

Margaret J Morris

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

9,891
citations

54
h-index

89
g-index

269
ext. papers

11,225
ext. citations

4.9
avg, IF

6.5
L-index

#	Paper	IF	Citations
251	Male Rat Offspring Are More Impacted by Maternal Obesity Induced by Cafeteria Diet than Females-Additive Effect of Postweaning Diet.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
250	Chronic exposure to cafeteria-style diet in rats alters sweet taste preference and reduces motivation for, but not liking of sucrose. <i>Appetite</i> , 2022 , 168, 105742	4.5	1
249	Transgenerational effects of obesogenic diets in rodents: A meta-analysis. <i>Obesity Reviews</i> , 2022 , 23, e13342	10.6	1
248	Peripheral Neuropathy Phenotyping in Rat Models of Type 2 Diabetes Mellitus: Evaluating Uptake of the Neurodiab Guidelines and Identifying Future Directions.. <i>Diabetes and Metabolism Journal</i> , 2022 , 46, 198-221	5	0
247	Developmental delay and late onset HBSL pathology in hypomorphic Dars1 mice.. <i>Neurochemical Research</i> , 2022 , 1	4.6	0
246	Adolescent exposure to a solid high-fat, high-sugar cafeteria diet leads to more pronounced changes in metabolic measures and gut microbiome composition than liquid sugar in female rats.. <i>Appetite</i> , 2022 , 172, 105973	4.5	0
245	The influence of maternal unhealthy diet on maturation of offspring gut microbiota in rat.. <i>Animal Microbiome</i> , 2022 , 4, 31	4.1	1
244	Tamoxifen offers long-term neuroprotection after hippocampal silent infarct in male rats. <i>Hormones and Behavior</i> , 2021 , 136, 105085	3.7	0
243	Hippocampal silent infarct leads to subtle cognitive decline that is associated with inflammation and gliosis at twenty-four hours after injury in a rat model. <i>Behavioural Brain Research</i> , 2021 , 401, 113089	3.4	1
242	Mitochondrial uncoupler SHC517 reverses obesity in mice without affecting food intake. <i>Metabolism: Clinical and Experimental</i> , 2021 , 117, 154724	12.7	3
241	An efficient new assay for measuring zebrafish anxiety: Tall tanks that better characterize between-individual differences. <i>Journal of Neuroscience Methods</i> , 2021 , 356, 109138	3	5
240	Transcriptomic signature of early life stress in male rat prefrontal cortex. <i>Neurobiology of Stress</i> , 2021 , 14, 100316	7.6	3
239	Exercise-induced benefits on glucose handling in a model of diet-induced obesity are reduced by concurrent nicotinamide mononucleotide. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E176-E189	6	5
238	Cardiovascular Disease Risk Factors Profile Among Australian Vegetarian and Nonvegetarian Teenagers. <i>American Journal of Lifestyle Medicine</i> , 2021 , 15, 313-321	1.9	1
237	A scalable, fully automated approach for regional quantification of immunohistochemical staining of astrocytes in the rat brain. <i>Journal of Neuroscience Methods</i> , 2021 , 348, 108994	3	3
236	Lipoprotein (a) and the risk of elevated depressive symptoms: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Psychiatric Research</i> , 2021 , 133, 119-124	5.2	1
235	Mechanisms Underlying the Cognitive and Behavioural Effects of Maternal Obesity. <i>Nutrients</i> , 2021 , 13,	6.7	8

