Julie A Chowen

List of Publications by Year
in descending order

186	8,292	43973	60497
papers	citations	48 h-index	81 g-index

187	187	187	8606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synaptic input organization of the melanocortin system predicts diet-induced hypothalamic reactive gliosis and obesity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14875-14880.	3.3	370
2	Leptin signaling in astrocytes regulates hypothalamic neuronal circuits and feeding. Nature Neuroscience, 2014, 17, 908-910.	7.1	268
3	Gonadal hormones as promoters of structural synaptic plasticity: Cellular mechanisms. Progress in Neurobiology, 1994, 44, 279-307.	2.8	257
4	Estradiol upregulates Bcl-2 expression in adult brain neurons. NeuroReport, 1998, 9, 593-597.	0.6	244
5	The expression of GLP-1 receptor mRNA and protein allows the effect of GLP-1 on glucose metabolism in the human hypothalamus and brainstem. Journal of Neurochemistry, 2005, 92, 798-806.	2.1	241
6	Role of astroglia in estrogen regulation of synaptic plasticity and brain repair. , 1999, 40, 574-584.		234
7	Colocalization of Glucagonâ€Like Peptideâ€1 (GLPâ€1) Receptors, Glucose Transporter GLUTâ€2, and Glucokinase mRNAs in Rat Hypothalamic Cells: Evidence for a Role of GLPâ€1 Receptor Agonists as an Inhibitory Signal for Food and Water Intake. Journal of Neurochemistry, 1996, 67, 1982-1991.	2.1	205
8	Role of astrocytes, microglia, and tanycytes in brain control of systemic metabolism. Nature Neuroscience, 2019, 22, 7-14.	7.1	200
9	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. Journal of Clinical Investigation, 2012, 122, 3900-3913.	3.9	168
10	Expression of the Glucagonâ€Like Peptideâ€1 Receptor Gene in Rat Brain. Journal of Neurochemistry, 1996, 66, 920-927.	2.1	160
11	Endocrine Glia: Roles of Glial Cells in the Brain Actions of Steroid and Thyroid Hormones and in the Regulation of Hormone Secretion. Frontiers in Neuroendocrinology, 1996, 17, 180-211.	2.5	159
12	Mutations in pregnancyâ€associated plasma protein A2 cause short stature due to low <scp>IGF</scp> â€ availability. EMBO Molecular Medicine, 2016, 8, 363-374.	3.3	147
13	Peripheral versus central effects of glucagon-like peptide-1 receptor agonists on satiety and body weight loss in Zucker obese rats. Metabolism: Clinical and Experimental, 2000, 49, 709-717.	1.5	144
14	Ghrelin levels from fetal life through early adulthood: relationship with endocrine and metabolic and anthropometric measures. Journal of Pediatrics, 2004, 144, 30-35.	0.9	139
15	CB1 cannabinoid receptor antagonist-induced opiate withdrawal in morphine-dependent rats. NeuroReport, 1998, 9, 3397-3402.	0.6	137
16	Gonadal Hormone Regulation of Insulin-Like Growth Factor-I Like Immunoreactivity in Hypothalamic Astroglia of Developing and Adult Rats. Neuroendocrinology, 1994, 59, 528-538.	1.2	127
17	Multiple Endocrine Abnormalities of the Growth Hormone and Insulin-Like Growth Factor Axis in Patients with Anorexia Nervosa: Effect of Short- and Long-Term Weight Recuperation. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2084-2092.	1.8	123
18	Growth Hormone (GH) and GH-Releasing Peptide-6 Increase Brain Insulin-Like Growth Factor-I Expression and Activate Intracellular Signaling Pathways Involved in Neuroprotection. Endocrinology, 2002, 143, 4113-4122.	1.4	119

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19	Sex differences in adipose tissue. Adipocyte, 2013, 2, 128-134.	1.3	114
20	Metabolic signals in human puberty: Effects of over and undernutrition. Molecular and Cellular Endocrinology, 2010, 324, 70-81.	1.6	109
21	Multiple Endocrine Abnormalities of the Growth Hormone and Insulin-Like Growth Factor Axis in Prepubertal Children with Exogenous Obesity: Effect of Short- and Long-Term Weight Reduction. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2076-2083.	1.8	109
