David Murphy

List of Publications by Year
in descending order

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236 papers	6,906 citations	57681 46 h-index	104191 69 g-index
251 all docs	251 docs citations	251 times ranked	8374 citing authors

#	Article	IF	Citations
1	Imaging the Hypothalamo-Neurohypophysial System. Neuroendocrinology, 2023, 113, 168-178.	1.2	3
2	Transcriptional and Post-Transcriptional Regulation of Oxytocin and Vasopressin Gene Expression by CREB3L1 and CAPRIN2. Neuroendocrinology, 2022, 112, 1058-1077.	1.2	8
3	Harnessing tissue-specific genetic variation to dissect putative causal pathways between body mass index and cardiometabolic phenotypes. American Journal of Human Genetics, 2022, 109, 240-252.	2.6	15
4	GLP1R Attenuates Sympathetic Response to High Glucose via Carotid Body Inhibition. Circulation Research, 2022, 130, 694-707.	2.0	33
5	Identification of three novel homozygous variants in COL9A3 causing autosomal recessive Stickler syndrome. Orphanet Journal of Rare Diseases, 2022, 17, 97.	1.2	3
6	The Paraventricular Nucleus of the Hypothalamus in Control of Blood Pressure and Blood Pressure Variability. Frontiers in Physiology, 2022, 13, 858941.	1.3	22
7	Advancing respiratoryâ€“cardiovascular physiology with the working heartâ€“brainstem preparation over 25 years. Journal of Physiology, 2022, 600, 2049-2075.	1.3	22
8	Transcription factor Creb3l1 maintains proteostasis in neuroendocrine cells. Molecular Metabolism, 2022, 63, 101542.	3.0	5
9	Physiological and Transcriptomic Changes in the Hypothalamic-Neurohypophysial System after 24 h of Furosemide-Induced Sodium Depletion. Neuroendocrinology, 2021, 111, 70-86.	1.2	17
10	Use of 360Â° Video for a Virtual Operating Theatre Orientation for Medical Students. Journal of Surgical Education, 2021, 78, 391-393.	1.2	9
11	A functional interaction between GRP78 and Zika virus E protein. Scientific Reports, 2021, 11, 393.	1.6	28
12	Sympathetic Modulation By Glucagon Like Peptide 1 And Melanocortin 4 Receptors In The Carotid Body Of Wistar Rats. FASEB Journal, 2021, 35, .	0.2	1
13	Multiomic analysis of the Arabian camel (Camelus dromedarius) kidney reveals a role for cholesterol in water conservation. Communications Biology, 2021, 4, 779.	2.0	7
14	Osmoregulation of the transcriptome of the hypothalamic supraoptic nucleus: A resource for the community. Journal of Neuroendocrinology, 2021, 33, e13007.	1.2	12
15	Corticosterone pattern-dependent glucocorticoid receptor binding and transcriptional regulation within the liver. PLoS Genetics, 2021, 17, e1009737.	1.5	10
16	Effects of gonadotropin inducible ovarian transcription factor 1 in the paraventricular nucleus on fluid intake after dehydration of ovariectomized female rats. Experimental Physiology, 2021, 106, 2391-2399.	0.9	0
17	Fine Chemo-anatomy of Hypothalamic Magnocellular Vasopressinergic System with an Emphasis on Ascending Connections for Behavioural Adaptation. Masterclass in Neuroendocrinology, 2021, , 167-196.	0.1	5
18	The effect of long-term dehydration and subsequent rehydration on markers of inflammation, oxidative stress and apoptosis in the camel kidney. BMC Veterinary Research, 2020, 16, 458.	0.7	11

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19	Vasopressin and v1br gene expression is increased in the hypothalamic pvn of borderline hypertensive rats. Hypertension Research, 2020, 43, 1165-1174.	1.5	4
