M N Lehman

List of Publications by Citations

184 papers	11,125 citations	56 h-index	99 g-index
191 ext. papers	11,977 ext. citations	4.7 avg, IF	6.11 L-index

#	Paper	IF	Citations
184	A diffusible coupling signal from the transplanted suprachiasmatic nucleus controlling circadian locomotor rhythms. *Nature*, **1996**, 382, 810-3	50.4	634
183	Minireview: kisspeptin/neurokinin B/dynorphin (KNDy) cells of the arcuate nucleus: a central node in the control of gonadotropin-releasing hormone secretion. *Endocrinology*, **2010**, 151, 3479-89	4.8	552
182	Kisspeptin neurons in the arcuate nucleus of the ewe express both dynorphin A and neurokinin B. *Endocrinology*, **2007**, 148, 5752-60	4.8	503
181	Circadian rhythmicity restored by neural transplant. Immunocytochemical characterization of the graft and its integration with the host brain. *Journal of Neuroscience*, **1987**, 7, 1626-38	6.6	455
180	Variation in kisspeptin and RFamide-related peptide (RFRP) expression and terminal connections to gonadotropin-releasing hormone neurons in the brain: a novel medium for seasonal breeding in the sheep. *Endocrinology*, **2008**, 149, 5770-82	4.8	298
179	Medial nucleus of the amygdala mediates chemosensory control of male hamster sexual behavior. *Science*, **1980**, 210, 557-60	33.3	250
178	The suprachiasmatic nucleus and the circadian time-keeping system revisited. *Brain Research Reviews*, **2000**, 33, 34-77		223
177	Immunocytochemical localization of luteinizing hormone-releasing hormone (LHRH) pathways in the sheep brain during anestrus and the mid-luteal phase of the estrous cycle. *Journal of Comparative Neurology*, **1986**, 244, 19-35	3.4	213
176	The kisspeptin/neurokinin B/dynorphin (KNDy) cell population of the arcuate nucleus: sex differences and effects of prenatal testosterone in sheep. *Endocrinology*, **2010**, 151, 301-11	4.8	211
175	Do gonadotropin-releasing hormone, tyrosine hydroxylase-, and beta-endorphin-immunoreactive neurons contain estrogen receptors? A double-label immunocytochemical study in the Suffolk ewe. *Endocrinology*, **1993**, 133, 887-95	4.8	208
174	Effects of suprachiasmatic transplants on circadian rhythms of neuroendocrine function in golden hamsters. *Endocrinology*, **1999**, 140, 207-18	4.8	192
173	Evidence that dynorphin plays a major role in mediating progesterone negative feedback on gonadotropin-releasing hormone neurons in sheep. *Endocrinology*, **2004**, 145, 2959-67	4.8	180
172	Coexpression of opsin- and VIP-like-immunoreactivity in CSF-contacting neurons of the avian brain. *Cell and Tissue Research*, **1988**, 253, 189-98	4.2	177
171	Vomeronasal and olfactory pathways to the amygdala controlling male hamster sexual behavior: autoradiographic and behavioral analyses. *Brain Research*, **1982**, 240, 27-41	3.7	171
170	Estrogen receptors in dendrites and axon terminals in the guinea pig hypothalamus. *Endocrinology*, **1992**, 131, 281-90	4.8	155
169	Altered hematopoiesis, behavior, and sexual function in mu opioid receptor-deficient mice. *Journal of Experimental Medicine*, **1997**, 185, 1517-22	16.6	152
168	Kisspeptin, neurokinin B, and dynorphin act in the arcuate nucleus to control activity of the GnRH pulse generator in ewes. *Endocrinology*, **2013**, 154, 4259-69	4.8	145

167	Suprachiasmatic regulation of circadian rhythms of gene expression in hamster peripheral organs: effects of transplanting the pacemaker. *Journal of Neuroscience*, **2006**, 26, 6406-12	6.6	138
