induced Obesity. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-11.	1.2	12
632	High Dietary Fructose: Direct or Indirect Dangerous Factors Disturbing Tissue and Organ Functions. Nutrients, 2017, 9, 335.	4.1	150
633	Neural and Molecular Mechanisms Involved in Controlling the Quality of Feeding Behavior: Diet Selection and Feeding Patterns. Nutrients, 2017, 9, 1151.	4.1	22
634	The Spleen: A Hub Connecting Nervous and Immune Systems in Cardiovascular and Metabolic Diseases. International Journal of Molecular Sciences, 2017, 18, 1216.	4.1	41
635	LPS-Induced Low-Grade Inflammation Increases Hypothalamic JNK Expression and Causes Central Insulin Resistance Irrespective of Body Weight Changes. International Journal of Molecular Sciences, 2017, 18, 1431.	4.1	53
636	The Leptin Receptor Complex: Heavier Than Expected?. Frontiers in Endocrinology, 2017, 8, 30.	3.5	128
637	Leptin Resistance and the Neuro-Adipose Connection. Frontiers in Endocrinology, 2017, 8, 45.	3.5	14
638	Non-Neuronal Cells in the Hypothalamic Adaptation to Metabolic Signals. Frontiers in Endocrinology, 2017, 8, 51.	3.5	29
639	Hypothalamic Inflammation and Energy Balance Disruptions: Spotlight on Chemokines. Frontiers in Endocrinology, 2017, 8, 197.	3.5	74
640	Advances in Gut Microbiome Research, Opening New Strategies to Cope with a Western Lifestyle. Frontiers in Genetics, 2016, 7, 224.	2.3	23
641	Reduced Endoplasmic Reticulum Stress-Mediated Autophagy Is Required for Leptin Alleviating Inflammation in Adipose Tissue. Frontiers in Immunology, 2017, 8, 1507.	4.8	28
642	Nuclear Factor-Kappa B and Alzheimer Disease, Unifying Genetic and Environmental Risk Factors from Cell to Humans. Frontiers in Immunology, 2017, 8, 1805.	4.8	104
643	Effects of Fat and Sugar, Either Consumed or Infused toward the Brain, on Hypothalamic ER Stress Markers. Frontiers in Neuroscience, 2017, 11, 270.	2.8	10
644	Inhibition of hypothalamic leukemia inhibitory factor exacerbates diet-induced obesity phenotype. Journal of Neuroinflammation, 2017, 14, 178.	7.2	13
645	Withania somnifera as a potential candidate to ameliorate highÂfat diet-induced anxiety and neuroinflammation. Journal of Neuroinflammation, 2017, 14, 201.	7.2	25
646	ER Stress and Autophagy in Obesity and Nonalcoholic Fatty Liver Disease. Current Pathobiology Reports, 2017, 5, 289-299.	3.4	0

#	Article	IF	Citations
647	Hypothalamic redox balance and leptin signaling - Emerging role of selenoproteins. Free Radical Biology and Medicine, 2018, 127, 172-181.	2.9	26
648	Hypothalamic endoplasmic reticulum stress as a key mediator of obesityâ€induced leptin resistance. Obesity Reviews, 2018, 19, 770-785.	6.5	36
649	High fructose diet-induced metabolic syndrome: Pathophysiological mechanism and treatment by traditional Chinese medicine. Pharmacological Research, 2018, 130, 438-450.	7.1	50
650	TGF-Î²1 down-regulation in the mediobasal hypothalamus attenuates hypothalamic inflammation and protects against diet-induced obesity. Metabolism: Clinical and Experimental, 2018, 85, 171-182.	3.4	30
651	A high nutrient dense diet alters hypothalamic gene expressions to influence energy intake in pigs born with low birth weight. Scientific Reports, 2018, 8, 5514.	3.3	5
652	The Synergy between Palmitate and TNF-Î± for CCL2 Production Is Dependent on the TRIF/IRF3 Pathway: Implications for Metabolic Inflammation. Journal of Immunology, 2018, 200, 3599-3611.	0.8	64
653	STAT3: The art of multi-tasking of metabolic and immune functions in obesity. Progress in Lipid Research, 2018, 70, 17-28.	11.6	39
654	Cell and molecular mechanisms behind dietâ€induced hypothalamic inflammation and obesity. Journal of Neuroendocrinology, 2018, 30, e12598.	2.6	34
655	Hypothalamic inflammation and malfunctioning glia in the pathophysiology of obesity and diabetes: Translational significance. Biochemical Pharmacology, 2018, 153, 123-133.	4.4	36
656	C-Reactive protein in relation to fecundability and anovulation among eumenorrheic women. Fertility and Sterility, 2018, 109, 232-239.e1.	1.0	15
657	Bace1-dependent amyloid processing regulates hypothalamic leptin sensitivity in obese mice. Scientific Reports, 2018, 8, 55.	3.3	29
658	Pharmacological activities of the organic extracts and fatty acid composition of the petroleum ether extract from Haplophyllum tuberculatum leaves. Journal of Ethnopharmacology, 2018, 216, 97-103.	4.1	13
659	Leptin and the maintenance of elevated body weight. Nature Reviews Neuroscience, 2018, 19, 95-105.	10.2	247
660	The Link Between Obesity and Depression: Exploring Shared Mechanisms. , 2018, , 203-220.		0
661	Calcineurin A beta deficiency ameliorates HFD-induced hypothalamic astrocytosis in mice. Journal of Neuroinflammation, 2018, 15, 35.	7.2	5
662	Effects of chronic testosterone administration on the degree of preference for a high-fat diet and body weight in gonadal-intact and ovariectomized female rats. Behavioural Brain Research, 2018, 349, 102-108.	2.2	15
663	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. Brain, Behavior, and Immunity, 2018, 70, 325-334.	4.1	11
664	Metabolic Dysfunction in Alzheimerâ€™s Disease: From Basic Neurobiology to Clinical Approaches. Journal of Alzheimer's Disease, 2018, 64, S405-S426.	2.6	66

#	Article	IF	Citations
665	Association of obesity, sleep apnea and hypothalamic inflammation: Novel possibilities of research. European Journal of Internal Medicine, 2018, 52, e17-e18.	2.2	3
666	Effect of dietary energy and polymorphisms in BRAP and GHRL on obesity and metabolic traits. Obesity Research and Clinical Practice, 2018, 12, 39-48.	1.8	22
667	IDO chronic immune activation and tryptophan metabolic pathway: A potential pathophysiological link between depression and obesity. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 80, 234-249.	4.8	69
668	New insight into inter-organ crosstalk contributing to the pathogenesis of non-alcoholic fatty liver disease (NAFLD). Protein and Cell, 2018, 9, 164-177.	11.0	92
669	Downâ€regulation of miRNAs in the brain and development of dietâ€induced obesity. International Journal of Developmental Neuroscience, 2018, 64, 2-7.	1.6	9
670	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. Endocrinology, 2018, 159, 368-387.	2.8	34
671	Inflammageing and metaflammation: The yin and yang of type 2 diabetes. Ageing Research Reviews, 2018, 41, 1-17.	10.9	182
672	Age-Dependent Neurochemical Remodeling of Hypothalamic Astrocytes. Molecular Neurobiology, 2018, 55, 5565-5579.	4.0	20
673	The effects of overnight nutrient intake on hypothalamic inflammation in a free-choice diet-induced obesity rat model. Appetite, 2018, 120, 527-535.	3.7	18
674	Lactobacillus plantarum and Lactobacillus fermentum alone or in combination regulate intestinal flora composition and systemic immunity to alleviate obesity syndrome in highâ€fat diet rat. International Journal of Food Science and Technology, 2018, 53, 137-146.	2.7	20
675	Acute sleep disruption- and high-fat diet-induced hypothalamic inflammation are not related to glucose tolerance in mice. Neurobiology of Sleep and Circadian Rhythms, 2018, 4, 1-9.	2.8	11
676	Hyperlipidemia-induced hepassocin in the liver contributes to insulin resistance in skeletal muscle. Molecular and Cellular Endocrinology, 2018, 470, 26-33.	3.2	40
677	Hypothalamic GRP78, a new target against obesity?. Adipocyte, 2018, 7, 63-66.	2.8	8
678	Stem Cell Transplants in the Aged Stroke Brain: Microenvironment Factors. Springer Series in Translational Stroke Research, 2018, , 47-71.	0.1	0
679	Hypothalamic mitochondrial abnormalities occur downstream of inflammation in diet-induced obesity. Molecular and Cellular Endocrinology, 2018, 460, 238-245.	3.2	38
680	DUNALIELLA SALINA IMPROVED OBESITY-ASSOCIATED INFLAMMATION AND OXIDATIVE DAMAGE IN ANIMALSâ€™ RODENT. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 240.	0.3	5
681	Obesity and inflammation. European Cytokine Network, 2018, 29, 83-94.	2.0	191
682	Inflammatory Links Between High Fat Diets and Diseases. Frontiers in Immunology, 2018, 9, 2649.	4.8	280

#	Article	IF	Citations
683	Uncoupling protein-1 deficiency promotes brown adipose tissue inflammation and ER stress. PLoS ONE, 2018, 13, e0205726.	2.5	26
684	Impact of Metabolic Syndrome on Neuroinflammation and the Bloodâ€"Brain Barrier. Frontiers in Neuroscience, 2018, 12, 930.	2.8	210
685	MANF: A New Player in the Control of Energy Homeostasis, and Beyond. Frontiers in Physiology, 2018, 9, 1725.	2.8	12
686	Disorders of Body Weight, Sleep and Circadian Rhythm as Manifestations of Hypothalamic Dysfunction in Alzheimerâ€™s Disease. Frontiers in Cellular Neuroscience, 2018, 12, 471.	3.7	31
687	SerpinA3N is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. Genes and Nutrition, 2018, 13, 28.	2.5	29
688	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. Cell Reports, 2018, 25, 413-423.e5.	6.4	68
689	Attenuation of diet-induced hypothalamic inflammation following bariatric surgery in female mice. Molecular Medicine, 2018, 24, 56.	4.4	12
690	Hypothalamic Microglial Activation in Obesity: A Mini-Review. Frontiers in Neuroscience, 2018, 12, 846.	2.8	68
691	Integration of Circadian and Metabolic Control of Reproductive Function. Endocrinology, 2018, 159, 3661-3673.	2.8	32
692	Central nervous system neuroplasticity and the sensitization of hypertension. Nature Reviews Nephrology, 2018, 14, 750-766.	9.6	52
693	Metabolic Syndrome, Brain Insulin Resistance, and Alzheimerâ€™s Disease: Thioredoxin Interacting Protein (TXNIP) and Inflammasome as Core Amplifiers. Journal of Alzheimer's Disease, 2018, 66, 857-885.	2.6	29
694	More than an Anti-diabetic Bariatric Surgery, Metabolic Surgery Alleviates Systemic and Local Inflammation in Obesity. Obesity Surgery, 2018, 28, 3658-3668.	2.1	29
695	The role of the vagus nerve in appetite control: Implications for the pathogenesis of obesity. Journal of Neuroendocrinology, 2018, 30, e12643.	2.6	49
696	Experimental sepsis induces sustained inflammation and acetylcholinesterase activity impairment in the hypothalamus. Journal of Neuroimmunology, 2018, 324, 143-148.	2.3	21
697	Hypothalamic oxidative stress and inflammation, and peripheral glucose homeostasis in Sprague-Dawley rat offspring exposed to maternal and postnatal chocolate and soft drink. Nutrition and Diabetes, 2018, 8, 44.	3.2	12
698	Autophagy and oxidative stress in non-communicable diseases: A matter of the inflammatory state?. Free Radical Biology and Medicine, 2018, 124, 61-78.	2.9	61
699	Chronic palmitic acid-induced lipotoxicity correlates with defective trafficking of ATP sensitive potassium channels in pancreatic Î² cells. Journal of Nutritional Biochemistry, 2018, 59, 37-48.	4.2	11
700	Downregulation of HIF complex in the hypothalamus exacerbates diet-induced obesity. Brain, Behavior, and Immunity, 2018, 73, 550-561.	4.1	16