20	Transcription factor Creb3l1 regulates the synthesis of prohormone convertase enzyme PC1/3 in endocrine cells. Journal of Neuroendocrinology, 2020, 32, e12851.	1.2	17
21	Transcriptome Analysis Reveals Downregulation of Urocortin Expression in the Hypothalamo-Neurohypophysial System of Spontaneously Hypertensive Rats. Frontiers in Physiology, 2020, 11, 599507.	1.3	2
22	Centrally acting adrenomedullin in the longâ€term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. Experimental Physiology, 2019, 104, 1371-1383.	0.9	5
23	Seasonal adaptations of the hypothalamo-neurohypophyseal system of the dromedary camel. PLoS ONE, 2019, 14, e0216679.	1.1	10
24	Improving Illumina assemblies with Hiâ€C and long reads: An example with the North African dromedary. Molecular Ecology Resources, 2019, 19, 1015-1026.	2.2	67
25	Vasopressin & Oxytocin in Control of the Cardiovascular System: An Updated Review. Current Neuropharmacology, 2019, 18, 14-33.	1.4	36
26	Effects of long-term dehydration on oxidative stress, apoptotic markers and neuropeptides in the gastric mucosa of the dromedary camel. Molecular and Cellular Biochemistry, 2019, 455, 109-118.	1.4	6
27	The effects of aging on biosynthetic processes in the rat hypothalamic osmoregulatory neuroendocrine system. Neurobiology of Aging, 2018, 65, 178-191.	1.5	17
28	Vasopressin, Central Autonomic Control and Blood Pressure Regulation. Current Hypertension Reports, 2018, 20, 11.	1.5	50
29	Sudden death: Neurogenic causes, prediction and prevention. European Journal of Preventive Cardiology, 2018, 25, 29-39.	0.8	25
30	Validity of an online 24-h recall tool (myfood24) for dietary assessment in population studies: comparison with biomarkers and standard interviews. BMC Medicine, 2018, 16, 136.	2.3	82
31	Hemodynamic effects of HPMA copolymer based doxorubicin conjugate: A randomized controlled and comparative spectral study in conscious rats. Nanotoxicology, 2017, 11, 210-222.	1.6	18
32	Increased exposure to sodium during pregnancy and lactation changes basal and induced behavioral and neuroendocrine responses in adult male offspring. Physiological Reports, 2017, 5, e13210.	0.7	7
33	Effects of vitamin D₃in clinically isolated syndrome and healthy control participants: A double-blind randomised controlled trial. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2017, 3, 205521731772729.	0.5	17
34	Sexâ€specific differences in cardiovascular and metabolic hormones with integrated signalling in the paraventricular nucleus of the hypothalamus. Experimental Physiology, 2017, 102, 1373-1379.	0.9	15
35	Regulation of cAMP Responsive Element Binding Protein 3-Like 1 (Creb3l1) Expression by Orphan Nuclear Receptor Nr4a1. Frontiers in Molecular Neuroscience, 2017, 10, 413.	1.4	11
36	Unsupervised Network Analysis of the Plastic Supraoptic Nucleus Transcriptome Predicts Caprin2 Regulatory Interactions. ENeuro, 2017, 4, ENEURO.0243-17.2017.	0.9	4

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37	Over-expression of V1A receptors in PVN modulates autonomic cardiovascular control. Pharmacological Research, 2016, 114, 185-195.	3.1	14
38	Rasd1, a small G protein with a big role in the hypothalamic response to neuronal activation. Molecular Brain, 2016, 9, 1.	1.3	52
39	Systemic leukotriene B₄ receptor antagonism lowers arterial blood pressure and improves autonomic function in the spontaneously hypertensive rat. Journal of Physiology, 2016, 594, 5975-5989.	1.3	15