234	The selective estrogen receptor modulator tamoxifen protects against subtle cognitive decline and early markers of injury 24h after hippocampal silent infarct in male Sprague-Dawley rats. <i>Hormones and Behavior</i> , 2021 , 134, 105016	3.7	2
233	Unravelling the impacts of western-style diets on brain, gut microbiota and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 128, 233-243	9	11
232	Executive function in obesity and anorexia nervosa: Opposite ends of a spectrum of disordered feeding behaviour?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 111, 110395	5.5	2
231	Constipation and sleep behaviour disorder associate with processing speed and attention in males with Parkinson's disease over five years follow-up. <i>Scientific Reports</i> , 2020 , 10, 19014	4.9	8
230	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	6.9	41
229	Minocycline-induced microbiome alterations predict cafeteria diet-induced spatial recognition memory impairments in rats. <i>Translational Psychiatry</i> , 2020 , 10, 92	8.6	9
228	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	8.6	18
227	NAD Repletion Rescues Female Fertility during Reproductive Aging. <i>Cell Reports</i> , 2020 , 30, 1670-1681.e710.6	10.6	74
226	Minocycline for the treatment of mental health and neurological conditions: study protocol of a systematic review and meta-analysis. <i>BMJ Open</i> , 2020 , 10, e035080	3	1
225	The role of hippocampal estradiol in synaptic plasticity and memory: A systematic review. <i>Frontiers in Neuroendocrinology</i> , 2020 , 56, 100818	8.9	11
224	Non-CpG methylation biases bisulphite PCR towards low or unmethylated mitochondrial DNA: recommendations for the field. <i>Environmental Epigenetics</i> , 2020 , 6, dvaa001	2.4	4
223	Treadmill exercise has minimal impact on obesogenic diet-related gut microbiome changes but alters adipose and hypothalamic gene expression in rats. <i>Nutrition and Metabolism</i> , 2020 , 17, 71	4.6	4
222	Evidence of Altered Peripheral Nerve Function in a Rodent Model of Diet-Induced Prediabetes. <i>Biomedicine</i> , 2020 , 8,	4.8	6
221	Behavioural effects of high fat diet in adult Nrg1 type III transgenic mice. <i>Behavioural Brain Research</i> , 2020 , 377, 112217	3.4	5
220	Administration of Nicotinamide Mononucleotide (NMN) Reduces Metabolic Impairment in Male Mouse Offspring from Obese Mothers. <i>Cells</i> , 2020 , 9,	7.9	7
219	Mendacity: The Tendency to Lie or Deceive. A Cautionary Tale in Obesity Research, Stigma, and Headlining. <i>Frontiers in Endocrinology</i> , 2020 , 11, 598713	5.7	
218	Pattern of access to cafeteria-style diet determines fat mass and degree of spatial memory impairments in rats. <i>Scientific Reports</i> , 2019 , 9, 13516	4.9	12
217	Polymer brush based fluorescent immunosensor for direct monitoring of interleukin-1 β in rat blood. <i>Analyst, The</i> , 2019 , 144, 5682-5690	5	9

216	Impacts of obesity, maternal obesity and nicotinamide mononucleotide supplementation on sperm quality in mice. <i>Reproduction</i> , 2019 , 158, 169-179	3.8	7
215	Behavioural effects of high fat diet exposure starting in late adolescence in neuregulin 1 transmembrane domain mutant mice. <i>Behavioural Brain Research</i> , 2019 , 373, 112074	3.4	2
214	Fizzing out: No effect of acute carbohydrate consumption on mood. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 104, 56-57	9	0
213	Palatable Western-style Cafeteria Diet as a Reliable Method for Modeling Diet-induced Obesity in Rodents. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	11
212	Long-term behavioural effects of maternal obesity in C57BL/6J mice. <i>Physiology and Behavior</i> , 2019 , 199, 306-313	3.5	17
211	Reviewing the effects of dietary salt on cognition: mechanisms and future directions. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019 , 28, 6-14	1	8
210	Relationship of Lipids and Lipid-Lowering Medications With Cognitive Function: The Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Epidemiology</i> , 2018 , 187, 767-776	3.8	5
209	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	6.4	13
208	Gene therapy mediated seizure suppression in Genetic Generalised Epilepsy: Neuropeptide Y overexpression in a rat model. <i>Neurobiology of Disease</i> , 2018 , 113, 23-32	7.5	12
207	Hyperpalatability and the Generation of Obesity: Roles of Environment, Stress Exposure and Individual Difference. <i>Current Obesity Reports</i> , 2018 , 7, 6-18	8.4	17
206	The role of reward circuitry and food addiction in the obesity epidemic: An update. <i>Biological Psychology</i> , 2018 , 131, 31-42	3.2	81
205	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	15.1	62
204	Neuropeptide Y affects thalamic reticular nucleus neuronal firing and network synchronization associated with suppression of spike-wave discharges. <i>Epilepsia</i> , 2018 , 59, 1444-1454	6.4	1
203	Impacts of Diet and Exercise on Maternal Gut Microbiota Are Transferred to Offspring. <i>Frontiers in Endocrinology</i> , 2018 , 9, 716	5.7	25
202	Multigenerational obesity-induced perturbations in oocyte-secreted factor signalling can be ameliorated by exercise and nicotinamide mononucleotide. <i>Human Reproduction Open</i> , 2018 , 2018, hoy010	6.1	5
201	Alternating or continuous exposure to cafeteria diet leads to similar shifts in gut microbiota compared to chow diet. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1500815	5.9	15
200	The long non-coding RNA NEAT1 is responsive to neuronal activity and is associated with hyperexcitability states. <i>Scientific Reports</i> , 2017 , 7, 40127	4.9	59
199	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	4.9	17

