

M N Lehman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	In vivo imaging of the GnRH pulse generator reveals a temporal order of neuronal activation and synchronization during each pulse.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	5
183	Neuroendocrine control of gonadotropin-releasing hormone: Pulsatile and surge modes of secretion.. <i>Journal of Neuroendocrinology</i> , 2022 , e13094	3.8	2
182	Food Entrainment, Arousal, and Motivation in the Neonatal Rabbit Pup. <i>Frontiers in Neuroscience</i> , 2021 , 15, 636764	5.1	3
181	Evidence that synaptic plasticity of glutamatergic inputs onto KNDy neurones during the ovine follicular phase is dependent on increasing levels of oestradiol. <i>Journal of Neuroendocrinology</i> , 2021 , 33, e12945	3.8	2
180	Localization of kisspeptin, NKB, and NK3R in the hypothalamus of gilts treated with the progestin altrenogest. <i>Biology of Reproduction</i> , 2021 , 105, 1056-1067	3.9	1
179	Prenatal Androgen Exposure Alters KNDy Neurons and Their Afferent Network in a Model of Polycystic Ovarian Syndrome. <i>Endocrinology</i> , 2021 , 162,	4.8	11
178	Unraveling the Neural Mechanisms Underlying the GnRH Pulse Generator: An Update 2021 , 123-148		
177	Morphological and functional evidence for sexual dimorphism in neurokinin B signalling in the retrochiasmatic area of sheep. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12877	3.8	
176	Importance of neuroanatomical data from domestic animals to the development and testing of the KNDy hypothesis for GnRH pulse generation. <i>Domestic Animal Endocrinology</i> , 2020 , 73, 106441	2.3	6
175	Evidence that Nitric Oxide Is Critical for LH Surge Generation in Female Sheep. <i>Endocrinology</i> , 2020 , 161,	4.8	6
174	Kisspeptin/Neurokinin B/Dynorphin (KNDy) cells as integrators of diverse internal and external cues: evidence from viral-based monosynaptic tract-tracing in mice. <i>Scientific Reports</i> , 2019 , 9, 14768	4.9	27
173	Prenatal Testosterone Exposure Alters GABAergic Synaptic Inputs to GnRH and KNDy Neurons in a Sheep Model of Polycystic Ovarian Syndrome. <i>Endocrinology</i> , 2019 , 160, 2529-2542	4.8	20
172	Comparison of Magnetic Resonance Angiography and Computed Tomography Angiography Stereoscopic Cerebral Vascular Models. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1205, 1-9	3.6	0
171	SAT-426 Rabies-Mediated Monosynaptic Tract-Tracing of Sexually Dimorphic Estrogen-Sensitive Afferents to KNDy Neurons in the Mouse. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
170	Arcuate nucleus kisspeptin response to increased nutrition in rams. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1682-1691	1.8	2
169	Evidence That the LH Surge in Ewes Involves Both Neurokinin B-Dependent and -Independent Actions of Kisspeptin. <i>Endocrinology</i> , 2019 , 160, 2990-3000	4.8	3
168	Does the KNDy Model for the Control of Gonadotropin-Releasing Hormone Pulses Apply to Monkeys and Humans?. <i>Seminars in Reproductive Medicine</i> , 2019 , 37, 71-83	1.4	13

167	The 3 World Conference on Kisspeptin, "Kisspeptin 2017: Brain and Beyond": Unresolved questions, challenges and future directions for the field. <i>Journal of Neuroendocrinology</i> , 2018 , 30, e12600	3.8	8
166	The Roles of Neurokinins and Endogenous Opioid Peptides in Control of Pulsatile LH Secretion. <i>Vitamins and Hormones</i> , 2018 , 107, 89-135	2.5	5
165	Three-dimensional imaging of KNDy neurons in the mammalian brain using optical tissue clearing and multiple-label immunocytochemistry. <i>Scientific Reports</i> , 2018 , 8, 2242	4.9	13