40	Transcription factor CREB3L1 mediates cAMP and glucocorticoid regulation of arginine vasopressin gene transcription in the rat hypothalamus. Molecular Brain, 2015, 8, 68.	1.3	26
41	RNA binding protein Caprin-2 is a pivotal regulator of the central osmotic defense response. ELife, 2015, 4, .	2.8	18
42	A RNA-Seq Analysis of the Rat Supraoptic Nucleus Transcriptome: Effects of Salt Loading on Gene Expression. PLoS ONE, 2015, 10, e0124523.	1.1	22
43	A comparison of physiological and transcriptome responses to water deprivation and salt loading in the rat supraoptic nucleus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R559-R568.	0.9	52
44	Catecholaminergic neurons in the comissural region of the nucleus of the solitary tract modulate hyperosmolality-induced responses. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1082-R1091.	0.9	11
45	Control of Polyamine Biosynthesis by Antizyme Inhibitor 1 Is Important for Transcriptional Regulation of Arginine Vasopressin in the Male Rat Hypothalamus. Endocrinology, 2015, 156, 2905-2917.	1.4	20
46	The energy expenditure of non-weight bearing crutch walking on the level and ascending stairs. Gait and Posture, 2015, 42, 23-26.	0.6	8
47	5Î±-Reduced Neurosteroids Sex-Dependently Reverse Central Prenatal Programming of Neuroendocrine Stress Responses in Rats. Journal of Neuroscience, 2015, 35, 666-677.	1.7	39
48	Osmoregulation Requires Brain Expression of the Renal Na-K-2Cl Cotransporter NKCC2. Journal of Neuroscience, 2015, 35, 5144-5155.	1.7	34
49	Transcription Factor CREB3L1 Regulates Endoplasmic Reticulum Stress Response Genes in the Osmotically Challenged Rat Hypothalamus. PLoS ONE, 2015, 10, e0124956.	1.1	30
50	Salt Appetite Is Reduced by a Single Experience of Drinking Hypertonic Saline in the Adult Rat. PLoS ONE, 2014, 9, e104802.	1.1	11
51	The Use of Protein-DNA, Chromatin Immunoprecipitation, and Transcriptome Arrays to Describe Transcriptional Circuits in the Dehydrated Male Rat Hypothalamus. Endocrinology, 2014, 155, 4380-4390.	1.4	5
52	AT1 receptor blockade alters nutritional and biometric development in obesity-resistant and obesity-prone rats submitted to a high fat diet. Frontiers in Psychology, 2014, 5, 832.	1.1	15
53	The cardiovascular actions of fractalkine/CX3CL1 in the hypothalamic paraventricular nucleus are attenuated in rats with heart failure. Experimental Physiology, 2014, 99, 111-122.	0.9	17
54	Fluorescent Visualisation of the Hypothalamic Oxytocin Neurones Activated by Cholecystokininâ€8 in Rats Expressing câ€fosâ€Enhanced Green Fluorescent Protein and Oxytocinâ€Monomeric Red Fluorescent Protein 1 Fusion Transgenes. Journal of Neuroendocrinology, 2014, 26, 341-347.	1.2	24

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55	Overexpression of oxytocin receptors in the hypothalamic <scp>PVN</scp> increases baroreceptor reflex sensitivity and buffers <scp>BP</scp> variability in conscious rats. British Journal of Pharmacology, 2014, 171, 4385-4398.	2.7	22
56	Transcription Factor CREB3L1 Regulates Vasopressin Gene Expression in the Rat Hypothalamus. Journal of Neuroscience, 2014, 34, 3810-3820.	1.7	66
57	Evidence for involvement of central vasopressin <scp>V</scp>1b and <scp>V</scp>2 receptors in stressâ€induced baroreflex desensitization. British Journal of Pharmacology, 2013, 169, 900-908.	2.7	10
58	Excessive Leukotriene B4 in Nucleus Tractus Solitarii Is Prohypertensive in Spontaneously Hypertensive Rats. Hypertension, 2013, 61, 194-201.	1.3	44
