

Karen Briski

List of Publications by Year in descending order

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129
papers

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citations

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Antiproliferative and Apoptotic Effects of Tocopherols and Tocotrienols on Preneoplastic and Neoplastic Mouse Mammary Epithelial Cells. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 224, 292-301.	1.8	155
2	Antiproliferative and apoptotic effects of tocopherols and tocotrienols on normal mouse mammary epithelial cells. <i>Lipids</i> , 2000, 35, 171-80.	1.7	137
3	Recurrent insulin-induced hypoglycemia causes site-specific patterns of habituation or amplification of CNS neuronal genomic activation. <i>Neuroscience</i> , 2005, 130, 957-970.	2.3	80
4	Effects of Estradiol on Glucoprivic Transactivation of Catecholaminergic Neurons in the Female Rat Caudal Brainstem. <i>Neuroendocrinology</i> , 2001, 73, 369-377.	2.5	59
5	I.c.v. administration of the nonsteroidal glucocorticoid receptor antagonist, CP-472555, prevents exacerbated hypoglycemia during repeated insulin administration. <i>Neuroscience</i> , 2006, 140, 555-565.	2.3	51
6	In situ coexpression of glucose and monocarboxylate transporter mRNAs in metabolic-sensitive caudal dorsal vagal complex catecholaminergic neurons: transcriptional reactivity to insulin-induced hypoglycemia and caudal hindbrain glucose or lactate repletion during insulin-induced hypoglycemia. <i>Neuroscience</i> , 2009, 164, 1152-1160.	2.3	47
7	Lactate is a critical "sensed" variable in caudal hindbrain monitoring of CNS metabolic stasis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1777-R1786.	1.8	46
8	Antiproliferative effects of Î³-tocotrienol are associated with lipid raft disruption in HER2-positive human breast cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 266-277.	4.2	46
9	Effect of Specific Acute Stressors on Luteinizing Hormone Release in Ovariectomized and Ovariectomized Estrogen-Treated Female Rats. <i>Neuroendocrinology</i> , 1988, 47, 194-202.	2.5	42
10	Norepinephrine regulation of ventromedial hypothalamic nucleus metabolic transmitter biomarker and astrocyte enzyme and receptor expression: Impact of 5Î² AMP-activated protein kinase. <i>Brain Research</i> , 2019, 1711, 48-57.	2.2	38
11	Quantitative RT-PCR and immunoblot analyses reveal acclimated A2 noradrenergic neuron substrate fuel transporter, glucokinase, phospho-AMPK, and dopamine-Î²-hydroxylase responses to hypoglycemia. <i>Journal of Neuroscience Research</i> , 2011, 89, 1114-1124.	2.9	36
12	Acute Inhibition of Pituitary LH Release in the Male Rat by the Glucocorticoid Agonist Decadron Phosphate. <i>Neuroendocrinology</i> , 1991, 54, 313-320.	2.5	32
13	Hindbrain lactostasis regulates hypothalamic AMPK activity and metabolic neurotransmitter mRNA and protein responses to hypoglycemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R457-R469.	1.8	32
14	Caudal fourth ventricular administration of the AMPK activator 5-aminoimidazole-4-carboxamide-riboside regulates glucose and counterregulatory hormone profiles, dorsal vagal complex metabolosensory neuron function, and hypothalamic fos expression. <i>Journal of Neuroscience Research</i> , 2013, 91, 1226-1238.	2.9	31
15	A2 noradrenergic nerve cell metabolic transducer and nutrient transporter adaptation to hypoglycemia: Impact of estrogen. <i>Journal of Neuroscience Research</i> , 2012, 90, 1347-1358.	2.9	30
16	Role of Endogenous Opiates in Glucoprivic Inhibition of the Luteinizing Hormone Surge and Fos Expression by Preoptic Gonadotropin-Releasing Hormone Neurons in Ovariectomized Steroid-Primed Female Rats. <i>Journal of Neuroendocrinology</i> , 1998, 10, 769-776.	2.6	28