164	KNDy Hypothesis for Generation of GnRH Pulses: Evidence from Sheep and Goats 2018 , 289-324		11
163	Evidence That Dynorphin Acts Upon KNDy and GnRH Neurons During GnRH Pulse Termination in the Ewe. <i>Endocrinology</i> , 2018 , 159, 3187-3199	4.8	27
162	KNDy Cells Revisited. <i>Endocrinology</i> , 2018 , 159, 3219-3234	4.8	93
161	Regulation of GnRH pulsatility in ewes. <i>Reproduction</i> , 2018 , 156, R83-R99	3.8	31
160	Evaluation of the effectiveness of 3D vascular stereoscopic models in anatomy instruction for first year medical students. <i>Anatomical Sciences Education</i> , 2017 , 10, 34-45	6.8	47
159	Evidence That Endogenous Somatostatin Inhibits Episodic, but Not Surge, Secretion of LH in Female Sheep. <i>Endocrinology</i> , 2017 , 158, 1827-1837	4.8	12
158	Effects of Season and Estradiol on KNDy Neuron Peptides, Colocalization With D2 Dopamine Receptors, and Dopaminergic Inputs in the Ewe. <i>Endocrinology</i> , 2017 , 158, 831-841	4.8	23
157	Stereoscopic vascular models of the head and neck: A computed tomography angiography visualization. <i>Anatomical Sciences Education</i> , 2016 , 9, 179-85	6.8	14
156	Prenatal testosterone exposure decreases colocalization of insulin receptors in kisspeptin/neurokinin B/dynorphin and agouti-related peptide neurons of the adult ewe. <i>European Journal of Neuroscience</i> , 2016 , 44, 2557-2568	3.5	15
155	Surge-Like Luteinising Hormone Secretion Induced by Retrochiasmatic Area NK3R Activation is Mediated Primarily by Arcuate Kisspeptin Neurons in the Ewe. <i>Journal of Neuroendocrinology</i> , 2016 , 28,	3.8	11
154	Impact of psychosocial stress on gonadotrophins and sexual behaviour in females: role for cortisol?. <i>Reproduction</i> , 2016 , 152, R1-R14	3.8	34
153	µOpioid Receptor Is Colocalized in GnRH and KNDy Cells in the Female Ovine and Rat Brain. <i>Endocrinology</i> , 2016 , 157, 2367-79	4.8	56
152	Do Substance P and Neurokinin A Play Important Roles in the Control of LH Secretion in Ewes?. <i>Endocrinology</i> , 2016 , 157, 4829-4841	4.8	17
151	Diurnal and circadian regulation of reward-related neurophysiology and behavior. <i>Physiology and Behavior</i> , 2015 , 143, 58-69	3.5	37
150	Prenatal Testosterone Treatment Leads to Changes in the Morphology of KNDy Neurons, Their Inputs, and Projections to GnRH Cells in Female Sheep. <i>Endocrinology</i> , 2015 , 156, 3277-91	4.8	41

149	Prenatal testosterone excess decreases neurokinin 3 receptor immunoreactivity within the arcuate nucleus KNDy cell population. <i>Journal of Neuroendocrinology</i> , 2015 , 27, 100-10	3.8	21
148	Evidence for Changes in Numbers of Synaptic Inputs onto KNDy and GnRH Neurons during the Preovulatory LH Surge in the Ewe. <i>Journal of Neuroendocrinology</i> , 2015 , 27, 624-35	3.8	48
147	Sex differences and effects of prenatal exposure to excess testosterone on ventral tegmental area dopamine neurons in adult sheep. <i>European Journal of Neuroscience</i> , 2015 , 41, 1157-66	3.5	15
146	Neural mechanisms controlling seasonal reproduction: principles derived from the sheep model and its comparison with hamsters. <i>Frontiers in Neuroendocrinology</i> , 2015 , 37, 43-51	8.9	45
145	Endogenous opioid-induced neuroplasticity of dopaminergic neurons in the ventral tegmental area influences natural and opiate reward. <i>Journal of Neuroscience</i> , 2014 , 34, 8825-36	6.6	36
144	Insulin: its role in the central control of reproduction. <i>Physiology and Behavior</i> , 2014 , 133, 197-206	3.5	52
143	A role for neurokinin B in pulsatile GnRH secretion in the ewe. <i>Neuroendocrinology</i> , 2014 , 99, 18-32	5.6	59