166	Molecular mapping of the neural pathways linking leptin to the neuroendocrine reproductive axis. *Endocrinology*, **2011**, 152, 2302-10	4.8	135
165	Human olfactory biopsy. The influence of age and receptor distribution. *JAMA Otolaryngology*, **1992**, 118, 731-8		134
164	Neurokinin B acts via the neurokinin-3 receptor in the retrochiasmatic area to stimulate luteinizing hormone secretion in sheep. *Endocrinology*, **2010**, 151, 3836-46	4.8	133
163	Neurokinin 3 receptor immunoreactivity in the septal region, preoptic area and hypothalamus of the female sheep: colocalisation in neurokinin B cells of the arcuate nucleus but not in gonadotrophin-releasing hormone neurones. *Journal of Neuroendocrinology*, **2010**, 22, 1-12	3.8	132
162	Distribution of estrogen receptor-immunoreactive cells in the sheep brain. *Endocrinology*, **1993**, 133, 876-86	4.8	128
161	The eye is necessary for a circadian rhythm in the suprachiasmatic nucleus. *Nature Neuroscience*, **2003**, 6, 111-2	25.5	119
160	Anatomy of the kisspeptin neural network in mammals. *Brain Research*, **2010**, 1364, 90-102	3.7	116
159	Colocalization of progesterone receptors in parvicellular dynorphin neurons of the ovine preoptic area and hypothalamus. *Endocrinology*, **2002**, 143, 4366-74	4.8	109
158	Dispersed cell suspensions of fetal SCN restore circadian rhythmicity in SCN-lesioned adult hamsters. *Brain Research*, **1990**, 525, 45-58	3.7	107
157	Neurons that migrate from the olfactory epithelium in the chick express luteinizing hormone-releasing hormone. *Endocrinology*, **1991**, 128, 1676-8	4.8	106
156	Neuroanatomy of the kisspeptin signaling system in mammals: comparative and developmental aspects. *Advances in Experimental Medicine and Biology*, **2013**, 784, 27-62	3.6	103
155	KNDy (kisspeptin/neurokinin B/dynorphin) neurons are activated during both pulsatile and surge secretion of LH in the ewe. *Endocrinology*, **2012**, 153, 5406-14	4.8	98
154	Seasonal plasticity within the gonadotropin-releasing hormone (GnRH) system of the ewe: changes in identified GnRH inputs and glial association. *Endocrinology*, **2003**, 144, 3663-76	4.8	98
153	Colocalisation of dynorphin a and neurokinin B immunoreactivity in the arcuate nucleus and median eminence of the sheep. *Journal of Neuroendocrinology*, **2006**, 18, 534-41	3.8	94
152	KNDy Cells Revisited. *Endocrinology*, **2018**, 159, 3219-3234	4.8	93
151	Role of the hypothalamic paraventricular nucleus in neuroendocrine responses to daylength in the golden hamster. *Brain Research*, **1984**, 308, 25-32	3.7	91
150	Natural and drug rewards act on common neural plasticity mechanisms with ΔFosB as a key mediator. *Journal of Neuroscience*, **2013**, 33, 3434-42	6.6	88

149	Fos expression during the estradiol-induced gonadotropin-releasing hormone (GnRH) surge of the ewe: induction in GnRH and other neurons. *Endocrinology*, **1993**, 133, 896-903	4.8	88
148	Progesterone increases dynorphin a concentrations in cerebrospinal fluid and preprodynorphin messenger ribonucleic Acid levels in a subset of dynorphin neurons in the sheep. *Endocrinology*, **2005**, 146, 1835-42	4.8	86
147	Neuroplasticity in the mesolimbic system induced by natural reward and subsequent reward abstinence. *Biological Psychiatry*, **2010**, 67, 872-9	7.9	84
146	Diurnal variations in natural and drug reward, mesolimbic tyrosine hydroxylase, and clock gene expression in the male rat. *Journal of Biological Rhythms*, **2009**, 24, 465-76	3.2	84
