

Julie A Chowen

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.

181
papers

6,832
citations

44
h-index

75
g-index

186
ext. papers

7,638
ext. citations

5.4
avg, IF

5.71
L-index

#	Paper	IF	Citations
181	Effects of saturated versus unsaturated fatty acids on metabolism, gliosis, and hypothalamic leptin sensitivity in male mice.. <i>Nutritional Neuroscience</i> , 2022 , 1-14	3.6	0
180	Opposite Effects of Chronic Central Leptin Infusion on Activation of Insulin Signaling Pathways in Adipose Tissue and Liver Are Related to Changes in the Inflammatory Environment. <i>Biomolecules</i> , 2021 , 11,	5.9	2
179	Leptin Modulates the Response of Brown Adipose Tissue to Negative Energy Balance: Implication of the GH/IGF-I Axis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
178	Cerebral Insulin Bolus Revokes the Changes in Hepatic Lipid Metabolism Induced by Chronic Central Leptin Infusion. <i>Cells</i> , 2021 , 10,	7.9	2
177	Amyloid- β differentially stimulates proliferation, activation of oxidative stress and inflammatory responses in male and female hippocampal astrocyte cultures. <i>Mechanisms of Ageing and Development</i> , 2021 , 195, 111462	5.6	1
176	Recombinant IGF-1 Induces Sex-Specific Changes in Bone Composition and Remodeling in Adult Mice with Deficiency. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
175	Role of glial cells in the generation of sex differences in neurodegenerative diseases and brain aging. <i>Mechanisms of Ageing and Development</i> , 2021 , 196, 111473	5.6	7
174	A combination of circulating chemokines as biomarkers of obesity-induced insulin resistance at puberty. <i>Pediatric Obesity</i> , 2021 , 16, e12711	4.6	2
173	Alterations in Leptin Signaling in Amyotrophic Lateral Sclerosis (ALS). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
172	High-fat diet alters stress behavior, inflammatory parameters and gut microbiota in Tg APP mice in a sex-specific manner. <i>Neurobiology of Disease</i> , 2021 , 159, 105495	7.5	1
171	Pregnancy-Associated Plasma Protein (PAPP)-A2 in Physiology and Disease.. <i>Cells</i> , 2021 , 10,	7.9	1
170	Sex Differences in Metabolic Recuperation After Weight Loss in High Fat Diet-Induced Obese Mice.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 796661	5.7	0
169	Ethnicity Strongly Influences Body Fat Distribution Determining Serum Adipokine Profile and Metabolic Derangement in Childhood Obesity. <i>Frontiers in Pediatrics</i> , 2020 , 8, 551103	3.4	3
168	Abstinent patients with alcohol use disorders show an altered plasma cytokine profile: Identification of both interleukin 6 and interleukin 17A as potential biomarkers of consumption and comorbid liver and pancreatic diseases. <i>Journal of Psychopharmacology</i> , 2020 , 34, 1250-1260	4.6	3
167	SAT-593 Sex-Specific Modifications in MicroRNAs Contained in Exosomes of Astrocytes in Response to Palmitic Acid. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
166	Sex Differences in Long-term Metabolic Effects of Maternal Resveratrol Intake in Adult Rat Offspring. <i>Endocrinology</i> , 2020 , 161,	4.8	1
165	Astrocytes and Development of Neuroendocrine Circuits. <i>Masterclass in Neuroendocrinology</i> , 2020 , 367-391		

