

Allan E Herbison

List of Publications by Year in descending order

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9264

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319
times ranked

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#	ARTICLE	IF	CITATIONS
1	Activation of Gonadotropin-Releasing Hormone Neurons by Kisspeptin as a Neuroendocrine Switch for the Onset of Puberty. <i>Journal of Neuroscience</i> , 2005, 25, 11349-11356.	3.6	873
2	Postnatal Development of Kisspeptin Neurons in Mouse Hypothalamus; Sexual Dimorphism and Projections to Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2006, 147, 5817-5825.	2.8	716
3	Multimodal Influence of Estrogen upon Gonadotropin-Releasing Hormone Neurons. <i>Endocrine Reviews</i> , 1998, 19, 302-330.	20.1	527
4	Definition of Estrogen Receptor Pathway Critical for Estrogen Positive Feedback to Gonadotropin-Releasing Hormone Neurons and Fertility. <i>Neuron</i> , 2006, 52, 271-280.	8.1	503
5	Kisspeptinâ€GPR54 Signaling Is Essential for Preovulatory Gonadotropin-Releasing Hormone Neuron Activation and the Luteinizing Hormone Surge. <i>Journal of Neuroscience</i> , 2008, 28, 8691-8697.	3.6	410
6	Control of puberty onset and fertility by gonadotropin-releasing hormone neurons. <i>Nature Reviews Endocrinology</i> , 2016, 12, 452-466.	9.6	335
7	Leptin Indirectly Regulates Gonadotropin-Releasing Hormone Neuronal Function. <i>Endocrinology</i> , 2009, 150, 2805-2812.	2.8	324
8	Estrogen positive feedback to gonadotropin-releasing hormone (GnRH) neurons in the rodent: The case for the rostral periventricular area of the third ventricle (RP3V). <i>Brain Research Reviews</i> , 2008, 57, 277-287.	9.0	301
9	Novel role for anti-MÃ¼llerian hormone in the regulation of GnRH neuron excitability and hormone secretion. <i>Nature Communications</i> , 2016, 7, 10055.	12.8	284
10	Distribution of Kisspeptin Neurones in the Adult Female Mouse Brain. <i>Journal of Neuroendocrinology</i> , 2009, 21, 673-682.	2.6	271
11	Relationship of Neuronal Nitric Oxide Synthase Immunoreactivity to GnRH Neurons in the Ovariectomized and Intact Female Rat. <i>Journal of Neuroendocrinology</i> , 1996, 8, 73-82.	2.6	269
12	RFamide-Related Peptide-3, a Mammalian Gonadotropin-Inhibitory Hormone Ortholog, Regulates Gonadotropin-Releasing Hormone Neuron Firing in the Mouse. <i>Endocrinology</i> , 2009, 150, 2799-2804.	2.8	269
13	Definition of the hypothalamic GnRH pulse generator in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10216-E10223.	7.1	267
14	Distribution and Postnatal Development of Gpr54 Gene Expression in Mouse Brain and Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2010, 151, 312-321.	2.8	266
15	Localization of oestrogen receptors in preoptic neurons containing neurotensin but not tyrosine hydroxylase, cholecystokinin or luteinizing hormone-releasing hormone in the male and female rat. <i>Neuroscience</i> , 1992, 50, 283-298.	2.3	256
16	New Evidence for Estrogen Receptors in Gonadotropin-Releasing Hormone Neurons. <i>Frontiers in Neuroendocrinology</i> , 2001, 22, 292-308.	5.2	233
17	Kisspeptin Excites Gonadotropin-Releasing Hormone Neurons through a Phospholipase C/Calcium-Dependent Pathway Regulating Multiple Ion Channels. <i>Endocrinology</i> , 2008, 149, 4605-4614.	2.8	231
18	Distribution of Estrogen Receptor-Immunoreactive Cells in the Preoptic Area of the Ewe: Co-Localization with Glutamic Acid Decarboxylase but Not Luteinizing Hormone-Releasing Hormone. <i>Neuroendocrinology</i> , 1993, 57, 751-759.	2.5	213