142	Neurokinin-3 receptor activation in the retrochiasmatic area is essential for the full pre-ovulatory luteinising hormone surge in ewes. <i>Journal of Neuroendocrinology</i> , 2014 , 26, 776-84	3.8	20
141	Unraveling the Mechanism of Action of the GnRH Pulse Generator: A Possible Role for Kisspeptin/Neurokinin B/Dynorphin (KNDy) Neurons 2014 , 133-152		4
140	The impact of pre-matriculation summer educational enrichment program on student performance in medical gross anatomy course (534.6). <i>FASEB Journal</i> , 2014 , 28, 534.6	0.9	
139	Kisspeptin, neurokinin B, and dynorphin act in the arcuate nucleus to control activity of the GnRH pulse generator in ewes. <i>Endocrinology</i> , 2013 , 154, 4259-69	4.8	145
138	Evidence that orphanin FQ mediates progesterone negative feedback in the ewe. <i>Endocrinology</i> , 2013 , 154, 4249-58	4.8	11
137	Natural and drug rewards act on common neural plasticity mechanisms with FosB as a key mediator. <i>Journal of Neuroscience</i> , 2013 , 33, 3434-42	6.6	88
136	Neuroanatomy of the kisspeptin signaling system in mammals: comparative and developmental aspects. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 784, 27-62	3.6	103
135	NMDA and PACAP receptor signaling interact to mediate retinal-induced scn cellular rhythmicity in the absence of light. <i>PLoS ONE</i> , 2013 , 8, e76365	3.7	14
134	The transcription factor Runx2 is under circadian control in the suprachiasmatic nucleus and functions in the control of rhythmic behavior. <i>PLoS ONE</i> , 2013 , 8, e54317	3.7	25
133	A pivotal role of lumbar spinothalamic cells in the regulation of ejaculation via intraspinal connections. <i>Journal of Sexual Medicine</i> , 2012 , 9, 2256-65	1.1	39
132	Activation of gastrin-releasing peptide receptors in the lumbosacral spinal cord is required for ejaculation in male rats. <i>Journal of Sexual Medicine</i> , 2012 , 9, 1303-18	1.1	25

131	Evidence that dopamine acts via kisspeptin to hold GnRH pulse frequency in check in anestrus ewes. <i>Endocrinology</i> , 2012 , 153, 5918-27	4.8	54
130	Kisspeptin neurons from mice to men: similarities and differences. <i>Endocrinology</i> , 2012 , 153, 5105-18	4.8	78
129	KNDy (kisspeptin/neurokinin B/dynorphin) neurons are activated during both pulsatile and surge secretion of LH in the ewe. <i>Endocrinology</i> , 2012 , 153, 5406-14	4.8	98
128	Photic sensitivity for circadian response to light varies with photoperiod. <i>Journal of Biological Rhythms</i> , 2012 , 27, 308-18	3.2	32
127	Natural reward experience alters AMPA and NMDA receptor distribution and function in the nucleus accumbens. <i>PLoS ONE</i> , 2012 , 7, e34700	3.7	41
126	Lesions of orexin neurons block conditioned place preference for sexual behavior in male rats. <i>Hormones and Behavior</i> , 2011 , 59, 1-8	3.7	39
125	Artificial feeding synchronizes behavioral, hormonal, metabolic and neural parameters in mother-deprived neonatal rabbit pups. <i>European Journal of Neuroscience</i> , 2011 , 34, 1807-16	3.5	23
124	Prenatal programming by testosterone of hypothalamic metabolic control neurones in the ewe. <i>Journal of Neuroendocrinology</i> , 2011 , 23, 401-11	3.8	34
123	Activation of NMDA receptors in lumbar spinothalamic cells is required for ejaculation. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1015-26	1.1	23
122	Evidence that the arcuate nucleus is an important site of progesterone negative feedback in the ewe. <i>Endocrinology</i> , 2011 , 152, 3451-60	4.8	35
121	Molecular mapping of the neural pathways linking leptin to the neuroendocrine reproductive axis. <i>Endocrinology</i> , 2011 , 152, 2302-10	4.8	135