164	Specific Deletion of the Astrocyte Leptin Receptor Induces Changes in Hippocampus Glutamate Metabolism, Synaptic Transmission and Plasticity. <i>Neuroscience</i> , 2020 , 447, 182-190	3.9	11
163	Microglia, neurodegeneration and loss of neuroendocrine control. <i>Progress in Neurobiology</i> , 2020 , 184, 101720	10.9	16
162	Blocking of Estradiol Receptors ER α and GPER During Development, Differentially Alters Energy Metabolism in Male and Female Rats. <i>Neuroscience</i> , 2020 , 426, 59-68	3.9	3
161	Impact of Long-Term HFD Intake on the Peripheral and Central IGF System in Male and Female Mice. <i>Metabolites</i> , 2020 , 10,	5.6	4
160	Short-Term Diet Induced Changes in the Central and Circulating IGF Systems Are Sex Specific. <i>Frontiers in Endocrinology</i> , 2020 , 11, 513	5.7	3
159	Maternal hypercaloric diet affects factors involved in lipid metabolism and the endogenous cannabinoid systems in the hypothalamus of adult offspring: sex-specific response of astrocytes to palmitic acid and anandamide. <i>Nutritional Neuroscience</i> , 2020 , 1-14	3.6	4
158	Sex differences in the peripubertal response to a short-term, high-fat diet intake. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12756	3.8	9
157	Heterozygous rare genetic variants in non-syndromic early-onset obesity. <i>International Journal of Obesity</i> , 2020 , 44, 830-841	5.5	15
156	Sex, puberty, and ethnicity have a strong influence on growth and metabolic comorbidities in children and adolescents with obesity: Report on 1300 patients (the Madrid Cohort). <i>Pediatric Obesity</i> , 2019 , 14, e12565	4.6	8
155	Temperature as a Control of Obesity: Can We Target Thermogenesis?. <i>Endocrinology</i> , 2019 , 160, 2717-2748	4.8	18
154	Neurobiological characteristics underlying metabolic differences between males and females. <i>Progress in Neurobiology</i> , 2019 , 176, 18-32	10.9	12
153	Physiological and pathophysiological roles of hypothalamic astrocytes in metabolism. <i>Journal of Neuroendocrinology</i> , 2019 , 31, e12671	3.8	7
152	Perinatal free-choice of a high-calorie low-protein diet affects leptin signaling through IRS1 and AMPK dephosphorylation in the hypothalamus of female rat offspring in adulthood. <i>Acta Physiologica</i> , 2019 , 226, e13244	5.6	5
151	Role of astrocytes, microglia, and tanocytes in brain control of systemic metabolism. <i>Nature Neuroscience</i> , 2019 , 22, 7-14	25.5	108
150	Physiological and brain alterations produced by high-fat diet in male and female rats can be modulated by increased levels of estradiol during critical periods of development. <i>Nutritional Neuroscience</i> , 2019 , 22, 29-39	3.6	9
149	The Protective Effects of IGF-I against β Amyloid-related Downregulation of Hippocampal Somatostatinergic System Involve Activation of Akt and Protein Kinase A. <i>Neuroscience</i> , 2018 , 374, 104-118	3.9	6
148	rhIGF-1 Treatment Increases Bone Mineral Density and Trabecular Bone Structure in Children with PAPP-A2 Deficiency. <i>Hormone Research in Paediatrics</i> , 2018 , 89, 200-204	3.3	22
147	Resveratrol Intake During Pregnancy and Lactation Modulates the Early Metabolic Effects of Maternal Nutrition Differently in Male and Female Offspring. <i>Endocrinology</i> , 2018 , 159, 810-825	4.8	21

