Quentin J Pittman

List of Publications by Year
in descending order

235 papers	12,514 citations	25014 57 h-index	31818 101 g-index
235 all docs	235 docs citations	235 times ranked	10293 citing authors

#	Article	IF	Citations
1	Identification and Functional Characterization of Brainstem Cannabinoid CB2 Receptors. Science, 2005, 310, 329-332.	6.0	1,357
2	Epilepsy and brain inflammation. Experimental Neurology, 2013, 244, 11-21.	2.0	466
3	Microglial activation and TNFÎ± production mediate altered CNS excitability following peripheral inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17151-17156.	3.3	348
4	Cytokines and brain excitability. Frontiers in Neuroendocrinology, 2012, 33, 116-125.	2.5	329
5	Hypothalamic enkephalin neurones may regulate the neurohypophysis. Nature, 1979, 277, 653-655.	13.7	274
6	Postnatal Inflammation Increases Seizure Susceptibility in Adult Rats. Journal of Neuroscience, 2008, 28, 6904-6913.	1.7	257
7	Contributions of peripheral inflammation to seizure susceptibility: Cytokines and brain excitability. Epilepsy Research, 2010, 89, 34-42.	0.8	255
8	Somatostatin hyperpolarizes hippocampal pyramidal cells in vitro. Brain Research, 1981, 221, 402-408.	1.1	208
9	Talking back: dendritic neurotransmitter release. Trends in Neurosciences, 2003, 26, 255-261.	4.2	192
10	Synergy between tumor necrosis factor Î± and interleukin-1 in the induction of sickness behavior in mice. Psychoneuroendocrinology, 1994, 19, 197-207.	1.3	180
11	CENTRAL EFFECTS OF ARGININE VASOPRESSIN ON BLOOD PRESSURE IN RATS. Endocrinology, 1982, 110, 1058-1060.	1.4	179
12	Dendritically Released Peptides Act as Retrograde Modulators of Afferent Excitation in the Supraoptic Nucleus In Vitro. Neuron, 1997, 19, 903-912.	3.8	175
13	Causal Links between Brain Cytokines and Experimental Febrile Convulsions in the Rat. Epilepsia, 2005, 46, 1906-1913.	2.6	175
14	Microglia-Dependent Alteration of Glutamatergic Synaptic Transmission and Plasticity in the Hippocampus during Peripheral Inflammation. Journal of Neuroscience, 2015, 35, 4942-4952.	1.7	170
15	Connections of the hypothalamic paraventricular necleus with the neurohypophysis, median eminence, amygdala, lateral septum and midbrain periaqueductal gray: An electrophysiological study in the rat. Brain Research, 1981, 215, 15-28.	1.1	152
16	Effects of ethanol on CA1 and CA3 pyramidal cells in the hippocampal slice preparation: an intracellular study. Brain Research, 1987, 414, 22-34.	1.1	136
17	Oxytocin Released within the Supraoptic Nucleus of the Rat Brain by Positive Feedback Action is Involved in Parturitionâ€Related Events. Journal of Neuroendocrinology, 1996, 8, 227-233.	1.2	127
18	Long-Term Alterations in Neuroimmune Responses after Neonatal Exposure to Lipopolysaccharide. Journal of Neuroscience, 2004, 24, 4928-4934.	1.7	125

#	Article	IF	Citations
19	Dendritically released transmitters cooperate via autocrine and retrograde actions to inhibit afferent excitation in rat brain. Journal of Physiology, 2004, 559, 611-624.	1.3	124
20	Effects of cannabinoid receptor-2 activation on accelerated gastrointestinal transit in lipopolysaccharide-treated rats. British Journal of Pharmacology, 2004, 142, 1247-1254.	2.7	122
21	Cannabinoid CB₂ receptors in the enteric nervous system modulate gastrointestinal contractility in lipopolysaccharide-treated rats. American Journal of Physiology - Renal Physiology, 2008, 295, G78-G87.	1.6	122
22	Interleukin-1Î² Stimulates both Central and Peripheral Release of Vasopressin and Oxytocin in the Rat. European Journal of Neuroscience, 1995, 7, 592-598.	1.2	120
23	Neonatal inflammation produces selective behavioural deficits and alters <i>N</i>â€methylâ€<scp>d</scp>â€aspartate receptor subunit mRNA in the adult rat brain. European Journal of Neuroscience, 2008, 27, 644-653.	1.2	118
24	Septal and Hippocampal Release of Vasopressin and Oxytocin during Late Pregnancy and Parturition in the Rat. Neuroendocrinology, 1991, 54, 378-383.	1.2	115
25	Arvanil, anandamide and N-arachidonoyl-dopamine (NADA) inhibit emesis through cannabinoid CB1 and vanilloid TRPV1 receptors in the ferret. European Journal of Neuroscience, 2007, 25, 2773-2782.	1.2	111
26	Fever and sickness behavior: Friend or foe?. Brain, Behavior, and Immunity, 2015, 50, 322-333.	2.0	110
27	Altered cognitive-emotional behavior in early experimental autoimmune encephalitis â€“ Cytokine and hormonal correlates. Brain, Behavior, and Immunity, 2013, 33, 164-172.	2.0	107
28	Early life immune challengeâ€”effects on behavioural indices of adult rat fear and anxiety. Behavioural Brain Research, 2005, 164, 231-238.	1.2	102
29	Viral-like brain inflammation during development causes increased seizure susceptibility in adult rats. Neurobiology of Disease, 2009, 36, 343-351.	2.1	102
30	The role of interleukin-1Î² in febrile seizures. Brain and Development, 2009, 31, 388-393.	0.6	101
31	Early-Life Immune Challenge: Defining a Critical Window for Effects on Adult Responses to Immune Challenge. Neuropsychopharmacology, 2006, 31, 1910-1918.	2.8	98
32	Thyrotropin-releasing hormone selectively depresses glutamate excitation of cerebral cortical neurons. Science, 1979, 205, 1275-1277.	6.0	97
33	Early life immune challenge alters innate immune responses to lipopolysaccharide: implications for host defense as adults. FASEB Journal, 2005, 19, 1519-1521.	0.2	97
34	Mechanisms of deep brain stimulation: an intracellular study in rat thalamus. Journal of Physiology, 2004, 559, 301-313.	1.3	91
35	Neuropeptide Y reduces orthodromically evoked population spike in rat hippocampal CA1 by a possibly presynaptic mechanism. Brain Research, 1985, 346, 404-408.	1.1	90
36	Lipopolysaccharide-induced Febrile Convulsions in the Rat: Short-term Sequelae. Epilepsia, 2004, 45, 1317-1329.	2.6	89