145	Kisspeptin neurons from mice to men: similarities and differences. *Endocrinology*, **2012**, 153, 5105-18	4.8	78
144	SAT-426 Rabies-Mediated Monosynaptic Tract-Tracing of Sexually Dimorphic Estrogen-Sensitive Afferents to KNDy Neurons in the Mouse. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
143	Multiple regulatory elements result in regional specificity in circadian rhythms of neuropeptide expression in mouse SCN. *NeuroReport*, **1999**, 10, 3165-74	1.7	77
142	Role of the thyroid gland in seasonal reproduction. III. Thyroidectomy blocks seasonal suppression of gonadotropin-releasing hormone secretion in sheep. *Endocrinology*, **1991**, 129, 1635-43	4.8	73
141	Stria terminalis lesions alter the temporal pattern of copulatory behavior in the male golden hamster. *Behavioural Brain Research*, **1983**, 8, 109-28	3.4	72
140	Evidence for seasonal plasticity in the gonadotropin-releasing hormone (GnRH) system of the ewe: changes in synaptic inputs onto GnRH neurons. *Endocrinology*, **1997**, 138, 1240-50	4.8	71
139	A double-label pre-embedding immunoperoxidase technique for electron microscopy using diaminobenzidine and tetramethylbenzidine as markers. *Journal of Histochemistry and Cytochemistry*, **1989**, 37, 1283-9	3.4	71
138	FosB in the nucleus accumbens is critical for reinforcing effects of sexual reward. *Genes, Brain and Behavior*, **2010**, 9, 831-40	3.6	68
137	A subset of gonadotropin-releasing hormone neurons in the ovine medial basal hypothalamus is activated during increased pulsatile luteinizing hormone secretion. *Endocrinology*, **1999**, 140, 5929-36	4.8	66
136	The GnRH system of seasonal breeders: anatomy and plasticity. *Brain Research Bulletin*, **1997**, 44, 445-57	3.9	65
135	The suprachiasmatic nucleus: a clock of multiple components. *Journal of Biological Rhythms*, **2003**, 18, 435-49	3.2	65
134	Do gonadotropin-releasing hormone, tyrosine hydroxylase-, and beta-endorphin-immunoreactive neurons contain estrogen receptors? A double-label immunocytochemical study in the Suffolk ewe		63
133	Neurons of origin and fiber trajectory of amygdalofugal projections to the medial preoptic area in Syrian hamsters. *Journal of Comparative Neurology*, **1989**, 280, 59-71	3.4	60
132	A role for neurokinin B in pulsatile GnRH secretion in the ewe. *Neuroendocrinology*, **2014**, 99, 18-32	5.6	59

131	Kisspeptin and seasonality in sheep. *Peptides*, **2009**, 30, 154-63	3.8	59
130	Bidirectional interactions between the circadian and reward systems: is restricted food access a unique zeitgeber?. *European Journal of Neuroscience*, **2009**, 30, 1739-48	3.5	57
129	Opioid Receptor Is Colocalized in GnRH and KNDy Cells in the Female Ovine and Rat Brain. *Endocrinology*, **2016**, 157, 2367-79	4.8	56
128	Evidence that dopamine acts via kisspeptin to hold GnRH pulse frequency in check in anestrous ewes. *Endocrinology*, **2012**, 153, 5918-27	4.8	54
127	Ultrastructure and synaptic organization of luteinizing hormone-releasing hormone (LHRH) neurons in the anestrous ewe. *Journal of Comparative Neurology*, **1988**, 273, 447-58	3.4	54
126	Activation of mu opioid receptors in the medial preoptic area following copulation in male rats. *Neuroscience*, **2004**, 124, 11-21	3.9	53
125	Insulin: its role in the central control of reproduction. *Physiology and Behavior*, **2014**, 133, 197-206	3.5	52