120	Concurrent exposure to methamphetamine and sexual behavior enhances subsequent drug reward and causes compulsive sexual behavior in male rats. <i>Journal of Neuroscience</i> , 2011 , 31, 16473-82	6.6	24
119	Orphanin FQ Cells of the Ovine Hypothalamus Express Estradiol Receptor-Alpha and Progesterone Receptors, but Not Kisspeptin or Tyrosine Hydroxylase.. <i>Biology of Reproduction</i> , 2011 , 85, 603-603	3.9	1
118	BosB in the nucleus accumbens is critical for reinforcing effects of sexual reward. <i>Genes, Brain and Behavior</i> , 2010 , 9, 831-40	3.6	68
117	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. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 1-12	3.8	132
116	Neural systems mediating seasonal breeding in the ewe. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 674-81	3.8	45
115	Neuronal plasticity and seasonal reproduction in sheep. <i>European Journal of Neuroscience</i> , 2010 , 32, 2153-64	3.6	28
114	Neurokinin B acts via the neurokinin-3 receptor in the retrochiasmatic area to stimulate luteinizing hormone secretion in sheep. <i>Endocrinology</i> , 2010 , 151, 3836-46	4.8	133

113	The kisspeptin/neurokinin B/dynorphin (KNDy) cell population of the arcuate nucleus: sex differences and effects of prenatal testosterone in sheep. <i>Endocrinology</i> , 2010 , 151, 301-11	4.8	211
112	Neuroplasticity in the mesolimbic system induced by natural reward and subsequent reward abstinence. <i>Biological Psychiatry</i> , 2010 , 67, 872-9	7.9	84
111	Lesions of the medial prefrontal cortex cause maladaptive sexual behavior in male rats. <i>Biological Psychiatry</i> , 2010 , 67, 1199-204	7.9	37
110	Methamphetamine acts on subpopulations of neurons regulating sexual behavior in male rats. <i>Neuroscience</i> , 2010 , 166, 771-84	3.9	35
109	Orexin mediates initiation of sexual behavior in sexually naive male rats, but is not critical for sexual performance. <i>Hormones and Behavior</i> , 2010 , 58, 397-404	3.7	26
108	Minireview: kisspeptin/neurokinin B/dynorphin (KNDy) cells of the arcuate nucleus: a central node in the control of gonadotropin-releasing hormone secretion. <i>Endocrinology</i> , 2010 , 151, 3479-89	4.8	552
107	Effects of methamphetamine on sexual performance and compulsive sex behavior in male rats. <i>Psychopharmacology</i> , 2010 , 212, 93-104	4.7	23
106	Anatomy of the kisspeptin neural network in mammals. <i>Brain Research</i> , 2010 , 1364, 90-102	3.7	116
105	Activation of MAP kinase in lumbar spinothalamic cells is required for ejaculation. <i>Journal of Sexual Medicine</i> , 2010 , 7, 2445-57	1.1	18
104	Diurnal variations in natural and drug reward, mesolimbic tyrosine hydroxylase, and clock gene expression in the male rat. <i>Journal of Biological Rhythms</i> , 2009 , 24, 465-76	3.2	84
103	Estradiol negative feedback regulation by glutamatergic afferents to A15 dopaminergic neurons: variation with season. <i>Endocrinology</i> , 2009 , 150, 4663-71	4.8	14
102	Dynorphin immunoreactive fibers contact GnRH neurons in the human hypothalamus. <i>Reproductive Sciences</i> , 2009 , 16, 781-7	3	20
101	Bidirectional interactions between the circadian and reward systems: is restricted food access a unique zeitgeber?. <i>European Journal of Neuroscience</i> , 2009 , 30, 1739-48	3.5	57
100	Kisspeptin and seasonality in sheep. <i>Peptides</i> , 2009 , 30, 154-63	3.8	59
99	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. <i>Endocrinology</i> , 2008 , 149, 5770-82	4.8	298