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19	Depolarising and Hyperpolarising Actions of GABAA Receptor Activation on Gonadotrophin-Releasing Hormone Neurones: Towards an Emerging Consensus. <i>Journal of Neuroendocrinology</i> , 2011, 23, 557-569.	2.6	209
20	Estrogen Receptor $\hat{1}^2$ Mediates Rapid Estrogen Actions on Gonadotropin-Releasing Hormone Neurons<i>In Vivo</i>. <i>Journal of Neuroscience</i> , 2003, 23, 5771-5777.	3.6	202
21	Postnatal Development of an Estradiol-Kisspeptin Positive Feedback Mechanism Implicated in Puberty Onset. <i>Endocrinology</i> , 2009, 150, 3214-3220.	2.8	199
22	Gonadotropin-Releasing Hormone Neuron Requirements for Puberty, Ovulation, and Fertility. <i>Endocrinology</i> , 2008, 149, 597-604.	2.8	195
23	Detection of Estrogen Receptor $\hat{1}\pm$ and $\hat{1}^2$ Messenger Ribonucleic Acids in Adult Gonadotropin-Releasing Hormone Neurons ¹ . <i>Endocrinology</i> , 1999, 140, 5195-5201.	2.8	193
24	Critical in Vivo Roles for Classical Estrogen Receptors in Rapid Estrogen Actions on Intracellular Signaling in Mouse Brain. <i>Endocrinology</i> , 2004, 145, 3055-3061.	2.8	191
25	Dependence of fertility on kisspeptin $\hat{1}\pm$ Gpr54 signaling at the GnRH neuron. <i>Nature Communications</i> , 2013, 4, 2492.	12.8	173
26	Cells Expressing RFamide-Related Peptide-1/3, the Mammalian Gonadotropin-Inhibitory Hormone Orthologs, Are Not Hypophysiotropic Neuroendocrine Neurons in the Rat. <i>Endocrinology</i> , 2009, 150, 1413-1420.	2.8	168
27	Identification and characterization of estrogen receptor $\hat{1}\pm$ -containing neurons projecting to the vicinity of the gonadotropin-releasing hormone perikarya in the rostral preoptic area of the rat. <i>Journal of Comparative Neurology</i> , 1999, 411, 346-358.	1.6	164
28	The Gonadotropin-Releasing Hormone Pulse Generator. <i>Endocrinology</i> , 2018, 159, 3723-3736.	2.8	162
29	Effect of GABA on GnRH Neurons Switches from Depolarization to Hyperpolarization at Puberty in the Female Mouse. <i>Endocrinology</i> , 2002, 143, 1459-1466.	2.8	157
30	Profiling neurotransmitter receptor expression in mouse gonadotropin-releasing hormone neurons using green fluorescent protein-promoter transgenics and microarrays. <i>Neuroscience</i> , 2005, 132, 703-712.	2.3	153
31	Selective optogenetic activation of arcuate kisspeptin neurons generates pulsatile luteinizing hormone secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13109-13114.	7.1	146
32	Direct Regulation of GnRH Neuron Excitability by Arcuate Nucleus POMC and NPY Neuron Neuropeptides in Female Mice. <i>Endocrinology</i> , 2012, 153, 5587-5599.	2.8	145
33	Conditional Viral Tract Tracing Delineates the Projections of the Distinct Kisspeptin Neuron Populations to Gonadotropin-Releasing Hormone (GnRH) Neurons in the Mouse. <i>Endocrinology</i> , 2015, 156, 2582-2594.	2.8	144
34	Fluctuating Estrogen and Progesterone Receptor Expression in Brainstem Norepinephrine Neurons through the Rat Estrous Cycle*. <i>Endocrinology</i> , 1999, 140, 3255-3263.	2.8	143
35	Distribution of prolactin $\hat{1}\pm$ -responsive neurons in the mouse forebrain. <i>Journal of Comparative Neurology</i> , 2010, 518, 92-102.	1.6	143
36	Estrogen Regulation of GABA Transmission in Rat Preoptic Area. <i>Brain Research Bulletin</i> , 1997, 44, 321-326.	3.0	141