22	Sexual Dimorphism of Growth Hormone-Releasing Hormone and Somatostatin Gene Expression in the Hypothalamus of the Rat During Development*. Endocrinology, 1991, 128, 2369-2375.	1.4	103
23	The regulation of GH secretion by sex steroids. European Journal of Endocrinology, 2004, 151 Suppl 3, U95-100.	1.9	102
24	Neuropeptide S Reinstates Cocaine-Seeking Behavior and Increases Locomotor Activity through Corticotropin-Releasing Factor Receptor 1 in Mice. Journal of Neuroscience, 2009, 29, 4155-4161.	1.7	97
25	Trophic Effects of Estradiol on Fetal Rat Hypothalamic Neurons. Neuroendocrinology, 1992, 56, 895-901.	1.2	96
26	Defective minor spliceosome <scp>mRNA</scp> processing results in isolated familial growth hormone deficiency. EMBO Molecular Medicine, 2014, 6, 299-306.	3.3	96
27	Leptin plasma levels in healthy Spanish children and adolescents, children with obesity, and adolescents with anorexia nervosa and bulimia nervosa. Journal of Pediatrics, 1997, 131, 833-838.	0.9	94
28	Differential Acute and Chronic Effects of Leptin on Hypothalamic Astrocyte Morphology and Synaptic Protein Levels. Endocrinology, 2011, 152, 1809-1818.	1.4	91
29	Insulin-like growth factor-I receptors and estrogen receptors interact in the promotion of neuronal survival and neuroprotection. Journal of Neurocytology, 2000, 29, 425-437.	1.6	90
30	Role of Astroglia and Insulin-Like Growth Factor-I in Gonadal Hormone-Dependent Synaptic Plasticity. Brain Research Bulletin, 1997, 44, 525-531.	1.4	88
31	Plasma profile of proâ€inflammatory cytokines and chemokines in cocaine users under outpatient treatment: influence of cocaine symptom severity and psychiatric coâ€morbidity. Addiction Biology, 2015, 20, 756-772.	1.4	85
32	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. Glia, 2018, 66, 522-537.	2.5	83
33	Pro-Opiomelanocortin Messenger RNA in Hypothalamic Neurons Is Increased by Testosterone through Aromatization to Estradiol. Neuroendocrinology, 1990, 52, 581-588.	1.2	75
34	Gender differences in the long-term effects of chronic prenatal stress on the HPA axis and hypothalamic structure in rats. Psychoneuroendocrinology, 2010, 35, 1525-1535.	1.3	75
35	Estrogen, astrocytes and the neuroendocrine control of metabolism. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 331-338.	2.6	70
36	Evidence that glucokinase regulatory protein is expressed and interacts with glucokinase in rat brain. Journal of Neurochemistry, 2002, 80, 45-53.	2.1	68

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37	Activation of Microglia in Specific Hypothalamic Nuclei and the Cerebellum of Adult Rats Exposed to Neonatal Overnutrition. Journal of Neuroendocrinology, 2011, 23, 365-370.	1.2	65
38	One level up: abnormal proteolytic regulation of <scp>IGF</scp> activity plays a role in human pathophysiology. EMBO Molecular Medicine, 2017, 9, 1338-1345.	3.3	65
39	Astroglia play a key role in the neuroprotective actions of estrogen. Progress in Brain Research, 2001, 132, 469-478.	0.9	64
40	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. , 2000, 43, 269-281.		63
41	Ghrelin Regulates Glucose and Glutamate Transporters in Hypothalamic Astrocytes. Scientific Reports, 2016, 6, 23673.	1.6	62
42	Effect of oral glucose administration on ghrelin levels in obese children. European Journal of Endocrinology, 2004, 151, 119-121.	1.9	60
43	Expression of glucose transporter isoform GLUT-2 and glucokinase genes in human brain. Journal of Neurochemistry, 2004, 88, 1203-1210.	2.1	59
44	Sexual dimorphism and sex steroid modulation of glial fibrillary acidic protein messenger RNA and immunoreactivity levels in the rat hypothalamus. Neuroscience, 1995, 69, 519-532.	1.1	57