59	A câ€fosâ€Monomeric Red Fluorescent Protein 1 Fusion Transgene is Differentially Expressed in Rat Forebrain and Brainstem after Chronic Dehydration and Rehydration. Journal of Neuroendocrinology, 2013, 25, 478-487.	1.2	13
60	Inhibitory mechanism of the nucleus of the solitary tract involved in the control of cardiovascular, dipsogenic, hormonal, and renal responses to hyperosmolality. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R531-R542.	0.9	26
61	Whole transcriptome organisation in the dehydrated supraoptic nucleus. Brazilian Journal of Medical and Biological Research, 2013, 46, 1000-1006.	0.7	6
62	Ovarian VEGF165b expression regulates follicular development, corpus luteum function and fertility. Reproduction, 2012, 143, 501-511.	1.1	31
63	Use of intravenous fluids for the treatment of patients intoxicated with ethanol (alcohol), a scientific-based practice, but with no clinical guidelines. European Journal of Emergency Medicine, 2012, 19, 410.	0.5	0
64	A cardiovascular role for fractalkine and its cognate receptor, CX3CR1, in the rat nucleus of the solitary tract. Neuroscience, 2012, 209, 119-127.	1.1	11
65	Selective Upâ€Regulation of <scp>J</scp>un<scp>D</scp> Transcript and Protein Expression in Vasopressinergic Supraoptic Nucleus Neurones in Waterâ€Deprived Rats. Journal of Neuroendocrinology, 2012, 24, 1542-1552.	1.2	10
66	The Hypothalamicâ€Neurohypophyseal System: From Genome to Physiology. Journal of Neuroendocrinology, 2012, 24, 539-553.	1.2	41
67	G protein-coupled receptors in the hypothalamic paraventricular and supraoptic nuclei â€“ serpentine gateways to neuroendocrine homeostasis. Frontiers in Neuroendocrinology, 2012, 33, 45-66.	2.5	66
68	Losartan prevents body weight gain in diet induced obese rats. FASEB Journal, 2012, 26, 877.10.	0.2	0
69	Anteroventral third ventricle (AV3V) lesion affects hypothalamic neuronal nitric oxide synthase (nNOS) expression following water deprivation. Brain Research Bulletin, 2011, 86, 239-245.	1.4	7
70	Hypothalamic Transcriptome Plasticity in Two Rodent Species Reveals Divergent Differential Gene Expression But Conserved Pathways. Journal of Neuroendocrinology, 2011, 23, 177-185.	1.2	16
71	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. Journal of Physiology, 2011, 589, 4457-4471.	1.3	22
72	Autonomic mechanisms underpinning the stress response in borderline hypertensive rats. Experimental Physiology, 2011, 96, 574-589.	0.9	27

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73	The transcriptome of the medullary area postrema: the thirsty rat, the hungry rat and the hypertensive rat. Experimental Physiology, 2011, 96, 495-504.	0.9	17
74	Temporal profile of arginine vasopressin release from the neurohypophysis in response to hypertonic saline and hypotension measured using a fluorescent fusion protein. Journal of Neuroscience Methods, 2011, 201, 191-195.	1.3	5
75	Induced autophagy reduces virus output in dengue infected monocytic cells. Virology, 2011, 418, 74-84.	1.1	50
76	Transcriptomic Analysis of the Osmotic and Reproductive Remodeling of the Female Rat Supraoptic Nucleus. Endocrinology, 2011, 152, 3483-3491.	1.4	23
77	Suppression Subtractive Hybridization. Methods in Molecular Biology, 2011, 789, 237-259.	0.4	9
78	Central NOS inhibition differentially affects vasopressin gene expression in hypothalamic nuclei in septic rats. Journal of Neuroimmunology, 2010, 227, 80-86.	1.1	15
79	Acidâ€sensing ion channels in rat hypothalamic vasopressin neurons of the supraoptic nucleus. Journal of Physiology, 2010, 588, 2147-2162.	1.3	33