198	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	3	169
197	Hypoxic postconditioning improves behavioural deficits at 6 weeks following hypoxic-ischemic brain injury in neonatal rats. <i>Behavioural Brain Research</i> , 2017 , 333, 27-34	3.4	5
196	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	6	29
195	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	4.9	17
194	More Flavor for Flavonoid-Based Interventions?. <i>Trends in Molecular Medicine</i> , 2017 , 23, 293-295	11.5	12
193	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	3.2	32
192	Nicotinamide mononucleotide (NMN) supplementation ameliorates the impact of maternal obesity in mice: comparison with exercise. <i>Scientific Reports</i> , 2017 , 7, 15063	4.9	38
191	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	16.6	21
190	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	16.6	57
189	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, 386-90	2.8	21
188	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, 202-9	5	31
187	Differential motivational profiles following adolescent sucrose access in male and female rats. <i>Physiology and Behavior</i> , 2016 , 157, 13-9	3.5	37
186	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	3.5	30
185	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	3.4	99
184	Daily Exposure to Sucrose Impairs Subsequent Learning About Food Cues: A Role for Alterations in Ghrelin Signaling and Dopamine D2 Receptors. <i>Neuropsychopharmacology</i> , 2016 , 41, 1357-65	8.7	14
183	Obesity-induced sperm DNA methylation changes at satellite repeats are reprogrammed in rat offspring. <i>Asian Journal of Andrology</i> , 2016 , 18, 930-936	2.8	16
182	Paternal High Fat Diet in Rats Leads to Renal Accumulation of Lipid and Tubular Changes in Adult Offspring. <i>Nutrients</i> , 2016 , 8,	6.7	31
181	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	5.6	46

180	Environmental enrichment delays limbic epileptogenesis and restricts pathologic synaptic plasticity. <i>Epilepsia</i> , 2016 , 57, 484-94	6.4	11
179	Lipids, lipoprotein distribution and depressive symptoms: the Multi-Ethnic Study of Atherosclerosis. <i>Translational Psychiatry</i> , 2016 , 6, e962	8.6	19
178	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	2.4	72
177	Environmental enrichment imparts disease-modifying and transgenerational effects on genetically-determined epilepsy and anxiety. <i>Neurobiology of Disease</i> , 2016 , 93, 129-36	7.5	27
176	The impact of poor diet and early life stress on memory status. <i>Current Opinion in Behavioral Sciences</i> , 2016 , 9, 144-151	4	6
175	Niclosamide blocks glucagon phosphorylation of Ser552 on β -catenin in primary rat hepatocytes via PKA signalling. <i>Biochemical Journal</i> , 2016 , 473, 1247-55	3.8	11
174	The oesophageal microbiome: an unexplored link in obesity-associated oesophageal adenocarcinoma. <i>FEMS Microbiology Ecology</i> , 2016 , 92,	4.3	13
173	Glucagon phosphorylates serine 552 of β -catenin leading to increased expression of cyclin D1 and c-Myc in the isolated rat liver. <i>Archives of Physiology and Biochemistry</i> , 2015 , 121, 88-96	2.2	9
172	Maternal obesity regulates gene expression in the hearts of offspring. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 881-8	4.5	9
171	Hypoxic postconditioning reduces microglial activation, astrocyte and caspase activity, and inflammatory markers after hypoxia-ischemia in the neonatal rat brain. <i>Pediatric Research</i> , 2015 , 77, 757-64	3.2	29
170	Impact of adolescent sucrose access on cognitive control, recognition memory, and parvalbumin immunoreactivity. <i>Learning and Memory</i> , 2015 , 22, 215-24	2.8	72
169	The effect of early-life stress and chronic high-sucrose diet on metabolic outcomes in female rats. <i>Stress</i> , 2015 , 18, 524-37	3	10
168	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	9	153
167	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, 80-8	3.5	22
166	Dietary-induced obesity disrupts trace fear conditioning and decreases hippocampal reelin expression. <i>Brain, Behavior, and Immunity</i> , 2015 , 43, 68-75	16.6	42
165	Integration of reward signalling and appetite regulating peptide systems in the control of food-cue responses. <i>British Journal of Pharmacology</i> , 2015 , 172, 5225-38	8.6	31
164	Diet-Induced Cognitive Deficits: The Role of Fat and Sugar, Potential Mechanisms and Nutritional Interventions. <i>Nutrients</i> , 2015 , 7, 6719-38	6.7	127
163	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	5.7	17