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37	GnRH Neurons Elaborate a Long-Range Projection with Shared Axonal and Dendritic Functions. <i>Journal of Neuroscience</i> , 2013, 33, 12689-12697.	3.6	141
38	Projections of Arcuate Nucleus and Rostral Periventricular Kisspeptin Neurons in the Adult Female Mouse Brain. <i>Endocrinology</i> , 2011, 152, 2387-2399.	2.8	139
39	Endogenous GABA Release Inhibits the Firing of Adult Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2004, 145, 495-499.	2.8	137
40	Oestrogen, Kisspeptin, GPR54 and the Pre-ovulatory Luteinising Hormone Surge. <i>Journal of Neuroendocrinology</i> , 2009, 21, 305-311.	2.6	137
41	Pulse and Surge Profiles of Luteinizing Hormone Secretion in the Mouse. <i>Endocrinology</i> , 2016, 157, 4794-4802.	2.8	137
42	Neurokinin B Activates Arcuate Kisspeptin Neurons Through Multiple Tachykinin Receptors in the Male Mouse. <i>Endocrinology</i> , 2013, 154, 2750-2760.	2.8	134
43	Effects of Photoperiod on Estrogen Receptor, Tyrosine Hydroxylase, Neuropeptide Y, and δ^2 -Endorphin Immunoreactivity in the Ewe Hypothalamus. <i>Endocrinology</i> , 1997, 138, 2585-2595.	2.8	132
44	Promoter Transgenics Reveal Multiple Gonadotropin-Releasing Hormone-I-Expressing Cell Populations of Different Embryological Origin in Mouse Brain. <i>Journal of Neuroscience</i> , 1999, 19, 5955-5966.	3.6	127
45	Late postnatal reorganization of GABA _A receptor signalling in native GnRH neurons. <i>European Journal of Neuroscience</i> , 2000, 12, 3497-3504.	2.6	127
46	Postnatal Remodeling of Dendritic Structure and Spine Density in Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2006, 147, 3652-3661.	2.8	127
47	Biocytin Filling of Adult Gonadotropin-Releasing Hormone Neurons in Situ Reveals Extensive, Spiny, Dendritic Processes. <i>Endocrinology</i> , 2005, 146, 1163-1169.	2.8	125
48	Identification of Neurokinin B-Expressing Neurons as an Highly Estrogen-Receptive, Sexually Dimorphic Cell Group in the Ovine Arcuate Nucleus**This work was supported by the United Kingdom Biotechnology and Biological Sciences Research Council (to J.E.R. and A.E.H.) and a European Community Marie Curie Research Training Grant (to M.L.G.). <i>Endocrinology</i> , 2000, 141, 4218-4225.	2.8	124
49	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. <i>Molecular Metabolism</i> , 2016, 5, 844-857.	6.5	123
50	Prolactin Regulation of Gonadotropin-Releasing Hormone Neurons to Suppress Luteinizing Hormone Secretion in Mice. <i>Endocrinology</i> , 2007, 148, 4344-4351.	2.8	122
51	Dendro-dendritic bundling and shared synapses between gonadotropin-releasing hormone neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10835-10840.	7.1	121
52	Differential Expression of Estrogen Receptor α and β ; Immunoreactivity by Oxytocin Neurons of Rat Paraventricular Nucleus. <i>Journal of Neuroendocrinology</i> , 1997, 9, 803-806.	2.6	118
53	Female sexual behavior in mice is controlled by kisspeptin neurons. <i>Nature Communications</i> , 2018, 9, 400.	12.8	116
54	Critical Role for Estrogen Receptor α in Negative Feedback Regulation of Gonadotropin-Releasing Hormone mRNA Expression in the Female Mouse. <i>Neuroendocrinology</i> , 2003, 78, 204-209.	2.5	108

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55	Frequency-Dependent Recruitment of Fast Amino Acid and Slow Neuropeptide Neurotransmitter Release Controls Gonadotropin-Releasing Hormone Neuron Excitability. <i>Journal of Neuroscience</i> , 2011, 31, 2421-2430.	3.6	108