#	Article	IF	Citations
37	A neutral CB₁ receptor antagonist reduces weight gain in rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2185-R2193.	0.9	88
38	Cannabinoid CB2 Receptors in Health and Disease. Current Medicinal Chemistry, 2010, 17, 1394-1410.	1.2	87
39	Noradrenaline is a stress-associated metaplastic signal at GABA synapses. Nature Neuroscience, 2013, 16, 605-612.	7.1	84
40	Morphine and opioid peptides reduce paraventricular neuronal activity: studies on the rat hypothalamic slice preparation.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 5527-5531.	3.3	79
41	Neurobehavioral comorbidities of epilepsy: Role of inflammation. Epilepsia, 2017, 58, 48-56.	2.6	77
42	Early Life Activation of Toll-Like Receptor 4 Reprograms Neural Anti-Inflammatory Pathways. Journal of Neuroscience, 2010, 30, 7975-7983.	1.7	74
43	Bombesin-induced poikilothermy in rats. Brain Research, 1980, 188, 525-530.	1.1	70
44	A Novel Antipyretic Action of 15-Deoxy-Â12,14-Prostaglandin J2 in the Rat Brain. Journal of Neuroscience, 2004, 24, 1312-1318.	1.7	70
45	Neonatal immune challenge alters nociception in the adult rat. Pain, 2005, 119, 133-141.	2.0	70
46	P-Selectin-Mediated Monocyteâ€“Cerebral Endothelium Adhesive Interactions Link Peripheral Organ Inflammation To Sickness Behaviors. Journal of Neuroscience, 2013, 33, 14878-14888.	1.7	68
47	Subcellular Localization and Characterization of Vasopressin Binding Sites in the Ventral Septal Area, Lateral Septum, and Hippocampus of the Rat Brain. Journal of Neurochemistry, 1988, 50, 889-898.	2.1	67
48	Push-pull Perfusion and Microdialysis Studies of Central Oxytocin and Vasopressin Release in Freely Moving Rats during Pregnancy, Parturition, and Lactation. Annals of the New York Academy of Sciences, 1992, 652, 326-339.	1.8	66
49	Neonatal programming of the rat neuroimmune response: stimulus specific changes elicited by bacterial and viral mimetics. Journal of Physiology, 2006, 571, 695-701.	1.3	66
50	Disruption of the blood-brain barrier during TNBS colitis. Neurogastroenterology and Motility, 2005, 17, 433-446.	1.6	65
51	Bombesin acts in preoptic area to produce hypothermia in rats. Life Sciences, 1980, 26, 725-730.	2.0	64
52	Short-Term Potentiation of Miniature Excitatory Synaptic Currents Causes Excitation of Supraoptic Neurons. Journal of Neurophysiology, 2000, 83, 2542-2553.	0.9	63
53	Vasopressin Differentially Modulates Non-NMDA Receptors in Vasopressin and Oxytocin Neurons in the Supraoptic Nucleus. Journal of Neuroscience, 2003, 23, 4270-4277.	1.7	63
54	Release of immunoassayable neurohypophyseal peptides from rat spinal cord, in vivo. Brain Research, 1984, 300, 321-326.	1.1	60

