

# J Thomas Cunningham

## List of Publications by Year in descending order

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143  
papers

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#	ARTICLE	IF	CITATIONS
1	INTEGRATIVE ROLE OF THE LAMINA TERMINALIS IN THE REGULATION OF CARDIOVASCULAR AND BODY FLUID HOMEOSTASIS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996, 23, 183-191.	0.9	150
2	Induction of c-Fos and FosB Immunoreactivity in Rat Brain by Vagal Nerve Stimulation. <i>Neuropsychopharmacology</i> , 2008, 33, 1884-1895.	2.8	143
3	Chronic intermittent hypoxia induces oxidative stress and inflammation in brain regions associated with early-stage neurodegeneration. <i>Physiological Reports</i> , 2017, 5, e13258.	0.7	121
4	High Salt Intake Increases Blood Pressure via BDNF-Mediated Downregulation of KCC2 and Impaired Baroreflex Inhibition of Vasopressin Neurons. <i>Neuron</i> , 2015, 85, 549-560.	3.8	107
5	Recent insights into the interactions between the baroreflex and the kidneys in hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R828-R836.	0.9	102
6	Water deprivation increases Fos immunoreactivity in PVN autonomic neurons with projections to the spinal cord and rostral ventrolateral medulla. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R1172-R1183.	0.9	92
7	Chronic intermittent hypoxia increases blood pressure and expression of FosB in central autonomic regions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R131-R139.	0.9	88
8	Sustained Activation of the Central Baroreceptor Pathway in Angiotensin Hypertension. <i>Hypertension</i> , 2002, 39, 550-556.	1.3	74
9	Expression and distribution of TRPV2 in rat brain. <i>Experimental Neurology</i> , 2012, 237, 223-237.	2.0	68
10	Chronic intermittent hypoxia sensitizes acute hypothalamic-pituitary-adrenal stress reactivity and Fos induction in the rat locus coeruleus in response to subsequent immobilization stress. <i>Neuroscience</i> , 2008, 154, 1639-1647.	1.1	65
11	Mechanosensitive currents in putative aortic baroreceptor neurons in vitro. <i>Journal of Neurophysiology</i> , 1995, 73, 2094-2098.	0.9	60
12	Area Postrema And Sympathetic Nervous System Effects Of Vasopressin And Angiotensin II. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 432-436.	0.9	55
13	Differential effects of water and saline intake on water deprivation-induced c-Fos staining in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R1251-R1261.	0.9	55
14	Dissociation of experimentally induced drinking behavior by ibotenate injection into the median preoptic nucleus. <i>Brain Research</i> , 1991, 554, 153-158.	1.1	54
15	Neurodegenerative Disease: Roles for Sex, Hormones, and Oxidative Stress. <i>Endocrinology</i> , 2021, 162, .	1.4	51
16	The effects of ibotenate lesions of the median preoptic nucleus on experimentally-induced and circadian drinking behavior in rats. <i>Brain Research</i> , 1992, 580, 325-330.	1.1	50
17	Effects of water deprivation and rehydration on c-Fos and FosB staining in the rat supraoptic nucleus and lamina terminalis region. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R311-R321.	0.9	50
18	Altered central TRPV4 expression and lipid raft association related to inappropriate vasopressin secretion in cirrhotic rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R454-R466.	0.9	49