45	Reduction in the Number of Astrocytes and Their Projections Is Associated with Increased Synaptic Protein Density in the Hypothalamus of Poorly Controlled Diabetic Rats. Endocrinology, 2006, 147, 5314-5324.	1.4	55
46	Increased glucagon-like peptide-1 receptor expression in glia after mechanical lesion of the rat brain. Neuropeptides, 1999, 33, 212-215.	0.9	52
47	A Role for Astrocytes in the Central Control of Metabolism. Neuroendocrinology, 2011, 93, 143-149.	1.2	52
48	Emerging role of glial cells in the control of body weight. Molecular Metabolism, 2012, 1, 37-46.	3.0	52
49	Response of Circulating Ghrelin Levels to Insulin Therapy in Children with Newly Diagnosed Type 1 Diabetes Mellitus. Pediatric Research, 2004, 55, 830-835.	1.1	51
50	Maternal deprivation has sexually dimorphic long-term effects on hypothalamic cell-turnover, body weight and circulating hormone levels. Hormones and Behavior, 2010, 58, 808-819.	1.0	48
51	Neuroprotective actions of ghrelin and growth hormone secretagogues. Frontiers in Molecular Neuroscience, 2011, 4, 23.	1.4	48
52	Role of Non-Neuronal Cells in Body Weight and Appetite Control. Frontiers in Endocrinology, 2015, 6, 42.	1.5	48
53	Glial cells and energy balance. Journal of Molecular Endocrinology, 2017, 58, R59-R71.	1.1	48
54	Maternal deprivation induces a rapid decline in circulating leptin levels and sexually dimorphic modifications in hypothalamic trophic factors and cell turnover. Hormones and Behavior, 2010, 57, 405-414.	1.0	47

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55	The role of astrocytes in the hypothalamic response and adaptation to metabolic signals. Progress in Neurobiology, 2016, 144, 68-87.	2.8	47
56	Activation of the intrinsic cell death pathway, increased apoptosis and modulation of astrocytes in the cerebellum of diabetic rats. Neurobiology of Disease, 2006, 23, 290-299.	2.1	43
57	In vivo and in vitro Regulation of Pituitary Transcription Factor-1 (Pit-1) by Changes in the Hormone Environment. Neuroendocrinology, 1996, 63, 3-15.	1.2	40
58	Maternal Deprivation Exacerbates the Response to a High Fat Diet in a Sexually Dimorphic Manner. PLoS ONE, 2012, 7, e48915.	1.1	40
59	Treatment With Recombinant Human Insulin-Like Growth Factor-1 Improves Growth in Patients With PAPP-A2 Deficiency. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3879-3883.	1.8	40
60	Coexpression of Glucagon-Like Peptide-1 (GLP-1) Receptor, Vasopressin, and Oxytocin mRNAs in Neurons of the Rat Hypothalamic Supraoptic and Paraventricular Nuclei. Journal of Neurochemistry, 1999, 72, 10-16.	2.1	37
61	Role of glial cells in the generation of sex differences in neurodegenerative diseases and brain aging. Mechanisms of Ageing and Development, 2021, 196, 111473.	2.2	37
62	Ontogeny of Pituitary Transcription Factorâ€1 (Pitâ€1), Growth Hormone (GH) and Prolactin (PRL) mRNA Levels in Male and Female Rats and the Differential Expression of Pitâ€1 in Lactotrophs and Somatotrophs. Journal of Neuroendocrinology, 1996, 8, 211-225.	1.2	36
63	Sex steroid effects on the development and functioning of the growth hormone axis. Cellular and Molecular Neurobiology, 1996, 16, 297-310.	1.7	35
64	Leptin in Early Life: A Key Factor for the Development of the Adult Metabolic Profile. Obesity Facts, 2012, 5, 138-150.	1.6	34
65	Hypothalamic Inflammation Without Astrogliosis in Response to High Sucrose Intake Is Modulated by Neonatal Nutrition in Male Rats. Endocrinology, 2013, 154, 2318-2330.	1.4	34
66	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. Endocrinology, 2018, 159, 368-387.	1.4	34
67	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?. Endocrinology, 2012, 153, 690-699.	1.4	33
68	A proteomic approach to obesity and type 2 diabetes. Journal of Cellular and Molecular Medicine, 2015, 19, 1455-1470.	1.6	32