56	Gonadotropin-Releasing Hormone Neurons Extend Complex Highly Branched Dendritic Trees Outside the Blood-Brain Barrier. <i>Endocrinology</i> , 2011, 152, 3832-3841.	2.8	106
57	Neurobiological mechanisms underlying kisspeptin activation of gonadotropin-releasing hormone (GnRH) neurons at puberty. <i>Molecular and Cellular Endocrinology</i> , 2010, 324, 45-50.	3.2	104
58	Physiology of the Gonadotropin-Releasing Hormone Neuronal Network. , 2006, , 1415-1482.		103
59	Differential expression of estrogen receptor and neuropeptide Y by brainstem A1 and A2 noradrenaline neurons. <i>Neuroscience</i> , 1997, 76, 517-529.	2.3	98
60	Heterogeneity in the Basic Membrane Properties of Postnatal Gonadotropin-Releasing Hormone Neurons in the Mouse. <i>Journal of Neuroscience</i> , 2001, 21, 1067-1075.	3.6	98
61	Development of GABA and glutamate signaling at the GnRH neuron in relation to puberty. <i>Molecular and Cellular Endocrinology</i> , 2006, 254-255, 32-38.	3.2	98
62	Identification of estrogen receptor-containing neurons projecting to the rat supraoptic nucleus. <i>Neuroscience</i> , 1997, 78, 215-228.	2.3	95
63	Long-term plasticity of postsynaptic GABA _A -receptor function in the adult brain: insights from the oxytocin neurone. <i>Trends in Neurosciences</i> , 2000, 23, 190-195.	8.6	95
64	Glutamate regulation of GnRH neuron excitability. <i>Brain Research</i> , 2010, 1364, 35-43.	2.2	95
65	Dual Phenotype Kisspeptin-Dopamine Neurones of the Rostral Periventricular Area of the Third Ventricle Project to Gonadotrophin-Releasing Hormone Neurones. <i>Journal of Neuroendocrinology</i> , 2011, 23, 293-301.	2.6	89
66	Physiology of the Adult Gonadotropin-Releasing Hormone Neuronal Network. , 2015, , 399-467.		88
67	Two Slow Calcium-Activated Afterhyperpolarization Currents Control Burst Firing Dynamics in Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 6214-6224.	3.6	87
68	Developmental sex differences in amino acid neurotransmitter levels in hypothalamic and limbic areas of rat brain. <i>Neuroscience</i> , 1999, 90, 1471-1482.	2.3	86
69	Roles for Oestrogen Receptor $\hat{1}^2$ in Adult Brain Function. <i>Journal of Neuroendocrinology</i> , 2012, 24, 160-173.	2.6	85
70	Hypothalamic control of the male neonatal testosterone surge. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150115.	4.0	85
71	Plasticity in GABA _A Receptor Subunit mRNA Expression by Hypothalamic Magnocellular Neurons in the Adult Rat. <i>Journal of Neuroscience</i> , 1996, 16, 4872-4880.	3.6	84
72	Spontaneous Kisspeptin Neuron Firing in the Adult Mouse Reveals Marked Sex and Brain Region Differences but No Support for a Direct Role in Negative Feedback. <i>Endocrinology</i> , 2012, 153, 5384-5393.	2.8	84

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73	Expression of mRNAs Encoding Receptors That Mediate Stress Signals in Gonadotropin-Releasing Hormone Neurons of the Mouse. <i>Neuroendocrinology</i> , 2005, 82, 320-328.	2.5	83
74	GnRH Pulse Generator Activity Across the Estrous Cycle of Female Mice. <i>Endocrinology</i> , 2019, 160, 1480-1491.	2.8	82
75	Distribution of Estrogen Receptor-Immunoreactive Cells in Monkey Hypothalamus: Relationship to Neurones Containing Luteinizing Hormone-Releasing Hormone and Tyrosine Hydroxylase. <i>Neuroendocrinology</i> , 1995, 61, 1-10.	2.5	81
76	Androgen Receptor-Immunoreactive Cells in Ram Hypothalamus: Distribution and Co-Localization Patterns with Gonadotropin-Releasing Hormone, Somatostatin and Tyrosine Hydroxylase. <i>Neuroendocrinology</i> , 1996, 63, 120-131.	2.5	80