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19	Chronic intermittent hypoxia increases sympathetic control of blood pressure: role of neuronal activity in the hypothalamic paraventricular nucleus. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1772-H1780.	1.5	49
20	Neural Control of Blood Pressure in Chronic Intermittent Hypoxia. <i>Current Hypertension Reports</i> , 2016, 18, 19.	1.5	47
21	Chronic sustained and intermittent hypoxia reduce function of ATP-sensitive potassium channels in nucleus of the solitary tract. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1555-R1562.	0.9	45
22	Sustained Activation of the Central Baroreceptor Pathway in Obesity Hypertension. <i>Hypertension</i> , 2003, 42, 96-102.	1.3	42
23	Intra-carotid hyperosmotic stimulation increases Fos staining in forebrain organum vasculosum laminae terminalis neurones that project to the hypothalamic paraventricular nucleus. <i>Journal of Physiology</i> , 2008, 586, 5231-5245.	1.3	42
24	Decreased norepinephrine in the ventral lamina terminalis region is associated with angiotensin II drinking response deficits following local 6-hydroxydopamine injections. <i>Brain Research</i> , 1989, 480, 65-71.	1.1	39
25	Brain-Derived Neurotrophic Factor-Tyrosine Kinase B Pathway Mediates NMDA Receptor NR2B Subunit Phosphorylation in the Supraoptic Nuclei Following Progressive Dehydration. <i>Journal of Neuroendocrinology</i> , 2011, 23, 894-905.	1.2	38
26	Angiotensin II type 1a receptors in subfornical organ contribute towards chronic intermittent hypoxia-associated sustained increase in mean arterial pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H435-H446.	1.5	38
27	Central losartan attenuates increases in arterial pressure and expression of FosB/Î³FosB along the autonomic axis associated with chronic intermittent hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1051-R1058.	0.9	37
28	An Essential Role for Î³FosB in the Median Preoptic Nucleus in the Sustained Hypertensive Effects of Chronic Intermittent Hypoxia. <i>Hypertension</i> , 2012, 60, 179-187.	1.3	36
29	Cardiovascular Regulation of Vasopressin Neurons in the Supraoptic Nucleus. <i>Experimental Neurology</i> , 2001, 171, 219-226.	2.0	35
30	Nuclear Factor Î³B Mediates Suppression of Canonical Transient Receptor Potential 6 Expression by Reactive Oxygen Species and Protein Kinase C in Kidney Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 12852-12865.	1.6	35
31	Chronic Sustained Hypoxia Enhances Both Evoked EPSCs and Norepinephrine Inhibition of Glutamatergic Afferent Inputs in the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2009, 29, 3093-3102.	1.7	34
32	Mechanical stimulation of neurites generates an inward current in putative aortic baroreceptor neurons in vitro. <i>Brain Research</i> , 1997, 757, 149-154.	1.1	33
33	The effects of central norepinephrine infusions on drinking behavior induced by angiotensin after 6-hydroxydopamine injections into the anteroventral region of the third ventricle (AV3V). <i>Brain Research</i> , 1991, 558, 112-116.	1.1	32
34	Lateral hypothalamic lesions alter baroreceptor-evoked inhibition of rat supraoptic vasopressin neurones. <i>Journal of Physiology</i> , 1993, 470, 751-766.	1.3	31
35	Mechanosensitive ion channels in putative aortic baroreceptor neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H1497-H1501.	1.5	31
36	Role of the locus ceruleus in baroreceptor regulation of supraoptic vasopressin neurons in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R306-R319.	0.9	31

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37	Cardiovascular regulation of supraoptic neurons in the rat: synaptic inputs and cellular signals. <i>Progress in Biophysics and Molecular Biology</i> , 2004, 84, 183-196.	1.4	31
38	Region-specific Changes in Transient Receptor Potential Vanilloid Channel Expression in the Vasopressin Magnocellular System in Hepatic Cirrhosis-induced Hyponatraemia. <i>Journal of Neuroendocrinology</i> , 2012, 24, 642-652.	1.2	30
39	Ibotenate Lesions of the Diagonal Band of Broca Attenuate Baroreceptor Sensitivity of Rat Supraoptic Vasopressin Neurons. <i>Journal of Neuroendocrinology</i> , 1992, 4, 303-309.	1.2	29
40	FosB expression in the central nervous system following isotonic volume expansion in unanesthetized rats. <i>Experimental Neurology</i> , 2004, 187, 190-198.	2.0	29
41	Mechanisms of Baroreceptor Activation. <i>Clinical and Experimental Hypertension</i> , 1995, 17, 1-13.	0.5	27
42	Fos expression following isotonic volume expansion of the unanesthetized male rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R1345-R1352.	0.9	27
43	Proposed role of the paraventricular nucleus in cardiovascular deconditioning. <i>Acta Physiologica Scandinavica</i> , 2003, 177, 27-35.	2.3	27
44	Knockdown of tyrosine hydroxylase in the nucleus of the solitary tract reduces elevated blood pressure during chronic intermittent hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1031-R1039.	0.9	27
45	Neurogenic mechanisms underlying the rapid onset of sympathetic responses to intermittent hypoxia. <i>Journal of Applied Physiology</i> , 2015, 119, 1441-1448.	1.2	27
46	Circadian rhythms in food intake and activity in domestic cats. <i>Behavioral Neuroscience</i> , 1985, 99, 1162-1175.	0.6	26
47	Cardiovascular regulation of supraoptic vasopressin neurons. <i>Progress in Brain Research</i> , 2002, 139, 257-73.	0.9	25
48	Role of the anteroventral third ventricle (AV3V) region of the rat brain in the pressor response to $\beta^2$ -melanocyte-stimulating hormone ( $\beta^2$ -MSH). <i>Brain Research</i> , 1988, 444, 177-180.	1.1	24
49	Fos Immunoreactivity in the Diagonal Band and the Perinuclear Zone of the Supraoptic Nucleus after Hypertension and Hypervolaemia in Unanaesthetized Rats. <i>Journal of Neuroendocrinology</i> , 2002, 14, 219-227.	1.2	23
50	Neuropeptide Y-immunoreactive cells in the caudal medulla project to the median preoptic nucleus. <i>Neuroscience Letters</i> , 1989, 105, 19-26.	1.0	22
51	Fos expression in brain stem nuclei of pregnant rats after hydralazine-induced hypotension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R532-R540.	0.9	22
52	A two-peak circadian system in body temperature and activity in the domestic cat, <i>Felis catus</i> L.. <i>Journal of Thermal Biology</i> , 1987, 12, 27-37.	1.1	21
53	Chapter 24 Synaptic and neurotransmitter regulation of activity in mammalian hypothalamic magnocellular neurosecretory cells. <i>Progress in Brain Research</i> , 1992, 92, 277-288.	0.9	21
54	Electrophysiology of Central Pathways Controlling Release of Neurohypophysial Hormones. <i>Annals of the New York Academy of Sciences</i> , 1993, 689, 122-132.	1.8	21