146	Cholecystokinin is involved in triglyceride fatty acid uptake by rat adipose tissue. <i>Journal of Endocrinology</i> , 2018 , 236, 137-150	4.7	7
145	Sex differences in the neuroendocrine control of metabolism and the implication of astrocytes. <i>Frontiers in Neuroendocrinology</i> , 2018 , 48, 3-12	8.9	25
144	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. <i>Endocrinology</i> , 2018 , 159, 368-387	4.8	26
143	The increase in fiber size in male rat gastrocnemius after chronic central leptin infusion is related to activation of insulin signaling. <i>Molecular and Cellular Endocrinology</i> , 2018 , 470, 48-59	4.4	7
142	Neonatal Overnutrition Increases Testicular Size and Expression of Luteinizing Hormone β Subunit in Peripubertal Male Rats. <i>Frontiers in Endocrinology</i> , 2018 , 9, 168	5.7	1
141	Metabolomics changes in patients with PAPP-A2 deficiency in response to rhIGF1 treatment. <i>Growth Hormone and IGF Research</i> , 2018 , 42-43, 28-31	2	3
140	Differential vulnerability to adverse nutritional conditions in male and female rats: Modulatory role of estradiol during development. <i>Frontiers in Neuroendocrinology</i> , 2018 , 48, 13-22	8.9	9
139	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. <i>Glia</i> , 2018 , 66, 522-537	9	46
138	Response to growth hormone in patients with mutations. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	3
137	Free-choice high-fat diet alters circadian oscillation of energy intake in adolescent mice: role of prefrontal cortex. <i>European Journal of Nutrition</i> , 2017 , 56, 1833-1844	5.2	3
136	Administration of a leptin antagonist during the neonatal leptin surge induces alterations in the redox and inflammatory state in peripubertal /adolescent rats. <i>Molecular and Cellular Endocrinology</i> , 2017 , 454, 125-134	4.4	4
135	Microglial Proliferation in Obesity: When, Where, Why, and What Does It Mean?. <i>Diabetes</i> , 2017 , 66, 804-805	8.5	2
134	One level up: abnormal proteolytic regulation of IGF activity plays a role in human pathophysiology. <i>EMBO Molecular Medicine</i> , 2017 , 9, 1338-1345	12	40
133	Ghrelin: A Link Between Energy Homeostasis and the Immune System. <i>Endocrinology</i> , 2017 , 158, 2077-2081	4.1	8
132	Glial cells and energy balance. <i>Journal of Molecular Endocrinology</i> , 2017 , 58, R59-R71	4.5	31
131	Involvement of Astrocytes in Mediating the Central Effects of Ghrelin. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	13
130	Non-Neuronal Cells in the Hypothalamic Adaptation to Metabolic Signals. <i>Frontiers in Endocrinology</i> , 2017 , 8, 51	5.7	22
129	Estradiol Uses Different Mechanisms in Astrocytes from the Hippocampus of Male and Female Rats to Protect against Damage Induced by Palmitic Acid. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 330	6.1	14

128	Evaluation of plasma cytokines in patients with cocaine use disorders in abstinence identifies transforming growth factor alpha (TGF α) as a potential biomarker of consumption and dual diagnosis. <i>PeerJ</i> , 2017 , 5, e3926	3.1	17
127	Treatment With Recombinant Human Insulin-Like Growth Factor-1 Improves Growth in Patients With PAPP-A2 Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3879-3883	5.6	35
126	Age and sex dependent effects of early overnutrition on metabolic parameters and the role of neonatal androgens. <i>Biology of Sex Differences</i> , 2016 , 7, 26	9.3	22
125	Blockage of neonatal leptin signaling induces changes in the hypothalamus associated with delayed pubertal onset and modifications in neuropeptide expression during adulthood in male rats. <i>Peptides</i> , 2016 , 86, 63-71	3.8	9
124	Mutations in pregnancy-associated plasma protein A2 cause short stature due to low IGF-I availability. <i>EMBO Molecular Medicine</i> , 2016 , 8, 363-74	12	108
123	Improvement in glycemia after glucose or insulin overload in leptin-infused rats is associated with insulin-related activation of hepatic glucose metabolism. <i>Nutrition and Metabolism</i> , 2016 , 13, 19	4.6	8
122	Interaction between neonatal maternal deprivation and serum leptin levels on metabolism, pubertal development, and sexual behavior in male and female rats. <i>Biology of Sex Differences</i> , 2016 , 7, 2	9.3	18
121	The role of astrocytes in the hypothalamic response and adaptation to metabolic signals. <i>Progress in Neurobiology</i> , 2016 , 144, 68-87	10.9	40
120	Plasma Chemokines in Patients with Alcohol Use Disorders: Association of CCL11 (Eotaxin-1) with Psychiatric Comorbidity. <i>Frontiers in Psychiatry</i> , 2016 , 7, 214	5	18
119	Effects of Adolescent Intermittent Alcohol Exposure on the Expression of Endocannabinoid Signaling-Related Proteins in the Spleen of Young Adult Rats. <i>PLoS ONE</i> , 2016 , 11, e0163752	3.7	8
118	Ghrelin Regulates Glucose and Glutamate Transporters in Hypothalamic Astrocytes. <i>Scientific Reports</i> , 2016 , 6, 23673	4.9	45
117	Sex-dependent effects of neonatal maternal deprivation on endocannabinoid levels in the adipose tissue: influence of diet. <i>Journal of Physiology and Biochemistry</i> , 2016 , 73, 349-357	5	4
116	Increased oxidative stress and apoptosis in the hypothalamus of diabetic male mice in the insulin receptor substrate-2 knockout model. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 573-83	4.1	14
115	Increased prepubertal body weight enhances leptin sensitivity in proopiomelanocortin and neuropeptide y neurons before puberty onset in female rats. <i>Endocrinology</i> , 2015 , 156, 1272-82	4.8	6
114	Blockage of the Neonatal Leptin Surge Affects the Gene Expression of Growth Factors, Glial Proteins, and Neuropeptides Involved in the Control of Metabolism and Reproduction in Peripubertal Male and Female Rats. <i>Endocrinology</i> , 2015 , 156, 2571-81	4.8	16
113	Chronic central leptin infusion modulates the glycemia response to insulin administration in male rats through regulation of hepatic glucose metabolism. <i>Molecular and Cellular Endocrinology</i> , 2015 , 415, 157-72	4.4	10
112	A proteomic approach to obesity and type 2 diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1455-70	5.6	27
111	Reduction in A β -induced cell death in the hippocampus of 17 β -estradiol-treated female rats is associated with an increase in IGF-I signaling and somatostatinergic tone. <i>Journal of Neurochemistry</i> , 2015 , 135, 1257-71	6	10