98	Evidence that gamma-aminobutyric acid is part of the neural circuit mediating estradiol negative feedback in anestrus ewes. <i>Endocrinology</i> , 2008 , 149, 2762-72	4.8	12
97	Kisspeptin neurons in the arcuate nucleus of the ewe express both dynorphin A and neurokinin B. <i>Endocrinology</i> , 2007 , 148, 5752-60	4.8	503
96	Orphanin FQ: evidence for a role in the control of the reproductive neuroendocrine system. <i>Endocrinology</i> , 2007 , 148, 4993-5001	4.8	28

95	Morphological plasticity in the neural circuitry responsible for seasonal breeding in the ewe. <i>Endocrinology</i> , 2006 , 147, 4843-51	4.8	51
94	Suprachiasmatic regulation of circadian rhythms of gene expression in hamster peripheral organs: effects of transplanting the pacemaker. <i>Journal of Neuroscience</i> , 2006 , 26, 6406-12	6.6	138
93	Immunocytochemical colocalization of GABA-B receptor subunits in gonadotropin-releasing hormone neurons of the sheep. <i>Neuroscience</i> , 2006 , 141, 311-9	3.9	21
92	Colocalisation of dynorphin a and neurokinin B immunoreactivity in the arcuate nucleus and median eminence of the sheep. <i>Journal of Neuroendocrinology</i> , 2006 , 18, 534-41	3.8	94
91	Progesterone increases dynorphin a concentrations in cerebrospinal fluid and preprodynorphin messenger ribonucleic Acid levels in a subset of dynorphin neurons in the sheep. <i>Endocrinology</i> , 2005 , 146, 1835-42	4.8	86
90	Distribution of preprodynorphin mRNA and dynorphin-a immunoreactivity in the sheep preoptic area and hypothalamus. <i>Neuroscience</i> , 2005 , 130, 409-18	3.9	21
89	Neural system-enriched gene expression: relationship to biological pathways and neurological diseases. <i>Physiological Genomics</i> , 2004 , 18, 167-83	3.6	14
88	Evidence that dynorphin plays a major role in mediating progesterone negative feedback on gonadotropin-releasing hormone neurons in sheep. <i>Endocrinology</i> , 2004 , 145, 2959-67	4.8	180
87	Expression of haPer1 and haBmal1 in Syrian hamsters: heterogeneity of transcripts and oscillations in the periphery. <i>Journal of Biological Rhythms</i> , 2004 , 19, 113-25	3.2	34
86	The premammillary hypothalamic area of the ewe: anatomical characterization of a melatonin target area mediating seasonal reproduction. <i>Biology of Reproduction</i> , 2004 , 70, 1768-75	3.9	35
85	Activation of mu opioid receptors in the medial preoptic area following copulation in male rats. <i>Neuroscience</i> , 2004 , 124, 11-21	3.9	53
84	Seasonal plasticity within the gonadotropin-releasing hormone (GnRH) system of the ewe: changes in identified GnRH inputs and glial association. <i>Endocrinology</i> , 2003 , 144, 3663-76	4.8	98
83	The eye is necessary for a circadian rhythm in the suprachiasmatic nucleus. <i>Nature Neuroscience</i> , 2003 , 6, 111-2	25.5	119
82	The suprachiasmatic nucleus: a clock of multiple components. <i>Journal of Biological Rhythms</i> , 2003 , 18, 435-49	3.2	65
81	Colocalization of progesterone receptors in parvocellular dynorphin neurons of the ovine preoptic area and hypothalamus. <i>Endocrinology</i> , 2002 , 143, 4366-74	4.8	109
80	Biotinylated dextran amine as a marker for fetal hypothalamic homografts and their efferents. <i>Experimental Neurology</i> , 2002 , 174, 72-80	5.7	4
79	Neuroendocrine control of pulsatile GnRH secretion during the ovarian cycle: evidence from the ewe. <i>Reproduction Supplement</i> , 2002 , 59, 41-56		33
78	Seasonal plasticity in the brain: the use of large animal models for neuroanatomical research. <i>Reproduction Supplement</i> , 2002 , 59, 149-65		15

77	Ovarian estrogen receptor-beta (ERbeta) regulation: I. Changes in ERbeta messenger RNA expression prior to ovulation in the ewe. <i>Biology of Reproduction</i> , 2001 , 65, 866-72	3.9	21