77	Dopamine Regulation of Gonadotropin-Releasing Hormone Neuron Excitability in Male and Female Mice. <i>Endocrinology</i> , 2013, 154, 340-350.	2.8	80
78	Expression of ESR1 in Glutamatergic and GABAergic Neurons Is Essential for Normal Puberty Onset, Estrogen Feedback, and Fertility in Female Mice. <i>Journal of Neuroscience</i> , 2015, 35, 14533-14543.	3.6	78
79	Differing, Spatially Restricted Roles of Ionotropic Glutamate Receptors in Regulating the Migration of GnRH Neurons during Embryogenesis. <i>Journal of Neuroscience</i> , 2001, 21, 934-943.	3.6	75
80	Detection of Estrogen Receptor α and β Messenger Ribonucleic Acids in Adult Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 1999, 140, 5195-5201.	2.8	74
81	Definition of Brainstem Afferents to Gonadotropin-Releasing Hormone Neurons in the Mouse Using Conditional Viral Tract Tracing. <i>Endocrinology</i> , 2007, 148, 5884-5890.	2.8	73
82	Nonclassical Estrogen Modulation of Presynaptic GABA Terminals Modulates Calcium Dynamics in Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2008, 149, 5335-5344.	2.8	72
83	Dominant Neuropeptide Cotransmission in Kisspeptin-GABA Regulation of GnRH Neuron Firing Driving Ovulation. <i>Journal of Neuroscience</i> , 2018, 38, 6310-6322.	3.6	72
84	Oestrogen Modulation of Excitatory A1 Noradrenergic Input to Rat Medial Preoptic Gamma Aminobutyric Acid Neurones Demonstrated by Microdialysis. <i>Neuroendocrinology</i> , 1990, 52, 161-168.	2.5	70
85	Major sex differences in non-genomic estrogen actions on intracellular signaling in mouse brain in vivo. <i>Neuroscience</i> , 2005, 131, 945-951.	2.3	70
86	Estrogen Permits Vasopressin Signaling in Preoptic Kisspeptin Neurons in the Female Mouse. <i>Journal of Neuroscience</i> , 2015, 35, 6881-6892.	3.6	70
87	Immunocytochemical Evidence for Oestrogen Receptors within GABA Neurones Located in the Perinuclear Zone of the Supraoptic Nucleus and GABAA Receptor $\alpha 2$ Subunits on Supraoptic Oxytocin Neurones. <i>Journal of Neuroendocrinology</i> , 1994, 6, 5-11.	2.6	67
88	Optogenetic activation of GnRH neurons reveals minimal requirements for pulsatile luteinizing hormone secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18387-18392.	7.1	66
89	<i>In Vivo</i> Recordings of GnRH Neuron Firing Reveal Heterogeneity and Dependence upon GABA _A Receptor Signaling. <i>Journal of Neuroscience</i> , 2013, 33, 9394-9401.	3.6	65
90	Oestrogenic activity of an environmentally persistent alkylphenol in the reproductive tract but not the brain of rodents. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 54, 7-9.	2.5	64

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91	PACAP neurons in the ventral premammillary nucleus regulate reproductive function in the female mouse. <i>ELife</i> , 2018, 7, .	6.0	64
92	Sexually Dimorphic Expression of Androgen Receptor Immunoreactivity by Somatostatin Neurones in Rat Hypothalamic Periventricular Nucleus and Bed Nucleus of the Stria Terminalis. <i>Journal of Neuroendocrinology</i> , 1995, 7, 543-553.	2.6	63
93	Kisspeptin neurons co-express met-enkephalin and galanin in the rostral periventricular region of the female mouse hypothalamus. <i>Journal of Comparative Neurology</i> , 2011, 519, 3456-3469.	1.6	63
94	Role of medial preoptic GABA neurones in regulating luteinising hormone secretion in the ovariectomised rat. <i>Experimental Brain Research</i> , 1991, 87, 345-52.	1.5	62