124	Dopaminergic A14/A15 neurons are activated during estradiol negative feedback in anestrous, but not breeding season, ewes. *Endocrinology*, **1996**, 137, 4443-50	4.8	51
123	Morphological plasticity in the neural circuitry responsible for seasonal breeding in the ewe. *Endocrinology*, **2006**, 147, 4843-51	4.8	51
122	Potential sites of interaction between catecholamines and LHRH in the sheep brain. *Brain Research Bulletin*, **1988**, 20, 49-58	3.9	49
121	Evidence for Changes in Numbers of Synaptic Inputs onto KNDy and GnRH Neurones during the Preovulatory LH Surge in the Ewe. *Journal of Neuroendocrinology*, **2015**, 27, 624-35	3.8	48
120	Evaluation of the effectiveness of 3D vascular stereoscopic models in anatomy instruction for first year medical students. *Anatomical Sciences Education*, **2017**, 10, 34-45	6.8	47
119	Herpes simplex virus as a transneuronal tracer. *Neuroscience and Biobehavioral Reviews*, **1998**, 22, 695-708	9	46
118	Neural mechanisms controlling seasonal reproduction: principles derived from the sheep model and its comparison with hamsters. *Frontiers in Neuroendocrinology*, **2015**, 37, 43-51	8.9	45
117	Neural systems mediating seasonal breeding in the ewe. *Journal of Neuroendocrinology*, **2010**, 22, 674-81	3.8	45
116	Evidence for a ventral non-strial pathway from the amygdala to the bed nucleus of the stria terminalis in the male golden hamster. *Brain Research*, **1983**, 268, 139-46	3.7	44
115	Thyroid hormone receptor (alpha) distribution in hamster and sheep brain: colocalization in gonadotropin-releasing hormone and other identified neurons. *Endocrinology*, **1997**, 138, 5039-47	4.8	43
114	Distribution of estrogen receptor-immunoreactive cells in the sheep brain		42

113	Prenatal Testosterone Treatment Leads to Changes in the Morphology of KNDy Neurons, Their Inputs, and Projections to GnRH Cells in Female Sheep. *Endocrinology*, **2015**, 156, 3277-91	4.8	41
112	Restoration of circadian rhythmicity by transplants of SCN "micropunches". *Journal of Biological Rhythms*, **1996**, 11, 163-71	3.2	41
111	Transplantation: a new tool in the analysis of the mammalian hypothalamic circadian pacemaker. *Trends in Neurosciences*, **1991**, 14, 362-6	13.3	41
110	Natural reward experience alters AMPA and NMDA receptor distribution and function in the nucleus accumbens. *PLoS ONE*, **2012**, 7, e34700	3.7	41
109	A pivotal role of lumbar spinothalamic cells in the regulation of ejaculation via intraspinal connections. *Journal of Sexual Medicine*, **2012**, 9, 2256-65	1.1	39
108	Lesions of orexin neurons block conditioned place preference for sexual behavior in male rats. *Hormones and Behavior*, **2011**, 59, 1-8	3.7	39
107	Diurnal and circadian regulation of reward-related neurophysiology and behavior. *Physiology and Behavior*, **2015**, 143, 58-69	3.5	37
106	Lesions of the medial prefrontal cortex cause maladaptive sexual behavior in male rats. *Biological Psychiatry*, **2010**, 67, 1199-204	7.9	37
105	Endogenous opioid-induced neuroplasticity of dopaminergic neurons in the ventral tegmental area influences natural and opiate reward. *Journal of Neuroscience*, **2014**, 34, 8825-36	6.6	36
104	Potential for polysialylated form of neural cell adhesion molecule-mediated neuroplasticity within the gonadotropin-releasing hormone neurosecretory system of the ewe. *Endocrinology*, **2001**, 142, 1317-24	4.8	36
103	Methamphetamine acts on subpopulations of neurons regulating sexual behavior in male rats. *Neuroscience*, **2010**, 166, 771-84	3.9	35