17	Hindbrain 5Î²-Adenosine Monophosphate-activated Protein Kinase Mediates Short-term Food Deprivation Inhibition of the Gonadotropin-releasing Hormone "Luteinizing Hormone Axis: Role of Nitric Oxide. <i>Neuroscience</i> , 2018, 383, 46-59.	2.3	28
18	Caudal brainstem Fos expression is restricted to periventricular catecholamine neuron-containing loci following intraventricular administration of 2-deoxy-d -glucose. <i>Experimental Brain Research</i> , 2000, 133, 547-551.	1.5	27

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19	Effects of Estradiol on Glycemic and CNS Neuronal Activational Responses to Recurrent Insulin-Induced Hypoglycemia in the Ovariectomized Female Rat. <i>Neuroendocrinology</i> , 2006, 84, 235-242.	2.5	27
20	Hindbrain medulla catecholamine cell group involvement in lactate-sensitive hypoglycemia-associated patterns of hypothalamic norepinephrine and epinephrine activity. <i>Neuroscience</i> , 2014, 278, 20-30.	2.3	27
21	Sex differences in forebrain estrogen receptor regulation of hypoglycemic patterns of counter-regulatory hormone secretion and ventromedial hypothalamic nucleus glucoregulatory neurotransmitter and astrocyte glycogen metabolic enzyme expression. <i>Neuropeptides</i> , 2018, 72, 65-74.	2.2	26
22	Septopreoptic $\frac{1}{4}$ Opioid Receptor Mediation of Hindbrain Glucoprivic Inhibition of Reproductive Neuroendocrine Function in the Female Rat. <i>Endocrinology</i> , 2004, 145, 5322-5331.	2.8	24
23	Habituation of insulin-induced hypoglycemic transcription activation of lateral hypothalamic orexin-A-containing neurons to recurring exposure. <i>Regulatory Peptides</i> , 2006, 135, 1-6.	1.9	24
24	Adaptation of Feeding and Counter-Regulatory Hormone Responses to Intermediate Insulin-Induced Hypoglycaemia in the Ovariectomised Female Rat: Effects of Oestradiol. <i>Journal of Neuroendocrinology</i> , 2009, 21, 578-585.	2.6	24
25	Norepinephrine control of ventromedial hypothalamic nucleus glucoregulatory neurotransmitter expression in the female rat: Role of monocarboxylate transporter function. <i>Molecular and Cellular Neurosciences</i> , 2019, 95, 51-58.	2.2	23
26	Caudal hindbrain lactate infusion alters glucokinase, SUR1, and neuronal substrate fuel transporter gene expression in the dorsal vagal complex, lateral hypothalamic area, and ventromedial nucleus hypothalamus of hypoglycemic male rats. <i>Brain Research</i> , 2007, 1176, 62-70.	2.2	22
27	β -Tocotrienol-induced disruption of lipid rafts in human breast cancer cells is associated with a reduction in exosome heregulin content. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 83-93.	4.2	21
28	Oxytocin and Vasopressin Neurones in Principal and Accessory Hypothalamic Magnocellular Structures Express Fos-Immunoreactivity in Response to Acute Glucose Deprivation. <i>Journal of Neuroendocrinology</i> , 2001, 12, 409-414.	2.6	20
29	Effects of Estradiol on Acute and Recurrent Insulin-Induced Hypoglycemia-Associated Patterns of Arcuate Neuropeptide Y, Proopiomelanocortin, and Cocaine- and Amphetamine-Related Transcript Gene Expression in the Ovariectomized Rat. <i>Neuroendocrinology</i> , 2007, 86, 270-276.	2.5	20
30	Role of dorsal vagal complex A2 noradrenergic neurons in hindbrain glucoprivic inhibition of the luteinizing hormone surge in the steroid-primed ovariectomized female rat: Effects of 5-thiogluucose on A2 functional biomarker and AMPK activity. <i>Neuroscience</i> , 2014, 269, 199-214.	2.3	20
31	Estrogen regulates energy metabolic pathway and upstream adenosine 5'-monophosphate-activated protein kinase and phosphatase enzyme expression in dorsal vagal complex metabolosensory neurons during glucostasis and hypoglycemia. <i>Journal of Neuroscience Research</i> , 2015, 93, 321-332.	2.9	20