69	Resveratrol Intake During Pregnancy and Lactation Modulates the Early Metabolic Effects of Maternal Nutrition Differently in Male and Female Offspring. Endocrinology, 2018, 159, 810-825.	1.4	32
70	Sex differences in the neuroendocrine control of metabolism and the implication of astrocytes. Frontiers in Neuroendocrinology, 2018, 48, 3-12.	2.5	32
71	Sex Differences in Psychiatric Comorbidity and Plasma Biomarkers for Cocaine Addiction in Abstinent Cocaine-Addicted Subjects in Outpatient Settings. Frontiers in Psychiatry, 2015, 6, 17.	1.3	31
72	Glucagon-like peptide-1 (7â€“36) amide as a novel neuropeptide. Molecular Neurobiology, 1998, 18, 157-173.	1.9	29

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73	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. Journal of Neuroendocrinology, 2002, 14, 144-155.	1.2	29
74	Effects of Acute Changes in Neonatal Leptin Levels on Food Intake and Long-Term Metabolic Profiles in Rats. Endocrinology, 2011, 152, 4116-4126.	1.4	29
75	Non-Neuronal Cells in the Hypothalamic Adaptation to Metabolic Signals. Frontiers in Endocrinology, 2017, 8, 51.	1.5	29
76	Heterozygous rare genetic variants in non-syndromic early-onset obesity. International Journal of Obesity, 2020, 44, 830-841.	1.6	29
77	Growth hormone releasing peptide-6 acts as a survival factor in glutamate-induced excitotoxicity. Journal of Neurochemistry, 2006, 99, 839-849.	2.1	28
78	Early nutritional changes induce sexually dimorphic long-term effects on body weight gain and the response to sucrose intake in adult rats. Metabolism: Clinical and Experimental, 2012, 61, 812-822.	1.5	28
79	Cellular Composition of the Adult Rat Anterior Pituitary Is Influenced by the Neonatal Sex Steroid Environment. Neuroendocrinology, 1998, 68, 152-162.	1.2	27
80	Early postnatal overnutrition increases adipose tissue accrual in response to a sucrose-enriched diet. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1586-E1598.	1.8	26
81	Uncovering Novel Roles of Nonneuronal Cells in Body Weight Homeostasis and Obesity. Endocrinology, 2013, 154, 3001-3007.	1.4	26
82	rhIGF-1 Treatment Increases Bone Mineral Density and Trabecular Bone Structure in Children with PAPP-A2 Deficiency. Hormone Research in Paediatrics, 2018, 89, 200-204.	0.8	26
83	Microglia, neurodegeneration and loss of neuroendocrine control. Progress in Neurobiology, 2020, 184, 101720.	2.8	26
84	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. Journal of Neurochemistry, 2011, 117, 175-185.	2.1	25
85	Morphological changes in glial fibrillary acidic protein immunopositive astrocytes in the hippocampus of dietary-induced obese mice. NeuroReport, 2014, 25, 819-822.	0.6	25
86	Plasma Concentrations of BDNF and IGF-1 in Abstinent Cocaine Users with High Prevalence of Substance Use Disorders: Relationship to Psychiatric Comorbidity. PLoS ONE, 2015, 10, e0118610.	1.1	25
87	Age and sex dependent effects of early overnutrition on metabolic parameters and the role of neonatal androgens. Biology of Sex Differences, 2016, 7, 26.	1.8	25
88	Interaction between neonatal maternal deprivation and serum leptin levels on metabolism, pubertal development, and sexual behavior in male and female rats. Biology of Sex Differences, 2016, 7, 2.	1.8	25
89	Plasma Chemokines in Patients with Alcohol Use Disorders: Association of CCL11 (Eotaxin-1) with Psychiatric Comorbidity. Frontiers in Psychiatry, 2017, 7, 214.	1.3	25
90	Gene Expression of the Insulin-Like Growth Factor System During Postnatal Development of the Rat Pituitary Gland. Journal of Neuroendocrinology, 2001, 13, 86-93.	1.2	25