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55	Effects of right atrial distension on the activity of magnocellular neurons in the supraoptic nucleus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R1605-R1615.	0.9	21
56	Differential regulation of TRPC4 in the vasopressin magnocellular system by water deprivation and hepatic cirrhosis in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R304-R314.	0.9	21
57	Fos-like immunoreactivity in the medulla after acute and chronic angiotensin II infusion. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1998, 284, 1165-73.	1.3	20
58	Norepinephrine injections in diagonal band of Broca selectively reduce the activity of vasopressin supraoptic neurons in the rat. <i>Brain Research</i> , 1993, 610, 152-155.	1.1	19
59	Lesion of the perinuclear zone attenuates cardiac sensitivity of vasopressinergic supraoptic neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R630-R638.	0.9	19
60	Intrapericardial Procaine Affects Volume Expansion-Induced Fos Immunoreactivity in Unanesthetized Rats. <i>Experimental Neurology</i> , 2002, 174, 181-192.	2.0	18
61	Angiotensin II induces membrane trafficking of natively expressed transient receptor potential vanilloid type 4 channels in hypothalamic 4B cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R945-R955.	0.9	18
62	Rat supraoptic neurons are resistant to glutamate neurotoxicity. <i>NeuroReport</i> , 1992, 3, 87-90.	0.6	17
63	GABAA $\alpha 1$ and $\alpha 2$ receptor subunit expression in rostral ventrolateral medulla in nonpregnant and pregnant rats. <i>Brain Research</i> , 2003, 975, 196-206.	1.1	17
64	Differential effects of water deprivation and rehydration on Fos and FosB/ $\Delta$ FosB staining in the rat brainstem. <i>Experimental Neurology</i> , 2007, 203, 445-456.	2.0	17
65	Rats exhibit aldosterone-dependent sodium appetite during 24 h hindlimb unloading. <i>Journal of Physiology</i> , 2004, 557, 661-670.	1.3	16
66	Increased nitric oxide synthase activity and expression in the hypothalamus of hindlimb unloaded rats. <i>Brain Research</i> , 2006, 1115, 65-74.	1.1	16
67	$\Delta$ FosB in the supraoptic nucleus contributes to hyponatremia in rats with cirrhosis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R177-R185.	0.9	15
68	Effects of salt loading on supraoptic vasopressin neurones assessed by ClopHensorN chloride imaging. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12752.	1.2	15
69	Estrogen receptor involvement in vascular cognitive impairment and vascular dementia pathogenesis and treatment. <i>GeroScience</i> , 2021, 43, 159-166.	2.1	15
70	Caspase lesions of PVN-projecting MnPO neurons block the sustained component of CIH-induced hypertension in adult male rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H34-H48.	1.5	14
71	The effects of osmotic stimulation and water availability on c-Fos and FosB staining in the supraoptic and paraventricular nuclei of the hypothalamus. <i>Experimental Neurology</i> , 2005, 194, 191-202.	2.0	13
72	Regulation of plasma vasopressin and renin activity in conscious hindlimb-unloaded rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R46-R52.	0.9	13