32	Sex-dimorphic estrogen receptor regulation of ventromedial hypothalamic nucleus glucoregulatory neuron adrenergic receptor expression in hypoglycemic male and female rats. <i>Brain Research</i> , 2019, 1720, 146311.	2.2	20
33	Hindbrain Estrogen Receptor Regulation of Ventromedial Hypothalamic Glycogen Metabolism and Glucoregulatory Transmitter Expression in the Hypoglycemic Female Rat. <i>Neuroscience</i> , 2019, 411, 211-221.	2.3	19
34	Effects of acute versus recurrent insulin-induced hypoglycemia on ventromedial hypothalamic nucleus metabolic-sensory neuron AMPK activity: Impact of alpha1-adrenergic receptor signaling. <i>Brain Research Bulletin</i> , 2020, 157, 41-50.	3.0	19
35	Induction of immediate-early gene expression in preoptic and hypothalamic neurons by the glucocorticoid receptor agonist, dexamethasone. <i>Brain Research</i> , 1997, 768, 185-196.	2.2	18
36	Testicular regulation of neuronal glucose and monocarboxylate transporter gene expression profiles in CNS metabolic sensing sites during acute and recurrent insulin-induced hypoglycemia. <i>Journal of Molecular Neuroscience</i> , 2007, 31, 37-46.	2.3	18

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37	Effects of caudal hindbrain lactate infusion on insulin-induced hypoglycemia and neuronal substrate transporter glucokinase and sulfonylurea receptor-1 gene expression in the ovariectomized female rat dorsal vagal complex: Impact of estradiol. <i>Journal of Neuroscience Research</i> , 2008, 86, 694-701.	2.9	18
38	Estradiol regulation of hypothalamic astrocyte adenosine 5'-monophosphate-activated protein kinase activity: Role of hindbrain catecholamine signaling. <i>Brain Research Bulletin</i> , 2015, 110, 47-53.	3.0	18
39	Role of hindbrain adenosine 5'-monophosphate-activated protein kinase (AMPK) in hypothalamic AMPK and metabolic neuropeptide adaptation to recurring insulin-induced hypoglycemia in the male rat. <i>Neuropeptides</i> , 2017, 66, 25-35.	2.2	18
40	Hindbrain estrogen receptor regulation of ventromedial hypothalamic glycogen metabolism and glucoregulatory transmitter expression in the hypoglycemic male rat. <i>Neuroscience</i> , 2019, 409, 253-260.	2.3	18
41	Sex-specific estrogen regulation of hypothalamic astrocyte estrogen receptor expression and glycogen metabolism in rats. <i>Molecular and Cellular Endocrinology</i> , 2020, 504, 110703.	3.2	18
42	Induction of Fos Immunoreactivity Labeling in Rat Forebrain Metabolic Loci by Caudal Fourth Ventricular Infusion of the Monocarboxylate Transporter Inhibitor, Alpha-Cyano-4-Hydroxycinnamic Acid. <i>Neuroendocrinology</i> , 2005, 82, 49-57.	2.5	17
43	Energy metabolism and hindbrain AMPK: regulation by estradiol. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 17, 129-136.	0.7	17
44	Role of estradiol in intrinsic hindbrain AMPK regulation of hypothalamic AMPK, metabolic neuropeptide, and norepinephrine activity and food intake in the female rat. <i>Neuroscience</i> , 2016, 314, 35-46.	2.3	17
45	Combinatory high-resolution microdissection/ultra performance liquid chromatographic mass spectrometry approach for small tissue volume analysis of rat brain glycogen. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112884.	2.8	17
46	Effects of Intracerebroventricular Glycogen Phosphorylase Inhibitor CP-316,819 Infusion on Hypothalamic Glycogen Content and Metabolic Neuron AMPK Activity and Neurotransmitter Expression in Male Rat. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 647-658.	2.3	17