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91	Activation of Caspase 8 in the Pituitaries of Streptozotocin-Induced Diabetic Rats: Implication in Increased Apoptosis of Lactotrophs. Endocrinology, 2005, 146, 4417-4424.	1.4	24
92	The Opposing Effects of Ghrelin on Hypothalamic and Systemic Inflammatory Processes Are Modulated by Its Acylation Status and Food Intake in Male Rats. Endocrinology, 2014, 155, 2868-2880.	1.4	24
93	Prenatal Stress Induces Long-Term Effects in Cell Turnover in the Hippocampus-Hypothalamus-Pituitary Axis in Adult Male Rats. PLoS ONE, 2011, 6, e27549.	1.1	24
94	Long Term Hippocampal and Cortical Changes Induced by Maternal Deprivation and Neonatal Leptin Treatment in Male and Female Rats. PLoS ONE, 2015, 10, e0137283.	1.1	24
95	Evaluation of plasma cytokines in patients with cocaine use disorders in abstinence identifies transforming growth factor alpha (TGFÎ±) as a potential biomarker of consumption and dual diagnosis. PeerJ, 2017, 5, e3926.	0.9	23
96	Growth hormone-releasing peptide-6 inhibits cerebellar cell death in aged rats. NeuroReport, 2003, 14, 1633-1635.	0.6	22
97	Ghrelin treatment protects lactotrophs from apoptosis in the pituitary of diabetic rats. Molecular and Cellular Endocrinology, 2009, 309, 67-75.	1.6	22
98	Estradiol Uses Different Mechanisms in Astrocytes from the Hippocampus of Male and Female Rats to Protect against Damage Induced by Palmitic Acid. Frontiers in Molecular Neuroscience, 2017, 10, 330.	1.4	22
99	Differential effects of the neonatal and adult sex steroid environments on the organization and activation of hypothalamic growth hormone-releasing hormone and somatostatin neurons. , 0, .		22
100	Adipokines in Childhood Obesity. Vitamins and Hormones, 2013, 91, 107-142.	0.7	21
101	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). Pediatric Obesity, 2019, 14, e12565.	1.4	21
102	17Î²-Estradiol protects depletion of rat temporal cortex somatostatinergic system by Î²-amyloid. Neurobiology of Aging, 2007, 28, 1396-1409.	1.5	20
103	Specific Deletion of the Astrocyte Leptin Receptor Induces Changes in Hippocampus Glutamate Metabolism, Synaptic Transmission and Plasticity. Neuroscience, 2020, 447, 182-190.	1.1	20
104	Basic Physiology of the Growth Hormone/Insulin-Like Growth Factor Axis. , 2005, 567, 1-25.		19
105	The Absence of GH Signaling Affects the Susceptibility to High-Fat Diet-Induced Hypothalamic Inflammation in Male Mice. Endocrinology, 2014, 155, 4856-4867.	1.4	19
106	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. Endocrinology, 2015, 156, 2571-2581.	1.4	19
107	Death of Hypothalamic Astrocytes in Poorly Controlled Diabetic Rats is Associated with Nuclear Translocation of Apoptosis Inducing Factor. Journal of Neuroendocrinology, 2008, 20, 1348-1360.	1.2	18
108	Neonatal Treatment with a Pegylated Leptin Antagonist has a Sexually Dimorphic Effect on Hypothalamic Trophic Factors and Neuropeptide Levels. Journal of Neuroendocrinology, 2012, 24, 756-765.	1.2	18

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109	Involvement of Astrocytes in Mediating the Central Effects of Ghrelin. International Journal of Molecular Sciences, 2017, 18, 536.	1.8	18
110	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. Journal of Neuroendocrinology, 2005, 17, 701-710.	1.2	17
111	Growth hormoneâ€releasing peptide 6 protection of hypothalamic neurons from glutamate excitotoxicity is caspase independent and not mediated by insulinâ€like growth factor I. European Journal of Neuroscience, 2009, 29, 2115-2124.	1.2	17
112	The weight gain response to stress during adulthood is conditioned by both sex and prenatal stress exposure. Psychoneuroendocrinology, 2010, 35, 403-413.	1.3	17
113	Differential Insulin Receptor Substrate-1 (IRS1)-Related Modulation of Neuropeptide Y and Proopiomelanocortin Expression in Nondiabetic and Diabetic IRS2â^'/â^' Mice. Endocrinology, 2012, 153, 1129-1140.	1.4	17
