

Margaret J Morris

List of Publications by Year in descending order

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Version: 2024-02-01

260
papers

12,333
citations

26610

56
h-index

36008

97
g-index

270
all docs

270
docs citations

270
times ranked

14142
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic high-fat diet in fathers programs β -cell dysfunction in female rat offspring. <i>Nature</i> , 2010, 467, 963-966.	13.7	1,214
2	Changes in Gut Microbiota in Rats Fed a High Fat Diet Correlate with Obesity-Associated Metabolic Parameters. <i>PLoS ONE</i> , 2015, 10, e0126931.	1.1	353
3	Neurochemical evidence of cardiac sympathetic activation and increased central nervous system norepinephrine turnover in severe congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1994, 23, 570-578.	1.2	274
4	Chronic early life stress induced by limited bedding and nesting (LBN) material in rodents: critical considerations of methodology, outcomes and translational potential. <i>Stress</i> , 2017, 20, 421-448.	0.8	263
5	Maternal and Postnatal Overnutrition Differentially Impact Appetite Regulators and Fuel Metabolism. <i>Endocrinology</i> , 2008, 149, 5348-5356.	1.4	235
6	Early-Life Stress, HPA Axis Adaptation, and Mechanisms Contributing to Later Health Outcomes. <i>Frontiers in Endocrinology</i> , 2014, 5, 73.	1.5	225
7	Why is obesity such a problem in the 21st century? The intersection of palatable food, cues and reward pathways, stress, and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 36-45.	2.9	210
8	The link between stress and feeding behaviour. <i>Neuropharmacology</i> , 2012, 63, 97-110.	2.0	194
9	Short exposure to a diet rich in both fat and sugar or sugar alone impairs place, but not object recognition memory in rats. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 134-141.	2.0	191
10	Estrogen deficiency causes central leptin insensitivity and increased hypothalamic neuropeptide Y. <i>International Journal of Obesity</i> , 2001, 25, 1680-1688.	1.6	182
11	Elevated anxiety and depressive-like behavior in a rat model of genetic generalized epilepsy suggesting common causation. <i>Experimental Neurology</i> , 2008, 209, 254-260.	2.0	171
12	NAD ⁺ Repletion Rescues Female Fertility during Reproductive Aging. <i>Cell Reports</i> , 2020, 30, 1670-1681.e7.	2.9	169
13	Hypothalamic Neuroendocrine Circuitry is Programmed by Maternal Obesity: Interaction with Postnatal Nutritional Environment. <i>PLoS ONE</i> , 2009, 4, e6259.	1.1	159
14	Diet-Induced Cognitive Deficits: The Role of Fat and Sugar, Potential Mechanisms and Nutritional Interventions. <i>Nutrients</i> , 2015, 7, 6719-6738.	1.7	159
15	Increases in plasma neuropeptide Y concentrations during sympathetic activation in man. <i>Journal of the Autonomic Nervous System</i> , 1986, 17, 143-149.	1.9	152
16	Palatable cafeteria diet ameliorates anxiety and depression-like symptoms following an adverse early environment. <i>Psychoneuroendocrinology</i> , 2010, 35, 717-728.	1.3	145
17	Established maternal obesity in the rat reprograms hypothalamic appetite regulators and leptin signaling at birth. <i>International Journal of Obesity</i> , 2009, 33, 115-122.	1.6	137
18	The role of reward circuitry and food addiction in the obesity epidemic: An update. <i>Biological Psychology</i> , 2018, 131, 31-42.	1.1	135