47	Site-Specific Induction of Fos Immunoreactivity in Preoptic and Hypothalamic NADPH-Positive Neurons during Glucoprivation. <i>Neuroendocrinology</i> , 1999, 69, 181-190.	2.5	16
48	Dorsomedial hindbrain catecholamine regulation of hypothalamic astrocyte glycogen metabolic enzyme protein expression: Impact of estradiol. <i>Neuroscience</i> , 2015, 292, 34-45.	2.3	16
49	Lateral but not Medial Hypothalamic AMPK Activation Occurs at the Hypoglycemic Nadir in Insulin-injected Male Rats: Impact of Caudal Dorsomedial Hindbrain Catecholamine Signaling. <i>Neuroscience</i> , 2018, 379, 103-114.	2.3	16
50	Transcriptional Activation of Nucleus tractus solitarii/Area postrema Catecholaminergic Neurons by Pharmacological Inhibition of Caudal Hindbrain Monocarboxylate Transporter Function. <i>Neuroendocrinology</i> , 2005, 81, 96-102.	2.5	15
51	Role of dorsal vagal motor nucleus orexin-receptor-1 in glycemic responses to acute versus repeated insulin administration. <i>Neuropeptides</i> , 2007, 41, 111-116.	2.2	15
52	Site-Specific Effects of Intracranial Estradiol Administration on Recurrent Insulin-Induced Hypoglycemia in the Ovariectomized Female Rat. <i>Neuroendocrinology</i> , 2012, 96, 311-323.	2.5	15
53	Differential impact of naltrexone on luteinizing hormone release during single versus repetitive exposure to restraint stress. <i>Psychoneuroendocrinology</i> , 1992, 17, 125-133.	2.7	14
54	Glucoprivic induction of Fos immunoreactivity in hypothalamic dopaminergic neurons. <i>NeuroReport</i> , 1998, 9, 289-295.	1.2	13

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55	Estradiol regulates effects of hindbrain activator 5-aminoimidazole-4-carboxamide-riboside administration on hypothalamic adenosine 5'-monophosphate-activated protein kinase activity and metabolic neurotransmitter mRNA and protein expression. <i>Journal of Neuroscience Research</i> , 2015, 93, 651-659.	2.9	13
56	Sex differences in glucoprivic regulation of glycogen metabolism in hypothalamic primary astrocyte cultures: Role of estrogen receptor signaling. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 111000.	3.2	13
57	Ventromedial hypothalamic nucleus glycogen regulation of metabolic-sensory neuron AMPK and neurotransmitter expression: role of lactate. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R791-R799.	1.8	13
58	Role of endogenous opioid peptides in central glucocorticoid Receptor (GR)-induced decreases in circulating LH in the male rat. <i>Neuropeptides</i> , 1995, 28, 175-181.	2.2	12
59	Induction of Fos immunoreactivity by acute glucose deprivation in the rat caudal brainstem: relation to NADPH diaphorase localization. <i>Histochemistry and Cell Biology</i> , 1999, 111, 229-233.	1.7	12
60	Pharmacological manipulation of central nitric oxide/guanylate cyclase activity alters Fos expression by rat hypothalamic vasopressinergic neurons during acute glucose deprivation. <i>Journal of Chemical Neuroanatomy</i> , 1999, 17, 13-19.	2.1	12
61	Energy status determines hindbrain signal transduction pathway transcriptional reactivity to AMPK in the estradiol-treated ovariectomized female rat. <i>Neuroscience</i> , 2015, 284, 888-899.	2.3	12
62	Î³-Tocotrienol Suppression of the Warburg Effect Is Mediated by AMPK Activation in Human Breast Cancer Cells. <i>Nutrition and Cancer</i> , 2019, 71, 1214-1228.	2.0	12
63	Estrogen Receptor Involvement in Noradrenergic Regulation of Ventromedial Hypothalamic Nucleus Glucoregulatory Neurotransmitter and Stimulus-Specific Glycogen Phosphorylase Enzyme Isoform Expression. <i>ASN Neuro</i> , 2020, 12, 175909142091093.	2.7	12
64	Oral Delivery of Nucleic Acids with Passive and Active Targeting to the Intestinal Tissue Using Polymer-Based Nanocarriers. <i>Pharmaceutics</i> , 2021, 13, 1075.	4.5	12