80	Specific expression of an oxytocin-enhanced cyan fluorescent protein fusion transgene in the rat hypothalamus and posterior pituitary. Journal of Endocrinology, 2010, 204, 275-285.	1.2	21
81	Macrophage Migration Inhibitory Factor in the Paraventricular Nucleus Plays a Major Role in the Sympathoexcitatory Response to Salt. Hypertension, 2010, 56, 956-963.	1.3	15
82	Inhibition of PI3k Class IIIâ€“Dependent Autophagy Prevents Apoptosis and Necrosis by Oxidative Stress in Dopaminergic Neuroblastoma Cells. Toxicological Sciences, 2010, 117, 152-162.	1.4	70
83	Temporal analysis of the spontaneous baroreceptor reflex during mild emotional stress in the rat. Stress, 2010, 13, 142-154.	0.8	31
84	Diurnal changes of arginine vasopressin-enhanced green fluorescent protein fusion transgene expression in the rat suprachiasmatic nucleus. Peptides, 2010, 31, 2089-2093.	1.2	25
85	Induction of the arginine vasopressin-enhanced green fluorescent protein fusion transgene in the rat locus coeruleus. Stress, 2010, 13, 281-292.	0.8	19
86	Overexpression of VEGF165b in mouse ovary results in reduced litter size. FASEB Journal, 2010, 24, 774.24.	0.2	0
87	Exaggerated Response of a Vasopressinâ€“Enhanced Green Fluorescent Protein Transgene to Nociceptive Stimulation in the Rat. Journal of Neuroscience, 2009, 29, 13182-13189.	1.7	47
88	Robust Up-Regulation of Nuclear Red Fluorescent-Tagged Fos Marks Neuronal Activation in Green Fluorescent Vasopressin Neurons after Osmotic Stimulation in a Double-Transgenic Rat. Endocrinology, 2009, 150, 5633-5638.	1.4	28
89	Response of Arginine Vasopressinâ€Enhanced Green Fluorescent Protein Fusion Gene in the Hypothalamus of Adjuvantâ€Induced Arthritic Rats. Journal of Neuroendocrinology, 2009, 21, 183-190.	1.2	32
90	The Transcriptome and the Hypothalamo-Neurohypophyseal System. Endocrine Development, 2009, 17, 1-10.	1.3	6

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91	Overexpression of VEGF165b in mouse ovary results in reduced litter size. FASEB Journal, 2009, 23, 592.17.	0.2	1
92	Hyperosmotic evoked sympathoexcitation is blocked by overexpression of macrophage inhibitory migration factor (MIF) in the paraventricular nucleus of hypothalamus (PVN). FASEB Journal, 2009, 23, 792.11.	0.2	0
93	A micro-optrode for simultaneous extracellular electrical and intracellular optical recording from neurons in an intact oscillatory neuronal network. Journal of Neuroscience Methods, 2008, 168, 383-395.	1.3	13
94	Production of Transgenic Rodents by the Microinjection of Cloned DNA into Fertilized One-Celled Eggs. Methods in Molecular Biology, 2008, 461, 71-109.	0.4	6
95	Specific Expression of Optically Active Reporter Gene in Arginine Vasopressinâ€Secreting Neurosecretory Cells in the Hypothalamicâ€Neurohypophyseal System. Journal of Neuroendocrinology, 2008, 20, 660-664.	1.2	17
96	Akt Induces Apoptosis in Neuroblastoma Cells Expressing a C98X Vasopressin Mutant Following Autophagy Suppression. Journal of Neuroendocrinology, 2008, 20, 1165-1175.	1.2	17
97	Blockade of central vasopressin receptors reduces the cardiovascular response to acute stress in freely moving rats. Neuropharmacology, 2008, 54, 824-836.	2.0	29
98	Mammary alveolar development during lactation is inhibited by the endogenous antiangiogenic growth factor isoform, VEGF₁₆₅b. FASEB Journal, 2008, 22, 1104-1112.	0.2	61