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19	Short-term exposure to a diet high in fat and sugar, or liquid sugar, selectively impairs hippocampal-dependent memory, with differential impacts on inflammation. <i>Behavioural Brain Research</i> , 2016, 306, 1-7.	1.2	133
20	Early Postnatal Stress Confers Enduring Vulnerability to Limbic Epileptogenesis. <i>Epilepsia</i> , 2007, 48, 2079-2085.	2.6	130
21	Effect of Short-Term Cigarette Smoke Exposure on Body Weight, Appetite and Brain Neuropeptide Y in Mice. <i>Neuropsychopharmacology</i> , 2005, 30, 713-719.	2.8	128
22	Paternal high-fat diet consumption induces common changes in the transcriptomes of retroperitoneal adipose and pancreatic islet tissues in female rat offspring. <i>FASEB Journal</i> , 2014, 28, 1830-1841.	0.2	122
23	Voluntary exercise and palatable high-fat diet both improve behavioural profile and stress responses in male rats exposed to early life stress: Role of hippocampus. <i>Psychoneuroendocrinology</i> , 2010, 35, 1553-1564.	1.3	120
24	Effect of I.C.V. injection of AT4 receptor ligands, NLE1-angiotensin IV and LVV-hemorphin 7, on spatial learning in rats. <i>Neuroscience</i> , 2004, 124, 341-349.	1.1	113
25	Early dietary intervention: long-term effects on blood pressure, brain neuropeptide Y, and adiposity markers. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E1236-E1243.	1.8	112
26	Maternal Overnutrition Impacts Offspring Adiposity and Brain Appetite Markers—Modulation by Postweaning Diet. <i>Journal of Neuroendocrinology</i> , 2010, 22, 905-914.	1.2	111
27	Diet, inflammation and the gut microbiome: Mechanisms for obesity-associated cognitive impairment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165767.	1.8	111
28	Ontogeny of α 1 and α 2-adrenoceptors in rat brain. <i>Brain Research</i> , 1980, 190, 268-271.	1.1	106
29	Adaptive responses in hypothalamic neuropeptide Y in the face of prolonged high-fat feeding in the rat. <i>Journal of Neurochemistry</i> , 2004, 88, 909-916.	2.1	96
30	Impact of adolescent sucrose access on cognitive control, recognition memory, and parvalbumin immunoreactivity. <i>Learning and Memory</i> , 2015, 22, 215-224.	0.5	96
31	Potentiation of cholinergic transmission in the rat hippocampus by angiotensin IV and LVV-hemorphin-7. <i>Neuropharmacology</i> , 2001, 40, 618-623.	2.0	93
32	A review of fundamental principles for animal models of DOHaD research: an Australian perspective. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 449-472.	0.7	93
33	The long non-coding RNA NEAT1 is responsive to neuronal activity and is associated with hyperexcitability states. <i>Scientific Reports</i> , 2017, 7, 40127.	1.6	92
34	Long-term postpartum anxiety and depression-like behavior in mother rats subjected to maternal separation are ameliorated by palatable high fat diet. <i>Behavioural Brain Research</i> , 2010, 208, 72-79.	1.2	90
35	Cigarette Smoke Exposure Reprograms the Hypothalamic Neuropeptide Y Axis to Promote Weight Loss. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1248-1254.	2.5	86
36	Inhibitory Effect of Apelin-12 on Nocturnal Food Intake in the Rat. <i>Nutritional Neuroscience</i> , 2003, 6, 163-167.	1.5	85