65	Effects of Hypoglycaemia on Neurotransmitter and Hormone Receptor Gene Expression in Laser-Dissected Arcuate Neuropeptide Y/Agouti-Related Peptide Neurons. <i>Journal of Neuroendocrinology</i> , 2010, 22, 599-607.	2.6	11
66	Effects of estradiol on lactoprivic signaling of the hindbrain upon the contraregulatory hormonal response and metabolic neuropeptide synthesis in hypoglycemic female rats. <i>Neuropeptides</i> , 2018, 70, 37-46.	2.2	11
67	Hindbrain dorsal vagal complex AMPK controls hypothalamic gluco-regulatory transmitter and counter-regulatory hormone responses to hypoglycemia. <i>Brain Research Bulletin</i> , 2019, 144, 171-179.	3.0	11
68	Optimization of Ultra-High-Performance Liquid Chromatography-Electrospray Ionization-Mass Spectrometry Detection of Glutamine-FMOC Ad-Hoc Derivative by Central Composite Design. <i>Scientific Reports</i> , 2020, 10, 7134.	3.3	11
69	Effects of Protein Tyrosine Phosphatase Inhibitors on EGF- and Insulin-Dependent Mammary Epithelial Cell Growth. <i>Experimental Biology and Medicine</i> , 1998, 217, 180-187.	2.4	10
70	Hindbrain estrogen receptor-beta antagonism normalizes reproductive and counter-regulatory hormone secretion in hypoglycemic steroid-primed ovariectomized female rats. <i>Neuroscience</i> , 2016, 331, 62-71.	2.3	10
71	Hindbrain A2 noradrenergic neuron adenosine 5'-monophosphate-activated protein kinase activation, upstream kinase/phosphorylase protein expression, and receptivity to hormone and fuel reporters of short-term food deprivation are regulated by estradiol. <i>Journal of Neuroscience Research</i> , 2017, 95, 1427-1437.	2.9	10
72	Sex-dimorphic neuroestrogen regulation of ventromedial hypothalamic nucleus glucoregulatory transmitter and glycogen metabolism enzyme protein expression in the rat. <i>BMC Neuroscience</i> , 2020, 21, 51.	1.9	10

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73	Site-specific habituation of insulin-induced hypoglycemic induction of Fos immunoreactivity in glucocorticoid receptor: immunopositive neurons in the male rat brain. <i>Experimental Brain Research</i> , 2007, 176, 260-266.	1.5	9
74	Effects of Adrenalectomy on Neuronal Substrate Fuel Transporter and Energy Transducer Gene Expression in Hypothalamic and Hindbrain Metabolic Monitoring Sites. <i>Neuroendocrinology</i> , 2010, 91, 56-63.	2.5	9
75	Hindbrain lactate regulates preoptic gonadotropin-releasing hormone (GnRH) neuron GnRH-I protein but not AMPK responses to hypoglycemia in the steroid-primed ovariectomized female rat. <i>Neuroscience</i> , 2015, 298, 467-474.	2.3	9
76	Inhibition of glycogen phosphorylase stimulates ventromedial hypothalamic nucleus AMP-activated protein kinase. <i>Physiological Reports</i> , 2017, 5, e13484.	1.7	9
77	Caudal Hindbrain Glucoprivation Enhances \hat{I}^3 -Aminobutyric Acid Release in Discrete Septopreoptic Structures in the Steroid-Primed Ovariectomized Rat Brain: Role of \hat{I}^4 Opioid Receptors. <i>Neuroendocrinology</i> , 2004, 80, 201-209.	2.5	8
78	Effects of acute and chronic insulin-induced hypoglycemia on type II glucocorticoid receptor (GR) gene expression in characterized CNS metabolic loci. <i>Brain Research Bulletin</i> , 2006, 70, 240-244.	3.0	8
79	Effects of Caudal Fourth Ventricular Lactate Infusion on Hypoglycemia-Associated MCT2, GLUT3, GLUT4, GCK, and Sulfonylurea Receptor-1 Gene Expression in the Ovariectomized Female Rat LHA and VMH: Impact of Estradiol. <i>Journal of Molecular Neuroscience</i> , 2008, 34, 121-129.	2.3	8
80	Hypoglycemia differentially regulates hypothalamic glucoregulatory neurotransmitter gene and protein expression: Role of caudal dorsomedial hindbrain catecholaminergic input. <i>Neuropeptides</i> , 2013, 47, 139-147.	2.2	8