110	Role of non-neuronal cells in body weight and appetite control. <i>Frontiers in Endocrinology</i> , 2015 , 6, 42	5.7	44
109	Plasma concentrations of BDNF and IGF-1 in abstinent cocaine users with high prevalence of substance use disorders: relationship to psychiatric comorbidity. <i>PLoS ONE</i> , 2015 , 10, e0118610	3.7	19
108	Sex differences in psychiatric comorbidity and plasma biomarkers for cocaine addiction in abstinent cocaine-addicted subjects in outpatient settings. <i>Frontiers in Psychiatry</i> , 2015 , 6, 17	5	27
107	Plasma profile of pro-inflammatory cytokines and chemokines in cocaine users under outpatient treatment: influence of cocaine symptom severity and psychiatric co-morbidity. <i>Addiction Biology</i> , 2015 , 20, 756-72	4.6	71
106	Long Term Hippocampal and Cortical Changes Induced by Maternal Deprivation and Neonatal Leptin Treatment in Male and Female Rats. <i>PLoS ONE</i> , 2015 , 10, e0137283	3.7	21
105	Hypothalamic Leptin and Ghrelin Signaling as Targets for Improvement in Metabolic Control. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3596-605	3.3	13
104	The opposing effects of ghrelin on hypothalamic and systemic inflammatory processes are modulated by its acylation status and food intake in male rats. <i>Endocrinology</i> , 2014 , 155, 2868-80	4.8	19
103	Leptin signaling in astrocytes regulates hypothalamic neuronal circuits and feeding. <i>Nature Neuroscience</i> , 2014 , 17, 908-10	25.5	218
102	The absence of GH signaling affects the susceptibility to high-fat diet-induced hypothalamic inflammation in male mice. <i>Endocrinology</i> , 2014 , 155, 4856-67	4.8	15
101	The metabolic response to postnatal leptin in rats varies with age and may be litter dependent. <i>Hormone and Metabolic Research</i> , 2014 , 46, 462-70	3.1	5
100	Defective minor spliceosome mRNA processing results in isolated familial growth hormone deficiency. <i>EMBO Molecular Medicine</i> , 2014 , 6, 299-306	12	71
99	Morphological changes in glial fibrillary acidic protein immunopositive astrocytes in the hippocampus of dietary-induced obese mice. <i>NeuroReport</i> , 2014 , 25, 819-822	1.7	22
98	Principles and pitfalls in the differential diagnosis and management of childhood obesities. <i>Advances in Nutrition</i> , 2014 , 5, 299S-305S	10	7
97	Uncovering novel roles of nonneuronal cells in body weight homeostasis and obesity. <i>Endocrinology</i> , 2013 , 154, 3001-7	4.8	26
96	Acute up-regulation of the rat brain somatostatin receptor-effector system by leptin is related to activation of insulin signaling and may counteract central leptin actions. <i>Neuroscience</i> , 2013 , 252, 289-301	3.9	7
95	Estrogen, astrocytes and the neuroendocrine control of metabolism. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2013 , 14, 331-8	10.5	57
94	Maternal stress alters the developmental program of embryonic hippocampal neurons growing in vitro. <i>Psychoneuroendocrinology</i> , 2013 , 38, 455-9	5	2
93	Differential effects of GH and GH-releasing peptide-6 on astrocytes. <i>Journal of Endocrinology</i> , 2013 , 218, 263-74	4.7	13