102	Evidence that the arcuate nucleus is an important site of progesterone negative feedback in the ewe. *Endocrinology*, **2011**, 152, 3451-60	4.8	35
101	The premammillary hypothalamic area of the ewe: anatomical characterization of a melatonin target area mediating seasonal reproduction. *Biology of Reproduction*, **2004**, 70, 1768-75	3.9	35
100	Prenatal programming by testosterone of hypothalamic metabolic control neurones in the ewe. *Journal of Neuroendocrinology*, **2011**, 23, 401-11	3.8	34
99	Expression of haPer1 and haBmal1 in Syrian hamsters: heterogeneity of transcripts and oscillations in the periphery. *Journal of Biological Rhythms*, **2004**, 19, 113-25	3.2	34
98	Retrograde transneuronal transport of herpes simplex virus in the retina after injection in the superior colliculus, hypothalamus and optic chiasm. *Brain Research*, **1989**, 479, 374-8	3.7	34
97	Impact of psychosocial stress on gonadotrophins and sexual behaviour in females: role for cortisol?. *Reproduction*, **2016**, 152, R1-R14	3.8	34
96	Neuroendocrine control of pulsatile GnRH secretion during the ovarian cycle: evidence from the ewe. *Reproduction Supplement*, **2002**, 59, 41-56		33

95	Photic sensitivity for circadian response to light varies with photoperiod. *Journal of Biological Rhythms*, **2012**, 27, 308-18	3.2	32
94	GnRH neurons in the fetal lamb hypothalamus are similar in males and females. *Neuroendocrinology*, **1992**, 55, 427-33	5.6	32
93	Regulation of GnRH pulsatility in ewes. *Reproduction*, **2018**, 156, R83-R99	3.8	31
92	Cold water swim stress increases the expression of neurotensin mRNA in the lateral hypothalamus and medial preoptic regions of the rat brain. *Molecular Brain Research*, **2001**, 86, 145-52		31
91	Functional effects of fetal striatal transplants. *Brain Research Bulletin*, **1989**, 22, 163-72	3.9	31
90	Sensitization of rotation behavior in rats with unilateral 6-hydroxydopamine or kainic acid-induced striatal lesions. *Pharmacology Biochemistry and Behavior*, **1990**, 37, 755-9	3.9	31
89	A new method for simultaneous demonstration of anterograde and retrograde connections in the brain: co-injections of biotinylated dextran amine and the beta subunit of cholera toxin. *Journal of Neuroscience Methods*, **1999**, 91, 1-8	3	30
88	Identification and distribution of neuroendocrine gonadotropin-releasing hormone neurons in the ewe. *Biology of Reproduction*, **1997**, 56, 655-62	3.9	29
87	Neuronal plasticity and seasonal reproduction in sheep. *European Journal of Neuroscience*, **2010**, 32, 2153-64	3.9	28
86	Orphanin FQ: evidence for a role in the control of the reproductive neuroendocrine system. *Endocrinology*, **2007**, 148, 4993-5001	4.8	28
85	Ultrastructure of luteinizing hormone-releasing hormone (LHRH) neurons and their projections in the golden hamster. *Brain Research Bulletin*, **1988**, 20, 211-21	3.9	28
84	Evidence That Dynorphin Acts Upon KNDy and GnRH Neurons During GnRH Pulse Termination in the Ewe. *Endocrinology*, **2018**, 159, 3187-3199	4.8	27
83	Kisspeptin/Neurokinin B/Dynorphin (KNDy) cells as integrators of diverse internal and external cues: evidence from viral-based monosynaptic tract-tracing in mice. *Scientific Reports*, **2019**, 9, 14768	4.9	27
82	Orexin mediates initiation of sexual behavior in sexually naive male rats, but is not critical for sexual performance. *Hormones and Behavior*, **2010**, 58, 397-404	3.7	26