#	Article	IF	Citations
701	Novel role of PKR in palmitate-induced Sirt1 inactivation and endothelial cell senescence. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H571-H580.	3.2	19
702	Obesity-related cellular stressors regulate gonadotropin releasing hormone gene expression via c-Fos/AP-1. Molecular and Cellular Endocrinology, 2018, 478, 97-105.	3.2	8
703	Temporal and Site-Specific Changes in Central Neuroimmune Factors During Rapid Weight Gain After Ovariectomy in Rats. Neurochemical Research, 2018, 43, 1802-1813.	3.3	6
704	Adipokines, Inflammation, and Insulin Resistance in Obesity. , 2018, , 225-252.		1
705	One-Week Exposure to a Free-Choice High-Fat High-Sugar Diet Does Not Interfere With the Lipopolysaccharide-Induced Acute Phase Response in the Hypothalamus of Male Rats. Frontiers in Endocrinology, 2018, 9, 186.	3.5	5
706	Interactions Between the Neuroendocrine System and T Lymphocytes in Diabetes. Frontiers in Endocrinology, 2018, 9, 229.	3.5	6
707	Progestin and AdipoQ Receptor 3 Upregulates Fibronectin and Intercellular Adhesion Molecule-1 in Glomerular Mesangial Cells via Activating NF-ÎºB Signaling Pathway Under High Glucose Conditions. Frontiers in Endocrinology, 2018, 9, 275.	3.5	9
708	Hypothalamic Mitochondrial Dysfunction as a Target in Obesity and Metabolic Disease. Frontiers in Endocrinology, 2018, 9, 283.	3.5	26
709	Challenges for Alzheimer's Disease Therapy: Insights from Novel Mechanisms Beyond Memory Defects. Frontiers in Neuroscience, 2018, 12, 37.	2.8	132
710	Metabolic Syndrome and Neuroprotection. Frontiers in Neuroscience, 2018, 12, 196.	2.8	32
711	Low-Fat Diet With Caloric Restriction Reduces White Matter Microglia Activation During Aging. Frontiers in Molecular Neuroscience, 2018, 11, 65.	2.9	35
712	Cellular and Molecular Mechanisms Underlying Non-Pharmaceutical Ischemic Stroke Therapy in Aged Subjects. International Journal of Molecular Sciences, 2018, 19, 99.	4.1	14
713	Present Status and Future Challenges of New Therapeutic Targets in Preclinical Models of Stroke in Aged Animals with/without Comorbidities. International Journal of Molecular Sciences, 2018, 19, 356.	4.1	18
714	Hypothalamic <scp>AMPK</scp> and energy balance. European Journal of Clinical Investigation, 2018, 48, e12996.	3.4	78
715	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. Genes, 2018, 9, 357.	2.4	14
716	Brain Inflammation and Endoplasmic Reticulum Stress. , 2018, , 75-108.		0
717	Contribution of Diabetes and Metabolic Syndrome in the Pathogenesis of Alzheimerâ€™s Disease. , 2018, , 301-316.		1
718	Dietary fats promote functional and structural changes in the median eminence blood/spinal fluid interfaceâ€"the protective role for BDNF. Journal of Neuroinflammation, 2018, 15, 10.	7.2	34

#	Article	IF	Citations
719	Atorvastatin and diacerein reduce insulin resistance and increase disease tolerance in rats with sepsis. Journal of Inflammation, 2018, 15, 8.	3.4	19
720	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. Nature Communications, 2018, 9, 3432.	12.8	41
721	SF1-Specific AMPKÎ±1 Deletion Protects Against Diet-Induced Obesity. Diabetes, 2018, 67, 2213-2226.	0.6	48
722	The non-canonical NF-Î²B pathway promotes NPC2 expression and regulates intracellular cholesterol trafficking. Science China Life Sciences, 2018, 61, 1222-1232.	4.9	11
723	Volatile Oil ofAmomum villosumInhibits Nonalcoholic Fatty Liver Disease via the Gut-Liver Axis. BioMed Research International, 2018, 2018, 1-16.	1.9	27
724	Cleavage of the leptin receptor by matrix metalloproteinaseâ€“2 promotes leptin resistance and obesity in mice. Science Translational Medicine, 2018, 10, .	12.4	46
725	Eating as a motivated behavior: modulatory effect of high fat diets on energy homeostasis, reward processing and neuroinflammation. Integrative Zoology, 2018, 13, 673-686.	2.6	14
726	Lipotoxic Effects of Palmitic Acid on Astrocytes Are Associated with Autophagy Impairment. Molecular Neurobiology, 2019, 56, 1665-1680.	4.0	25
727	Altered expression of inflammation-associated genes in the hypothalamus of obesity mouse models. Nutrition Research, 2019, 70, 40-49.	2.9	6
728	Empaglifozin mitigates NAFLD in high-fat-fed mice by alleviating insulin resistance, lipogenesis and ER stress. Molecular and Cellular Endocrinology, 2019, 498, 110539.	3.2	45
729	Hypothalamic Fatty Acids and Ketone Bodies Sensing and Role of FAT/CD36 in the Regulation of Food Intake. Frontiers in Physiology, 2019, 10, 1036.	2.8	23
730	Oxidative Stress Reduction (Prong-3). , 2019, , 139-254.		0
731	An expanding GSK3 network: implications for aging research. GeroScience, 2019, 41, 369-382.	4.6	58
732	Diet-Induced Obesity Disturbs Microglial Immunometabolism in a Time-of-Day Manner. Frontiers in Endocrinology, 2019, 10, 424.	3.5	35
733	Agrp-Specific Ablation of Scly Protects against Diet-Induced Obesity and Leptin Resistance. Nutrients, 2019, 11, 1693.	4.1	10
734	The role of inflammation and endoplasmic reticulum stress in obesity-related cognitive impairment. Life Sciences, 2019, 233, 116707.	4.3	16
735	â€œHypothalamic Microinflammationâ€•Paradigm in Aging and Metabolic Diseases. Cell Metabolism, 2019, 30, 19-35.	16.2	92
736	Diet-induced hypothalamic dysfunction and metabolic disease, and the therapeutic potential of polyphenols. Molecular Metabolism, 2019, 27, 1-10.	6.5	34

#	Article	IF	Citations
737	Phlorotannins from Ecklonia cava Attenuates Palmitate-Induced Endoplasmic Reticulum Stress and Leptin Resistance in Hypothalamic Neurons. Marine Drugs, 2019, 17, 570.	4.6	22
738	Design of assembled substrate of electroplated diamond grinding wheel for disassembly of abrasive layer. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	1
739	Emerging roles for the ER stress sensor IRE1Î± in metabolic regulation and disease. Journal of Biological Chemistry, 2019, 294, 18726-18741.	3.4	94
740	Adrenergic Regulation of Macrophage-Mediated Innate/Inflammatory Responses in Obesity and Exercise in this Condition: Role of Î²2 Adrenergic Receptors. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 1089-1099.	1.2	19
741	TNF-Î± in Combination with Palmitate Enhances IL-8 Production via The MyD88- Independent TLR4 Signaling Pathway: Potential Relevance to Metabolic Inflammation. International Journal of Molecular Sciences, 2019, 20, 4112.	4.1	32
742	Intranasal Targeting of Hypothalamic PTP1B and TCPTP Reinstates Leptin and Insulin Sensitivity and Promotes Weight Loss in Obesity. Cell Reports, 2019, 28, 2905-2922.e5.	6.4	54
743	Potential relationship between dietary long-chain saturated fatty acids and hypothalamic dysfunction in obesity. Nutrition Reviews, 2020, 78, 261-277.	5.8	23
744	Interleukin-6 Expression by Hypothalamic Microglia in Multiple Inflammatory Contexts: A Systematic Review. BioMed Research International, 2019, 2019, 1-11.	1.9	30
745	Hypothalamic neuronal cellular and subcellular abnormalities in experimental obesity. International Journal of Obesity, 2019, 43, 2361-2369.	3.4	9
746	CD1 is involved in diet-induced hypothalamic inflammation in obesity. Brain, Behavior, and Immunity, 2019, 78, 78-90.	4.1	6
747	Establishment of a Mouse Model of Atopic Dermatitis by Deleting Ikk2 in Dermal Fibroblasts. Journal of Investigative Dermatology, 2019, 139, 1274-1283.	0.7	14
748	Endoplasmic Reticulum Stress, the Hypothalamus, and Energy Balance. Trends in Endocrinology and Metabolism, 2019, 30, 163-176.	7.1	67
749	Age-dependent decline of hypothalamic HIF2Î± in response to insulin and its contribution to advanced age-associated metabolic disorders in mice. Journal of Biological Chemistry, 2019, 294, 4946-4955.	3.4	11
751	Regulation of the Energy Balance. , 2019, , 227-243.		2
752	â€œInsulin-likeâ€•effects of palmitate compromise insulin signalling in hypothalamic neurons. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2019, 189, 413-424.	1.5	6
753	Deficiency of Adipocyte IKKÎ² Affects Atherosclerotic Plaque Vulnerability in Obese LDLR Deficient Mice. Journal of the American Heart Association, 2019, 8, e012009.	3.7	15
754	Luciferase Reporter Mice for In Vivo Monitoring and Ex Vivo Assessment of Hypothalamic Signaling of Socs3 Expression. Journal of the Endocrine Society, 2019, 3, 1246-1260.	0.2	2
755	Antiobesity Effect of Flaxseed Polysaccharide via Inducing Satiety due to Leptin Resistance Removal and Promoting Lipid Metabolism through the AMP-Activated Protein Kinase (AMPK) Signaling Pathway. Journal of Agricultural and Food Chemistry, 2019, 67, 7040-7049.	5.2	48