95	Profile of Monoamine and Excitatory Amino Acid Release in Rat Supraoptic Nucleus over Parturition. <i>Endocrinology</i> , 1997, 138, 33-40.	2.8	61
96	Cell Type-Specific Expression of a Genetically Encoded Calcium Indicator Reveals Intrinsic Calcium Oscillations in Adult Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 860-867.	3.6	61
97	Electrical and Morphological Characteristics of Anteroventral Periventricular Nucleus Kisspeptin and Other Neurons in the Female Mouse. <i>Endocrinology</i> , 2010, 151, 2223-2232.	2.8	61
98	A simple model of estrous cycle negative and positive feedback regulation of GnRH secretion. <i>Frontiers in Neuroendocrinology</i> , 2020, 57, 100837.	5.2	60
99	Small-Conductance Calcium-Activated Potassium Channels Control Excitability and Firing Dynamics in Gonadotropin-Releasing Hormone (GnRH) Neurons. <i>Endocrinology</i> , 2008, 149, 3598-3604.	2.8	59
100	Expression of glutamic acid decarboxylase messenger RNA in rat medial preoptic area neurones during the oestrous cycle and after ovariectomy. <i>Molecular Brain Research</i> , 1992, 14, 310-316.	2.3	58
101	Sex differences in the regulation of tyrosine hydroxylase gene transcription by estrogen in the locus coeruleus of TH9-LacZ transgenic mice. <i>Molecular Brain Research</i> , 2002, 104, 220-226.	2.3	58
102	Localization of neuronal nitric oxide synthase-immunoreactivity within sub-populations of noradrenergic A1 and A2 neurons in the rat. <i>Brain Research</i> , 1996, 732, 247-252.	2.2	57
103	Activation of arcuate nucleus GABA neurons promotes luteinizing hormone secretion and reproductive dysfunction: Implications for polycystic ovary syndrome. <i>EBioMedicine</i> , 2019, 44, 582-596.	6.1	57
104	Molecular and cellular properties of GnRH neurons revealed through transgenics in the mouse. <i>Molecular and Cellular Endocrinology</i> , 2001, 185, 185-194.	3.2	56
105	Characterization of GnRH Pulse Generator Activity in Male Mice Using GCaMP Fiber Photometry. <i>Endocrinology</i> , 2019, 160, 557-567.	2.8	56
106	Profiling $\hat{3}$ -Aminobutyric Acid (GABA _A) Receptor Subunit mRNA Expression in Postnatal Gonadotropin-Releasing Hormone (GnRH) Neurons of the Male Mouse with Single Cell RT-PCR. <i>Neuroendocrinology</i> , 2001, 74, 300-308.	2.5	54
107	Estrogen-Negative Feedback and Estrous Cyclicity Are Critically Dependent Upon Estrogen Receptor- $\hat{1}$ Expression in the Arcuate Nucleus of Adult Female Mice. <i>Endocrinology</i> , 2014, 155, 2986-2995.	2.8	54
108	Sexual Differentiation of the Brain Requires Perinatal Kisspeptin-GnRH Neuron Signaling. <i>Journal of Neuroscience</i> , 2014, 34, 15297-15305.	3.6	54

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109	Disruption of Ephrin Signaling Associates with Disordered Axophilic Migration of the Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 3142-3150.	3.6	53
110	Dendritic Action Potential Initiation in Hypothalamic Gonadotropin-Releasing Hormone Neurons. <i>Endocrinology</i> , 2008, 149, 3355-3360.	2.8	53
111	Differential Changes in Responses of Hypothalamic and Brainstem Neuronal Populations to Prolactin During Lactation in the Mouse. <i>Biology of Reproduction</i> , 2011, 84, 826-836.	2.7	53
112	Estrous Cycle Plasticity in the Hyperpolarization-Activated Current I_h Is Mediated by Circulating 17β -Estradiol in Preoptic Area Kisspeptin Neurons. <i>Journal of Neuroscience</i> , 2013, 33, 10828-10839.	3.6	53