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37	The acceleration of amygdala kindling epileptogenesis by chronic low-dose corticosterone involves both mineralocorticoid and glucocorticoid receptors. <i>Psychoneuroendocrinology</i> , 2007, 32, 834-842.	1.3	85
38	Region-Specific Neuropeptide Y Overflows at Rest and During Sympathetic Activation in Humans. <i>Hypertension</i> , 1997, 29, 137-143.	1.3	85
39	Cafeteria diet and probiotic therapy: cross talk among memory, neuroplasticity, serotonin receptors and gut microbiota in the rat. <i>Molecular Psychiatry</i> , 2018, 23, 351-361.	4.1	84
40	What obesity research tells us about epigenetic mechanisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20110337.	1.8	83
41	The Mechanism of Carbamazepine Aggravation of Absence Seizures. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 790-798.	1.3	79
42	Plasma Neuropeptide Y Concentration Is Increased After Hemorrhage in Conscious Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1987, 9, 541-545.	0.8	77
43	Effects of Maternal Diet and Exercise during Pregnancy on Glucose Metabolism in Skeletal Muscle and Fat of Weanling Rats. <i>PLoS ONE</i> , 2015, 10, e0120980.	1.1	76
44	The effect of short-term exposure to energy-matched diets enriched in fat or sugar on memory, gut microbiota and markers of brain inflammation and plasticity. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 304-313.	2.0	75
45	Head to Head Comparison of Short-Term Treatment with the NAD ⁺ Precursor Nicotinamide Mononucleotide (NMN) and 6 Weeks of Exercise in Obese Female Mice. <i>Frontiers in Pharmacology</i> , 2016, 7, 258.	1.6	72
46	Improved Lactational Nutrition and Postnatal Growth Ameliorates Impairment of Glucose Tolerance by Uteroplacental Insufficiency in Male Rat Offspring. <i>Endocrinology</i> , 2008, 149, 3067-3076.	1.4	70
47	Early Life Stress Enhancement of Limbic Epileptogenesis in Adult Rats: Mechanistic Insights. <i>PLoS ONE</i> , 2011, 6, e24033.	1.1	69
48	Enhanced inhibitory feeding response to alpha-melanocyte stimulating hormone in the diet-induced obese rat. <i>Brain Research</i> , 2001, 892, 130-137.	1.1	68
49	Diet-Induced Obesity Impairs Endothelium-Derived Hyperpolarization via Altered Potassium Channel Signaling Mechanisms. <i>PLoS ONE</i> , 2011, 6, e16423.	1.1	67
50	Effects of Increasing Gestation, Cortisol and Maternal Undernutrition on Hypothalamic Neuropeptide Y Expression in the Sheep Fetus. <i>Journal of Neuroendocrinology</i> , 2008, 10, 51-57.	1.2	66
51	Extended exposure to a palatable cafeteria diet alters gene expression in brain regions implicated in reward, and withdrawal from this diet alters gene expression in brain regions associated with stress. <i>Behavioural Brain Research</i> , 2014, 265, 132-141.	1.2	66
52	Plasma Catecholamines and Neuropeptide-Y as Indices of Sympathetic Nerve Activity in Normotensive and Stroke-Prone Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1986, 8, 1113-1121.	0.8	65
53	Obesity Up-Regulates Intermediate Conductance Calcium-Activated Potassium Channels and Myoendothelial Gap Junctions to Maintain Endothelial Vasodilator Function. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 284-293.	1.3	61
54	Release of substance P in the nucleus tractus solitarius measured by in vivo microdialysis: response to stimulation of the aortic depressor nerves in rabbit. <i>Neuroscience Letters</i> , 1988, 94, 131-137.	1.0	59