81	Regulation of the phase and period of circadian rhythms restored by suprachiasmatic transplants. *Journal of Biological Rhythms*, **1996**, 11, 145-62	3.2	26
80	Activation of gastrin-releasing peptide receptors in the lumbosacral spinal cord is required for ejaculation in male rats. *Journal of Sexual Medicine*, **2012**, 9, 1303-18	1.1	25
79	The transcription factor Runx2 is under circadian control in the suprachiasmatic nucleus and functions in the control of rhythmic behavior. *PLoS ONE*, **2013**, 8, e54317	3.7	25
78	Concurrent exposure to methamphetamine and sexual behavior enhances subsequent drug reward and causes compulsive sexual behavior in male rats. *Journal of Neuroscience*, **2011**, 31, 16473-82	6.6	24

77	The ability of estradiol to induce Fos expression in a subset of estrogen receptor-alpha-containing neurons in the preoptic area of the ewe depends on reproductive status. *Endocrinology*, **2000**, 141, 190-6	4.8	24
76	The gonadotropin-releasing hormone neuronal system of the male Djungarian hamster: distribution from the olfactory tubercle to the medial basal hypothalamus. *Neuroendocrinology*, **1990**, 51, 219-25	5.6	24
75	Effects of Season and Estradiol on KNDy Neuron Peptides, Colocalization With D2 Dopamine Receptors, and Dopaminergic Inputs in the Ewe. *Endocrinology*, **2017**, 158, 831-841	4.8	23
74	Artificial feeding synchronizes behavioral, hormonal, metabolic and neural parameters in mother-deprived neonatal rabbit pups. *European Journal of Neuroscience*, **2011**, 34, 1807-16	3.5	23
73	Activation of NMDA receptors in lumbar spinothalamic cells is required for ejaculation. *Journal of Sexual Medicine*, **2011**, 8, 1015-26	1.1	23
72	Effects of methamphetamine on sexual performance and compulsive sex behavior in male rats. *Psychopharmacology*, **2010**, 212, 93-104	4.7	23
71	D1-dopamine receptor binding and tyrosine hydroxylase-immunoreactivity in the fetal and neonatal hamster suprachiasmatic nucleus. *Developmental Brain Research*, **1998**, 106, 137-44		23
70	Calbindin expression in the hamster SCN is influenced by circadian genotype and by photic conditions. *NeuroReport*, **1999**, 10, 3159-63	1.7	23
69	Changes in hypothalamic estrogen receptor-containing cell numbers in response to feed restriction in the female lamb. *Neuroendocrinology*, **1999**, 69, 430-7	5.6	23
68	A subset of estrogen receptor-containing neurons project to the median eminence in the ewe. *Journal of Neuroendocrinology*, **1996**, 8, 921-7	3.8	22
67	Anterograde transport of HSV-1 and HSV-2 in the visual system. *Brain Research Bulletin*, **1992**, 28, 393-9	3.9	22
66	Prenatal testosterone excess decreases neurokinin 3 receptor immunoreactivity within the arcuate nucleus KNDy cell population. *Journal of Neuroendocrinology*, **2015**, 27, 100-10	3.8	21
65	Distribution of preprodynorphin mRNA and dynorphin-a immunoreactivity in the sheep preoptic area and hypothalamus. *Neuroscience*, **2005**, 130, 409-18	3.9	21
64	Immunocytochemical colocalization of GABA-B receptor subunits in gonadotropin-releasing hormone neurons of the sheep. *Neuroscience*, **2006**, 141, 311-9	3.9	21
63	Ovarian estrogen receptor-beta (ERbeta) regulation: I. Changes in ERbeta messenger RNA expression prior to ovulation in the ewe. *Biology of Reproduction*, **2001**, 65, 866-72	3.9	21
62	Fos expression during the estradiol-induced gonadotropin-releasing hormone (GnRH) surge of the ewe: induction in GnRH and other neurons		21