#	Article	IF	Citations
756	The BBSome in POMC and AgRP Neurons Is Necessary for Body Weight Regulation and Sorting of Metabolic Receptors. Diabetes, 2019, 68, 1591-1603.	0.6	32
757	Endoplasmic reticulum stress-induced iRhom2 up-regulation promotes macrophage-regulated cardiac inflammation and lipid deposition in high fat diet (HFD)-challenged mice: Intervention of fisetin and metformin. Free Radical Biology and Medicine, 2019, 141, 67-83.	2.9	42
758	Editorial: Neuroendocrine Control of Feeding Behavior. Frontiers in Endocrinology, 2019, 10, 399.	3.5	5
759	Quercetin Regulates the Integrated Stress Response to Improve Memory. International Journal of Molecular Sciences, 2019, 20, 2761.	4.1	28
760	Elevated leptin levels induce inflammation through IL-6 in skeletal muscle of aged female rats. BMC Musculoskeletal Disorders, 2019, 20, 199.	1.9	22
761	Dissecting the Brain/Islet Axis in Metabesity. Genes, 2019, 10, 350.	2.4	11
762	A high-fat diet induces rapid changes in the mouse hypothalamic proteome. Nutrition and Metabolism, 2019, 16, 26.	3.0	32
763	Deep Brain Stimulation for Obesity: A Review and Future Directions. Frontiers in Neuroscience, 2019, 13, 323.	2.8	35
764	Emerging roles for hypothalamic microglia as regulators of physiological homeostasis. Frontiers in Neuroendocrinology, 2019, 54, 100748.	5.2	20
765	Astrocytes in neuroendocrine systems: An overview. Journal of Neuroendocrinology, 2019, 31, e12726.	2.6	23
766	Is the Brain a Key Player in Glucose Regulation and Development of Type 2 Diabetes?. Frontiers in Physiology, 2019, 10, 457.	2.8	33
767	Investigating Geneâ€"Gene and Geneâ€"Environment Interactions in the Association Between Overnutrition and Obesity-Related Phenotypes. Frontiers in Genetics, 2019, 10, 151.	2.3	9
768	Hypothalamic inflammation and obesity: a mechanistic review. Archives of Pharmacal Research, 2019, 42, 383-392.	6.3	87
769	Indirubin-3â€²-monoxime prevents aberrant activation of GSK-3Î²/NF-ÎºB and alleviates high fat-high fructose induced AÎ²-aggregation, gliosis and apoptosis in mice brain. International Immunopharmacology, 2019, 70, 396-407.	3.8	19
770	Fibroblast growth factor 21 deficiency aggravates obesity-induced hypothalamic inflammation and impairs thermogenic response. Inflammation Research, 2019, 68, 351-358.	4.0	12
771	A GPR17-cAMP-Lactate Signaling Axis in Oligodendrocytes Regulates Whole-Body Metabolism. Cell Reports, 2019, 26, 2984-2997.e4.	6.4	45
772	Molecular Mechanisms of Hypothalamic Insulin Resistance. International Journal of Molecular Sciences, 2019, 20, 1317.	4.1	60
773	Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. Nature Communications, 2019, 10, 1718.	12.8	45

#	Article	IF	Citations
774	Microglia immunometabolism: From metabolic disorders to single cell metabolism. Seminars in Cell and Developmental Biology, 2019, 94, 129-137.	5.0	29
775	Brain Innate Immune Response in Diet-Induced Obesity as a Paradigm for Metabolic Influence on Inflammatory Signaling. Frontiers in Neuroscience, 2019, 13, 342.	2.8	13
776	Olanzapine-induced endoplasmic reticulum stress and inflammation in the hypothalamus were inhibited by an ER stress inhibitor 4-phenylbutyrate. Psychoneuroendocrinology, 2019, 104, 286-299.	2.7	23
777	Understanding the link between insulin resistance and Alzheimerâ€™s disease: Insights from animal models. Experimental Neurology, 2019, 316, 1-11.	4.1	28
778	Off the Clock: From Circadian Disruption to Metabolic Disease. International Journal of Molecular Sciences, 2019, 20, 1597.	4.1	91
779	Linoleic acid rescues microglia inflammation triggered by saturated fatty acid. Biochemical and Biophysical Research Communications, 2019, 513, 201-206.	2.1	49
780	Molecular Mechanisms Underlying Obesity-Induced Hypothalamic Inflammation and Insulin Resistance: Pivotal Role of Resistin/TLR4 Pathways. Frontiers in Endocrinology, 2019, 10, 140.	3.5	77
781	Essential Roles for the Non-Canonical IÎºB Kinases in Linking Inflammation to Cancer, Obesity, and Diabetes. Cells, 2019, 8, 178.	4.1	37
782	Hypothalamic expression of the atypical chemokine receptor ACKR2 is involved in the systemic regulation of glucose tolerance. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1126-1137.	3.8	10
783	Nuclear factorâ€kappa Î² as a therapeutic target for Alzheimer's disease. Journal of Neurochemistry, 2019, 150, 113-137.	3.9	105
784	Non-nutritive Sweeteners Induce Hypothalamic ER Stress Causing Abnormal Axon Outgrowth. Frontiers in Endocrinology, 2019, 10, 876.	3.5	10
785	Effect of High-Fat Diets on Oxidative Stress, Cellular Inflammatory Response and Cognitive Function. Nutrients, 2019, 11, 2579.	4.1	209
786	Attenuation of Inflammation and Leptin Resistance by Pyrogallol-Phloroglucinol-6,6-Bieckol on in the Brain of Obese Animal Models. Nutrients, 2019, 11, 2773.	4.1	14
787	Potential role of hypothalamic microRNAs in regulation of FOS and FTO expression in response to hypoglycemia. Journal of Physiological Sciences, 2019, 69, 981-991.	2.1	12
788	Reduced central and peripheral inflammatory responses and increased mitochondrial activity contribute to diet-induced obesity resistance in WSB/EiJ mice. Scientific Reports, 2019, 9, 19696.	3.3	8
789	Initial evidence for hypothalamic gliosis in children with obesity by quantitative T2 MRI and implications for blood oxygenâ€level dependent response to glucose ingestion. Pediatric Obesity, 2019, 14, e12486.	2.8	30
790	Hypothalamic gene transfer of BDNF promotes healthy aging in mice. Aging Cell, 2019, 18, e12846.	6.7	33
791	Physiological and pathophysiological roles of hypothalamic astrocytes in metabolism. Journal of Neuroendocrinology, 2019, 31, e12671.	2.6	11

#	Article	IF	Citations
792	Timing Matters: Circadian Effects on Energy Homeostasis and Alzheimerâ€™s Disease. Trends in Endocrinology and Metabolism, 2019, 30, 132-143.	7.1	9
793	Innate Immune Signaling and Its Role in Metabolic and Cardiovascular Diseases. Physiological Reviews, 2019, 99, 893-948.	28.8	57
794	Obesity and dysregulated central and peripheral macrophageâ€"neuron crossâ€talk. European Journal of Immunology, 2019, 49, 19-29.	2.9	15
795	Selenoprotein M Promotes Hypothalamic Leptin Signaling and Thioredoxin Antioxidant Activity. Antioxidants and Redox Signaling, 2021, 35, 775-787.	5.4	40
796	Injury to hypothalamic Sim1 neurons is a common feature of obesity by exposure to highâ€fat diet in male and female mice. Journal of Neurochemistry, 2019, 149, 73-97.	3.9	13
797	Hypothalamic Inflammation at a Crossroad of Somatic Diseases. Cellular and Molecular Neurobiology, 2019, 39, 11-29.	3.3	13
798	Endospanin 1 Determines the Balance of Leptin-Regulated Hypothalamic Functions. Neuroendocrinology, 2019, 108, 132-141.	2.5	8
799	The partial inhibition of hypothalamic IRX3 exacerbates obesity. EBioMedicine, 2019, 39, 448-460.	6.1	32
800	Downregulation of inflammatory markers by conjugated linoleic acid isomers in human cultured astrocytes. Nutritional Neuroscience, 2019, 22, 207-214.	3.1	18
801	Leptin, An Adipokine With Central Importance in the Global Obesity Problem. Global Heart, 2018, 13, 113.	2.3	44
802	Liver function and dysfunction â€" a unique window into the physiological reach of <scp>ER</scp> stress and the unfolded protein response. FEBS Journal, 2019, 286, 356-378.	4.7	43
803	Oral solution of fructose promotes SREBP-1c high-expression in the hypothalamus of Wistar rats. Nutritional Neuroscience, 2019, 22, 648-654.	3.1	9
804	Proopiomelanocortin Processing in the Hypothalamus Is Directly Regulated by Saturated Fat: Implications for the Development of Obesity. Neuroendocrinology, 2020, 110, 92-104.	2.5	16
805	Brain insulin action in schizophrenia: Something borrowed and something new. Neuropharmacology, 2020, 163, 107633.	4.1	31
806	Sex differences in the peripubertal response to a shortâ€term, highâ€fat diet intake. Journal of Neuroendocrinology, 2020, 32, e12756.	2.6	13
807	Appetite changes reveal depression subgroups with distinct endocrine, metabolic, and immune states. Molecular Psychiatry, 2020, 25, 1457-1468.	7.9	95
808	Palmitic acid triggers inflammatory responses in N42 cultured hypothalamic cells partially via ceramide synthesis but not via TLR4. Nutritional Neuroscience, 2020, 23, 321-334.	3.1	48
809	Neuronal Cell Cycle Events Link Caloric Intake to Obesity. Trends in Endocrinology and Metabolism, 2020, 31, 46-52.	7.1	4

#	Article	IF	Citations
810	Vitamin D Receptor Activation in Liver Macrophages Protects Against Hepatic Endoplasmic Reticulum Stress in Mice. Hepatology, 2020, 71, 1453-1466.	7.3	38
811	POMC Neurons Dysfunction in Diet-induced Metabolic Disease: Hallmark or Mechanism of Disease?. Neuroscience, 2020, 447, 3-14.	2.3	14
812	Mechanisms Mediating the Actions of Fatty Acids in the Hypothalamus. Neuroscience, 2020, 447, 15-27.	2.3	14
813	Microglia, neurodegeneration and loss of neuroendocrine control. Progress in Neurobiology, 2020, 184, 101720.	5.7	26
814	Inhibition of Hypothalamic Inhibitor ÎºB Kinase Î²/Nuclear Transcription Factor ÎºB Pathway Attenuates Metabolism and Cardiac Dysfunction in Type 2 Diabetic Rats. Neuroendocrinology, 2020, 110, 899-913.	2.5	9
815	Skipping breakfast is associated with overweight and obesity: A systematic review and meta-analysis. Obesity Research and Clinical Practice, 2020, 14, 1-8.	1.8	144
816	Dysregulation of Hypothalamic Gene Expression and the Oxytocinergic System by Soybean Oil Diets in Male Mice. Endocrinology, 2020, 161, .	2.8	11
817	Regulation of muscle and metabolic physiology by hypothalamic erythropoietin independently of its peripheral action. Molecular Metabolism, 2020, 32, 56-68.	6.5	6
818	Inhibition of XBP1s ubiquitination enhances its protein stability and improves glucose homeostasis. Metabolism: Clinical and Experimental, 2020, 105, 154046.	3.4	12
819	Type I interferons and endoplasmic reticulum stress in health and disease. International Review of Cell and Molecular Biology, 2020, 350, 63-118.	3.2	53
820	AMPK in the Ventromedial Nucleus of the Hypothalamus: A Key Regulator for Thermogenesis. Frontiers in Endocrinology, 2020, 11, 578830.	3.5	13
821	The role of stress kinases in metabolic disease. Nature Reviews Endocrinology, 2020, 16, 697-716.	9.6	46
822	Nucleus accumbens cytoarchitecture predicts weight gain in children. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26977-26984.	7.1	47
823	Interactions of the Brain Renin-Angiotensin-System (RAS) and Inflammation in the Sensitization of Hypertension. Frontiers in Neuroscience, 2020, 14, 650.	2.8	27
824	Ageing as a risk factor for cerebral ischemia: Underlying mechanisms and therapy in animal models and in the clinic. Mechanisms of Ageing and Development, 2020, 190, 111312.	4.6	28
825	Astrocytic pyruvate dehydrogenase kinase-2 is involved in hypothalamic inflammation in mouse models of diabetes. Nature Communications, 2020, 11, 5906.	12.8	35
826	Mitochondrial Dynamics in the Brain Are Associated With Feeding, Glucose Homeostasis, and Whole-Body Metabolism. Frontiers in Endocrinology, 2020, 11, 580879.	3.5	16
827	Behavioral Feeding Circuit: Dietary Fat-Induced Effects of Inflammatory Mediators in the Hypothalamus. Frontiers in Endocrinology, 2020, 11, 591559.	3.5	12