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55	Chronic Low-Dose Corticosterone Supplementation Enhances Acquired Epileptogenesis in the Rat Amygdala Kindling Model of TLE. <i>Neuropsychopharmacology</i> , 2005, 30, 1610-1616.	2.8	59
56	Nicotinamide mononucleotide (NMN) supplementation ameliorates the impact of maternal obesity in mice: comparison with exercise. <i>Scientific Reports</i> , 2017, 7, 15063.	1.6	59
57	Extra-adipocyte leptin release in human obesity and its relation to sympathoadrenal function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E744-E752.	1.8	58
58	Differential Responses of Orexigenic Neuropeptides to Fasting in Offspring of Obese Mothers. <i>Obesity</i> , 2009, 17, 1356-1362.	1.5	58
59	Anxiolytic effects of rapid amygdala kindling, and the influence of early life experience in rats. <i>Behavioural Brain Research</i> , 2009, 203, 81-87.	1.2	57
60	α 1- and α 2-Adrenoceptors in rat cerebral cortex: Effect of frontal lobotomy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1981, 316, 42-44.	1.4	56
61	Cardiac Sympathetic Nerve Biology and Brain Monoamine Turnover in Panic Disorder. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 505-514.	1.8	56
62	Systemic upregulation of NADPH oxidase in diet-induced obesity in rats. <i>Redox Report</i> , 2011, 16, 223-229.	1.4	56
63	Early life maternal separation stress augmentation of limbic epileptogenesis: The role of corticosterone and HPA axis programming. <i>Psychoneuroendocrinology</i> , 2014, 42, 124-133.	1.3	56
64	Early Undernutrition Leads to Long-Lasting Reductions in Body Weight and Adiposity Whereas Increased Intake Increases Cardiac Fibrosis in Male Rats ¹ . <i>Journal of Nutrition</i> , 2008, 138, 1622-1627.	1.3	53
65	Detrimental metabolic effects of combining long-term cigarette smoke exposure and high-fat diet in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1564-E1571.	1.8	52
66	A genetic epilepsy rat model displays endophenotypes of psychosis. <i>Neurobiology of Disease</i> , 2010, 39, 116-125.	2.1	51
67	Altered Feeding Patterns in Rats Exposed to a Palatable Cafeteria Diet: Increased Snacking and Its Implications for Development of Obesity. <i>PLoS ONE</i> , 2013, 8, e60407.	1.1	51
68	The mechanisms mediating the antiepileptic effects of the ketogenic diet, and potential opportunities for improvement with metabolism-altering drugs. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 52, 15-19.	0.9	51
69	Differential effects of diet-induced obesity on BK _{Ca} ¹ -subunit expression and function in rat skeletal muscle arterioles and small cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H29-H40.	1.5	50
70	Specific changes in hypothalamic alpha-adrenoceptors in young spontaneously hypertensive rats.. <i>Hypertension</i> , 1981, 3, 516-520.	1.3	49
71	Validation of a method for localised microinjection of drugs into thalamic subregions in rats for epilepsy pharmacological studies. <i>Journal of Neuroscience Methods</i> , 2005, 146, 191-197.	1.3	49
72	Neuropeptide Y suppresses absence seizures in a genetic rat model. <i>Brain Research</i> , 2005, 1033, 151-156.	1.1	49

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73	The Feeding Response to Melanin-Concentrating Hormone Is Attenuated by Antagonism of the NPY Y1-Receptor in the Rat. <i>Endocrinology</i> , 2002, 143, 191-197.	1.4	48
74	Long-term cigarette smoke exposure increases uncoupling protein expression but reduces energy intake. <i>Brain Research</i> , 2008, 1228, 81-88.	1.1	48
75	Rhythmic neuronal activity in S2 somatosensory and insular cortices contribute to the initiation of absence-related spike-and-wave discharges. <i>Epilepsia</i> , 2012, 53, 1948-1958.	2.6	48
76	Impacts of Diet and Exercise on Maternal Gut Microbiota Are Transferred to Offspring. <i>Frontiers in Endocrinology</i> , 2018, 9, 716.	1.5	47
77	Interaction between maternal obesity and post-natal over-nutrition on skeletal muscle metabolism. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 269-276.	1.1	46
78	Neurological and stress related effects of shifting obese rats from a palatable diet to chow and lean rats from chow to a palatable diet. <i>Physiology and Behavior</i> , 2012, 105, 1052-1057.	1.0	46
79	On the TRAIL of obesity and diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 578-587.	3.1	46
80	Cafeteria diet impairs expression of sensory-specific satiety and stimulus-outcome learning. <i>Frontiers in Psychology</i> , 2014, 5, 852.	1.1	46
81	Many Peptides that Are Present in the External Zone of the Median Eminence Are Not Secreted into the Hypophysial Portal Blood of Sheep. <i>Neuroendocrinology</i> , 1993, 57, 765-775.	1.2	45
82	Differential motivational profiles following adolescent sucrose access in male and female rats. <i>Physiology and Behavior</i> , 2016, 157, 13-19.	1.0	45
83	Sex-specific effects of daily exposure to sucrose on spatial memory performance in male and female rats, and implications for estrous cycle stage. <i>Physiology and Behavior</i> , 2016, 162, 52-60.	1.0	45
84	Dietary-induced obesity disrupts trace fear conditioning and decreases hippocampal reelin expression. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 68-75.	2.0	44
85	Effects of vagal and splanchnic section on food intake, weight, serum leptin and hypothalamic neuropeptide Y in rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 92, 28-36.	1.4	43
86	Brain neuropeptide Y and CCK and peripheral adipokine receptors: temporal response in obesity induced by palatable diet. <i>International Journal of Obesity</i> , 2008, 32, 249-258.	1.6	43
87	Integration of reward signalling and appetite regulating peptide systems in the control of food cue responses. <i>British Journal of Pharmacology</i> , 2015, 172, 5225-5238.	2.7	43
88	A diet high in fat and sugar reverses anxiety-like behaviour induced by limited nesting in male rats: Impacts on hippocampal markers. <i>Psychoneuroendocrinology</i> , 2016, 68, 202-209.	1.3	43
89	PLASMA NEUROPEPTIDE Y LEVELS RISE IN PATIENTS UNDERGOING EXERCISE TESTS FOR THE INVESTIGATION OF CHEST PAIN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1986, 13, 437-440.	0.9	42
90	Neuropeptide Y (NPY) Delays the Oestrogen-Induced Luteinizing Hormone (LH) Surge in the Ovariectomized Ewe: Further Evidence That NPY has a Predominant Negative Effect on LH Secretion in the Ewe. <i>Journal of Neuroendocrinology</i> , 2003, 15, 1011-1020.	1.2	41