92	Hypothalamic inflammation without astrogliosis in response to high sucrose intake is modulated by neonatal nutrition in male rats. <i>Endocrinology</i> , 2013 , 154, 2318-30	4.8	29
91	Adipokines in childhood obesity. <i>Vitamins and Hormones</i> , 2013 , 91, 107-42	2.5	19
90	Sex differences in adipose tissue: It is not only a question of quantity and distribution. <i>Adipocyte</i> , 2013 , 2, 128-34	3.2	88
89	Neonatal treatment with a pegylated leptin antagonist has a sexually dimorphic effect on hypothalamic trophic factors and neuropeptide levels. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 756-65	3.8	17
88	Early nutritional changes induce sexually dimorphic long-term effects on body weight gain and the response to sucrose intake in adult rats. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 812-22	12.7	26
87	Leptin-induced downregulation of the rat hippocampal somatostatinergic system may potentiate its anorexigenic effects. <i>Neurochemistry International</i> , 2012 , 61, 1385-96	4.4	14
86	Emerging role of glial cells in the control of body weight. <i>Molecular Metabolism</i> , 2012 , 1, 37-46	8.8	43
85	Maternal deprivation exacerbates the response to a high fat diet in a sexually dimorphic manner. <i>PLoS ONE</i> , 2012 , 7, e48915	3.7	33
84	Differential insulin receptor substrate-1 (IRS1)-related modulation of neuropeptide Y and proopiomelanocortin expression in nondiabetic and diabetic IRS2 ^{-/-} mice. <i>Endocrinology</i> , 2012 , 153, 1129-40	4.8	15
83	Early postnatal overnutrition increases adipose tissue accrual in response to a sucrose-enriched diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E1586-98	6	22
82	Leptin in early life: a key factor for the development of the adult metabolic profile. <i>Obesity Facts</i> , 2012 , 5, 138-50	5.1	26
81	Circadian feeding drive of metabolic activity in adipose tissue and not hyperphagia triggers overweight in mice: is there a role of the pentose-phosphate pathway?. <i>Endocrinology</i> , 2012 , 153, 690-9	4.8	26
80	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3900-13	15.9	143
79	A role for astrocytes in the central control of metabolism. <i>Neuroendocrinology</i> , 2011 , 93, 143-9	5.6	49
78	Insulin and growth hormone-releasing peptide-6 (GHRP-6) have differential beneficial effects on cell turnover in the pituitary, hypothalamus and cerebellum of streptozotocin (STZ)-induced diabetic rats. <i>Molecular and Cellular Endocrinology</i> , 2011 , 337, 101-13	4.4	8
77	Neuroprotective actions of ghrelin and growth hormone secretagogues. <i>Frontiers in Molecular Neuroscience</i> , 2011 , 4, 23	6.1	36
76	Activation of microglia in specific hypothalamic nuclei and the cerebellum of adult rats exposed to neonatal overnutrition. <i>Journal of Neuroendocrinology</i> , 2011 , 23, 365-70	3.8	57
75	Chronic central leptin infusion modifies the response to acute central insulin injection by reducing the interaction of the insulin receptor with IRS2 and increasing its association with SOCS3. <i>Journal of Neurochemistry</i> , 2011 , 117, 175-85	6	22