162	Changes in gut microbiota in rats fed a high fat diet correlate with obesity-associated metabolic parameters. <i>PLoS ONE</i> , 2015 , 10, e0126931	3.7	261
161	Leptin's metabolic and immune functions can be uncoupled at the ligand/receptor interaction level. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 629-644	10.3	11
160	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	3.7	62
159	The Relative Value of Measures of Omega-3 Index, Perceived Stress, Cortisol and Sleep Time in Identifying Depression Among a Cohort of Australian Adolescents. <i>International Journal of Child Health and Nutrition</i> , 2015 , 4, 40-49	1.5	3
158	Effects of High Fat Diet Induced Obesity on Mitochondrial Biogenesis and Function Impact of Exercise or Nicotinamide Mononucleotide (NMN). <i>FASEB Journal</i> , 2015 , 29, 777.8	0.9	
157	Sugar Consumption Produces Effects Similar to Early Life Stress Exposure on Hippocampal Markers of Neurogenesis and Stress Response. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 86	6.1	11
156	Exendin-4 is effective against metabolic disorders induced by intrauterine and postnatal overnutrition in rodents. <i>Diabetologia</i> , 2014 , 57, 614-22	10.3	29
155	Acute effect of carbamazepine on corticothalamic 5-9-Hz and thalamocortical spindle (10-16-Hz) oscillations in the rat. <i>European Journal of Neuroscience</i> , 2014 , 39, 788-99	3.5	4
154	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, 132-41	3.4	51
153	Postprandial oxidative stress is increased after a phytonutrient-poor food but not after a kilojoule-matched phytonutrient-rich food. <i>Nutrition Research</i> , 2014 , 34, 391-400	4	13
152	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, 134-41	16.6	156
151	The effect of bariatric surgery on serum TRAIL and osteoprotegerin levels in obesity complicated by glucose disorders. <i>E-SPEN Journal</i> , 2014 , 9, e210-e214		1
150	Early life maternal separation stress augmentation of limbic epileptogenesis: the role of corticosterone and HPA axis programming. <i>Psychoneuroendocrinology</i> , 2014 , 42, 124-33	5	42
149	A descriptive study of women presenting to an obstetric triage unit with no prenatal care. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2014 , 36, 216-222	1.3	2
148	Cafeteria diet impairs expression of sensory-specific satiety and stimulus-outcome learning. <i>Frontiers in Psychology</i> , 2014 , 5, 852	3.4	35
147	Gene expression in rat models for inter-generational transmission of islet dysfunction and obesity. <i>Genomics Data</i> , 2014 , 2, 351-3		4
146	Maternal obesity impairs brain glucose metabolism and neural response to hyperglycemia in male rat offspring. <i>Journal of Neurochemistry</i> , 2014 , 129, 297-303	6	26
145	Early-Life Stress, HPA Axis Adaptation, and Mechanisms Contributing to Later Health Outcomes. <i>Frontiers in Endocrinology</i> , 2014 , 5, 73	5.7	165

144	Effect of diet-induced obesity on BK(Ca) function in contraction and dilation of rat isolated middle cerebral artery. <i>Vascular Pharmacology</i> , 2014 , 61, 10-5	5.9	11
143	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, 1830-41	0.9	104
142	Rats eat a cafeteria-style diet to excess but eat smaller amounts and less frequently when tested with chow. <i>PLoS ONE</i> , 2014 , 9, e93506	3.7	16
141	Early life stress and post-weaning high fat diet alter tyrosine hydroxylase regulation and AT1 receptor expression in the adrenal gland in a sex dependent manner. <i>Neurochemical Research</i> , 2013 , 38, 826-33	4.6	13
140	Increased caveolae density and caveolin-1 expression accompany impaired NO-mediated vasorelaxation in diet-induced obesity. <i>Histochemistry and Cell Biology</i> , 2013 , 139, 309-21	2.4	22
139	Parental programming: how can we improve study design to discern the molecular mechanisms?. <i>BioEssays</i> , 2013 , 35, 787-93	4.1	15
138	On the TRAIL of obesity and diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2013 , 24, 578-87	8.8	34
137	Repeatedly stressed rats have enhanced vulnerability to amygdala kindling epileptogenesis. <i>Psychoneuroendocrinology</i> , 2013 , 38, 263-70	5	29
136	Voluntary post weaning exercise restores metabolic homeostasis in offspring of obese rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 574-81	4.5	25
135	What obesity research tells us about epigenetic mechanisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20110337	5.8	72
134	Late-onset exercise in female rat offspring ameliorates the detrimental metabolic impact of maternal obesity. <i>Endocrinology</i> , 2013 , 154, 3610-21	4.8	28
133	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 obesity associated) gene. <i>Journal of Neuroendocrinology</i> , 2013 , 25, 742-52	3.8	25
132	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	3.7	42
131	Long-term valproate treatment increases brain neuropeptide Y expression and decreases seizure expression in a genetic rat model of absence epilepsy. <i>PLoS ONE</i> , 2013 , 8, e73505	3.7	9
130	The lung inflammation and skeletal muscle wasting induced by subchronic cigarette smoke exposure are not altered by a high-fat diet in mice. <i>PLoS ONE</i> , 2013 , 8, e80471	3.7	16
129	Enduring Effects of Early Life Stress on Firing Patterns of Hippocampal and Thalamocortical Neurons in Rats: Implications for Limbic Epilepsy. <i>PLoS ONE</i> , 2013 , 8, e66962	3.7	19
128	Focal administration of neuropeptide Y into the S2 somatosensory cortex maximally suppresses absence seizures in a genetic rat model. <i>Epilepsia</i> , 2012 , 53, 477-84	6.4	13
127	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, 1052-7	3.5	38