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91	Central and peripheral contributions to obesity-associated hypertension: impact of early overnourishment. <i>Experimental Physiology</i> , 2005, 90, 697-702.	0.9	41
92	Environmental enrichment imparts disease-modifying and transgenerational effects on genetically-determined epilepsy and anxiety. <i>Neurobiology of Disease</i> , 2016, 93, 129-136.	2.1	40
93	Paternal High Fat Diet in Rats Leads to Renal Accumulation of Lipid and Tubular Changes in Adult Offspring. <i>Nutrients</i> , 2016, 8, 521.	1.7	39
94	Effects of paternal obesity on growth and adiposity of male rat offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E117-E125.	1.8	39
95	Regulation of hypothalamic NPY by diet and smoking. <i>Peptides</i> , 2007, 28, 384-389.	1.2	38
96	Effect of adrenalectomy and corticosterone replacement on prepulse inhibition and locomotor activity in mice. <i>British Journal of Pharmacology</i> , 2004, 142, 543-550.	2.7	34
97	Feeding responses to a melanocortin agonist and antagonist in obesity induced by a palatable high-fat diet. <i>Brain Research</i> , 2005, 1039, 137-145.	1.1	34
98	Oxcarbazepine, not its active metabolite, potentiates GABA _A activation and aggravates absence seizures. <i>Epilepsia</i> , 2009, 50, 83-87.	2.6	34
99	Maternal Cigarette Smoke Exposure Contributes to Glucose Intolerance and Decreased Brain Insulin Action in Mice Offspring Independent of Maternal Diet. <i>PLoS ONE</i> , 2011, 6, e27260.	1.1	34
100	Unaltered TNF-alpha production by macrophages and monocytes in diet-induced obesity in the rat. <i>Journal of Inflammation</i> , 2005, 2, 2.	1.5	33
101	Repeatedly stressed rats have enhanced vulnerability to amygdala kindling epileptogenesis. <i>Psychoneuroendocrinology</i> , 2013, 38, 263-270.	1.3	33
102	Neuropeptide Y suppresses absence seizures in a genetic rat model primarily through effects on Y2 receptors. <i>European Journal of Neuroscience</i> , 2007, 25, 1136-1143.	1.2	32
103	Leucine Improves Glucose and Lipid Status in Offspring from Obese Dams, Dependent on Diet Type, but not Caloric Intake. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1356-1364.	1.2	32
104	Lipids, lipoprotein distribution and depressive symptoms: the Multi-Ethnic Study of Atherosclerosis. <i>Translational Psychiatry</i> , 2016, 6, e962-e962.	2.4	32
105	Central serotonergic mechanisms in cardiovascular regulation. <i>Cardiovascular Drugs and Therapy</i> , 1990, 4, 27-32.	1.3	31
106	NPY Y1 receptors exert opposite effects on corticotropin releasing factor and noradrenaline overflow from the rat hypothalamus in vitro. <i>Brain Research</i> , 2001, 890, 32-37.	1.1	31
107	Late-Onset Exercise in Female Rat Offspring Ameliorates the Detrimental Metabolic Impact of Maternal Obesity. <i>Endocrinology</i> , 2013, 154, 3610-3621.	1.4	31
108	Hypoxic postconditioning reduces microglial activation, astrocyte and caspase activity, and inflammatory markers after hypoxia-induced ischemia in the neonatal rat brain. <i>Pediatric Research</i> , 2015, 77, 757-764.	1.1	31