81	Sex Differences and Role of Estradiol in Hypoglycemia-Associated Counter-Regulation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1043, 359-383.	1.6	8
82	Hyperglycaemia induced by chronic $\langle scp \rangle$ and oral glucose loading leads to hypertension through increased $\langle Na \rangle$ retention in proximal tubule. <i>Experimental Physiology</i> , 2018, 103, 236-249.	2.0	8
83	Norepinephrine Regulation of Adrenergic Receptor Expression, $5\hat{\epsilon}^{\text{TM}}$ AMP-Activated Protein Kinase Activity, and Glycogen Metabolism and Mass in Male Versus Female Hypothalamic Primary Astrocyte Cultures. <i>ASN Neuro</i> , 2020, 12, 175909142097413.	2.7	8
84	Glycogen Phosphorylase Isoform Regulation of Ventromedial Hypothalamic Nucleus Gluco-Regulatory Neuron $5\hat{\epsilon}^2$ -AMP-Activated Protein Kinase and Transmitter Marker Protein Expression. <i>ASN Neuro</i> , 2021, 13, 175909142110350.	2.7	8
85	Induction of ependymal, glial, and neuronal transactivation by intraventricular administration of the SGLT1 $\langle Na \rangle$ -D-glucose cotransporter inhibitor phlorizin. , 2001, 26, 783-792.		7
86	Impact of recurring intermediate insulin-induced hypoglycemia on hypothalamic paraventricular corticotropin-releasing hormone, oxytocin, vasopressin and glucokinase gene profiles: role of type II glucocorticoid receptors. <i>Experimental Brain Research</i> , 2009, 195, 499-507.	1.5	7
87	Deferred Feeding and Body Weight Responses to Short-Term Interruption of Fuel Acquisition: Impact of Estradiol. <i>Hormone and Metabolic Research</i> , 2015, 47, 611-621.	1.5	7
88	Hindbrain lactoprivic regulation of hypothalamic neuron transactivation and gluco-regulatory neurotransmitter expression: Impact of antecedent insulin-induced hypoglycemia. <i>Neuropeptides</i> , 2019, 77, 101962.	2.2	7
89	Norepinephrine Regulation of Ventromedial Hypothalamic Nucleus Astrocyte Glycogen Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 759.	4.1	7
90	Impact of recurrent hypoglycemic stress on hindbrain $\hat{A}2$ nerve cell energy metabolism and catecholamine \hat{A} biosynthesis: modulation by estradiol. <i>Acta Neurobiologiae Experimentalis</i> , 2017, 77, 31-44.	0.7	7

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91	Hindbrain glucoprivic inhibition of the proestrus lutenizing hormone surge in the female rat is attenuated by exogenous lactate administration. <i>Neuroscience Research Communications</i> , 2002, 31, 67-73.	0.2	6
92	Vagal complex monocarboxylate transporter-2 expression during hypoglycemia. <i>NeuroReport</i> , 2006, 17, 1023-1026.	1.2	6
93	Effects of orchidectomy on adaptation of arcuate neuropeptide Y, proopiomelanocortin, and cocaine- and amphetamine-related transcript gene profiles to recurring insulin-induced hypoglycemia in the male rat. <i>Neuropeptides</i> , 2008, 42, 585-591.	2.2	6
94	Hindbrain Neuroglucopenia Elicits Site-Specific Transcriptional Activation of Glutamate Decarboxylase-Immunopositive Neurons in the Septopreoptic Area of Female Rat Brain. <i>Neuroendocrinology</i> , 2008, 87, 113-120.	2.5	6
95	Analysis of Combinatorial miRNA Treatments to Regulate Cell Cycle and Angiogenesis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6
96	Sex-dimorphic aromatase regulation of ventromedial hypothalamic nucleus glycogen content in euglycemic and insulin-induced hypoglycemic rats. <i>Neuroscience Letters</i> , 2020, 737, 135284.	2.1	6