#	Article	IF	Citations
55	Febrile Convulsions Induced by the Combination of Lipopolysaccharide and Low-dose Kainic Acid Enhance Seizure Susceptibility, Not Epileptogenesis, in Rats. Epilepsia, 2005, 46, 1898-1905.	2.6	60
56	Maternal Immune Activation Produces Cerebellar Hyperplasia and Alterations in Motor and Social Behaviors in Male and Female Mice. Cerebellum, 2015, 14, 491-505.	1.4	60
57	Electrophysiological identification of neurons in the parabrachial nucleus projecting directly to the hypothalamus in the rat. Brain Research, 1984, 322, 388-392.	1.1	59
58	Arginine vasopressin, fever and temperature regulation. Progress in Brain Research, 1999, 119, 383-392.	0.9	59
59	Vasopressin antagonist in nucleus tractus solitarius/vagal area reduces pressor and tachycardia responses to paraventricular nucleus stimulation in rats. Neuroscience Letters, 1985, 56, 155-160.	1.0	58
60	AM 251 produces sustained reductions in food intake and body weight that are resistant to tolerance and conditioned taste aversion. British Journal of Pharmacology, 2006, 147, 109-116.	2.7	58
61	Early Life Exposure to Lipopolysaccharide Suppresses Experimental Autoimmune Encephalomyelitis by Promoting Tolerogenic Dendritic Cells and Regulatory T Cells. Journal of Immunology, 2009, 183, 298-309.	0.4	58
62	Endocannabinoids Gate State-Dependent Plasticity of Synaptic Inhibition in Feeding Circuits. Neuron, 2011, 71, 529-541.	3.8	58
63	Central arginine vasopressin and endogenous antipyresis. Canadian Journal of Physiology and Pharmacology, 1992, 70, 786-790.	0.7	56
64	BLOOD ALCOHOL LEVELS IN RATS: NONâ€UNIFORM YIELDS FROM INTRAPERITONEAL DOSES BASED ON BODY WEIGHT. British Journal of Pharmacology, 1982, 75, 251-254.	2.7	55
65	A dopaminergic inhibitory postsynaptic potential mediated by an increased potassium conductance. Neuroscience, 1989, 31, 673-681.	1.1	55
66	Presynaptic inhibition by neuropeptide Y and baclofen in hippocampus: insensitivity to pertussis toxin treatment. Brain Research, 1989, 498, 99-104.	1.1	55
67	Peripheral Inflammation Exacerbates Damage After Global Ischemia Independently of Temperature and Acute Brain Inflammation. Stroke, 2007, 38, 1570-1577.	1.0	55
68	Effects of acute hypoxia and hyperthermia on the permeability of the blood-brain barrier in adult rats. Journal of Applied Physiology, 2009, 107, 1348-1356.	1.2	55
69	Electrophysiology of Ethanol on Central Neurons. Annals of the New York Academy of Sciences, 1987, 492, 350-366.	1.8	51
70	Stress-induced modulation of endocannabinoid signaling leads to delayed strengthening of synaptic connectivity in the amygdala. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 650-655.	3.3	50
71	Gender inequality in publishing during the COVID-19 pandemic. Brain, Behavior, and Immunity, 2021, 91, 1-3.	2.0	50
72	Sex effects on neurodevelopmental outcomes of innate immune activation during prenatal and neonatal life. Hormones and Behavior, 2012, 62, 228-236.	1.0	49

#	Article	IF	Citations
73	Activation of Presynaptic GABA_B Receptors Inhibits Evoked IPSCs in Rat Magnocellular Neurons In Vitro. Journal of Neurophysiology, 1998, 79, 1508-1517.	0.9	48
74	A Neuro-Endocrine-Immune Symphony. Journal of Neuroendocrinology, 2011, 23, 1296-1297.	1.2	48
75	Sustained glucocorticoid exposure recruits cortico-limbic CRH signaling to modulate endocannabinoid function. Psychoneuroendocrinology, 2016, 66, 151-158.	1.3	47
76	Reduced Microglial Activity and Enhanced Glutamate Transmission in the Basolateral Amygdala in Early CNS Autoimmunity. Journal of Neuroscience, 2018, 38, 9019-9033.	1.7	47
77	Sensitivity of identified medial hypothalamic neurons to GABA, glycine and related amino acids; influence of bicuculline, picrotoxin and strychnine on synaptic inhibition. Brain Research, 1981, 209, 145-158.	1.1	46
78	Increased motor disturbances in response to arginine vasopressin following hemorrhage or hypertonic saline: Evidence for central AVP release in rats. Brain Research, 1983, 273, 59-65.	1.1	46
79	Chapter 18 Modulation of synaptic transmission by oxytocin and vasopressin in the supraoptic nucleus. Progress in Brain Research, 2002, 139, 235-246.	0.9	45
80	Altered Brain Excitability and Increased Anxiety in Mice With Experimental Colitis: Consideration of Hyperalgesia and Sex Differences. Frontiers in Behavioral Neuroscience, 2018, 12, 58.	1.0	45
81	Circumventricular organs and fever. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1690-R1695.	0.9	44
82	Vasopressin Preferentially Depresses Excitatory Over Inhibitory Synaptic Transmission in the Rat Supraoptic Nucleus In Vitro. Journal of Neuroendocrinology, 2001, 12, 361-367.	1.2	44
83	Febrile Seizures: Current Views and Investigations. Canadian Journal of Neurological Sciences, 2009, 36, 679-686.	0.3	44
84	Dopamine D4 Receptor Activation Inhibits Presynaptically Glutamatergic Neurotransmission in the Rat Supraoptic Nucleus. Journal of Neurophysiology, 2001, 86, 1149-1155.	0.9	43
85	Nifedipine facilitates neurotransmitter release independently of calcium channels. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6139-6144.	3.3	43
86	Rat Neonatal Immune Challenge Alters Adult Responses to Cerebral Ischaemia. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 456-467.	2.4	43
87	Increased excitability and molecular changes in adult rats after a febrile seizure. Epilepsia, 2013, 54, e45-e48.	2.6	43
88	Central neurohypophyseal peptide pathways: Interactions with endocrine and other autonomic functions. Peptides, 1982, 3, 515-520.	1.2	42
89	Neonatal immune challenge does not affect body weight regulation in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R581-R589.	0.9	42
90	Influence of midbrain stimulation on the excitability of neurons in the medial hypothalamus of the rat. Brain Research, 1979, 174, 39-53.	1.1	41