114	Differential effects of GH and GH-releasing peptide-6 on astrocytes. Journal of Endocrinology, 2013, 218, 263-274.	1.2	17
115	Hypothalamic Leptin and Ghrelin Signaling as Targets for Improvement in Metabolic Control. Current Pharmaceutical Design, 2015, 21, 3596-3605.	0.9	17
116	Increased oxidative stress and apoptosis in the hypothalamus of diabetic male mice in the insulin receptor substrate-2 knockout model. DMM Disease Models and Mechanisms, 2016, 9, 573-83.	1.2	16
117	Neurobiological characteristics underlying metabolic differences between males and females. Progress in Neurobiology, 2019, 176, 18-32.	2.8	16
118	Sexually Dimorphic Interaction of Insulinâ€Like Growth Factor (IGF)â€1 and Sex Steriods in Lactotrophs. Journal of Neuroendocrinology, 1998, 10, 493-502.	1.2	15
119	Anatomically Specific Changes in the Expression of Somatostatin, Growth Hormone-Releasing Hormone and Growth Hormone Receptor mRNA in Diabetic Rats. Journal of Neuroendocrinology, 2001, 12, 29-39.	1.2	15
120	Pregnancy-Associated Plasma Protein (PAPP)-A2 in Physiology and Disease. Cells, 2021, 10, 3576.	1.8	15
121	Regional and temporal differences in leptin signaling in rat brain. General and Comparative Endocrinology, 2010, 167, 143-152.	0.8	14
122	Leptin-induced downregulation of the rat hippocampal somatostatinergic system may potentiate its anorexigenic effects. Neurochemistry International, 2012, 61, 1385-1396.	1.9	14
123	Cholecystokinin is involved in triglyceride fatty acid uptake by rat adipose tissue. Journal of Endocrinology, 2018, 236, 137-150.	1.2	14
124	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. Nutritional Neuroscience, 2019, 22, 29-39.	1.5	14
125	High-fat diet alters stress behavior, inflammatory parameters and gut microbiota in Tg APP mice in a sex-specific manner. Neurobiology of Disease, 2021, 159, 105495.	2.1	14
126	Differential vulnerability to adverse nutritional conditions in male and female rats: Modulatory role of estradiol during development. Frontiers in Neuroendocrinology, 2018, 48, 13-22.	2.5	14

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127	Interaction between malnutrition and ovarian hormones on the systemic IGF-I axis. European Journal of Endocrinology, 2002, 147, 417-424.	1.9	13
128	Sex differences in the peripubertal response to a shortâ€term, highâ€fat diet intake. Journal of Neuroendocrinology, 2020, 32, e12756.	1.2	13
129	Control of the Transcription of the Growth Hormone-Releasing Hormone and Somatostatin Genes by Sex Steroids. Hormone Research, 1993, 40, 48-53.	1.8	12
130	Inverse Correlation between Insulin-Like Growth Factor (IGF)-Binding Protein-5 and IGF-I and II during Postnatal Development of the Anterior Pituitary Gland. Hormone Research in Paediatrics, 2002, 57, 10-14.	0.8	12
131	Cell-specific expression of X-linked inhibitor of apoptosis in the anterior pituitary of streptozotocin-induced diabetic rats. Journal of Endocrinology, 2007, 192, 215-227.	1.2	12
132	Reduction in AÎ²â€induced cell death in the hippocampus of 17Î²â€estradiolâ€treated female rats is associated with an increase in IGFâ€I signaling and somatostatinergic tone. Journal of Neurochemistry, 2015, 135, 1257-1271.	2.1	12
133	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. Peptides, 2016, 86, 63-71.	1.2	12
134	The Protective Effects of IGF-I against Î²-Amyloid-related Downregulation of Hippocampal Somatostatinergic System Involve Activation of Akt and Protein Kinase A. Neuroscience, 2018, 374, 104-118.	1.1	12
135	Ethnicity Strongly Influences Body Fat Distribution Determining Serum Adipokine Profile and Metabolic Derangement in Childhood Obesity. Frontiers in Pediatrics, 2020, 8, 551103.	0.9	12