126	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, 1356-64	3.8	29
125	The link between stress and feeding behaviour. <i>Neuropharmacology</i> , 2012 , 63, 97-110	5.5	162
124	Interaction between maternal obesity and post-natal over-nutrition on skeletal muscle metabolism. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012 , 22, 269-76	4.5	36
123	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, 1948-58	6.4	39
122	Dietary obesity increases NO and inhibits BKCa-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, H2464-76	5.2	24
121	Fluctuating and constant valproate administration gives equivalent seizure control in rats with genetic and acquired epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011 , 20, 72-9	3.2	8
120	Early life stress enhancement of limbic epileptogenesis in adult rats: mechanistic insights. <i>PLoS ONE</i> , 2011 , 6, e24033	3.7	60
119	Systemic upregulation of NADPH oxidase in diet-induced obesity in rats. <i>Redox Report</i> , 2011 , 16, 223-9	5.9	43
118	Differential effects of diet-induced obesity on BKCa {beta}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, H29-40	5.2	43
117	Diet-induced obesity impairs endothelium-derived hyperpolarization via altered potassium channel signaling mechanisms. <i>PLoS ONE</i> , 2011 , 6, e16423	3.7	58
116	Early hypothalamic FTO overexpression in response to maternal obesity--potential contribution to postweaning hyperphagia. <i>PLoS ONE</i> , 2011 , 6, e25261	3.7	22
115	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	3.7	31
114	Mechanisms behind early life nutrition and adult disease outcome. <i>World Journal of Diabetes</i> , 2011 , 2, 127-32	4.7	9
113	Overnutrition in Mothers and Appetite Regulators in Offspring 2011 , 1745-1757		
112	Maternal overnutrition impacts offspring adiposity and brain appetite markers-modulation by postweaning diet. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 905-14	3.8	88
111	Chronic high-fat diet in fathers programs Bcell dysfunction in female rat offspring. <i>Nature</i> , 2010 , 467, 963-6	50.4	1043
110	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, 284-93	4.7	56
109	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, 72-9	3.4	75

108	A genetic epilepsy rat model displays endophenotypes of psychosis. <i>Neurobiology of Disease</i> , 2010 , 39, 116-25	7.5	45
107	Palatable cafeteria diet ameliorates anxiety and depression-like symptoms following an adverse early environment. <i>Psychoneuroendocrinology</i> , 2010 , 35, 717-28	5	124
106	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, 1553-64	5	104
105	Increased NO-dependent dilation of rat arterioles in diet-induced obesity. <i>FASEB Journal</i> , 2010 , 24, lb537b.9		
104	Hypothalamic neuroendocrine circuitry is programmed by maternal obesity: interaction with postnatal nutritional environment. <i>PLoS ONE</i> , 2009 , 4, e6259	3.7	136
103	Established maternal obesity in the rat reprograms hypothalamic appetite regulators and leptin signaling at birth. <i>International Journal of Obesity</i> , 2009 , 33, 115-22	5.5	120
102	Oxcarbazepine, not its active metabolite, potentiates GABAA activation and aggravates absence seizures. <i>Epilepsia</i> , 2009 , 50, 83-7	6.4	22
101	Anxiolytic effects of rapid amygdala kindling, and the influence of early life experience in rats. <i>Behavioural Brain Research</i> , 2009 , 203, 81-7	3.4	55
100	Early life influences on obesity risk: maternal overnutrition and programming of obesity. <i>Expert Review of Endocrinology and Metabolism</i> , 2009 , 4, 625-637	4.1	19
99	Differential responses of orexigenic neuropeptides to fasting in offspring of obese mothers. <i>Obesity</i> , 2009 , 17, 1356-62	8	55
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