#	Article	IF	Citations
91	Peptidergic Modulation of Synaptic Transmission in the Parabrachial NucleusIn Vitro: Importance of Degradative Enzymes in Regulating Synaptic Efficacy. Journal of Neuroscience, 1996, 16, 6046-6055.	1.7	40
92	Cannabinoid 1 receptors are critical for the innate immune response to TLR4 stimulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R224-R231.	0.9	40
93	Spontaneous activity in perfused hypothalamic slices: Dependence on calcium content of perfusate. Experimental Brain Research, 1981, 42, 49-52.	0.7	38
94	Long term alterations in neuroimmune responses of female rats after neonatal exposure to lipopolysaccharide. Brain, Behavior, and Immunity, 2006, 20, 325-330.	2.0	38
95	Cholecystokinin and neurotensin inversely modulate excitatory synaptic transmission in the parabrachial nucleus in vitro. Neuroscience, 1997, 77, 23-35.	1.1	36
96	Postnatal programming of the innate immune response. Integrative and Comparative Biology, 2009, 49, 237-245.	0.9	36
97	Intracortical Microstimulation (ICMS) Activates Motor Cortex Layer 5 Pyramidal Neurons Mainly Transsynaptically. Brain Stimulation, 2015, 8, 742-750.	0.7	36
98	Peptidergic Activation of Locomotor Pattern Generators in the Neonatal Spinal Cord. Journal of Neuroscience, 2003, 23, 10154-10163.	1.7	35
99	Expression of Exocytosis Proteins in Rat Supraoptic Nucleus Neurones. Journal of Neuroendocrinology, 2012, 24, 629-641.	1.2	35
100	Interaction between descending paraventricular neurons and vagal motor neurons. Brain Research, 1985, 332, 158-160.	1.1	33
101	The role of vasopressin as an antipyretic in the ventral septal area and its possible involvement in convulsive disorders. Brain Research Bulletin, 1988, 20, 887-892.	1.4	33
102	Metaplasticity of Hypothalamic Synapses following In Vivo Challenge. Neuron, 2009, 62, 839-849.	3.8	33
103	Cholecystokinin Switches the Plasticity of GABA Synapses in the Dorsomedial Hypothalamus via Astrocytic ATP Release. Journal of Neuroscience, 2018, 38, 8515-8525.	1.7	33
104	The action of centrally administered arginine vasopressin on blood pressure in the conscious rabbit. Brain Research, 1985, 348, 137-145.	1.1	32
105	Response of rat paraventricular neurones with central projections to suckling, haemorrhage or osmotic stimuli. Brain Research, 1985, 341, 176-183.	1.1	31
106	Somatostatin(14) and -(28) but not somatostatin(1â€"12) hyperpolarize CA1 pyramidal neurons in vitro. Brain Research, 1988, 448, 40-45.	1.1	31
107	Suppression of the Febrile Response in Late Gestation: Evidence, Mechanisms and Outcomes. Journal of Neuroendocrinology, 2008, 20, 508-514.	1.2	31
108	Electrophysiological indications that individual hypothalamic neurons innervate both median eminence and neurohypophysis. Brain Research, 1978, 157, 364-368.	1.1	30