136	Chronic central leptin infusion modulates the glycemia response to insulin administration in male rats through regulation of hepatic glucose metabolism. Molecular and Cellular Endocrinology, 2015, 415, 157-172.	1.6	11
137	Physiological and pathophysiological roles of hypothalamic astrocytes in metabolism. Journal of Neuroendocrinology, 2019, 31, e12671.	1.2	11
138	Perinatal freeâ€choice of a highâ€calorie lowâ€protein diet affects leptin signaling through IRS1 and AMPK dephosphorylation in the hypothalami of female rat offspring in adulthood. Acta Physiologica, 2019, 226, e13244.	1.8	11
139	Leptin Modulates the Response of Brown Adipose Tissue to Negative Energy Balance: Implication of the GH/IGF-I Axis. International Journal of Molecular Sciences, 2021, 22, 2827.	1.8	11
140	Alterations in Leptin Signaling in Amyotrophic Lateral Sclerosis (ALS). International Journal of Molecular Sciences, 2021, 22, 10305.	1.8	11
141	Oestrogen Requires the Insulin-like Growth Factor-I Receptor for Stimulation of Prolactin Synthesis via Mitogen-Activated Protein Kinase. Journal of Neuroendocrinology, 2005, 17, 97-104.	1.2	10
142	The Positive Effects of Growth Hormone-Releasing Peptide-6 on Weight Gain and Fat Mass Accrual Depend on the Insulin/Glucose Status. Endocrinology, 2010, 151, 2008-2018.	1.4	10
143	Improvement in glycemia after glucose or insulin overload in leptin-infused rats is associated with insulin-related activation of hepatic glucose metabolism. Nutrition and Metabolism, 2016, 13, 19.	1.3	10
144	Circannual Somatostatin Gene and Somatostatin Receptor Gene Expression in the Early Post-Natal Rat Pineal Gland. Neuroendocrinology, 1997, 66, 368-374.	1.2	9

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145	Brain Ac39/physophilin: cloning, coexpression and colocalization with synaptophysin. European Journal of Neuroscience, 1998, 10, 1153-1166.	1.2	9
146	Increased apoptosis of lactotrophs in streptozotocin-induced diabetic rats is followed by increased proliferation. Journal of Endocrinology, 2006, 191, 55-63.	1.2	9
147	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. Molecular and Cellular Endocrinology, 2011, 337, 101-113.	1.6	9
148	Ghrelin: A Link Between Energy Homeostasis and the Immune System. Endocrinology, 2017, 158, 2077-2081.	1.4	9
149	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. Nutritional Neuroscience, 2022, 25, 931-944.	1.5	9
150	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. Neuroscience, 2013, 252, 289-301.	1.1	8
151	Principles and Pitfalls in the Differential Diagnosis and Management of Childhood Obesities. Advances in Nutrition, 2014, 5, 299S-305S.	2.9	8
152	Effects of Adolescent Intermittent Alcohol Exposure on the Expression of Endocannabinoid Signaling-Related Proteins in the Spleen of Young Adult Rats. PLoS ONE, 2016, 11, e0163752.	1.1	8
153	The increase in fiber size in male rat gastrocnemius after chronic central leptin infusion is related to activation of insulin signaling. Molecular and Cellular Endocrinology, 2018, 470, 48-59.	1.6	8
154	Blocking of Estradiol Receptors ERÎ±, ERÎ² and GPER During Development, Differentially Alters Energy Metabolism in Male and Female Rats. Neuroscience, 2020, 426, 59-68.	1.1	8
155	Impact of Long-Term HFD Intake on the Peripheral and Central IGF System in Male and Female Mice. Metabolites, 2020, 10, 462.	1.3	8
156	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. Journal of Psychopharmacology, 2020, 34, 1250-1260.	2.0	8
157	Amyloid-Î²1-40 differentially stimulates proliferation, activation of oxidative stress and inflammatory responses in male and female hippocampal astrocyte cultures. Mechanisms of Ageing and Development, 2021, 195, 111462.	2.2	8
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