#	Article	IF	Citations
828	Deletion of liver kinase B1 in POMC neurons predisposes to diet-induced obesity. Life Sciences, 2020, 258, 118204.	4.3	7
829	Magnetic resonance assessment of the cerebral alterations associated with obesity development. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2135-2151.	4.3	9
830	Hypothalamic extended synaptotagmin-3 contributes to the development of dietary obesity and related metabolic disorders. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20149-20158.	7.1	11
831	Hyperuricemia induces lipid disturbances mediated by LPCAT3 upregulation in the liver. FASEB Journal, 2020, 34, 13474-13493.	0.5	20
832	Long Chain Fatty Acids Differentially Regulate Sub-populations of Arcuate POMC and NPY Neurons. Neuroscience, 2020, 451, 164-173.	2.3	8
833	Neural Underpinnings of Obesity: The Role of Oxidative Stress and Inflammation in the Brain. Antioxidants, 2020, 9, 1018.	5.1	31
834	Mutual regulation of metabolic processes and proinflammatory NF-ÎºB signaling. Journal of Allergy and Clinical Immunology, 2020, 146, 694-705.	2.9	51
835	Interplay between Peripheral and Central Inflammation in Obesity-Promoted Disorders: The Impact on Synaptic Mitochondrial Functions. International Journal of Molecular Sciences, 2020, 21, 5964.	4.1	42
836	ERâ€“Mitochondria Contacts and Insulin Resistance Modulation through Exercise Intervention. International Journal of Molecular Sciences, 2020, 21, 9587.	4.1	10
837	Acylated Ghrelin as a Multi-Targeted Therapy for Alzheimer's and Parkinson's Disease. Frontiers in Neuroscience, 2020, 14, 614828.	2.8	30
838	Regulation of aging and cancer by enhanced environmental activation of a hypothalamic-sympathoneural-adipocyte axis. Translational Cancer Research, 2020, 9, 5687-5699.	1.0	4
839	Dual functions of CNS inflammation in food intake and metabolic regulation. Brain Research, 2020, 1740, 146859.	2.2	3
840	Interaction of glucose sensing and leptin action in the brain. Molecular Metabolism, 2020, 39, 101011.	6.5	16
841	Exercise and Curcumin in Combination Improves Cognitive Function and Attenuates ER Stress in Diabetic Rats. Nutrients, 2020, 12, 1309.	4.1	19
842	Circulating mir-21 and mir-146a are associated with increased cytokines and CD36 in Algerian obese male participants. Archives of Physiology and Biochemistry, 2022, 128, 1461-1466.	2.1	3
843	Short-term exposure to air pollution (PM2.5) induces hypothalamic inflammation, and long-term leads to leptin resistance and obesity via Tlr4/Ikbke in mice. Scientific Reports, 2020, 10, 10160.	3.3	35
844	Acarbose protects from central and peripheral metabolic imbalance induced by benzene exposure. Brain, Behavior, and Immunity, 2020, 89, 87-99.	4.1	16
845	Activation of Î±7nAChR via vagus nerve prevents obesity-induced insulin resistance via suppressing endoplasmic reticulum stress-induced inflammation in Kupffer cells. Medical Hypotheses, 2020, 140, 109671.	1.5	8

#	Article	IF	Citations
846	Autoimmune responses and inflammation in type 2 diabetes. Journal of Leukocyte Biology, 2020, 107, 739-748.	3.3	41
847	Catestatin improves insulin sensitivity by attenuating endoplasmic reticulum stress: In vivo and in silico validation. Computational and Structural Biotechnology Journal, 2020, 18, 464-481.	4.1	21
848	Gut Hormone GIP Induces Inflammation and Insulin Resistance in the Hypothalamus. Endocrinology, 2020, 161, .	2.8	20
849	Lipid excess affects chaperone-mediated autophagy in hypothalamus. Biochimie, 2020, 176, 110-116.	2.6	10
850	Docosahexaenoic acid prevents palmitateâ€induced insulinâ€dependent impairments of neuronal health. FASEB Journal, 2020, 34, 4635-4652.	0.5	7
851	Senoinflammation: A major mediator underlying age-related metabolic dysregulation. Experimental Gerontology, 2020, 134, 110891.	2.8	15
852	The role of ceramides in metabolic disorders: when size and localization matters. Nature Reviews Endocrinology, 2020, 16, 224-233.	9.6	102
853	Unveiling the transcriptome alteration of POMC neuron in diet-induced obesity. Experimental Cell Research, 2020, 389, 111848.	2.6	5
854	Prolonged overnutrition with fructose or fat induces metabolic derangements in rats by disrupting the crosstalk between the hypothalamus and periphery: Possible amelioration with fenofibrate. European Journal of Pharmacology, 2020, 879, 173136.	3.5	8
855	Mitochondria and T2D: Role of Autophagy, ER Stress, and Inflammasome. Trends in Endocrinology and Metabolism, 2020, 31, 725-741.	7.1	88
856	Maternal high-fat diet induces sex-specific changes to glucocorticoid and inflammatory signaling in response to corticosterone and lipopolysaccharide challenge in adult rat offspring. Journal of Neuroinflammation, 2020, 17, 116.	7.2	15
857	The neuronal (pro)renin receptor and astrocyte inflammation in the central regulation of blood pressure and blood glucose in mice fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E765-E778.	3.5	15
858	Partial Leptin Reduction: An Emerging Weight Loss Paradigm. Trends in Endocrinology and Metabolism, 2020, 31, 395-397.	7.1	9
859	The Role of Dietary Advanced Glycation End Products in Metabolic Dysfunction. Molecular Nutrition and Food Research, 2021, 65, e1900934.	3.3	85
860	Obesity Drives Delayed Infarct Expansion, Inflammation, and Distinct Gene Networks in a Mouse Stroke Model. Translational Stroke Research, 2021, 12, 331-346.	4.2	7
861	A New Zealand green-lipped mussel oil-enriched high-fat diet exhibits beneficial effects on body weight and metabolism in mice. British Journal of Nutrition, 2021, 125, 972-982.	2.3	4
862	Dietary fat exacerbates postprandial hypothalamic inflammation involving glial fibrillary acidic proteinâ€positive cells and microglia in male mice. Glia, 2021, 69, 42-60.	4.9	30
863	Long-term bisphenol A exposure exacerbates diet-induced prediabetes via TLR4-dependent hypothalamic inflammation. Journal of Hazardous Materials, 2021, 402, 123926.	12.4	32

#	Article	IF	Citations
864	Insulin signalling in hypothalamic neurones. Journal of Neuroendocrinology, 2021, 33, e12919.	2.6	16
865	Inhibition of mitochondrial fission and iNOS in the dorsal vagal complex protects from overeating and weight gain. Molecular Metabolism, 2021, 43, 101123.	6.5	10
866	Emerging role of protein kinases in diabetes mellitus: From mechanism to therapy. Advances in Protein Chemistry and Structural Biology, 2021, 124, 47-85.	2.3	4
867	Brain JNK and metabolic disease. Diabetologia, 2021, 64, 265-274.	6.3	21
868	Anti-inflammatory effects of oral supplementation with curcumin: a systematic review and meta-analysis of randomized controlled trials. Nutrition Reviews, 2021, 79, 1043-1066.	5.8	33
869	Prolonged functional cerebral asymmetry as a consequence of dysfunctional parvocellular paraventricular hypothalamic nucleus signaling: An integrative model for the pathophysiology of bipolar disorder. Medical Hypotheses, 2021, 146, 110433.	1.5	4
870	The Impact of Aging and Age-Related Comorbidities on Stroke Outcome in Animal Models and Humans. Contemporary Clinical Neuroscience, 2021, , 261-282.	0.3	0
871	Disruption of Endoplasmic Reticulum Proteostasis in Age-Related Nervous System Disorders. Progress in Molecular and Subcellular Biology, 2021, 59, 239-278.	1.6	2
872	Inflammation at the Crossroads: the Combined Effects of COVID-19, Ageing, and Air Pollution. Journal of Frailty & Aging,the, 2021, 10, 1-5.	1.3	7
873	Hypothalamic gene transfer of BDNF promotes healthy aging. Vitamins and Hormones, 2021, 115, 39-66.	1.7	1
874	Redox Homeostasis in Poultry: Regulatory Roles of NF-ÎºB. Antioxidants, 2021, 10, 186.	5.1	28
875	Hypothalamic microinflammation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 181, 311-322.	1.8	6
876	Tauroursodeoxycholic Acid Attenuates Diet-Induced and Age-Related Peripheral Endoplasmic Reticulum Stress and Cerebral Amyloid Pathology in a Mouse Model of Alzheimerâ€™s Disease. journal of prevention of Alzheimer's disease, The, 2021, 8, 1-12.	2.7	6
877	Central signalling crossâ€talk between insulin and leptin in glucose and energy homeostasis. Journal of Neuroendocrinology, 2021, 33, e12944.	2.6	19
878	Hypothalamic Inflammation as a Potential Pathophysiologic Basis for the Heterogeneity of Clinical, Hormonal, and Metabolic Presentation in PCOS. Nutrients, 2021, 13, 520.	4.1	16
879	Neuroprotective Effects of Testosterone in the Hypothalamus of an Animal Model of Metabolic Syndrome. International Journal of Molecular Sciences, 2021, 22, 1589.	4.1	13
880	O-Linked N-Acetylglucosamine Modification of Mitochondrial Antiviral Signaling Protein Regulates Antiviral Signaling by Modulating Its Activity. Frontiers in Immunology, 2020, 11, 589259.	4.8	5
881	The Role of Hypothalamic Inflammation in Diet-Induced Obesity and Its Association with Cognitive and Mood Disorders. Nutrients, 2021, 13, 498.	4.1	33