#	Article	IF	Citations
109	Prevention of arginine-vasopressin-induced motor disturbances by a potent vasopressor antagonist. Brain Research, 1986, 362, 40-46.	1.1	30
110	Central and peripheral neuroimmune responses: hyporesponsiveness during pregnancy. Journal of Physiology, 2008, 586, 399-406.	1.3	30
111	Vasopressin-induced motor effects: Localization of a sensitive site in the amygdala. Brain Research, 1992, 596, 58-64.	1.1	29
112	The ventral septal area: Electrophysiological evidence for putative arginine vasopressin projections onto thermoresponsive neurons. Neuroscience, 1986, 19, 795-802.	1.1	28
113	Neonatal immune challenge exacerbates experimental colitis in adult rats: potential role for TNF-Î±. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R308-R315.	0.9	28
114	Electrophysiological indications of a â€˜vasopressinergicâ€™ innervation of the median eminence. Brain Research, 1978, 155, 153-158.	1.1	27
115	Electrophysiological analysis of potential arginine vasopressin projections to the ventral septal area of the rat. Brain Research, 1985, 342, 162-167.	1.1	27
116	Cardiovascular responses to intrathecal administration of arginine vasopressin in rats. Regulatory Peptides, 1985, 10, 293-298.	1.9	27
117	Pharmacological evidence that somatostatin activates the m-current in hippocampal pyramidal neurons. Neuroscience Letters, 1988, 91, 172-176.	1.0	27
118	Acute, sequence-specific effects of oxytocin and vasopressin antisense oligonucleotides on neuronal responses. Neuroscience, 1995, 69, 997-1003.	1.1	27
119	Single-unit activity in the bed nucleus of the stria terminalis during fever. Brain Research, 1989, 486, 49-55.	1.1	26
120	Embryonic microglia influence developing hypothalamic glial populations. Journal of Neuroinflammation, 2020, 17, 146.	3.1	26
121	Arginine vasopressin deficient Brattleboro rats fail to develop tolerance to the hypothermic effects of ethanol. Regulatory Peptides, 1982, 4, 33-41.	1.9	25
122	Oxytocin and [1-deamino, 8-d-arginine]-vasopressin (dDAVP): intrathecal effects on blood pressure, heart rate and urine output. Brain Research, 1986, 374, 371-374.	1.1	25
123	Neonatal Programming by Neuroimmune Challenge: Effects on Responses and Tolerance to Septic Doses of Lipopolysaccharide in Adult Male and Female Rats. Journal of Neuroendocrinology, 2010, 22, 272-281.	1.2	25
124	Interleukin-1Î² has excitatory effects on neurons of the bed nucleus of the stria terminalis. Brain Research, 1993, 625, 342-346.	1.1	24
125	Dopamine depresses glutamatergic synaptic transmission in the rat parabrachial nucleus in vitro. Neuroscience, 1999, 90, 457-468.	1.1	24
126	Central and Peripheral Signaling Mechanisms Involved in Endocannabinoid Regulation of Feeding: A Perspective on the Munchies. Science Signaling, 2005, 2005, pe15-pe15.	1.6	24

#	Article	IF	Citations
127	Effect of prostaglandin, pyrogen and noradrenaline, injected into the hypothalamus, on thermoregulation in newborn lambs. Brain Research, 1977, 128, 473-483.	1.1	23
128	Vasopressin-induced motor disturbances: Localization of a sensitive forebrain site in the rat. Brain Research, 1985, 361, 242-246.	1.1	23
129	A prolonged experimental febrile seizure results in motor map reorganization in adulthood. Neurobiology of Disease, 2012, 45, 692-700.	2.1	23
130	Oligodendrocyte development in the embryonic tuberal hypothalamus and the influence of Ascl1. Neural Development, 2016, 11, 20.	1.1	23
131	Mechanisms underlying the cardiovascular responses to intrathecal vasopressin administration in rats. Canadian Journal of Physiology and Pharmacology, 1989, 67, 269-275.	0.7	22
132	Depletion of brain Î±-MSH alters prostaglandin and interleukin fever in rats. Brain Research, 1990, 526, 351-354.	1.1	22
133	Arginine Vasopressin-Induced Sensitization in Brain: Facilitated Inositol Phosphate Production Without Changes in Receptor Number. Journal of Neuroendocrinology, 1993, 5, 23-31.	1.2	22
134	Prostaglandin Fever in Rats Throughout the Estrous Cycle Late Pregnancy and Post Parturition. Journal of Neuroendocrinology, 1996, 8, 145-151.	1.2	22
135	Neurohypophysial peptides as retrograde transmitters in the supraoptic nucleus of the rat. Experimental Physiology, 2000, 85, 139s-143s.	0.9	22
136	Electrophysiological Properties of CA1 Neurons Protected by Postischemic Hypothermia in Gerbils. Stroke, 2001, 32, 788-795.	1.0	22
137	Prenatal transport stress, postnatal maternal behavior, and offspring sex differentially affect seizure susceptibility in young rats. Epilepsy and Behavior, 2013, 29, 19-27.	0.9	22
138	Galanin Modulates Neuronal and Synaptic Properties in the Rat Supraoptic Nucleus in a Use and State Dependent Manner. Journal of Neurophysiology, 2006, 96, 154-164.	0.9	22
139	Lateral septum-medial hypothalamic connections: An electrophysiological study in the rat. Neuroscience, 1982, 7, 2783-2792.	1.1	21
140	Vasopressin influences renal function via a spinal action. Brain Research, 1985, 336, 346-349.	1.1	21
141	Brattleboro rats display increased sensitivity to arginine vasopressin-induced motor disturbances. Brain Research, 1985, 342, 316-322.	1.1	21
142	Novel synaptic responses mediated by dopamine and Î³-aminobutyric acid in neuroendocrine cells of the intermediate pituitary. Neuroscience Letters, 1986, 64, 35-40.	1.0	21
143	Vasopressin-Induced Antipyresis: Sex- and Experience-Dependent Febrile Responsesa. Annals of the New York Academy of Sciences, 1998, 856, 53-61.	1.8	21
144	Opposing Actions of Endothelin-1 on Glutamatergic Transmission onto Vasopressin and Oxytocin Neurons in the Supraoptic Nucleus. Journal of Neuroscience, 2010, 30, 16855-16863.	1.7	21