74	Differential acute and chronic effects of leptin on hypothalamic astrocyte morphology and synaptic protein levels. <i>Endocrinology</i> , 2011 , 152, 1809-18	4.8	84
73	Leptin and the brain. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011 , 7, 351-60	1.3	2
72	Effects of acute changes in neonatal leptin levels on food intake and long-term metabolic profiles in rats. <i>Endocrinology</i> , 2011 , 152, 4116-26	4.8	26
71	Prenatal stress induces long-term effects in cell turnover in the hippocampus-hypothalamus-pituitary axis in adult male rats. <i>PLoS ONE</i> , 2011 , 6, e27549	3.7	22
70	Synaptic input organization of the melanocortin system predicts diet-induced hypothalamic reactive gliosis and obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14875-80	11.5	304
69	The positive effects of growth hormone-releasing peptide-6 on weight gain and fat mass accrual depend on the insulin/glucose status. <i>Endocrinology</i> , 2010 , 151, 2008-18	4.8	9
68	Metabolic signals in human puberty: effects of over and undernutrition. <i>Molecular and Cellular Endocrinology</i> , 2010 , 324, 70-81	4.4	84
67	Maternal deprivation induces a rapid decline in circulating leptin levels and sexually dimorphic modifications in hypothalamic trophic factors and cell turnover. <i>Hormones and Behavior</i> , 2010 , 57, 405-14	2.7	44
66	Maternal deprivation has sexually dimorphic long-term effects on hypothalamic cell-turnover, body weight and circulating hormone levels. <i>Hormones and Behavior</i> , 2010 , 58, 808-19	3.7	41
65	The weight gain response to stress during adulthood is conditioned by both sex and prenatal stress exposure. <i>Psychoneuroendocrinology</i> , 2010 , 35, 403-13	5	16
64	Gender differences in the long-term effects of chronic prenatal stress on the HPA axis and hypothalamic structure in rats. <i>Psychoneuroendocrinology</i> , 2010 , 35, 1525-35	5	63
63	Regional and temporal differences in leptin signaling in rat brain. <i>General and Comparative Endocrinology</i> , 2010 , 167, 143-52	3	13
62	Neuropeptide S reinstates cocaine-seeking behavior and increases locomotor activity through corticotropin-releasing factor receptor 1 in mice. <i>Journal of Neuroscience</i> , 2009 , 29, 4155-61	6.6	87
61	Growth hormone-releasing peptide 6 protection of hypothalamic neurons from glutamate excitotoxicity is caspase independent and not mediated by insulin-like growth factor I. <i>European Journal of Neuroscience</i> , 2009 , 29, 2115-24	3.5	15
60	Ghrelin treatment protects lactotrophs from apoptosis in the pituitary of diabetic rats. <i>Molecular and Cellular Endocrinology</i> , 2009 , 309, 67-75	4.4	19
59	Death of hypothalamic astrocytes in poorly controlled diabetic rats is associated with nuclear translocation of apoptosis inducing factor. <i>Journal of Neuroendocrinology</i> , 2008 , 20, 1348-60	3.8	11
58	Cell-specific expression of X-linked inhibitor of apoptosis in the anterior pituitary of streptozotocin-induced diabetic rats. <i>Journal of Endocrinology</i> , 2007 , 192, 215-27	4.7	11
57	17Beta-estradiol protects depletion of rat temporal cortex somatostatinergic system by beta-amyloid. <i>Neurobiology of Aging</i> , 2007 , 28, 1396-409	5.6	20