76	Potential for polysialylated form of neural cell adhesion molecule-mediated neuroplasticity within the gonadotropin-releasing hormone neurosecretory system of the ewe. <i>Endocrinology</i> , 2001 , 142, 1317-24	4.8	36
75	Cold water swim stress increases the expression of neurotensin mRNA in the lateral hypothalamus and medial preoptic regions of the rat brain. <i>Molecular Brain Research</i> , 2001 , 86, 145-52		31
74	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. <i>Endocrinology</i> , 2000 , 141, 190-6	4.8	24
73	CSF signaling in physiology and behavior. <i>Progress in Brain Research</i> , 2000 , 125, 415-33	2.9	12
72	The suprachiasmatic nucleus and the circadian time-keeping system revisited. <i>Brain Research Reviews</i> , 2000 , 33, 34-77		223
71	A subset of gonadotropin-releasing hormone neurons in the ovine medial basal hypothalamus is activated during increased pulsatile luteinizing hormone secretion. <i>Endocrinology</i> , 1999 , 140, 5929-36	4.8	66
70	Effects of suprachiasmatic transplants on circadian rhythms of neuroendocrine function in golden hamsters. <i>Endocrinology</i> , 1999 , 140, 207-18	4.8	192
69	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. <i>Journal of Neuroscience Methods</i> , 1999 , 91, 1-8	3	30
68	Calbindin expression in the hamster SCN is influenced by circadian genotype and by photic conditions. <i>NeuroReport</i> , 1999 , 10, 3159-63	1.7	23
67	Multiple regulatory elements result in regional specificity in circadian rhythms of neuropeptide expression in mouse SCN. <i>NeuroReport</i> , 1999 , 10, 3165-74	1.7	77
66	Changes in hypothalamic estrogen receptor-containing cell numbers in response to feed restriction in the female lamb. <i>Neuroendocrinology</i> , 1999 , 69, 430-7	5.6	23
65	Herpes simplex virus as a transneuronal tracer. <i>Neuroscience and Biobehavioral Reviews</i> , 1998 , 22, 695-708	3.9	46
64	D1-dopamine receptor binding and tyrosine hydroxylase-immunoreactivity in the fetal and neonatal hamster suprachiasmatic nucleus. <i>Developmental Brain Research</i> , 1998 , 106, 137-44		23
63	Long-term effects of early cocaine exposure on the light responsiveness of the adult circadian timing system. <i>Neurotoxicology and Teratology</i> , 1998 , 20, 555-64	3.9	15
62	Fiber outgrowth from anterior hypothalamic and cortical xenografts in the third ventricle. <i>Journal of Comparative Neurology</i> , 1998 , 391, 133-45	3.4	14
61	Thyroid hormone receptor (alpha) distribution in hamster and sheep brain: colocalization in gonadotropin-releasing hormone and other identified neurons. <i>Endocrinology</i> , 1997 , 138, 5039-47	4.8	43
60	Regional differences in the distribution of gonadotropin-releasing hormone cells between rapidly growing and growth-restricted prepubertal female sheep. <i>Endocrinology</i> , 1997 , 138, 230-6	4.8	20

59	Evidence for seasonal plasticity in the gonadotropin-releasing hormone (GnRH) system of the ewe: changes in synaptic inputs onto GnRH neurons. <i>Endocrinology</i> , 1997 , 138, 1240-50	4.8	71
58	Altered hematopoiesis, behavior, and sexual function in mu opioid receptor-deficient mice. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1517-22	16.6	152
57	Identification and distribution of neuroendocrine gonadotropin-releasing hormone neurons in the ewe. <i>Biology of Reproduction</i> , 1997 , 56, 655-62	3.9	29
56	The GnRH system of seasonal breeders: anatomy and plasticity. <i>Brain Research Bulletin</i> , 1997 , 44, 445-57	3.9	65