#	Article	IF	Citations
145	Plasticity of mouse enteric synapses mediated through endocannabinoid and purinergic signaling. Neurogastroenterology and Motility, 2012, 24, e113-24.	1.6	21
146	Embryonic Microglia Interact with Hypothalamic Radial Glia during Development and Upregulate the TAM Receptors MERTK and AXL following an Insult. Cell Reports, 2021, 34, 108587.	2.9	21
147	CENTRAL NEUROMODULATORY ROLE OF VASOPRESSIN IN ANTIPYRESIS AND IN EEBRILE CONVULSIONS . Biomedical Research, 1982, 3, 1-5.	0.3	21
148	Oxytocin Pretreatment Enhances Arginine Vasopressin-Induced Motor Disturbances and Arginine Vasopressin-Induced Phosphoinositol Hydrolysis in Rat Septum: A Cross-Sensitization Phenomenon. Journal of Neuroendocrinology, 1993, 5, 33-39.	1.2	20
149	Microdialysis with High NaCl Causes Central Release of Amino Acids and Dopamine. Journal of Neurochemistry, 1995, 64, 1632-1644.	2.1	20
150	Brain CB1 receptor expression following lipopolysaccharide-induced inflammation. Neuroscience, 2012, 227, 211-222.	1.1	20
151	Toward a better understanding of the central consequences of intestinal inflammation. Annals of the New York Academy of Sciences, 2015, 1351, 149-154.	1.8	20
152	Comorbid epilepsy in autism spectrum disorder: Implications of postnatal inflammation for brain excitability. Epilepsia, 2018, 59, 1316-1326.	2.6	20
153	The effects of intrathecal administration of arginine-vasopressin and substance P on blood pressure and adrenal secretion of epinephrine in rats. Journal of the Autonomic Nervous System, 1986, 16, 91-99.	1.9	19
154	Endogenous modulators of synaptic transmission: cannabinoid regulation in the supraoptic nucleus. Progress in Brain Research, 2008, 170, 129-136.	0.9	19
155	High frequency stimulation alters motor maps, impairs skilled reaching performance and is accompanied by an upregulation of specific GABA, glutamate and NMDA receptor subunits. Neuroscience, 2012, 215, 98-113.	1.1	19
156	Anandamide Signaling Augmentation Rescues Amygdala Synaptic Function and Comorbid Emotional Alterations in a Model of Epilepsy. Journal of Neuroscience, 2020, 40, 6068-6081.	1.7	19
157	Nitric Oxide-Releasing Nsaids: a Novel Class of Gi-Sparing Anti-Inflammatory Drugs. , 1995, 46, 121-129.		19
158	Colitis-associated microbiota drives changes in behaviour in male mice in the absence of inflammation. Brain, Behavior, and Immunity, 2022, 102, 266-278.	2.0	19
159	Effects of Global Cerebral Ischemia in the Pregnant Rat. Stroke, 2008, 39, 975-982.	1.0	18
160	Early Life Inflammation Increases CA1 Pyramidal Neuron Excitability in a Sex and Age Dependent Manner through a Chloride Homeostasis Disruption. Journal of Neuroscience, 2019, 39, 7244-7259.	1.7	18
161	Role of Neurohypophysial Hormones in Temperature Regulation. Annals of the New York Academy of Sciences, 1993, 689, 375-381.	1.8	17
162	Differential adipokine response in genetically predisposed lean and obese rats during inflammation: a role in modulating experimental colitis?. American Journal of Physiology - Renal Physiology, 2009, 297, G869-G877.	1.6	17

#	Article	IF	Citations
163	Serotonin 1A Receptors Alter Expression of Movement Representations. Journal of Neuroscience, 2013, 33, 4988-4999.	1.7	17
164	Brain TNF drives post-inflammation depression-like behavior and persistent pain in experimental arthritis. Brain, Behavior, and Immunity, 2020, 89, 224-232.	2.0	17
165	Comorbid anxiety-like behavior in a rat model of colitis is mediated by an upregulation of corticolimbic fatty acid amide hydrolase. Neuropsychopharmacology, 2021, 46, 992-1003.	2.8	17
166	Identification of a GABA-activated chloride-mediated synaptic potential in rat pars intermedia. Brain Research, 1989, 483, 130-134.	1.1	16
167	Intrathecal dynorphin A administration causes pressor responses in rats associated with an increased resistance to spinal cord blood flow. Brain Research, 1989, 490, 174-177.	1.1	16
168	Vasopressin and Amastatin Induce V1-Receptor-Mediated Suppression of Excitatory Transmission in the Rat Parabrachial Nucleus. Journal of Neurophysiology, 1999, 82, 1689-1696.	0.9	16
169	Attenuation of Fever At Near Term: Is Interleukin-6-STAT3 Signalling Altered?. Journal of Neuroendocrinology, 2006, 18, 57-63.	1.2	16
170	HCN channels segregate stimulationâ€evoked movement responses in neocortex and allow for coordinated forelimb movements in rodents. Journal of Physiology, 2017, 595, 247-263.	1.3	16
171	Altered sensitivity to arginine vasopressin (AVP) in area CA1 of the hippocampal slice following pretreatment of rats with AVP. Brain Research, 1987, 422, 11-16.	1.1	15
172	Changes in arterial blood pressure alter activity of electrophysiologically identified single units of the bed nucleus of the stria terminalis. Neuroscience, 1995, 64, 835-844.	1.1	15
173	Lipopolysaccharide-induced fever is dissociated from apoptotic cell death in the rat brain. Brain Research, 1998, 805, 95-103.	1.1	15
174	Adaptation of intestinal secretomotor function and nutrient absorption in response to diet-induced obesity. Neurogastroenterology and Motility, 2010, 22, 602-e171.	1.6	15
175	Alcohol dependence and withdrawal in the rat. Journal of Pharmacological Methods, 1986, 15, 225-234.	0.7	14
176	Spinal Arginine Vasopressin Elevates Renal Nerve Activity in the Rat. Journal of Neuroendocrinology, 1989, 1, 339-344.	1.2	14
177	Suppression of PGE2 fever at near term: reduced thermogenesis but not enhanced vasopressin antipyresis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R354-R361.	0.9	14
178	Postsynaptic Depolarization Enhances GABA Drive to Dorsomedial Hypothalamic Neurons through Somatodendritic Cholecystokinin Release. Journal of Neuroscience, 2015, 35, 13160-13170.	1.7	14
179	Blockade by funnel web toxin of a calcium current in the intermediate pituitary of the rat. Neuroscience Letters, 1993, 157, 171-174.	1.0	13
180	Involvement of the PVN and BST in 1K1C hypertension in the rat. Brain Research, 1995, 669, 41-47.	1.1	13