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109	Effects of long-term cycling between palatable cafeteria diet and regular chow on intake, eating patterns, and response to saccharin and sucrose. <i>Physiology and Behavior</i> , 2015, 139, 80-88.	1.0	31
110	Modulation of neuropeptide Y overflow by leptin in the rat hypothalamus, cerebral cortex and medulla. <i>NeuroReport</i> , 1998, 9, 1575-1580.	0.6	30
111	Exendin-4 is effective against metabolic disorders induced by intrauterine and postnatal overnutrition in rodents. <i>Diabetologia</i> , 2014, 57, 614-622.	2.9	30
112	Maternal obesity increases inflammation and exacerbates damage following neonatal hypoxic-ischaemic brain injury in rats. <i>Brain, Behavior, and Immunity</i> , 2017, 63, 186-196.	2.0	30
113	Leptin reduces food intake but does not alter weight regain following food deprivation in the rat. <i>International Journal of Obesity</i> , 2003, 27, 48-54.	1.6	29
114	Does neuropeptide Y contribute to the anorectic action of amylin?. <i>Peptides</i> , 2001, 22, 541-546.	1.2	28
115	EFFECTS OF ENALAPRIL AND HYDROCHLOROTHIAZIDE ON BLOOD PRESSURE, RENIN-ANGIOTENSIN SYSTEM, AND ATRIAL NATRIURETIC FACTOR IN ESSENTIAL HYPERTENSION: A DOUBLE BLIND FACTORIAL CROSS-OVER STUDY. <i>Australian and New Zealand Journal of Medicine</i> , 1986, 16, 475-480.	0.5	27
116	MICROINJECTION OF KAINIC ACID INTO THE ROSTRAL VENTROLATERAL MEDULLA CAUSES HYPERTENSION AND RELEASE OF NEUROPEPTIDE Y-LIKE IMMUNOREACTIVITY FROM RABBIT SPINAL CORD. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1987, 14, 127-132.	0.9	27
117	Dietary obesity increases NO and inhibits BK _{Ca} -mediated, endothelium-dependent dilation in rat cremaster muscle artery: association with caveolins and caveolae. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2464-H2476.	1.5	27
118	Increased caveolae density and caveolin-1 expression accompany impaired NO-mediated vasorelaxation in diet-induced obesity. <i>Histochemistry and Cell Biology</i> , 2013, 139, 309-321.	0.8	27
119	The Beneficial Effects of Early Short-Term Exercise in the Offspring of Obese Mothers are Accompanied by Alterations in the Hypothalamic Gene Expression of Appetite Regulators and FTO (Fat Mass and) Tj ETQq1 1 0.784314 rgB7/Overload	0.7	27
120	Maternal obesity impairs brain glucose metabolism and neural response to hyperglycemia in male rat offspring. <i>Journal of Neurochemistry</i> , 2014, 129, 297-303.	2.1	27
121	Daily access to sucrose impairs aspects of spatial memory tasks reliant on pattern separation and neural proliferation in rats. <i>Learning and Memory</i> , 2016, 23, 386-390.	0.5	27
122	Hyperpalatability and the Generation of Obesity: Roles of Environment, Stress Exposure and Individual Difference. <i>Current Obesity Reports</i> , 2018, 7, 6-18.	3.5	27
123	Intermittent cafeteria diet identifies fecal microbiome changes as a predictor of spatial recognition memory impairment in female rats. <i>Translational Psychiatry</i> , 2020, 10, 36.	2.4	27
124	Neuropeptide Y and [Leu31,Pro34]neuropeptide Y potentiate potassium-induced noradrenaline release in the paraventricular nucleus of the aged rat. <i>Brain Research</i> , 1997, 750, 301-304.	1.1	26
125	Aggravation of Absence Seizures by Carbamazepine in a Genetic Rat Model Does Not Induce Neuronal c-Fos Activation. <i>Clinical Neuropharmacology</i> , 2005, 28, 60-65.	0.2	26
126	Early life influences on obesity risk: maternal overnutrition and programming of obesity. <i>Expert Review of Endocrinology and Metabolism</i> , 2009, 4, 625-637.	1.2	26