55	Dopaminergic A14/A15 neurons are activated during estradiol negative feedback in anestrous, but not breeding season, ewes. <i>Endocrinology</i> , 1996 , 137, 4443-50	4.8	51
54	A subset of estrogen receptor-containing neurons project to the median eminence in the ewe. <i>Journal of Neuroendocrinology</i> , 1996 , 8, 921-7	3.8	22
53	A diffusible coupling signal from the transplanted suprachiasmatic nucleus controlling circadian locomotor rhythms. <i>Nature</i> , 1996 , 382, 810-3	50.4	634
52	Restoration of circadian rhythmicity by transplants of SCN "micropunches". <i>Journal of Biological Rhythms</i> , 1996 , 11, 163-71	3.2	41
51	Regulation of the phase and period of circadian rhythms restored by suprachiasmatic transplants. <i>Journal of Biological Rhythms</i> , 1996 , 11, 145-62	3.2	26
50	How do fetal grafts of the suprachiasmatic nucleus communicate with the host brain?. <i>Cell Transplantation</i> , 1995 , 4, 75-81	4	13
49	Single- and double-label immunocytochemical study of the ovine suprachiasmatic nucleus (SCN): GABAergic and peptidergic relationships. <i>Brain Research Bulletin</i> , 1994 , 34, 499-506	3.9	10
48	Age of donor influences ability of suprachiasmatic nucleus grafts to restore circadian rhythmicity. <i>Developmental Brain Research</i> , 1993 , 71, 45-52		13
47	Do gonadotropin-releasing hormone, tyrosine hydroxylase-, and beta-endorphin-immunoreactive neurons contain estrogen receptors? A double-label immunocytochemical study in the Suffolk ewe. <i>Endocrinology</i> , 1993 , 133, 887-95	4.8	208
46	Distribution of estrogen receptor-immunoreactive cells in the sheep brain. <i>Endocrinology</i> , 1993 , 133, 876-86	4.8	128
45	Fos expression during the estradiol-induced gonadotropin-releasing hormone (GnRH) surge of the ewe: induction in GnRH and other neurons. <i>Endocrinology</i> , 1993 , 133, 896-903	4.8	88
44	Characterization and regulation of pre-ovulatory secretion of gonadotrophin-releasing hormone. <i>Human Reproduction</i> , 1993 , 8 Suppl 2, 51-6	5.7	12
43	Effect of fetal striatal and astrocyte transplants into unilateral excitotoxin-lesioned striatum. <i>Journal of Neural Transplantation & Plasticity</i> , 1993 , 4, 279-87		9
42	Estrogen receptors in dendrites and axon terminals in the guinea pig hypothalamus. <i>Endocrinology</i> , 1992 , 131, 281-90	4.8	155

41	Human olfactory biopsy. The influence of age and receptor distribution. <i>JAMA Otolaryngology</i> , 1992 , 118, 731-8		134
40	GnRH neurons in the fetal lamb hypothalamus are similar in males and females. <i>Neuroendocrinology</i> , 1992 , 55, 427-33	5.6	32
39	Luteinizing hormone-releasing hormone in the pigeon terminal nerve and olfactory bulb. <i>Neuroscience Letters</i> , 1992 , 135, 201-4	3.3	12
38	Anterograde transport of HSV-1 and HSV-2 in the visual system. <i>Brain Research Bulletin</i> , 1992 , 28, 393-9	3.9	22
37	Behavioral effects of neural transplantation. <i>Cell Transplantation</i> , 1992 , 1, 401-27	4	17
36	Neurons that migrate from the olfactory epithelium in the chick express luteinizing hormone-releasing hormone. <i>Endocrinology</i> , 1991 , 128, 1676-8	4.8	106
35	Role of the thyroid gland in seasonal reproduction. III. Thyroidectomy blocks seasonal suppression of gonadotropin-releasing hormone secretion in sheep. <i>Endocrinology</i> , 1991 , 129, 1635-43	4.8	73
34	Citric acid-ammonium acetate buffer. <i>Biotechnic and Histochemistry</i> , 1991 , 1, 27-8	1.8	
33	Transplantation: a new tool in the analysis of the mammalian hypothalamic circadian pacemaker. <i>Trends in Neurosciences</i> , 1991 , 14, 362-6	13.3	41
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