97	Sex-dimorphic Rostro-caudal Patterns of 5 α -AMP-activated Protein Kinase Activation and Glucoregulatory Transmitter Marker Protein Expression in the Ventrolateral Ventromedial Hypothalamic Nucleus (VMNvl) in Hypoglycemic Male and Female Rats: Impact of Estradiol. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1082-1094.	2.3	6
98	Hindbrain metabolic deficiency regulates ventromedial hypothalamic nucleus glycogen metabolism and glucose-regulatory signaling. <i>Acta Neurobiologiae Experimentalis</i> , 2020, 80, 57-65.	0.7	6
99	Hindbrain metabolic deficiency regulates ventromedial hypothalamic nucleus glycogen metabolism and glucose-regulatory signaling. <i>Acta Neurobiologiae Experimentalis</i> , 2020, 80, 57-65.	0.7	6
100	Adaptation of Glucokinase Gene Expression in the Rat Dorsal Vagal Complex in a Model for Recurrent Intermediate Insulin-Induced Hypoglycemia: Impact of Gender. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 80-85.	2.3	5
101	Effects of intracerebroventricular administration of the NPY-Y1 receptor antagonist, 1229U91, on hyperphagic and glycemic responses to acute and chronic intermediate insulin-induced hypoglycemia in female rats. <i>Regulatory Peptides</i> , 2010, 159, 14-18.	1.9	5
102	Sex differences in ventromedial hypothalamic nucleus glucoregulatory transmitter biomarker protein during recurring insulin-induced hypoglycemia. <i>Brain Structure and Function</i> , 2021, 226, 1053-1065.	2.3	5
103	Single-cell multiplex qPCR evidence for sex-dimorphic glutamate decarboxylase, estrogen receptor, and 5 α -AMP-activated protein kinase alpha subunit mRNA expression by ventromedial hypothalamic nucleus GABAergic neurons. <i>Journal of Chemical Neuroanatomy</i> , 2022, 124, 102132.	2.1	5
104	Type II glucocorticoid receptor involvement in habituated activation of lateral hypothalamic area orexin-A-immunopositive neurons during recurring insulin-induced hypoglycemia. <i>Neuroscience Research</i> , 2006, 56, 309-313.	1.9	4
105	Sex-specific basal and hypoglycemic patterns of in vivo caudal dorsal vagal complex astrocyte glycogen metabolic enzyme protein expression. <i>Brain Research</i> , 2014, 1586, 90-98.	2.2	4
106	Estradiol Regulates Dorsal Vagal Complex Signal Transduction Pathway Transcriptional Reactivity to the AMPK Activator 5-Aminoimidazole-4-Carboxamide-Riboside (AICAR). <i>Journal of Molecular Neuroscience</i> , 2015, 56, 907-916.	2.3	4
107	Sex-dimorphic moderate hypoglycemia preconditioning effects on Hippocampal CA1 neuron bio-energetic and anti-oxidant function. <i>Molecular and Cellular Biochemistry</i> , 2020, 473, 39-50.	3.1	4
108	Ultra-High-Performance Liquid Chromatography-Electrospray Ionization-Mass Spectrometry for High-Neuroanatomical Resolution Quantification of Brain Estradiol Concentrations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113606.	2.8	4

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109	Sex-specific acclimation of A2 noradrenergic neuron dopamine- β -hydroxylase and estrogen receptor variant protein and 5 β -AMP-Activated protein kinase reactivity to recurring hypoglycemia in rat. <i>Journal of Chemical Neuroanatomy</i> , 2020, 109, 101845.	2.1	4
110	HPLC β -electrospray ionization β -mass spectrometry optimization by high β -performance design of experiments for astrocyte glutamine measurement. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4680.	1.6	4
111	Central GABAA but not GABAB Receptors Mediate Suppressive Effects of Caudal Hindbrain Glucoprivation on the Luteinizing Hormone Surge in Steroid-Primed, Ovariectomized Female Rats. <i>Journal of Neuroendocrinology</i> , 2005, 17, 407-412.	2.6	3
112	Adaptation of Arcuate Insulin Receptor, Estrogen Receptor-Alpha, Estrogen Receptor-Beta, and Type-II Glucocorticoid Receptor Gene Profiles to Chronic Intermediate Insulin-Induced Hypoglycemia in Estrogen-Treated Ovariectomized Female Rats. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 304-309.	2.3	3