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73	Impaired sodium-evoked paraventricular nucleus neuronal activation and blood pressure regulation in conscious Sprague-Dawley rats lacking central G-protein-coupled receptors. <i>Acta Physiologica</i> , 2016, 216, 314-329.	1.8	13
74	Baroreceptor sensitivity of rat supraoptic vasopressin neurons involves noncholinergic neurons in the DBB. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1934-R1943.	0.9	12
75	ANG II receptor subtype 1a gene knockdown in the subfornical organ prevents increased drinking behavior in bile duct-ligated rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R597-R607.	0.9	12
76	Role of the afferent renal nerves in sodium homeostasis and blood pressure regulation in rats. <i>Experimental Physiology</i> , 2019, 104, 1306-1323.	0.9	12
77	Angiotensin type 1a receptors in the median preoptic nucleus support intermittent hypoxia-induced hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R651-R665.	0.9	12
78	AT1 influences GABAA-mediated inhibition through regulation of KCC2 expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R972-R982.	0.9	11
79	High salt loading increases brain derived neurotrophic factor in supraoptic vasopressin neurones. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12639.	1.2	11
80	Sex Differences in the Regulation of Vasopressin and Oxytocin Secretion in Bile Duct-Ligated Rats. <i>Neuroendocrinology</i> , 2021, 111, 237-248.	1.2	11
81	Catecholamine depletion of the diagonal band reduces baroreflex inhibition of supraoptic neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1992, 263, R363-R367.	0.9	10
82	Perinuclear zone and diagonal band lesions enhance angiotensin responses of rat supraoptic neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1994, 267, R916-R922.	0.9	10
83	Lesions of the Diagonal Band of Broca Enhance Drinking in the Rat. <i>Journal of Neuroendocrinology</i> , 2003, 15, 907-915.	1.2	10
84	Selective Upregulation of Vasopressin Receptor 1a Transcript and Protein Expression in Vasopressinergic Supraoptic Nucleus Neurons in Water-Deprived Rats. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1542-1552.	1.2	10
85	Angiotensin converting enzyme 1 in the median preoptic nucleus contributes to chronic intermittent hypoxia hypertension. <i>Physiological Reports</i> , 2017, 5, e13277.	0.7	10
86	Dehydration followed by sham rehydration contributes to reduced neuronal activation in vasopressinergic supraoptic neurons after water deprivation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1232-R1240.	0.9	9
87	Hypothalamic Paraventricular Nucleus G-protein-coupled Receptor 1a (Guanine Nucleotide-binding Protein Alpha) Sensitivity of Blood Pressure. <i>Hypertension</i> , 2020, 75, 1002-1011.	1.3	9
88	ANGIOTENSIN HYPERTENSION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, S16-S20.	0.9	8
89	Intracerebroventricular losartan infusion modulates angiotensin II type 1 receptor expression in the subfornical organ and drinking behaviour in bile duct-ligated rats. <i>Experimental Physiology</i> , 2013, 98, 922-933.	0.9	8
90	Sounds from an animal colony entrain a circadian rhythm in the cat, <i>Felis catus</i> L. <i>Journal of Interdisciplinary Cycle Research</i> , 1990, 21, 51-64.	0.2	7