99	Microarray analysis of the transcriptome of the subfornical organ in the rat: regulation by fluid and food deprivation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1914-R1920.	0.9	57
100	Transcription Factor Expression in the Hypothalamo-Neurohypophyseal System of the Dehydrated Rat: Upregulation of Gonadotrophin Inducible Transcription Factor 1 mRNA Is Mediated by cAMP-Dependent Protein Kinase A. Journal of Neuroscience, 2007, 27, 2196-2203.	1.7	27
101	Dehydration-Induced Proteome Changes in the Rat Hypothalamo-Neurohypophyseal System. Endocrinology, 2007, 148, 3041-3052.	1.4	21
102	Junctional Adhesion Molecule-1 Is Upregulated in Spontaneously Hypertensive Rats. Hypertension, 2007, 49, 1321-1327.	1.3	92
103	Osmotic regulation of neuronal nitric oxide synthase expression in the rat amygdala: Functional role for nitric oxide in adaptive responses?. Journal of Neuroscience Research, 2007, 85, 410-422.	1.3	7
104	Physiological Studies of Stress Responses in the Hypothalamus of Vasopressin-Enhanced Green Fluorescent Protein Transgenic Rat. Journal of Neuroendocrinology, 2007, 19, 285-292.	1.2	43
105	14-3-3 Proteins Within the Hypothalamic-Neurohypophyseal System of the Osmotically Stressed Rat: Transcriptomic and Proteomic Studies. Journal of Neuroendocrinology, 2007, 19, 913-922.	1.2	10
106	The Transcriptome of the Rat Hypothalamicâ€Neurohypophyseal System is Highly Strainâ€Dependent. Journal of Neuroendocrinology, 2007, 19, 1009-1012.	1.2	7
107	NO-cGMP mediated galanin expression in NGF-deprived or axotomized sensory neurons. Journal of Neurochemistry, 2007, 100, 790-801.	2.1	20
108	Microarray analysis of brainstem micro vessels in an animal model genetically predisposed to hypertension. FASEB Journal, 2007, 21, A1411.	0.2	0

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109	Central cholinergic modulation of blood pressure short-term variability. Neuropharmacology, 2006, 50, 874-883.	2.0	14
110	Microarray screening of suppression subtractive hybridization-PCR cDNA libraries identifies novel RNAs regulated by dehydration in the rat supraoptic nucleus. Physiological Genomics, 2006, 24, 163-172.	1.0	20
111	Exaggerated Response of Arginine Vasopressin-Enhanced Green Fluorescent Protein Fusion Gene to Salt Loading without Disturbance of Body Fluid Homeostasis in Rats. Journal of Neuroendocrinology, 2006, 18, 776-785.	1.2	55
112	Automation of analysis of cardiovascular autonomic function from chronic measurements of arterial pressure in conscious rats. Experimental Physiology, 2006, 91, 201-213.	0.9	73
113	A spinal vasopressinergic mechanism mediates hyperosmolality-induced sympathoexcitation. Journal of Physiology, 2006, 576, 569-583.	1.3	74
114	Effects of adrenalectomy and acute inflammatory stress on vasopressin-enhanced green fluorescent protein expression in the hypothalamus of transgenic rats. Frontiers in Neuroendocrinology, 2006, 27, 45-46.	2.5	0
115	The role of central vasopressin receptors in the modulation of autonomic cardiovascular controls: a spectral analysis study. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1579-R1591.	0.9	29
116	Endothelial NO Synthase Activity in Nucleus Tractus Solitarii Contributes to Hypertension in Spontaneously Hypertensive Rats. Hypertension, 2006, 48, 644-650.	1.3	66
117	A comprehensive description of the transcriptome of the hypothalamoneurohypophyseal system in euhydrated and dehydrated rats. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1609-1614.	3.3	89