113	High performance liquid chromatography-electrospray ionization mass spectrometric (LC-ESI-MS) methodology for analysis of amino acid energy substrates in microwave-fixed microdissected brain tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113123.	2.8	3
114	UHPLC β -electrospray ionization β -mass spectrometric analysis of brain cell-specific glucogenic and neurotransmitter amino acid content. <i>Scientific Reports</i> , 2021, 11, 16079.	3.3	3
115	Impact of caudal hindbrain glycogen metabolism on A2 noradrenergic neuron AMPK activation and ventromedial hypothalamic nucleus norepinephrine activity and glucoregulatory neurotransmitter marker protein expression. <i>Neuropeptides</i> , 2020, 82, 102055.	2.2	3
116	Glycogen phosphorylase isoform regulation of glucose and energy sensor expression in male versus female rat hypothalamic astrocyte primary cultures. <i>Molecular and Cellular Endocrinology</i> , 2022, 553, 111698.	3.2	3
117	Central opioid receptors mediate glucoprivic inhibition of pituitary LH secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 272, E517-E522.	3.5	2
118	Rebound Feeding in the Wake of Short-Term Suspension of Food Intake Differs in the Presence of Estrous Cycle Peak versus Nadir Levels of Estradiol. <i>Endocrinology and Metabolism</i> , 2017, 32, 475.	3.0	2
119	Norepinephrine Regulation of Ventromedial Hypothalamic Nucleus Metabolic-Sensory Neuron 5 β -AMP-Activated Protein Kinase Activity: Impact of Estradiol. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2013.	4.1	2
120	Neuroestradiol regulation of ventromedial hypothalamic nucleus 5 β -AMP-activated protein kinase activity and counterregulatory hormone secretion in hypoglycemic male versus female rats. <i>AIMS Neuroscience</i> , 2021, 8, 133-147.	2.3	2
121	Hindbrain lactate regulation of hypoglycemia-associated patterns of catecholamine and metabolic-sensory biomarker gene expression in A2 noradrenergic neurons innervating the male versus female ventromedial hypothalamic nucleus. <i>Journal of Chemical Neuroanatomy</i> , 2022, 122, 102102.	2.1	2
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123	Nuclear Microprobe Analysis of Transmembrane Ion Flux in Rat Brain. <i>Materials Research Society Symposia Proceedings</i> , 2001, 711, 1.	0.1	1
124	Re-purposing of histological tissue sections for corroborative western blot analysis of hypothalamic metabolic neuropeptide expression following delineation of transactivated structures by Fos immuno-mapping. <i>Neuropeptides</i> , 2015, 50, 29-33.	2.2	1
125	Ventrolateral ventromedial hypothalamic nucleus GABA neuron adaptation to recurring Hypoglycemia correlates with up-regulated 5 β -AMP-activated protein kinase activity. <i>AIMS Neuroscience</i> , 2021, 8, 510-525.	2.3	1
126	Mu Opioid Receptor Regulation of Gonadotropin-Releasing Hormone-Luteinizing Hormone Axis during Short-Term Food Deprivation: Role of Alpha1-Adrenoreceptor Signaling. <i>Neuroendocrinology Letters</i> , 2018, 39, 363-370.	0.2	1

#	ARTICLE	IF	CITATIONS
127	Hindbrain catecholamine regulation of ventromedial hypothalamic nucleus glycogen metabolism during acute versus recurring insulin-induced hypoglycemia in male versus female rat. <i>Endocrine and Metabolic Science</i> , 2021, 3, 100087.	1.6	0
128	Hypoglycemic and post-hypoglycemic patterns of glycogen phosphorylase isoform expression in the ventrolateral ventromedial hypothalamic nucleus: impact of sex and estradiol. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 196-206.	0.7	0
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