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91	Identification of Active Central Nervous System Sites in Renal Wrap Hypertensive Rats. Hypertension, 2007, 49, 653-658.	1.3	7
92	Sniffer cells for the detection of neural Angiotensin II in vitro. Scientific Reports, 2019, 9, 8820.	1.6	7
93	Role of angiotensin II in chronic intermittent hypoxia-induced hypertension and cognitive decline. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R519-R525.	0.9	7
94	Selectively Inhibiting the Median Preoptic Nucleus Attenuates Angiotensin II and Hyperosmotic-Induced Drinking Behavior and Vasopressin Release in Adult Male Rats. ENeuro, 2019, 6, ENEURO.0473-18.2019.	0.9	7
95	Fetal Noradrenergic Cell Suspensions Transplanted into Amine-depleted Nuclei of Adult Rats.. Annals of the New York Academy of Sciences, 1987, 495, 757-759.	1.8	6
96	Role of angiotensin-converting enzyme 1 within the median preoptic nucleus following chronic intermittent hypoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R245-R252.	0.9	6
97	Identification of Central Nervous System Sites Involved in the Water Diuresis Response Elicited By Central Microinjection of Nociceptin/ Orphanin FQ in Conscious Rats Via c-Fos and Inducible cAMP Early Repressor Immunocytochemistry. Journal of Neuroendocrinology, 2007, 19, 531-542.	1.2	5
98	Role of superior laryngeal nerve and Fos staining following dehydration and rehydration in the rat. Physiology and Behavior, 2011, 104, 1053-1058.	1.0	5
99	Establishing Equivalent Aerobic Exercise Parameters Between Early-Stage Parkinson's Disease and Pink1 Knockout Rats. Journal of Parkinson's Disease, 2022, 12, 1897-1915.	1.5	5
100	Transcription factor FosB acts within the nucleus of the solitary tract to increase mean arterial pressure during exposures to intermittent hypoxia. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H270-H277.	1.5	4
101	Brain-Derived Neurotrophic Factor and Supraoptic Vasopressin Neurons in Hyponatremia. Neuroendocrinology, 2020, 110, 630-641.	1.2	4
102	Cardiovascular Neuroendocrinology: Emerging Role for Neurohypophyseal Hormones in Pathophysiology. Endocrinology, 2021, 162, .	1.4	4
103	Cardiovascular Metrics Associated With Prevention of Aging-Related Parkinsonian Signs Following Exercise Intervention in Sedentary Older Rats. Frontiers in Aging Neuroscience, 2021, 13, 775355.	1.7	3
104	Chapter 20 Cardiovascular regulation of supraoptic vasopressin neurons. Progress in Brain Research, 2002, 139, 256-273.	0.9	2
105	q DREADD activation of CaMKIIa MnPO neurons stimulates nitric oxide activity. Journal of Neurophysiology, 2020, 124, 591-609.	0.9	2
106	AT1a-dependent GABA inhibition in the MnPO following chronic intermittent hypoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R469-R481.	0.9	2
107	Effect of Water Deprivation on KCC2 Expression in Hypothalamic Vasopressin Neurons in Rat. FASEB Journal, 2013, 27, 694.3.	0.2	1
108	Editorial Focus: the brain renin-angiotensin system and hypertension. Focus on: hypertension in mice with transgenic activation of the brain renin-angiotensin system is vasopressin dependent. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R173-R174.	0.9	0

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109	Sodium and Water Homeostasis During Chronic Intermittent Hypoxia in Female Rats. FASEB Journal, 2006, 20, .	0.2	0
110	Co-localization of FosB and cFos in the supraoptic nucleus (SON) of dehydrated male rats. FASEB Journal, 2006, 20, .	0.2	0
111	Intracerebroventricular (ICV) microinjection of a selective kappa opioid agonist increases inducible cAMP element repressor (ICER) expression in the supraoptic nucleus of conscious rats.. FASEB Journal, 2006, 20, A332.	0.2	0
112	Acute dehydration increases tyrosine kinase B receptor (TrkB) phosphorylation in the supraoptic nucleus (SON) of the rat. FASEB Journal, 2008, 22, 1161.3.	0.2	0
113	TrkB pathway may mediate NR1 phosphorylation in the supraoptic nuclei following dehydration in the rat. FASEB Journal, 2009, 23, 1015.7.	0.2	0
114	Sham rehydration contributes to reduced Fos staining in the supraoptic nucleus (SON) after water deprivation.. FASEB Journal, 2009, 23, 1015.6.	0.2	0
115	Effects of Bile Duct Ligation (BDL) and Enalapril on Angiotensin receptors in the Subfornical Organ (SFO) in Rats. FASEB Journal, 2009, 23, 967.1.	0.2	0
116	Sham rehydration contributes to increased Fos staining in the hindbrain after water deprivation in the rat. FASEB Journal, 2010, 24, 1025.16.	0.2	0
117	Fyn kinase- TrkB receptor- NMDAR2B glutamate receptor subunit (NR2B) physical interaction is increased in the supraoptic nuclei (SON) following dehydration in the rat. FASEB Journal, 2010, 24, .	0.2	0
118	Brain-derived neurotrophic factor (BDNF) binding is required for its receptor TrkB activation in the supraoptic nuclei (SON) following dehydration in the rat. FASEB Journal, 2010, 24, 1025.15.	0.2	0
119	Transient receptor potential vanilloid 4 channel (TRPV4) tyrosine phosphorylation and membrane expression are affected by angiotensin II treatment. FASEB Journal, 2011, 25, 1080.3.	0.2	0
120	Anatomical distribution of TRPV2 in the rat brain. FASEB Journal, 2011, 25, 1080.2.	0.2	0
121	Changes in TRPV2 expression in paraventricular nucleus of bile duct ligated cirrhotic rats. FASEB Journal, 2011, 25, 1080.1.	0.2	0
122	Angiotensin AT1 receptor subtypes AT1A and AT1B mRNAs are expressed in tyrosine hydroxylase immunoreactive (TH <sup>+</sup> ) neurons in the rat caudal nucleus of the solitary tract (NTS). FASEB Journal, 2011, 25, lb608.	0.2	0
123	TRPC4 expression in Supraoptic (SON) and Paraventricular (PVN) Magnocellular Neurosecretory Cells. FASEB Journal, 2012, 26, 1103.23.	0.2	0
124	Regulation of TRPV2 in Magnocellular Neurons of the Supraoptic Nucleus in Rat. FASEB Journal, 2012, 26, 1103.22.	0.2	0
125	Central losartan attenuates CIH-induced hypertension and FosB <sup>+</sup> /FosB expression in hypothalamic autonomic regions. FASEB Journal, 2012, 26, .	0.2	0
126	Angiotensin II increases Transient Receptor Potential Vanilloid 4 channel Expression and Phosphorylation in Hypothalamic Cell line 4B. FASEB Journal, 2012, 26, .	0.2	0