56	Activation of the intrinsic cell death pathway, increased apoptosis and modulation of astrocytes in the cerebellum of diabetic rats. <i>Neurobiology of Disease</i> , 2006 , 23, 290-9	7.5	33
55	Increased apoptosis of lactotrophs in streptozotocin-induced diabetic rats is followed by increased proliferation. <i>Journal of Endocrinology</i> , 2006 , 191, 55-63	4.7	7
54	Growth hormone releasing peptide-6 acts as a survival factor in glutamate-induced excitotoxicity. <i>Journal of Neurochemistry</i> , 2006 , 99, 839-49	6	25
53	Reduction in the number of astrocytes and their projections is associated with increased synaptic protein density in the hypothalamus of poorly controlled diabetic rats. <i>Endocrinology</i> , 2006 , 147, 5314-24	4.8	44
52	The expression of GLP-1 receptor mRNA and protein allows the effect of GLP-1 on glucose metabolism in the human hypothalamus and brainstem. <i>Journal of Neurochemistry</i> , 2005 , 92, 798-806	6	183
51	Oestrogen requires the insulin-like growth factor-I receptor for stimulation of prolactin synthesis via mitogen-activated protein kinase. <i>Journal of Neuroendocrinology</i> , 2005 , 17, 97-104	3.8	10
50	Growth hormone-releasing peptide-6 increases insulin-like growth factor-I mRNA levels and activates Akt in RCA-6 cells as a model of neuropeptide Y neurones. <i>Journal of Neuroendocrinology</i> , 2005 , 17, 701-10	3.8	16
49	Basic physiology of the growth hormone/insulin-like growth factor axis. <i>Advances in Experimental Medicine and Biology</i> , 2005 , 567, 1-25	3.6	15
48	Activation of caspase 8 in the pituitaries of streptozotocin-induced diabetic rats: implication in increased apoptosis of lactotrophs. <i>Endocrinology</i> , 2005 , 146, 4417-24	4.8	23
47	The regulation of GH secretion by sex steroids. <i>European Journal of Endocrinology</i> , 2004 , 151 Suppl 3, U95-100	6.5	79
46	Effect of oral glucose administration on ghrelin levels in obese children. <i>European Journal of Endocrinology</i> , 2004 , 151, 119-21	6.5	41
45	Expression of glucose transporter isoform GLUT-2 and glucokinase genes in human brain. <i>Journal of Neurochemistry</i> , 2004 , 88, 1203-10	6	44
44	Ghrelin levels from fetal life through early adulthood: relationship with endocrine and metabolic and anthropometric measures. <i>Journal of Pediatrics</i> , 2004 , 144, 30-5	3.6	120
43	Response of circulating ghrelin levels to insulin therapy in children with newly diagnosed type 1 diabetes mellitus. <i>Pediatric Research</i> , 2004 , 55, 830-5	3.2	43
42	Growth hormone-releasing peptide-6 inhibits cerebellar cell death in aged rats. <i>NeuroReport</i> , 2003 , 14, 1633-5	1.7	20
41	Agonist-specific and sexual stage-dependent inhibition of gonadotropin-releasing hormone-stimulated gonadotropin and growth hormone release by ryanodine: relationship to sexual stage-dependent caffeine-sensitive hormone release. <i>Journal of Neuroendocrinology</i> , 2002 , 14, 144-55	3.8	27
40	Evidence that glucokinase regulatory protein is expressed and interacts with glucokinase in rat brain. <i>Journal of Neurochemistry</i> , 2002 , 80, 45-53	6	54
39	Inverse correlation between insulin-like growth factor (IGF)-binding protein-5 and IGF-I and II during postnatal development of the anterior pituitary gland. <i>Hormone Research in Paediatrics</i> , 2002 , 57, 10-4	3.3	6

38	Interaction between malnutrition and ovarian hormones on the systemic IGF-I axis. <i>European Journal of Endocrinology</i> , 2002 , 147, 417-24	6.5	12
37	Growth hormone (GH) and GH-releasing peptide-6 increase brain insulin-like growth factor-I expression and activate intracellular signaling pathways involved in neuroprotection. <i>Endocrinology</i> , 2002 , 143, 4113-22	4.8	109
36	Astroglia play a key role in the neuroprotective actions of estrogen. <i>Progress in Brain Research</i> , 2001 , 132, 469-78	2.9	61
35	Gene expression of the insulin-like growth factor system during postnatal development of the rat pituitary gland. <i>Journal of Neuroendocrinology</i> , 2001 , 13, 86-93	3.8	18
34	Anatomically specific changes in the expression of somatostatin, growth hormone-releasing hormone and growth hormone receptor mRNA in diabetic rats. <i>Journal of Neuroendocrinology</i> , 2000 , 12, 29-39	3.8	13
33	Estradiol and progesterone regulate the expression of insulin-like growth factor-I receptor and insulin-like growth factor binding protein-2 in the hypothalamus of adult female rats. <i>Journal of Neurobiology</i> , 2000 , 43, 269-81		59
32	Insulin-like growth factor-I receptors and estrogen receptors interact in the promotion of neuronal survival and neuroprotection. <i>Journal of Neurocytology</i> , 2000 , 29, 425-37		82
31	Peripheral versus central effects of glucagon-like peptide-1 receptor agonists on satiety and body weight loss in Zucker obese rats. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 709-17	12.7	133
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