#	Article	IF	Citations
882	Hypothalamic Microglial Heterogeneity and Signature under High Fat Dietâ€"Induced Inflammation. International Journal of Molecular Sciences, 2021, 22, 2256.	4.1	13
883	Palmitic acid promotes resistin-induced insulin resistance and inflammation in SH-SY5Y human neuroblastoma. Scientific Reports, 2021, 11, 5427.	3.3	20
884	Linking atypical depression and insulin resistance-related disorders via low-grade chronic inflammation: Integrating the phenotypic, molecular and neuroanatomical dimensions. Brain, Behavior, and Immunity, 2021, 93, 335-352.	4.1	24
885	LKB1 up-regulation inhibits hypothalamic inflammation and attenuates diet-induced obesity in mice. Metabolism: Clinical and Experimental, 2021, 116, 154694.	3.4	11
886	Metabolic Regulation of Hypoxia-Inducible Factors in Hypothalamus. Frontiers in Endocrinology, 2021, 12, 650284.	3.5	1
887	Health Beneficial Properties of Spirulina in Preventing Non-Communicable Diseases - The Green Metabolic Regulator from the Sea. Sains Malaysiana, 2021, 50, 803-819.	0.5	0
888	The chemical chaperon 4-phenyl butyric acid restored high-fat diet- induced hippocampal insulin content and insulin receptor level reduction along with spatial learning and memory deficits in male rats. Physiology and Behavior, 2021, 231, 113312.	2.1	5
889	Obesity as a Risk Factor for Severe COVID-19 and Complications: A Review. Cells, 2021, 10, 933.	4.1	71
891	STAT3 phosphorylation in central leptin resistance. Nutrition and Metabolism, 2021, 18, 39.	3.0	36
892	Hypothalamic Regulatory Mechanisms of Aging. Journal of Evolutionary Biochemistry and Physiology, 2021, 57, 473-491.	0.6	10
893	Maternal obesity interrupts the coordination of the unfolded protein response and heat shock response in the postnatal developing hypothalamus of male offspring in mice. Molecular and Cellular Endocrinology, 2021, 527, 111218.	3.2	3
894	Microglial Lipid Biology in the Hypothalamic Regulation of Metabolic Homeostasis. Frontiers in Endocrinology, 2021, 12, 668396.	3.5	18
895	FFAR4: A New Player in Cardiometabolic Disease?. Endocrinology, 2021, 162, .	2.8	13
896	High-fat diet promotes hypothalamic inflammation in animal models: a systematic review. Nutrition Reviews, 2022, 80, 392-399.	5.8	7
897	Microgliaâ€"Neuron Crosstalk in Obesity: Melodious Interaction or Kiss of Death?. International Journal of Molecular Sciences, 2021, 22, 5243.	4.1	10
898	Leptin Receptors Are Not Required for Roux-en-Y Gastric Bypass Surgery to Normalize Energy and Glucose Homeostasis in Rats. Nutrients, 2021, 13, 1544.	4.1	2
899	The Impact of Obesity on Microglial Function: Immune, Metabolic and Endocrine Perspectives. Cells, 2021, 10, 1584.	4.1	31
900	Roux-en-Y gastric bypass contributes to weight loss-independent improvement in hypothalamic inflammation and leptin sensitivity through gut-microglia-neuron-crosstalk. Molecular Metabolism, 2021, 48, 101214.	6.5	20

#	Article	IF	Citations
901	Hypothalamic Astrocytes as a Specialized and Responsive Cell Population in Obesity. International Journal of Molecular Sciences, 2021, 22, 6176.	4.1	16
902	Case Report: A Clinical and Genetic Analysis of Childhood Growth Hormone Deficiency With Familial Hypercholesterolemia. Frontiers in Endocrinology, 2021, 12, 691490.	3.5	3
903	Brain insulin signalling in metabolic homeostasis and disease. Nature Reviews Endocrinology, 2021, 17, 468-483.	9.6	70
904	Fatty acids role on obesity induced hypothalamus inflammation: From problem to solution â€“ A review. Trends in Food Science and Technology, 2021, 112, 592-607.	15.1	18
905	C1q/TNF-related protein 4 restores leptin sensitivity by downregulating NF-ÎºB signaling and microglial activation. Journal of Neuroinflammation, 2021, 18, 159.	7.2	19
906	Nutrition, Exercise, and Stress Management for Treatment and Prevention of Psychiatric Disorders. A Narrative Review Psychoneuroendocrineimmunology-Based. Endocrines, 2021, 2, 226-240.	1.0	3
907	Drugâ€like sphingolipid SHâ€BCâ€893 opposes ceramideâ€induced mitochondrial fission and corrects dietâ€induced obesity. EMBO Molecular Medicine, 2021, 13, e13086.	6.9	17
908	Inflammation in Metabolic and Cardiovascular Disordersâ€"Role of Oxidative Stress. Life, 2021, 11, 672.	2.4	15
909	Genetically incorporated crosslinkers reveal NleE attenuates host autophagy dependent on PSMD10. ELife, 2021, 10, .	6.0	5
910	TSPO: an emerging role in appetite for a therapeutically promising biomarker. Open Biology, 2021, 11, 210173.	3.6	5
911	The PPARg System in Major Depression: Pathophysiologic and Therapeutic Implications. International Journal of Molecular Sciences, 2021, 22, 9248.	4.1	18
912	Hypothalamic long noncoding RNA AK044061 is involved in the development of dietary obesity in mice. International Journal of Obesity, 2021, 45, 2638-2647.	3.4	4
913	Creation of an Anti-Inflammatory, Leptin-Dependent Anti-Obesity Celastrol Mimic with Better Druggability. Frontiers in Pharmacology, 2021, 12, 705252.	3.5	3
914	ILâ€20 is involved in obesity by modulation of adipogenesis and macrophage dysregulation. Immunology, 2021, 164, 817-833.	4.4	11
915	Depletion of microglia mitigates cerebrovascular dysfunction in diet-induced obesity mice. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E367-E375.	3.5	3
916	Stimulation of hypothalamic oxytocin neurons suppresses colorectal cancer progression in mice. ELife, 2021, 10, .	6.0	14
917	TLR4-interactor with leucine-rich repeats (TRIL) is involved in diet-induced hypothalamic inflammation. Scientific Reports, 2021, 11, 18015.	3.3	1
918	Does Modern Lifestyle Favor Neuroimmunometabolic Changes? A Path to Obesity. Frontiers in Nutrition, 2021, 8, 705545.	3.7	9

#	Article	IF	Citations
919	Associations of dietary inflammatory potential with postpartum weight change and retention: Results from a cohort study. Obesity, 2021, 29, 1689-1699.	3.0	4
920	Neuronal XRN1 is required for maintenance of whole-body metabolic homeostasis. IScience, 2021, 24, 103151.	4.1	5
921	Ovarian insufficiency impairs glucose-stimulated insulin secretion through activation of hypothalamic de novo ceramide synthesis. Metabolism: Clinical and Experimental, 2021, 123, 154846.	3.4	3
922	Mechanistic insight into high-fat diet-induced metabolic inflammation in the arcuate nucleus of the hypothalamus. Biomedicine and Pharmacotherapy, 2021, 142, 112012.	5.6	15
923	Appetite regulation by plant-derived bioactive peptides for promoting health. Peptides, 2021, 144, 170608.	2.4	9
924	Role of hypothalamic de novo ceramides synthesis in obesity and associated metabolic disorders. Molecular Metabolism, 2021, 53, 101298.	6.5	10
925	Mini review: The relationship between energy status and adult hippocampal neurogenesis. Neuroscience Letters, 2021, 765, 136261.	2.1	13
926	Effects of dietary patterns, exercise on neuroinflammation: Perspective and future studies. , 2022, , 281-299.		0
927	Worldwide flavor enhancer monosodium glutamate combined with high lipid diet provokes metabolic alterations and systemic anomalies: An overview. Toxicology Reports, 2021, 8, 938-961.	3.3	50
928	Non-shivering Thermogenesis Signalling Regulation and Potential Therapeutic Applications of Brown Adipose Tissue. International Journal of Biological Sciences, 2021, 17, 2853-2870.	6.4	30
929	Sleep, Circadian Rhythms and Metabolism. , 2011, , 229-255.		2
930	Lipid Mediators in Metabolic Syndrome and Neurological Disorders. , 2013, , 103-141.		1
931	Neurochemical Effects of Long Term Consumption of Simple Carbohydrates. , 2015, , 77-117.		1
932	Diet-Induced Obesity and the Mechanism of Leptin Resistance. Advances in Experimental Medicine and Biology, 2017, 960, 381-397.	1.6	59
933	Eat and Death: Chronic Over-Eating. Advances in Experimental Medicine and Biology, 2017, 960, 53-80.	1.6	16
934	Targeting Type 2 Diabetes. Handbook of Experimental Pharmacology, 2011, , 1-33.	1.8	8
935	Three Effective Ways to Nurture Our Brain. European Psychologist, 2017, 22, 101-120.	3.1	13
936	Reversal of prolonged obesity-associated cerebrovascular dysfunction by inhibiting microglial Tak1. Nature Neuroscience, 2020, 23, 832-841.	14.8	22

#	Article	IF	Citations
937	Impact of nutrient overload on metabolic homeostasis. Nutrition Reviews, 2018, 76, 693-707.	5.8	28
939	Roux-en-Y gastric bypass surgery progressively alters radiologic measures of hypothalamic inflammation in obese patients. JCI Insight, 2019, 4, .	5.0	12
940	Sex-specific brain erythropoietin regulation of mouse metabolism and hypothalamic inflammation. JCI Insight, 2020, 5, .	5.0	14
941	Deletion of p22phox-dependent oxidative stress in the hypothalamus protects against obesity by modulating Î²3-adrenergic mechanisms. JCI Insight, 2017, 2, e87094.	5.0	10
942	Obesity-induced hepatic steatosis is mediated by endoplasmic reticulum stress in the subfornical organ of the brain. JCI Insight, 2017, 2, .	5.0	20
943	IKKÎ² is a Î²-catenin kinase that regulates mesenchymal stem cell differentiation. JCI Insight, 2018, 3, .	5.0	28
944	Gut-derived GIP activates central Rap1 to impair neural leptin sensitivity during overnutrition. Journal of Clinical Investigation, 2019, 129, 3786-3791.	8.2	62
945	Hematopoietic AMPK Î²1 reduces mouse adipose tissue macrophage inflammation and insulin resistance in obesity. Journal of Clinical Investigation, 2011, 121, 4903-4915.	8.2	291
946	PPARÎ³ ablation sensitizes proopiomelanocortin neurons to leptin during high-fat feeding. Journal of Clinical Investigation, 2014, 124, 4017-4027.	8.2	50
947	IRF3 promotes adipose inflammation and insulin resistance and represses browning. Journal of Clinical Investigation, 2016, 126, 2839-2854.	8.2	134
948	Hypothalamic ERâ€“associated degradation regulates POMC maturation, feeding, and age-associated obesity. Journal of Clinical Investigation, 2018, 128, 1125-1140.	8.2	54
949	Unsaturated Fatty Acids Revert Diet-Induced Hypothalamic Inflammation in Obesity. PLoS ONE, 2012, 7, e30571.	2.5	292
950	Ursodeoxycholic Acid but Not Tauroursodeoxycholic Acid Inhibits Proliferation and Differentiation of Human Subcutaneous Adipocytes. PLoS ONE, 2013, 8, e82086.	2.5	17
951	Central Inflammation and Leptin Resistance Are Attenuated by Ginsenoside Rb1 Treatment in Obese Mice Fed a High-Fat Diet. PLoS ONE, 2014, 9, e92618.	2.5	78
952	Maternal Obesity in Sheep Increases Fatty Acid Synthesis, Upregulates Nutrient Transporters, and Increases Adiposity in Adult Male Offspring after a Feeding Challenge. PLoS ONE, 2015, 10, e0122152.	2.5	39
953	Endoplasmic Reticulum Stress Impairs Insulin Receptor Signaling in the Brains of Obese Rats. PLoS ONE, 2015, 10, e0126384.	2.5	37
954	Blocking Nuclear Factor-Kappa B Protects against Diet-Induced Hepatic Steatosis and Insulin Resistance in Mice. PLoS ONE, 2016, 11, e0149677.	2.5	27
955	Beneficial Effects of Metformin and/or Salicylate on Palmitate- or TNFÎ±-Induced Neuroinflammatory Marker and Neuropeptide Gene Regulation in Immortalized NPY/AgRP Neurons. PLoS ONE, 2016, 11, e0166973.	2.5	26