61	Prenatal Testosterone Exposure Alters GABAergic Synaptic Inputs to GnRH and KNDy Neurons in a Sheep Model of Polycystic Ovarian Syndrome. *Endocrinology*, **2019**, 160, 2529-2542	4.8	20
60	Neurokinin-3 receptor activation in the retrochiasmatic area is essential for the full pre-ovulatory luteinising hormone surge in ewes. *Journal of Neuroendocrinology*, **2014**, 26, 776-84	3.8	20

59	Dynorphin immunoreactive fibers contact GnRH neurons in the human hypothalamus. *Reproductive Sciences*, **2009**, 16, 781-7	3	20
58	Regional differences in the distribution of gonadotropin-releasing hormone cells between rapidly growing and growth-restricted prepubertal female sheep. *Endocrinology*, **1997**, 138, 230-6	4.8	20
57	Tracing SCN graft efferents with DiI. *Brain Research*, **1991**, 554, 15-21	3.7	20
56	Luteinizing hormone-releasing hormone in the vomeronasal system and terminal nerve of the hamster. *Annals of the New York Academy of Sciences*, **1987**, 519, 229-40	6.5	20
55	Activation of MAP kinase in lumbar spinothalamic cells is required for ejaculation. *Journal of Sexual Medicine*, **2010**, 7, 2445-57	1.1	18
54	Paraventricular neurons control hamster photoperiodism by a predominantly uncrossed descending pathway. *Brain Research Bulletin*, **1987**, 19, 687-94	3.9	18
53	Behavioral effects of neural transplantation. *Cell Transplantation*, **1992**, 1, 401-27	4	17
52	Localization of a peptide sequence contained in the precursor to gonadotropin releasing hormone (GnRH). *Brain Research*, **1987**, 402, 346-50	3.7	17
51	Dopaminergic A14/A15 neurons are activated during estradiol negative feedback in anestrous, but not breeding season, ewes		17
50	Do Substance P and Neurokinin A Play Important Roles in the Control of LH Secretion in Ewes?. *Endocrinology*, **2016**, 157, 4829-4841	4.8	17
49	Prenatal testosterone exposure decreases colocalization of insulin receptors in kisspeptin/neurokinin B/dynorphin and agouti-related peptide neurons of the adult ewe. *European Journal of Neuroscience*, **2016**, 44, 2557-2568	3.5	15
48	Sex differences and effects of prenatal exposure to excess testosterone on ventral tegmental area dopamine neurons in adult sheep. *European Journal of Neuroscience*, **2015**, 41, 1157-66	3.5	15
47	Long-term effects of early cocaine exposure on the light responsiveness of the adult circadian timing system. *Neurotoxicology and Teratology*, **1998**, 20, 555-64	3.9	15
46	Evidence for Seasonal Plasticity in the Gonadotropin-Releasing Hormone (GnRH) System of the Ewe: Changes in Synaptic Inputs onto GnRH Neurons		15
45	Seasonal plasticity in the brain: the use of large animal models for neuroanatomical research. *Reproduction Supplement*, **2002**, 59, 149-65		15
44	Stereoscopic vascular models of the head and neck: A computed tomography angiography visualization. *Anatomical Sciences Education*, **2016**, 9, 179-85	6.8	14
43	NMDA and PACAP receptor signaling interact to mediate retinal-induced scn cellular rhythmicity in the absence of light. *PLoS ONE*, **2013**, 8, e76365	3.7	14
42	Estradiol negative feedback regulation by glutamatergic afferents to A15 dopaminergic neurons: variation with season. *Endocrinology*, **2009**, 150, 4663-71	4.8	14

41	Fiber outgrowth from anterior hypothalamic and cortical xenografts in the third ventricle. *Journal of Comparative Neurology*, **1998**, 391, 133-45	3.4	14
40	Neural system-enriched gene expression: relationship to biological pathways and neurological diseases. *Physiological Genomics*, **2004**, 18, 167-83	3.6	14