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127	Voluntary post weaning exercise restores metabolic homeostasis in offspring of obese rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 574-581.	1.1	26
128	Mechanisms Underlying the Cognitive and Behavioural Effects of Maternal Obesity. <i>Nutrients</i> , 2021, 13, 240.	1.7	26
129	Obesity-induced sperm DNA methylation changes at satellite repeats are reprogrammed in rat offspring. <i>Asian Journal of Andrology</i> , 2016, 18, 930.	0.8	26
130	Neuropeptide Y potentiation of potassium-induced noradrenaline release in the hypothalamic paraventricular nucleus of the rat in vivo. <i>Brain Research</i> , 1995, 690, 108-111.	1.1	25
131	Influence of leptin on neurotransmitter overflow from the rat brain in vitro. <i>Regulatory Peptides</i> , 2002, 103, 67-74.	1.9	25
132	The relationship of changes in leptin, neuropeptide Y and reproductive hormones to antipsychotic induced weight gain. <i>Human Psychopharmacology</i> , 2003, 18, 551-557.	0.7	25
133	The Relationship Between Dietary Macronutrients and Hepatic Telomere Length in Aging Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 446-449.	1.7	25
134	Unravelling the impacts of western-style diets on brain, gut microbiota and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 233-243.	2.9	25
135	Is the CCK2 receptor essential for normal regulation of body weight and adiposity?. <i>European Journal of Neuroscience</i> , 2006, 24, 1427-1433.	1.2	24
136	Cross-talk among metabolic parameters, esophageal microbiota, and host gene expression following chronic exposure to an obesogenic diet. <i>Scientific Reports</i> , 2017, 7, 45753.	1.6	24
137	More Flavor for Flavonoid-Based Interventions?. <i>Trends in Molecular Medicine</i> , 2017, 23, 293-295.	3.5	24
138	CARDIOVASCULAR AND METABOLIC EFFECTS OF OBESITY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 416-419.	0.9	23
139	Early Life Stress Induced by Limited Nesting Material Produces Metabolic Resilience in Response to a High-Fat and High-Sugar Diet in Male Rats. <i>Frontiers in Endocrinology</i> , 2015, 6, 138.	1.5	23
140	Niclosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 40159.	1.6	23
141	Early Hypothalamic FTO Overexpression in Response to Maternal Obesity – Potential Contribution to Postweaning Hyperphagia. <i>PLoS ONE</i> , 2011, 6, e25261.	1.1	23
142	Catecholamine release in the rat hypothalamic paraventricular nucleus in response to haemorrhage, desipramine and potassium. <i>Brain Research</i> , 1994, 665, 5-12.	1.1	22
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