#	Article	IF	Citations
956	Developmental Stage, Muscle and Genetic Type Modify Muscle Transcriptome in Pigs: Effects on Gene Expression and Regulatory Factors Involved in Growth and Metabolism. PLoS ONE, 2016, 11, e0167858.	2.5	56
957	Gender difference in NASH susceptibility: Roles of hepatocyte IkkÎ² and Sult1e1. PLoS ONE, 2017, 12, e0181052.	2.5	14
958	Astragaloside IV Prevents Obesity-Associated Hypertension by Improving Pro-Inflammatory Reaction and Leptin Resistance. Molecules and Cells, 2018, 41, 244-255.	2.6	37
959	The melanocortin pathway and control of appetite-progress and therapeutic implications. Journal of Endocrinology, 2019, 241, R1-R33.	2.6	143
960	Leptin resensitisation: a reversion of leptin-resistant states. Journal of Endocrinology, 2019, 241, R81-R96.	2.6	64
961	Vertical sleeve gastrectomy improves liver and hypothalamic functions in obese mice. Journal of Endocrinology, 2019, 241, 135-147.	2.6	8
962	Could de-stressing the brain be the solution for long-term weight loss?. Cell Stress, 2019, 3, 29-37.	3.2	3
963	Regulation of energy metabolism by inflammation: A feedback response in obesity and calorie restriction. Aging, 2010, 2, 361-368.	3.1	134
964	Novel roles for JNK1 in metabolism. Aging, 2010, 2, 621-626.	3.1	32
965	Leptin and Aging. Aging, 2014, 6, 82-83.	3.1	16
966	Soy isoflavones improve the oxidative stress induced hypothalamic inflammation and apoptosis in high fat diet-induced obese male mice through PGC1-alpha pathway. Aging, 2020, 12, 8710-8727.	3.1	16
967	Analysis of the correlation between lipotoxicity and pituitary-thyroid axis hormone levels in men and male rats. Oncotarget, 2016, 7, 39332-39344.	1.8	6
968	Waist Circumference-to-Height Ratio Detected in a Convenient Sample of Young Slovak People with Increased Cardio-Metabolic Risk. Central European Journal of Public Health, 2016, 24, 95-102.	1.1	5
969	Resveratrol as a Protective Molecule for Neuroinflammation: A Review of Mechanisms. Current Pharmaceutical Biotechnology, 2014, 15, 318-329.	1.6	29
970	Insulin Resistance in Brain and Possible Therapeutic Approaches. Current Vascular Pharmacology, 2014, 12, 553-564.	1.7	36
971	Is â€œLeptin Resistanceâ€•Another Key Resistance to Manage Type 2 Diabetes?. Current Diabetes Reviews, 2020, 16, 733-749.	1.3	8
972	Immunometabolic control of homeostasis and inflammation. Inflammation and Regeneration, 2015, 35, 185-192.	3.7	2
973	Leptin receptor signaling: pathways to leptin resistance. Frontiers in Bioscience - Landmark, 2011, 16, 2771.	3.0	140

#	Article	IF	Citations
974	The central nervous system at the core of the regulation of energy homeostasis. Frontiers in Bioscience - Scholar, 2009, S1, 448-465.	2.1	51
975	LINC00365â€'SCGB2A1 axis inhibits the viability of breast cancer through targeting NFâ€'ÎºB signaling. Oncology Letters, 2020, 19, 753-762.	1.8	5
976	Hypothalamic Alterations in Obesity. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2014, 02, .	0.1	1
977	Inhibition of IÎºB Kinase Î² (IKKÎ²) and Anti-diabetic Effect of SA51. Bulletin of the Korean Chemical Society, 2013, 34, 2487-2490.	1.9	1
978	Excitatory transmission onto AgRP neurons is regulated by cJun NH2-terminal kinase 3 in response to metabolic stress. ELife, 2016, 5, e10031.	6.0	28
979	Multifaceted secretion of htNSC-derived hypothalamic islets induces survival and antidiabetic effect via peripheral implantation in mice. ELife, 2020, 9, .	6.0	8
980	CB1R regulates soluble leptin receptor levels via CHOP, contributing to hepatic leptin resistance. ELife, 2020, 9, .	6.0	14
981	Microglia Regulate Neuronal Circuits in Homeostatic and High-Fat Diet-Induced Inflammatory Conditions. Frontiers in Cellular Neuroscience, 2021, 15, 722028.	3.7	17
982	Deficiency of ER Ca2+ sensor STIM1 in AgRP neurons confers protection against dietary obesity. Cell Reports, 2021, 37, 109868.	6.4	7
983	GnRH pulse frequency and irregularity play a role in male aging. Nature Aging, 2021, 1, 904-918.	11.6	4
984	GPX7 Facilitates BMSCs Osteoblastogenesis via ER Stress and mTOR Pathway. Journal of Cellular and Molecular Medicine, 2021, 25, 10454-10465.	3.6	14
985	Postmortem mitochondrial membrane permeability transition assessment of apoptotic cell death in brain and liver of insulin resistant, ovariectomised rats. IBRO Neuroscience Reports, 2021, 11, 156-163.	1.6	1
987	Obesity and ER Stress. The Korean Journal of Obesity, 2011, 20, 45.	0.2	0
988	The Role of Adipose Tissue Vasculature in Energy Balance. Journal of Korean Society of Pediatric Endocrinology, 2011, 16, 139.	0.2	3
989	Inflammation of the adipose tissue (part 7). Non-medicamental treatment. Problemy Endokrinologii, 2012, 58, 62-70.	0.8	0
990	Metabolic Syndrome as a Risk Factor for Stroke. , 2013, , 235-280.		0
991	Improvement of Leptin Resistance. Yeungnam University Journal of Medicine, 2013, 30, 4.	0.1	1
992	Impact des cytokines pro-inflammatoires sur la signalisation insulinique de lâ€™adipocyte. , 2013, , 303-323.		0

#	Article	IF	Citations
993	The Central Nervous System in Metabolic Syndrome. , 2014, , 137-156.		0
994	Summary, Perspective and Direction for Future Studies. , 2014, , 329-349.		0
995	Hypothalamic Pathophysiology in the Neuroimmune,Dysmetabolic and Longevity Complications of Chronic Opiate Dependency. Journal of Forensic Toxicology and Pharmacology, 2014, 03, .	0.1	0
997	Insulin Resistance in Obesity. , 2015, , 1-29.		0
998	Insulin Resistance in Obesity. , 2015, , 1-29.		0
999	The Role of Diet in Inflammation and Metabolic Syndrome. , 2015, , 3-22.		0
1000	Anti-inflammatory Diets to Reduce Gestational Problems Caused by Obesity, Metabolic Syndrome, and Diabetes. , 2015, , 203-216.		2
1001	Cardiometabolic Risk, Inflammation, and Neurodegenerative Disorders. , 2015, , 133-159.		1
1002	Effect of treadmill exercise on ER stress and insulin resistance in the hippocampus of high-fat diet fed rats. Exercise Science, 2015, 24, 143-151.	0.3	0
1005	Obesity and Neuroinflammation. , 2016, , 297-323.		0
1006	The potential crosstalk between the brain and adipose tissue in Obesity. European Medical Health and Pharmaceutical Journal, 2016, 9, .	0.0	0
1007	Assessment of Pedometer Counts, Physical Activity Level, Energy Expenditure, and Energy Balance of Weekdays and Weekend in Male High School Students. Journal of the Korean Dietetic Association, 2016, 22, 131-142.	0.3	6
1008	Co-transplantation Strategies and Combination Therapies for Stroke. , 2017, , 167-200.		0
1009	ThermoTRPs. , 2017, , 265-275.		0
1010	ThermoTRPs: Role in Aging. Frontiers in Neuroscience, 2017, , 265-276.	0.0	0
1011	7. The role of diet in systemic and neural inflammation in obesity and metabolic syndrome. Human Health Handbooks, 2017, , 131-166.	0.1	0
1012	Existing and prospective pathways for intervention in treatment of obesity in a novel wayâ€'a review. MOJ Drug Design Development & Therapy, 2018, 2, .	0.1	1
1014	The Dopamine Receptor Subtype 2 (DRD2) Regulates the Central Reinforcing Actions of Dietary Lipids in Humans and Rodents. SSRN Electronic Journal, 0, , .	0.4	1

#	Article	IF	Citations
1018	Pharmacological management of cerebral ischemia in the elderly. Expert Opinion on Pharmacotherapy, 2021, 22, 897-906.	1.8	4
1019	Use of Bao Gui capsule in treatment of a polycystic ovary syndrome rat model. Molecular Medicine Reports, 2020, 21, 1461-1470.	2.4	4
1021	Malnutrition in Obesity: Is It Possible?. Obesity Facts, 2022, 15, 19-25.	3.4	42
1024	Factors increasing the risk of mortality and morbidity due to coronavirus infection in patients with metabolic syndrome. Precision and Future Medicine, 2020, 4, 83-90.	1.6	2
1025	Disparity among neural injury models and the unfolded protein response. , 2014, 2, .		1
1026	Update on the role of endoplasmic reticulum stress in asthma. American Journal of Translational Research (discontinued), 2020, 12, 1168-1183.	0.0	9
1027	Cyanidin-3-O-glucoside downregulates ligation-activated endoplasmic reticulum stress and alleviates induced periodontal destruction in rats. Archives of Oral Biology, 2022, 134, 105313.	1.8	4
1028	Regulation of the Fructose Transporter Gene Slc2a5 Expression by Glucose in Cultured Microglial Cells. International Journal of Molecular Sciences, 2021, 22, 12668.	4.1	9
1030	IBF-R Regulates IRE1Î± Post-Translational Modifications and ER Stress in High-Fat Diet-Induced Obese Mice. Nutrients, 2022, 14, 217.	4.1	6
1031	Targeting the Gut in Obesity: Signals from the Inner Surface. Metabolites, 2022, 12, 39.	2.9	3
1032	Hypothalamic Microinflammation: New Paradigm In Obesity And Metabolic Disease. Indonesian Biomedical Journal, 2020, 12, 201-13.	0.3	0
1033	Effect of Propionic Acid on Diabetes-Induced Impairment of Unfolded Protein Response Signaling and Astrocyte/Microglia Crosstalk in Rat Ventromedial Nucleus of the Hypothalamus. Neural Plasticity, 2022, 2022, 1-26.	2.2	10
1034	A systematic review and metaâ€analysis on the cardioâ€protective activity of naringin based on preâ€clinical evidences. Phytotherapy Research, 2022, 36, 1064-1092.	5.8	9
1035	ER stress in obesity pathogenesis and management. Trends in Pharmacological Sciences, 2022, 43, 97-109.	8.7	42
1036	An enriched environment re-establishes metabolic homeostasis by reducing obesity-induced inflammation. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	8
1037	Beneficial effects of metformin supplementation in hypothalamic paraventricular nucleus and arcuate nucleus of type 2 diabetic rats. Toxicology and Applied Pharmacology, 2022, 437, 115893.	2.8	4
1038	IKKÎ² signaling mediates metabolic changes in the hypothalamus of a Huntington disease mouse model. IScience, 2022, 25, 103771.	4.1	3
1039	Genetic variation in satiety signaling and hypothalamic inflammation: merging fields for the study of obesity. Journal of Nutritional Biochemistry, 2022, 101, 108928.	4.2	4