118	Glial-mediated neuroprotection: Evidence for the protective role of the NO-cGMP pathway via neuron-glial communication in the peripheral nervous system. Glia, 2005, 49, 197-210.	2.5	62
119	Water deprivation increases the expression of neuronal nitric oxide synthase (nNOS) but not orexin-A in the lateral hypothalamic area of the rat. Journal of Comparative Neurology, 2005, 490, 180-193.	0.9	16
120	Transgenic Expression of Enhanced Green Fluorescent Protein Enables Direct Visualization for Physiological Studies of Vasopressin Neurons and Isolated Nerve Terminals of the Rat. Endocrinology, 2005, 146, 406-413.	1.4	149
121	Autophagy is a prosurvival mechanism in cells expressing an autosomal dominant familial neurohypophyseal diabetes insipidus mutant vasopressin transgene. FASEB Journal, 2005, 19, 1021-1023.	0.2	48
122	Autophagyâ€dependent cell survival and cell death in an autosomal dominant familial neurohypophyseal diabetes insipidus in vitro model. FASEB Journal, 2005, 19, 1024-1026.	0.2	44
123	Manipulating sorting signals to generate co-expression of somatostatin and eGFP in the regulated secretory pathway from a monocistronic construct. Journal of Molecular Endocrinology, 2004, 33, 523-532.	1.1	5
124	Cardiovascular regulation of supraoptic neurons in the rat: synaptic inputs and cellular signals. Progress in Biophysics and Molecular Biology, 2004, 84, 183-196.	1.4	31
125	Deciphering the mechanisms of homeostatic plasticity in the hypothalamo-neurohypophyseal systemâ€"genomic and gene transfer strategies. Progress in Biophysics and Molecular Biology, 2004, 84, 151-182.	1.4	24
126	Transgenic studies on the regulation of the anterior pituitary gland function by the hypothalamus. Frontiers in Neuroendocrinology, 2003, 24, 11-26.	2.5	10

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127	Further Delineation of the Sequences Required for the Expression and Physiological Regulation of the Vasopressin Gene in Transgenic Rat Hypothalamic Magnocellular Neurones. Journal of Neuroendocrinology, 2003, 15, 42-50.	1.2	26
128	In Vivo Gene Transfer Studies on the Regulation and Function of the Vasopressin and Oxytocin Genes. Journal of Neuroendocrinology, 2003, 15, 109-125.	1.2	38
129	The Hormone Domain of the Vasopressin Prohormone is Required for the Correct Prohormone Trafficking Through the Secretory Pathway. Journal of Neuroendocrinology, 2003, 15, 1156-1163.	1.2	29
130	Dynamic Exercise Attenuates Spontaneous Baroreceptor Reflex Sensitivity in Conscious Rats. Experimental Physiology, 2003, 88, 517-526.	0.9	24
131	Dynamics of a Transgene Expression in Acute Rat Brain Slices Transfected with Adenoviral Vectors. Experimental Physiology, 2003, 88, 459-466.	0.9	17
132	Chronic inhibition of endothelial nitric oxide synthase activity in nucleus tractus solitarii enhances baroreceptor reflex in conscious rats. Journal of Physiology, 2003, 546, 233-242.	1.3	98
133	Adenoviral-mediated over-expression of Brn2 in the rat paraventricular nucleus: no effect on vasopressin or corticotrophin releasing factor RNA levels. Molecular and Cellular Endocrinology, 2003, 200, 165-175.	1.6	7
134	Cross-talk between hypoxic and circadian pathways: cooperative roles for hypoxia-inducible factor 1Î± and CLOCK in transcriptional activation of the vasopressin gene. Molecular and Cellular Neurosciences, 2003, 22, 396-404.	1.0	49
135	cAMP-dependent protein kinase A mediation of vasopressin gene expression in the hypothalamus of the osmotically challenged rat. Molecular and Cellular Neurosciences, 2003, 24, 82-90.	1.0	13