113	Immunocytochemical Identification of Oestrogen Receptors in Preoptic Neurones Containing Calcitonin Gene-Related Peptide in the Male and Female Rat. <i>Neuroendocrinology</i> , 1992, 56, 761-764.	2.5	52
114	Localization of Estrogen-Receptive Neurons Projecting to the GnRH Neuron-Containing Rostral Preoptic Area of the Ewe. <i>Neuroendocrinology</i> , 1999, 70, 228-236.	2.5	52
115	Acute Action of Oestrogen on Medial Preoptic Gamma-Aminobutyric Acid Neurons: Correlation with Oestrogen Negative Feedback on Luteinizing Hormone Secretion. <i>Journal of Neuroendocrinology</i> , 1991, 3, 101-106.	2.6	51
116	Regulation of preoptic area gonadotrophin-releasing hormone (GnRH) mRNA expression by gonadal steroids in the long-term gonadectomized male rat. <i>Molecular Brain Research</i> , 1997, 47, 125-133.	2.3	51
117	Knockdown of GABAA Receptor Signaling in GnRH Neurons Has Minimal Effects upon Fertility. <i>Endocrinology</i> , 2010, 151, 4428-4436.	2.8	51
118	Electrical properties of kisspeptin neurons and their regulation of GnRH neurons. <i>Frontiers in Neuroendocrinology</i> , 2015, 36, 15-27.	5.2	51
119	Up-regulation of nitric oxide synthase messenger RNA in an integrated forebrain circuit involved in oxytocin secretion. <i>Neuroscience</i> , 1997, 77, 37-48.	2.3	50
120	Neuroendocrine control of gonadotropin-releasing hormone: Pulsatile and surge modes of secretion. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13094.	2.6	50
121	Estrogen Receptor Expression in Brainstem Noradrenergic Neurons of the Sheep. <i>Neuroendocrinology</i> , 1998, 67, 392-402.	2.5	48
122	Kisspeptin Regulation of Neuronal Activity throughout the Central Nervous System. <i>Endocrinology and Metabolism</i> , 2016, 31, 193.	3.0	48
123	Norepinephrine Suppresses Gonadotropin-Releasing Hormone Neuron Excitability in the Adult Mouse. <i>Endocrinology</i> , 2008, 149, 1129-1135.	2.8	47
124	Enhanced c-Fos expression in superior colliculus, paraventricular thalamus and septum during learning of cue-reward association. <i>Neuroscience</i> , 2010, 168, 706-714.	2.3	47
125	Changing patterns of Fos expression in brainstem catecholaminergic neurons during the rat oestrous cycle. <i>Brain Research</i> , 1995, 672, 68-76.	2.2	46
126	Effects of Neuron-Specific Estrogen Receptor (ER) α and ER β Deletion on the Acute Estrogen Negative Feedback Mechanism in Adult Female Mice. <i>Endocrinology</i> , 2014, 155, 1418-1427.	2.8	45

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127	Spike and Neuropeptide-Dependent Mechanisms Control GnRH Neuron Nerve Terminal Ca^{2+} over Diverse Time Scales. <i>Journal of Neuroscience</i> , 2017, 37, 3342-3351.	3.6	45
128	Fluctuating Estrogen and Progesterone Receptor Expression in Brainstem Norepinephrine Neurons through the Rat Estrous Cycle. <i>Endocrinology</i> , 1999, 140, 3255-3263.	2.8	45
129	Different dendritic domains of the GnRH neuron underlie the pulse and surge modes of GnRH secretion in female mice. <i>ELife</i> , 2020, 9, .	6.0	44
130	In vivo regulation of specific GABAA receptor subunit messenger rnas by increased gaba concentrations in rat brain. <i>Neuroscience</i> , 1996, 71, 661-670.	2.3	43
131	Direct Regulation of Postnatal GnRH Neurons by the Progesterone Derivative Allopregnanolone in the Mouse. <i>Endocrinology</i> , 2001, 142, 4448-4453.	2.8	43
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