39	Three-dimensional imaging of KNDy neurons in the mammalian brain using optical tissue clearing and multiple-label immunocytochemistry. *Scientific Reports*, **2018**, 8, 2242	4.9	13
38	How do fetal grafts of the suprachiasmatic nucleus communicate with the host brain?. *Cell Transplantation*, **1995**, 4, 75-81	4	13
37	Age of donor influences ability of suprachiasmatic nucleus grafts to restore circadian rhythmicity. *Developmental Brain Research*, **1993**, 71, 45-52		13
36	Does the KNDy Model for the Control of Gonadotropin-Releasing Hormone Pulses Apply to Monkeys and Humans?. *Seminars in Reproductive Medicine*, **2019**, 37, 71-83	1.4	13
35	Evidence That Endogenous Somatostatin Inhibits Episodic, but Not Surge, Secretion of LH in Female Sheep. *Endocrinology*, **2017**, 158, 1827-1837	4.8	12
34	Evidence that gamma-aminobutyric acid is part of the neural circuit mediating estradiol negative feedback in anestrous ewes. *Endocrinology*, **2008**, 149, 2762-72	4.8	12
33	CSF signaling in physiology and behavior. *Progress in Brain Research*, **2000**, 125, 415-33	2.9	12
32	Characterization and regulation of pre-ovulatory secretion of gonadotrophin-releasing hormone. *Human Reproduction*, **1993**, 8 Suppl 2, 51-6	5.7	12
31	Luteinizing hormone-releasing hormone in the pigeon terminal nerve and olfactory bulb. *Neuroscience Letters*, **1992**, 135, 201-4	3.3	12
30	KNDy Hypothesis for Generation of GnRH Pulses: Evidence from Sheep and Goats **2018**, 289-324		11
29	Evidence that orphanin FQ mediates progesterone negative feedback in the ewe. *Endocrinology*, **2013**, 154, 4249-58	4.8	11
28	Surge-Like Luteinising Hormone Secretion Induced by Retrochiasmatic Area NK3R Activation is Mediated Primarily by Arcuate Kisspeptin Neurones in the Ewe. *Journal of Neuroendocrinology*, **2016**, 28,	3.8	11
27	Prenatal Androgen Exposure Alters KNDy Neurons and Their Afferent Network in a Model of Polycystic Ovarian Syndrome. *Endocrinology*, **2021**, 162,	4.8	11
26	Single- and double-label immunocytochemical study of the ovine suprachiasmatic nucleus (SCN): GABAergic and peptidergic relationships. *Brain Research Bulletin*, **1994**, 34, 499-506	3.9	10
25	Effect of fetal striatal and astrocyte transplants into unilateral excitotoxin-lesioned striatum. *Journal of Neural Transplantation & Plasticity*, **1993**, 4, 279-87		9
24	Regional Differences in the Distribution of Gonadotropin-Releasing Hormone Cells between Rapidly Growing and Growth-Restricted Prepubertal Female Sheep		9

23	The 3 World Conference on Kisspeptin, "Kisspeptin 2017: Brain and Beyond":Unresolved questions, challenges and future directions for the field. *Journal of Neuroendocrinology*, **2018**, 30, e12600	3.8	8
22	The Ability of Estradiol to Induce Fos Expression in a Subset of Estrogen Receptor-Containing Neurons in the Preoptic Area of the Ewe Depends on Reproductive Status		8
21	Potential for Polysialylated Form of Neural Cell Adhesion Molecule-Mediated Neuroplasticity within the Gonadotropin-Releasing Hormone Neurosecretory System of the Ewe		7
20	Importance of neuroanatomical data from domestic animals to the development and testing of the KNDy hypothesis for GnRH pulse generation. *Domestic Animal Endocrinology*, **2020**, 73, 106441	2.3	6
19	Evidence that Nitric Oxide Is Critical for LH Surge Generation in Female Sheep. *Endocrinology*, **2020**, 161,	4.8	6
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