#	Article	IF	Citations
1040	Early Life Stress, Brain Development, and Obesity Risk: Is Oxytocin the Missing Link?. Cells, 2022, 11, 623.	4.1	4
1041	Thermodynamics and Inflammation: Insights into Quantum Biology and Ageing. Quantum Reports, 2022, 4, 47-74.	1.3	5
1042	The timeline of neuronal and glial alterations in experimental obesity. Neuropharmacology, 2022, 208, 108983.	4.1	7
1043	Metformin Treatment Attenuates Brain Inflammation and Rescues PACAP/VIP Neuropeptide Alterations in Mice Fed a High-Fat Diet. International Journal of Molecular Sciences, 2021, 22, 13660.	4.1	12
1044	TIMP2 mediates endoplasmic reticulum stress contributing to sepsisâ€induced acute kidney injury. FASEB Journal, 2022, 36, e22228.	0.5	13
1045	Role of Hypothalamic Reactive Astrocytes in Diet-Induced Obesity. Molecules and Cells, 2022, 45, 65-75.	2.6	12
1046	Prenatal Progestin Exposure-Mediated Oxytocin Suppression Contributes to Social Deficits in Mouse Offspring. Frontiers in Endocrinology, 2022, 13, 840398.	3.5	3
1047	Longitudinal Evidence of a Vicious Cycle Between Nucleus Accumbens Microstructure and Childhood Weight Gain. Journal of Adolescent Health, 2022, 70, 961-969.	2.5	12
1048	Using Intermittent Fasting as a Non-pharmacological Strategy to Alleviate Obesity-Induced Hypothalamic Molecular Pathway Disruption. Frontiers in Nutrition, 2022, 9, 858320.	3.7	3
1049	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome. Molecular Metabolism, 2022, 59, 101465.	6.5	6
1050	Leptin: an entry point for the treatment of peripheral tissue fibrosis and related diseases. International Immunopharmacology, 2022, 106, 108608.	3.8	5
1051	Trimethylamine N-oxide (TMAO) drives insulin resistance and cognitive deficiencies in a senescence accelerated mouse model. Mechanisms of Ageing and Development, 2022, 204, 111668.	4.6	16
1052	Recent Advances in Understanding the Role of IKKÎ² in Cardiometabolic Diseases. Frontiers in Cardiovascular Medicine, 2021, 8, 752337.	2.4	13
1053	The relation between obesity, kisspeptin, leptin, and male fertility. Hormone Molecular Biology and Clinical Investigation, 2022, 43, 235-247.	0.7	6
1054	Hypothalamic inflammation in metabolic disorders and aging. Cellular and Molecular Life Sciences, 2022, 79, 1.	5.4	19
1055	GABA and Fermented Curcuma longa L. Extract Enriched with GABA Ameliorate Obesity through Nox4-IRE1Î± Sulfonation-RIDD-SIRT1 Decay Axis in High-Fat Diet-Induced Obese Mice. Nutrients, 2022, 14, 1680.	4.1	7
1056	Disruption of Pituitary Gonadotrope Activity in Male Rats After Short- or Long-Term High-Fat Diets Is Not Associated With Pituitary Inflammation. Frontiers in Endocrinology, 2022, 13, 877999.	3.5	0
1057	Mediators of Amylin Action in Metabolic Control. Journal of Clinical Medicine, 2022, 11, 2207.	2.4	9

#	Article	IF	Citations
1058	Microglial FABP4-UCP2 Axis Modulates Neuroinflammation and Cognitive Decline in Obese Mice. International Journal of Molecular Sciences, 2022, 23, 4354.	4.1	8
1059	Hypothalamic syndrome. Nature Reviews Disease Primers, 2022, 8, 24.	30.5	42
1060	The roles of cell-cell and organ-organ crosstalk in the type 2 diabetes mellitus associated inflammatory microenvironment. Cytokine and Growth Factor Reviews, 2022, 66, 15-25.	7.2	14
1072	Roles of the Unsaturated Fatty Acid Docosahexaenoic Acid in the Central Nervous System: Molecular and Cellular Insights. International Journal of Molecular Sciences, 2022, 23, 5390.	4.1	13
1073	The central nervous system control of energy homeostasis: High fat diet induced hypothalamic microinflammation and obesity. Brain Research Bulletin, 2022, 185, 99-106.	3.0	5
1075	Development and the Art of Nutritional Maintenance. British Journal of Nutrition, 2022, , 1-24.	2.3	0
1076	Effect of Cyclic Heat Stress on Hypothalamic Oxygen Homeostasis and Inflammatory State in the Jungle Fowl and Three Broiler-Based Research Lines. Frontiers in Veterinary Science, 2022, 9, .	2.2	4
1077	Longâ€term priming of hypothalamic microglia is associated with energy balance disturbances under dietâ€induced obesity. Glia, 2022, 70, 1734-1761.	4.9	11
1078	Obesity and the Brain. International Journal of Molecular Sciences, 2022, 23, 6145.	4.1	8
1079	Probiotics for obesity and metabolic syndrome prevention and treatment. , 2022, , 463-484.		0
1080	Inhibition of TRPA1 Ameliorates Periodontitis by Reducing Periodontal Ligament Cell Oxidative Stress and Apoptosis via PERK/eIF2Î±/ATF-4/CHOP Signal Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	4.0	6
1081	Signaling Pathways Related to Oxidative Stress in Diabetic Cardiomyopathy. Frontiers in Endocrinology, 0, 13, .	3.5	39
1082	Associations of Cord Blood Lipids with Childhood Adiposity at the Age of Three Years: A Prospective Birth Cohort Study. Metabolites, 2022, 12, 522.	2.9	2
1083	Maternal free fatty acid concentration during pregnancy is associated with newborn hypothalamic microstructure in humans. Obesity, 2022, 30, 1462-1471.	3.0	9
1085	An evidence review of the association of immune and inflammatory markers with obesity-related eating behaviors. Frontiers in Immunology, 0, 13, .	4.8	2
1086	Adipose tissue, systematic inflammation, and neurodegenerative diseases. Neural Regeneration Research, 2023, 18, 38.	3.0	21
1087	Brain fractalkine-CX3CR1 signalling is anti-obesity system as anorexigenic and anti-inflammatory actions in diet-induced obese mice. Scientific Reports, 2022, 12, .	3.3	2
1088	Glial cells as integrators of peripheral and central signals in the regulation of energy homeostasis. Nature Metabolism, 2022, 4, 813-825.	11.9	19

#	Article	IF	Citations
1089	Effects of obesity on neuroinflammatory and neurochemical parameters in an animal model of reserpine-induced Parkinson's disease. Behavioural Brain Research, 2022, 434, 114019.	2.2	1
1090	Overnutrition Induced Cognitive Impairment: Insulin Resistance, Gut-Brain Axis, and Neuroinflammation. Frontiers in Neuroscience, 0, 16, .	2.8	12
1091	The influence of parental high-fat high-sugar diet on the gut-brain axis in male offspring. Food Research International, 2022, 160, 111706.	6.2	2
1092	MANF in POMC Neurons Promotes Brown Adipose Tissue Thermogenesis and Protects Against Diet-Induced Obesity. Diabetes, 2022, 71, 2344-2359.	0.6	6
1093	Effects of maternal high-fat diet on the hypothalamic components related to food intake and energy expenditure in mice offspring. Life Sciences, 2022, 307, 120880.	4.3	1
1094	ER stress and inflammation crosstalk in obesity. Medicinal Research Reviews, 2023, 43, 5-30.	10.5	19
1095	Somatic ablation of <scp>IKKÎ²</scp> in liver and leukocytes is not tolerated in obese mice but hepatic <scp>IKKÎ²</scp> deletion improves fatty liver and insulin sensitivity. FASEB Journal, 2022, 36, .	0.5	1
1096	NF-Î°B: blending metabolism, immunity, and inflammation. Trends in Immunology, 2022, 43, 757-775.	6.8	121
1097	Endoplasmic Reticulum Stress-Relieving Effect of Quercetin in Thapsigargin-Treated Hepatocytes. Food Supplements and Biomaterials for Health, 2022, 2, .	0.2	0
1098	Role of bioactive lipids in obesity. , 2023, , 133-167.		0
1099	Hypothalamic Hnscr regulates glucose balance by mediating central inflammation and insulin signal. Cell Proliferation, 0, , .	5.3	1
1101	The role of hypothalamic endoplasmic reticulum stress in schizophrenia and antipsychotic-induced weight gain: A narrative review. Frontiers in Neuroscience, 0, 16, .	2.8	10
1102	Sodiumâ€“glucose cotransporter 2 inhibitor ameliorates high fat dietâ€induced hypothalamicâ€“pituitaryâ€“ovarian axis disorders. Journal of Physiology, 2022, 600, 4549-4568.	2.9	3
1103	UPRmt and coordinated UPRER in type 2 diabetes. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	8
1104	Inflammation in VTA Caused by HFD Induces Activation of Dopaminergic Neurons Accompanied by Binge-like Eating. Nutrients, 2022, 14, 3835.	4.1	4
1105	Plasma membrane and brain dysfunction of the old: Do we age from our membranes?. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	2
1106	Proteomic analysis of diabetes genetic risk scores identifies complement C2 and neuropilin-2 as predictors of type 2 diabetes: the Atherosclerosis Risk in Communities (ARIC) Study. Diabetologia, 2023, 66, 105-115.	6.3	6
1107	Trends in Gliosis in Obesity, and the Role of Antioxidants as a Therapeutic Alternative. Antioxidants, 2022, 11, 1972.	5.1	3

#	Article	IF	Citations
1108	The Significance of Hypothalamic Inflammation and Gliosis for the Pathogenesis of Obesity in Humans. Endocrine Reviews, 2023, 44, 281-296.	20.1	9
1110	p38Î± in the preoptic area inhibits <scp>brown adipose tissue</scp> thermogenesis. Obesity, 2022, 30, 2242-2255.	3.0	2
1111	Hypothalamic TTF-1 orchestrates the sensitivity of leptin. Molecular Metabolism, 2022, 66, 101636.	6.5	2
1112	Calorie restriction, but not Rouxâ€enâ€Y gastric bypass surgery, increases [³ H] PK11195 binding in a rat model of obesity. Synapse, 0, , .	1.2	0
1113	Short-term high-fat diet alters the mouse brain magnetic resonance imaging parameters consistently with neuroinflammation on males and metabolic rearrangements on females. A pre-clinical study with an optimized selection of linear mixed-effects models. Frontiers in Neuroscience, 0, 16, .	2.8	3
1114	Selenium in Bodily Homeostasis: Hypothalamus, Hormones, and Highways of Communication. International Journal of Molecular Sciences, 2022, 23, 15445.	4.1	14
1115	Mechanisms mediating the impact of maternal obesity on offspring hypothalamic development and later function. Frontiers in Endocrinology, 0, 13, .	3.5	2
1117	Anti-Inflammatory and Antioxidative Phytogenic Substances against Secret Killers in Poultry: Current Status and Prospects. Veterinary Sciences, 2023, 10, 55.	1.7	15
1118	Effects ofGlycyrrhizapolysaccharide on growth performance, appetite, and hypothalamic inflammation in broilers. Journal of Animal Science, 2023, 101, .	0.5	4
1119	Obesogenic Diet-Induced Neuroinflammation: A Pathological Link between Hedonic and Homeostatic Control of Food Intake. International Journal of Molecular Sciences, 2023, 24, 1468.	4.1	6
1120	Obesity-Induced Brain Neuroinflammatory and Mitochondrial Changes. Metabolites, 2023, 13, 86.	2.9	17
1121	Impact of Sugars on Hypothalamic Satiety Pathways and Its Contribution to Dysmetabolic States. International Journal of Diabetology, 2023, 4, 1-10.	2.0	0
1122	Fine particulate matter induces adipose tissue expansion and weight gain: Pathophysiology. Obesity Reviews, 2023, 24, .	6.5	5
1123	Exercise Restores Hypothalamic Health in Obesity by Reshaping the Inflammatory Network. Antioxidants, 2023, 12, 297.	5.1	3
1124	Intermittent food restriction upregulates critical hypothalamic genes involved in energy regulation imbalance. Nutrition, 2023, 110, 112006.	2.4	2
1125	Bornyl acetate: A promising agent in phytomedicine for inflammation and immune modulation. Phytomedicine, 2023, 114, 154781.	5.3	6
1126	Emerging role of hypothalamus in the metabolic regulation in the offspring of maternal obesity. Frontiers in Nutrition, 0, 10, .	3.7	1
1127	Maternal pre-pregnancy body mass index is associated with newborn offspring hypothalamic mean diffusivity: a prospective dual-cohort study. BMC Medicine, 2023, 21, .	5.5	4