#	Article	IF	Citations
181	Ibogaine and a Total Alkaloidal Extract of Voacanga africana Modulate Neuronal Excitability and Synaptic Transmission in the Rat Parabrachial Nucleus In Vitro. Brain Research Bulletin, 1997, 44, 603-610.	1.4	13
182	Neurohypophysial peptides: gatekeepers in the amygdala. Trends in Endocrinology and Metabolism, 2005, 16, 343-344.	3.1	13
183	Plasma catecholamines in conscious rabbits after central administration of vasopressin. Brain Research, 1988, 457, 192-195.	1.1	12
184	Peptide YY containing enteroendocrine cells and peripheral tissue sensitivity to PYY and PYY(3-36) are maintained in diet-induced obese and diet-resistant rats. Peptides, 2007, 28, 1185-1190.	1.2	12
185	Increases in antidromic latency of neurohypophyseal neurons during sustained activation. Neuroscience Letters, 1983, 37, 239-243.	1.0	11
186	Neurotransmitter-Mediated Changes in the Electrophysiological Properties of Pituicytes. Journal of Neuroendocrinology, 1991, 3, 433-439.	1.2	11
187	Vasopressin perfusion within the medial amygdaloid nucleus attenuates prostaglandin fever in the urethane-anaesthetized rat. Brain Research, 1992, 587, 319-326.	1.1	11
188	Larger cortical motor maps after seizures. European Journal of Neuroscience, 2011, 34, 615-621.	1.2	11
189	A gut feeling about the ketogenic diet in epilepsy. Epilepsy Research, 2020, 166, 106409.	0.8	11
190	Prostaglandin fever in rats is altered by kainic acid lesions of the ventral septal area. Brain Research, 1988, 455, 196-200.	1.1	10
191	Vasopressie-induced sensitization: involvement of neurohypophyseal peptide receptors. European Journal of Pharmacology, 1995, 294, 29-39.	1.7	10
192	Endothelinâ€“an emerging role in proinflammatory pathways in brain. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R162-R163.	0.9	10
193	Increased Excitatory Synaptic Transmission Associated with Adult Seizure Vulnerability Induced by Early-Life Inflammation in Mice. Journal of Neuroscience, 2021, 41, 4367-4377.	1.7	10
194	Behavioural adaptations after antibiotic treatment in male mice are reversed by activation of the aryl hydrocarbon receptor. Brain, Behavior, and Immunity, 2021, 98, 317-329.	2.0	10
195	Absence of fever following intrahypothalamic injections of prostaglandins in sheep. Neuropharmacology, 1977, 16, 743-749.	2.0	9
196	AVP V1a-R expression in the rat hypothalamus around parturition: relevance to antipyresis at term. Experimental Neurology, 2003, 183, 338-345.	2.0	9
197	Compromised neuroimmune status in rats with experimental colitis. Journal of Physiology, 2003, 548, 929-939.	1.3	9
198	Responses of electrophysiologically identified rat paraventricular neurons to cholecystokinin and other stimuli. Neuroscience, 1995, 65, 869-878.	1.1	8