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127	Colocalization of angiotensin converting enzyme 1 and FosB in the median preoptic nucleus (MnPO) following intermittent hypoxia. FASEB Journal, 2012, 26, 899.8.	0.2	0
128	Effect of Angiotensin on TRPV4 expression and TRPV4 agonist induced calcium transients in Hypothalamic cell line 4B. FASEB Journal, 2013, 27, 694.5.	0.2	0
129	Differential regulation of TRPC4 expression in the magnocellular PVN and SON by hyperosmotic and hypoosmotic stress. FASEB Journal, 2013, 27, .	0.2	0
130	Intermittent induced change in gene expression in the median preoptic nucleus (MnPO) of rats. FASEB Journal, 2013, 27, .	0.2	0
131	Virally Mediated ClopHensorN Chloride Imaging in the Supraoptic Vasopressin Neurons. FASEB Journal, 2018, 32, 844.1.	0.2	0
132	AT1aR Dependent GABAa Inhibition in the MnPO Following Chronic Intermittent Hypoxia. FASEB Journal, 2018, 32, 732.2.	0.2	0
133	DREADDâ€­Induced Inhibition of the MnPO Affects Drinking Behavior and Neuroendocrine Function in Adult Male Rats. FASEB Journal, 2018, 32, 598.1.	0.2	0
134	High Salt Loading increases Brain Derived Neurotrophic Factor in Supraoptic Vasopressin Neurons. FASEB Journal, 2018, 32, 597.5.	0.2	0
135	Contribution of K <sup>+</sup> /Cl <sup>-</sup> Cotransporters in AT1aRâ€­Dependent GABAa Inhibition in the MnPO following Chronic Intermittent Hypoxia. FASEB Journal, 2019, 33, 744.1.	0.2	0
136	Sniffer Cells Detect Angiotensin II Release in the Median Preoptic Nucleus In Vitro. FASEB Journal, 2019, 33, 850.12.	0.2	0
137	Intracellular Chloride Regulation of Supraoptic Vasopressin Neurons during Salt Loading. FASEB Journal, 2019, 33, 745.2.	0.2	0
138	Sex Difference and Hormones in the Regulation of Vasopressin Secretion during Dilutional Hyponatremia. FASEB Journal, 2019, 33, 758.4.	0.2	0
139	Caspase Lesions of PVNâ€­Projecting MnPO Neurons Blocks the Sustained Component of CIHâ€­Induced Hypertension in Adult Male Rats. FASEB Journal, 2019, 33, 745.1.	0.2	0
140	Spatial Transcriptomics Reveal Potential Sex Differences in Gene Expression of the Supraoptic Nucleus. FASEB Journal, 2022, 36, .	0.2	0
141	Changes in PVN Neurons after Lowâ€­Frequency Acute Optogenetic Stimulation. FASEB Journal, 2022, 36, .	0.2	0
142	Effects of K252a and K252b on CIH induced Changes in mEPSCs from PVNâ€­projecting MnPO. FASEB Journal, 2022, 36, .	0.2	0
143	Chronic Intermittent Hypoxia Alters Chloride Gradients in Median Preoptic Nucleus (MnPO) Neurons of Rats: Comparing ClopHensorN and Perforated Patch Recording. FASEB Journal, 2022, 36, .	0.2	0