136	Microarray Analysis Reveals Interleukin-6 as a Novel Secretory Product of the Hypothalamo-neurohypophyseal System. Journal of Biological Chemistry, 2003, 278, 19280-19285.	1.6	58
137	Activation of Protein Kinase CÎ¶ Is Essential for Cytokine-induced Metalloproteinase-1, -3, and -9 Secretion from Rabbit Smooth Muscle Cells and Inhibits Proliferation. Journal of Biological Chemistry, 2002, 277, 27345-27352.	1.6	57
138	GENE EXPRESSION STUDIES USING MICROARRAYS: PRINCIPLES, PROBLEMS, AND PROSPECTS. American Journal of Physiology - Advances in Physiology Education, 2002, 26, 256-270.	0.8	128
139	Genetic and pharmacological dissection of pathways involved in the angiotensin IIâ€mediated depression of baroreflex function. FASEB Journal, 2002, 16, 1595-1601.	0.2	50
140	The vasopressin gene non-canonical Hogness box: effect on protein binding and promoter function. Molecular and Cellular Endocrinology, 2002, 186, 17-25.	1.6	6
141	Autophagy in Hypothalamic Neurones of Rats Expressing a Familial Neurohypophysial Diabetes Insipidus Transgene. Journal of Neuroendocrinology, 2002, 14, 629-637.	1.2	45
142	Gene Regulation in the Magnocellular Hypothalamo-Neurohypophysial System. Physiological Reviews, 2001, 81, 1197-1267.	13.1	312
143	Species- and tissue-specific physiological regulation of vasopressin mRNA poly(A) tail length. Physiological Genomics, 2001, 5, 1-9.	1.0	6
144	Unravelling mechanisms of action of angiotensin II on cardiorespiratory function usingin vivogene transfer. Acta Physiologica Scandinavica, 2001, 173, 127-137.	2.3	32

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145	Production of Transgenic Rodents by the Microinjection of Cloned DNA into Fertilized One-Cell Eggs. Molecular Biotechnology, 2001, 17, 151-182.	1.3	16
146	Adenoviral vector demonstrates that angiotensin Iâ€induced depression of the cardiac baroreflex is mediated by endothelial nitric oxide synthase in the nucleus tractus solitarii of the rat. Journal of Physiology, 2001, 531, 445-458.	1.3	151
147	Transgenic Rats and the Functional Genomics of Endocrine Systems. Growth Hormone, 2001, , 1-24.	0.2	0
148	Gene Transfer Strategies for the Physiologist. Experimental Physiology, 2000, 85, 735-745.	0.9	4
149	Transgenic studies in rats and mice on the osmotic regulation of vasopressin gene expression. Experimental Physiology, 2000, 85, 211s-222s.	0.9	6
150	Molecular misreading in nonâ€neuronal cells. FASEB Journal, 2000, 14, 1595-1602.	0.2	23
151	Gene transfer strategies for the physiologist. Experimental Physiology, 2000, 85, 735-745.	0.9	0
152	Endoplasmic reticulum derangement in hypothalamic neurons of rats expressing a familial neurohypophyseal diabetes insipidus mutant vasopressin transgene. FASEB Journal, 2000, 14, 1680-1684.	0.2	44
153	Sorting of the vasopressin prohormone into the regulated secretory pathway. FEBS Letters, 2000, 475, 175-180.	1.3	28
154	Molecular misreading in non-neuronal cells. FASEB Journal, 2000, 14, 1595-1602.	0.2	16
155	Production of Transgenic Rodents by the Microinjection of Cloned DNA into Fertilized One-Celled Eggs. , 1999, 97, 61-100.		3
156	HIT family genes: FHIT but not PKCI-1/HINT produces altered transcripts in colorectal cancer. British Journal of Cancer, 1999, 81, 874-880.	2.9	4
157	Regulation of the synthesis and secretion of vasopressin. Progress in Brain Research, 1999, 119, 137-143.	0.9	12
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