#	Article	IF	Citations
199	Urotensin Iâ€“CRFâ€“Urocortins: A mermaidâ€™s tail. General and Comparative Endocrinology, 2009, 164, 7-14.	0.8	8
200	DEFICITS IN TOLERANCE TO ETHANOL IN BRATTLEBORO RATS. Annals of the New York Academy of Sciences, 1982, 394, 764-766.	1.8	7
201	Ca2+ - and voltage-dependent inactivation of Ca2+ currents in rat intermediate pituitary. Brain Research, 1991, 564, 12-18.	1.1	7
202	Vasopressin and central control of the cardiovascular system: A 40â€year retrospective. Journal of Neuroendocrinology, 2021, 33, e13011.	1.2	7
203	Characterization of microglial transcriptomes in the brain and spinal cord of mice in early and late experimental autoimmune encephalomyelitis using a RiboTag strategy. Scientific Reports, 2021, 11, 14319.	1.6	7
204	Recruitment of Î±4Î²7 monocytes and neutrophils to the brain in experimental colitis is associated with elevated cytokines and anxiety-like behavior. Journal of Neuroinflammation, 2022, 19, 73.	3.1	7
205	Depletion of central catecholamines reduces pressor responses to arginine vasopressin. Brain Research, 1988, 438, 295-298.	1.1	5
206	Pressor responses in rats following intravenous dynorphin A(1â€“13) administration are blocked by AVP-V1 receptor antagonism. Regulatory Peptides, 1990, 31, 1-10.	1.9	5
207	The role of arginine vasopressin in alcohol dependence and withdrawal. Peptides, 1985, 6, 1043-1049.	1.2	4
208	Temperature Treck.. Annals of the New York Academy of Sciences, 1997, 813, 230-232.	1.8	4
209	The action is at the terminal. Journal of Physiology, 1999, 520, 629-629.	1.3	4
210	Stress coâ€opts the gut to affect epileptogenesis. Commentary on â€œFacilitation of kindling epileptogenesis by chronic stress may be mediated by intestinal microbiomeâ€• Epilepsia Open, 2019, 4, 230-231.	1.3	4
211	Early life inflammation â€" it sticks to the brain. Current Opinion in Behavioral Sciences, 2019, 28, 136-141.	2.0	4
212	How to make a better mouse for brain behavior and immunity. Brain, Behavior, and Immunity, 2019, 76, 1-2.	2.0	4
213	Identification of barosensitive neurons in the mediobasal forebrain using juxtacellular labeling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1766-R1771.	0.9	3
214	Gaseous neurotransmitters and their role in anapyrexia. Frontiers in Bioscience - Elite, 2010, E2, 948-960.	0.9	3
215	Unexpected Microglial â€œDe-activationâ€•Associated With Altered Synaptic Transmission in the Early Stages of an Animal Model of Multiple Sclerosis. Journal of Experimental Neuroscience, 2019, 13, 117906951982588.	2.3	3
216	Whatâ€™s in a name? How about being listed in the â€œPsychiatryâ€•category in Clarivateâ€™s Journal Citation Index!. Brain, Behavior, and Immunity, 2019, 78, 3-4.	2.0	3

#	Article	IF	Citations
217	Release of Arginine Vasopressin from the Brain: Correlation with Physiological Events. , 1985, , 233-248.		3
218	Genetic Variants of Fatty Acid Amide Hydrolase Modulate Acute Inflammatory Responses to Colitis in Adult Male Mice. Frontiers in Cellular Neuroscience, 2021, 15, 764706.	1.8	3
219	GABAB receptors modulate short-term potentiation of spontaneous excitatory postsynaptic currents in the rat supraoptic nucleus in vitro. Neuropharmacology, 2001, 41, 554-564.	2.0	2
220	Backtalk in neurons. Trends in Endocrinology and Metabolism, 2003, 14, 2-3.	3.1	2
221	Brain Vasopressin and Cardiovascular Regulation in Normotensive and Hypertensive Animals. Hans Selye Symposia on Neuroendocrinology and Stress, 1989, , 134-145.	0.4	2
222	The lack of â€˜sensitizationâ€™ to the pressor effects of centrally injected vasopressin in rats. Brain Research, 1985, 334, 157-159.	1.1	1
223	Immune Signalling to the Brain. Journal of Physiology, 2003, 550, 1-1.	1.3	1
224	Dendritic Vasopressin Release: Reducing the Flow Makes Blood Vessels Grow. Endocrinology, 2008, 149, 4276-4278.	1.4	1
225	PEPTIDE MODULATION OF NEURONAL ELECTRICAL RESPONSES. , 1981, , 231-241.		1
226	Rapid Onset of Antisense Effects: Evidence for A Close Link Between Gene Expression and Neuronal Activity. Perspectives in Antisense Science, 1998, , 43-59.	0.2	1
227	Lack of fever suppression or central AVP release in 1K1C hypertensive rats. Brain Research, 1994, 658, 15-20.	1.1	0
228	PRACTICAL ELECTROPHYSIOLOGICAL METHODS. 2nd Edition. 1993. Edited by Helmut Kettenmann and Rosemarie Grantyn. Published by Wiley-Liss, Inc. 449 pages. $84 Cdn.. Canadian Journal of Neurological Sciences, 1994, 21, 290-290.	0.3	0
229	Fever and antipyresis. NeuroImmune Biology, 2001, 1, 297-305.	0.2	0
230	Brain adaptations for a successful pregnancy. Journal of Physiology, 2008, 586, 367-367.	1.3	0
231	Glutamatergic transmission is enhanced in the amygdala in experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2014, 275, 132.	1.1	0
232	ISDN2014_0366: Influence of microglia during tuberal hypothalamic development. International Journal of Developmental Neuroscience, 2015, 47, 108-108.	0.7	0
233	Hypothalamic neurons out of control. Journal of Physiology, 2017, 595, 6375-6375.	1.3	0
234	The Autonomic Nervous System and Thermoregulation. , 2002, , 244-272.		0

#	Article	IF	Citations
235	Hemorrhage induced inactivation of presynaptic group III mGluRs controls metaplasticity in circuits regulating fluid balance. FASEB Journal, 2008, 22, 1231.2.	0.2	0