#	Article	IF	Citations
1128	Implications of Hypothalamic Neural Stem Cells on Aging and Obesity-Associated Cardiovascular Diseases. Cells, 2023, 12, 769.	4.1	4
1129	Is human obesity an inflammatory disease of the hypothalamus?. European Journal of Endocrinology, 2023, 188, R37-R45.	3.7	7
1130	Metabolic and Transcriptomic Changes in the Mouse Brain in Response to Short-Term High-Fat Metabolic Stress. Metabolites, 2023, 13, 407.	2.9	0
1131	Possible Implications of Obesity-Primed Microglia that Could Contribute to Stroke-Associated Damage. Cellular and Molecular Neurobiology, 0, , .	3.3	1
1132	Autophagic Mechanisms in Longevity Intervention: Role of Natural Active Compounds. Expert Reviews in Molecular Medicine, 0, , 1-41.	3.9	0
1133	Palmitate alters <scp>miR</scp> â€2137 and <scp>miR</scp> â€503â€5p to induce orexigenic Npy in hypothalamic neuronal cell models: Rescue by oleate and docosahexaenoic acid. Journal of Neuroendocrinology, 0, , .	2.6	4
1134	TLR4 in POMC neurons regulates thermogenesis in a sex-dependent manner. Journal of Lipid Research, 2023, 64, 100368.	4.2	3
1135	Antiâ€neuroinflammation effects of transcutaneous auricular vagus nerve stimulation against depressionâ€like behaviors via hypothalamic <scp>Î±7nAchR</scp>/<scp>JAK2</scp>/<scp>STAT3</scp>/<scp>NFâ€ÎºB</scp> pathway in rats exposed to chronic unpredictable mild stress. CNS Neuroscience and Therapeutics, 2023, 29, 2634-2644.	3.9	4
1136	Insights on the NF-ÎºB system in polycystic ovary syndrome, attractive therapeutic targets. Molecular and Cellular Biochemistry, 2024, 479, 467-486.	3.1	0
1137	Sarcopenic Obesity: Involvement of Oxidative Stress and Beneficial Role of Antioxidant Flavonoids. Antioxidants, 2023, 12, 1063.	5.1	5
1138	Brain insulin signaling suppresses lipolysis in the absence of peripheral insulin receptors and requires the MAPK pathway. Molecular Metabolism, 2023, 73, 101723.	6.5	2
1139	Ageing, Metabolic Dysfunction, and the Therapeutic Role of Antioxidants. Sub-Cellular Biochemistry, 2023, , 341-435.	2.4	2
1140	The Neurobiology of Eating Behavior in Obesity: Mechanisms and Therapeutic Targets: A Report from the 23rd Annual Harvard Nutrition Obesity Symposium. American Journal of Clinical Nutrition, 2023, 118, 314-328.	4.7	2
1141	Supplementation with CO induces lipogenesis in adipose tissue, leptin and insulin resistance in healthy Swiss mice. Journal of Functional Foods, 2023, 106, 105600.	3.4	0
1142	Signaling pathways and intervention for therapy of type 2 diabetes mellitus. MedComm, 2023, 4, .	7.2	5
1143	Effect of diet and nutrition on neuroinflammation: An overview. , 2023, , 597-611.		0
1144	A dahlia flower extract has anti-diabetic properties by improving insulin function in the brain. , 0, , .		0
1145	Natural polysaccharides protect against diet-induced obesity by improving lipid metabolism and regulating the immune system. Food Research International, 2023, 172, 113192.	6.2	4

#	Article	IF	Citations
1147	Dietary wheat gluten induces astroâ€•and microgliosis in the hypothalamus of male mice. Journal of Neuroendocrinology, 2023, 35, .	2.6	0
1148	Prostaglandin E ₂ activates melanin-concentrating hormone neurons to drive diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.1	0
1150	L-carnitine and Acetyl-L Carnitine: A Possibility for Treating Alterations Induced by Obesity in the Central Nervous System. Neurochemical Research, 0, , .	3.3	1
1151	Obesity-associated microglial inflammatory activation paradoxically improves glucose tolerance. Cell Metabolism, 2023, 35, 1613-1629.e8.	16.2	3
1152	Effects of bariatric surgery and dietary interventions for obesity on brain neurotransmitter systems and metabolism: A systematic review of positron emission tomography (PET) and singleâ€•photon emission computed tomography (SPECT) studies. Obesity Reviews, 2023, 24, .	6.5	1
1153	The suggestions of ancient Chinese philosophy and medicine for contemporary scientific research, and integrative care.. , 2024, 5, 100024.		1
1154	Changes of Signaling Pathways in Hypothalamic Neurons with Aging. Current Issues in Molecular Biology, 2023, 45, 8289-8308.	2.4	0
1155	Perinatal metabolic inflammation in the hypothalamus impairs the development of homeostatic feeding circuitry. Metabolism: Clinical and Experimental, 2023, 147, 155677.	3.4	1
1156	Recent advances in JAK inhibitors for the treatment of metabolic syndrome. Frontiers in Pharmacology, 0, 14, .	3.5	1
1157	AAV-BDNF gene therapy ameliorates a hypothalamic neuroinflammatory signature in the Magel2-null model of Prader-Willi syndrome. Molecular Therapy - Methods and Clinical Development, 2023, 31, 101108.	4.1	0
1158	Circumventricular organâ€•hypothalamic circuit endoplasmic reticulum stress drives hepatic steatosis during obesity. Obesity, 2024, 32, 59-69.	3.0	0
1159	Exploring therapeutic targets and drug candidates for obesity: a combined network pharmacology, bioinformatics approach. Journal of Biomolecular Structure and Dynamics, 0, , 1-22.	3.5	0
1160	Deciphering the Role of Selenoprotein M. Antioxidants, 2023, 12, 1906.	5.1	0
1161	Hypothalamic FTO promotes high-fat diet-induced leptin resistance in mice through increasing CX3CL1 expression. Journal of Nutritional Biochemistry, 2024, 123, 109512.	4.2	0
1162	Regulation of Macronutrients in Insulin Resistance and Glucose Homeostasis during Type 2 Diabetes Mellitus. Nutrients, 2023, 15, 4671.	4.1	3
1163	Microglia in Central Control of Metabolism. Physiology, 2024, 39, 5-17.	3.1	1
1164	NTRK1-mediated protection against manganese-induced neurotoxicity and cell apoptosis via IGF2 in SH-SY5Y cells. Biomedicine and Pharmacotherapy, 2023, 169, 115889.	5.6	2
1165	Capsaicin supplementation prevents western diet-induced hyperleptinemia by reducing endoplasmic reticulum stress in apolipoprotein E-deficient mice. Food and Nutrition Research, 0, 67, .	2.6	0

#	Article	IF	Citations
1166	New findings on brain actions of growth hormone and potential clinical implications. Reviews in Endocrine and Metabolic Disorders, 0, , .	5.7	0
1169	Central insulin dysregulation in antipsychotic-naÃ¯ve first-episode psychosis: In silico exploration of gene expression signatures. Psychiatry Research, 2024, 331, 115636.	3.3	0
1170	Network Analysis and Experimental Verification of the Mechanisms of Hydroxysafflor Yellow A in Ischemic Stroke Following Atherosclerosis. Molecules, 2023, 28, 7829.	3.8	0
1171	THE EFFECT OF SODIUM BUTYRATE AND AEROBIC EXERCISE WITH TREADMILL, ALONE OR IN COMBINATION, ON BODY WEIGHT AND GLYCEMIC PARAMETERS IN DIABETIC RATS WITH HIGH-FAT-STREPTOZOTOCIN DIET. , 2023, 34, 338-352.		0
1172	Inflammatory Pathways in Overweight and Obese Persons as a Potential Mechanism for Cognitive Impairment and Earlier Onset Alzeihmerâ€™s Dementia in the General Population: A Narrative Review. Biomedicines, 2023, 11, 3233.	3.2	0
1173	Anterior Pituitary Transcriptomics Following a High Fat Diet: Impact of oxidative stress on cell metabolism. Endocrinology, 0, , .	2.8	1
1174	The Hypothalamic Epigenetic Landscape in Dietary Obesity. Advanced Science, 2024, 11, .	11.2	0
1175	A FOREBRAIN-HYPOTHALAMIC ER STRESS DRIVEN CIRCUIT MEDIATES HEPATIC STEATOSIS DURING OBESITY. Molecular Metabolism, 2023, , 101858.	6.5	0
1176	Increased fatty acid synthesis and disturbed lipid metabolism in Neuro2a cells after repeated cocaine exposure: A preliminary study. Biochemical and Biophysical Research Communications, 2024, 695, 149438.	2.1	0
1177	Maternal Western diet programs cardiometabolic dysfunction and hypothalamic inflammation via epigenetic mechanisms predominantly in the male offspring. Molecular Metabolism, 2024, 80, 101864.	6.5	0
1178	Glucose dysregulation in antipsychotic-naive first-episode psychosis: in silico exploration of gene expression signatures. Translational Psychiatry, 2024, 14, .	4.8	0
1180	Modeling hypothalamic pathophysiology in vitro for metabolic, circadian, and sleep disorders. Trends in Endocrinology and Metabolism, 2024, , .	7.1	0
1182	PGC-1Î±-Coordinated Hypothalamic Antioxidant Defense Is Linked to SP1-LanCL1 Axis during High-Fat-Diet-Induced Obesity in Male Mice. Antioxidants, 2024, 13, 252.	5.1	0
1183	Effects of chronic high fat diet on mediobasal hypothalamic satiety neuron function in POMC-Cre mice. Molecular Metabolism, 2024, 82, 101904.	6.5	0
1184	NF-ÎºB in biology and targeted therapy: new insights and translational implications. Signal Transduction and Targeted Therapy, 2024, 9, .	17.1	0
1185	Iron overload in hypothalamic AgRP neurons contributes to obesity and related metabolic disorders. Cell Reports, 2024, 43, 113900.	6.4	0
1186	Novel mechanisms involved in leptin sensitization in obesity. Biochemical Pharmacology, 2024, 223, 116129.	4.4	0
1187	Effect of hesperidin on blood pressure and lipid profile: A systematic review and metaâ€analysis of randomized controlled trials. Phytotherapy Research, 2024, 38, 2560-2571.	5.8	0

#	Article	IF	Citations
1188	Activation of the IKK2/NF-ÎºB pathway in VSMCs inhibits calcified vascular stiffness in CKD. JCI Insight, 2024, 9, .	5.0	0