Francis J Ebling

List of Publications by Year
in descending order

163 papers	7,403 citations	43973 48 h-index	66788 78 g-index
174 all docs	174 docs citations	174 times ranked	5484 citing authors

#	Article	IF	Citations
1	Methods for quantifying follicular numbers within the mouse ovary. Reproduction, 2004, 127, 569-580.	1.1	537
2	The role of glutamate in the photic regulation of the suprachiasmatic nucleus. Progress in Neurobiology, 1996, 50, 109-132.	2.8	306
3	Hypothalamic Thyroid Hormone Catabolism Acts as a Gatekeeper for the Seasonal Control of Body Weight and Reproduction. Endocrinology, 2007, 148, 3608-3617.	1.4	239
4	The neuroendocrine timing of puberty. Reproduction, 2005, 129, 675-683.	1.1	209
5	Metabolic Interfaces between Growth and Reproduction. I. Nutritional Modulation of Gonadotropin, Prolactin, and Growth Hormone Secretion in the Growth-Limited Female Lamb*. Endocrinology, 1989, 125, 342-350.	1.4	146
6	Thyroid Hormone and Seasonal Rhythmicity. Frontiers in Endocrinology, 2014, 5, 19.	1.5	143
7	Non-photic phase shifting of the circadian activity rhythm of Syrian hamsters: the relative potency of arousal and melatonin. Brain Research, 1992, 591, 20-26.	1.1	141
8	The circadian cycle of mPER clock gene products in the suprachiasmatic nucleus of the Siberian hamster encodes both daily and seasonal time. European Journal of Neuroscience, 2000, 12, 2856-2864.	1.2	136
9	Estrogenic Induction of Spermatogenesis in the Hypogonadal Mouse*. Endocrinology, 2000, 141, 2861-2869.	1.4	135
10	Disrupted seasonal biology impacts health, food security and ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151453.	1.2	130
11	Prokineticin receptor 2 (Prokr2) is essential for the regulation of circadian behavior by the suprachiasmatic nuclei. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 648-653.	3.3	128
12	The Role of N-Methyl-D-Aspartate-Type Glutamatergic Neurotransmission in the Photic Induction of Immediate-Early Gene Expression in the Suprachiasmatic Nuclei of the Syrian Hamster. Journal of Neuroendocrinology, 1991, 3, 641-652.	1.2	127
13	Entrainment of the Circadian System of Mammals by Nonphotic Cues. Chronobiology International, 1998, 15, 425-445.	0.9	110
14	The Regulation of Seasonal Changes in Food Intake and Body Weight. Journal of Neuroendocrinology, 2008, 20, 827-833.	1.2	109
15	Photoperiodic regulation of cellular retinoic acid-binding protein 1, GPR50 and nestin in tanycytes of the third ventricle ependymal layer of the Siberian hamster. Journal of Endocrinology, 2006, 191, 687-698.	1.2	99
16	Going Back to the Biology of FGF21: New Insights. Trends in Endocrinology and Metabolism, 2019, 30, 491-504.	3.1	98
17	Seasonal regulation of food intake and body weight in the male Siberian hamster: studies of hypothalamic orexin (hypocretin), neuropeptide Y (NPY) andpro-opiomelanocortin (POMC). European Journal of Neuroscience, 1999, 11, 3255-3264.	1.2	96
18	Metabolic Interfaces between Growth and Reproduction, III. Central Mechanisms Controlling Pulsatile Luteinizing Hormone Secretion in the Nutritionally Growth-Limited Female Lamb*. Endocrinology, 1990, 126, 2719-2727.	1.4	95

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19	Photoperiod differentially regulates gene expression rhythms in the rostral and caudal SCN. Current Biology, 2005, 15, R449-R450.	1.8	93
20	Blockade of Glutamatergic Neurotransmission in the Suprachiasmatic Nucleus Prevents Cellular and Behavioural Responses of the Circadian System to Light. European Journal of Neuroscience, 1992, 4, 673-679.	1.2	92
21	Effects of Manipulating Hypothalamic Triiodothyronine Concentrations on Seasonal Body Weight and Torpor Cycles in Siberian Hamsters. Endocrinology, 2012, 153, 101-112.	1.4	88
22	Photoperiodic Regulation of Hypothalamic Retinoid Signaling: Association of Retinoid X Receptor Î³ with Body Weight. Endocrinology, 2004, 145, 13-20.	1.4	86
23	Endogenous opioids and the control of seasonal LH secretion in Soay rams. Journal of Endocrinology, 1985, 107, 341-353.	1.2	85
24	Photoperiod regulates multiple gene expression in the suprachiasmatic nuclei and pars tuberalis of the Siberian hamster (Phodopus sungorus). European Journal of Neuroscience, 2005, 21, 2967-2974.	1.2	84
25	Photoperiodic Regulation of Leptin Resistance in the Seasonally Breeding Siberian Hamster (Phodopus) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	82
26	Photoperiodic Regulation of Histamine H3 Receptor and VGF Messenger Ribonucleic Acid in the Arcuate Nucleus of the Siberian Hamster. Endocrinology, 2005, 146, 1930-1939.	1.4	79
27	VGF-Derived Peptide, TLQP-21, Regulates Food Intake and Body Weight in Siberian Hamsters. Endocrinology, 2007, 148, 4044-4055.	1.4	79
28	An integrative view of mammalian seasonal neuroendocrinology. Journal of Neuroendocrinology, 2019, 31, e12729.	1.2	78
29	Photoperiodic Differences during Development in the Dwarf Hamsters Phodopus sungorus and Phodopus campbelli. General and Comparative Endocrinology, 1994, 95, 475-482.	0.8	76
30	Behavioural and neurochemical comparison of chronic intermittent cathinone, mephedrone and MDMA administration to the rat. European Neuropsychopharmacology, 2013, 23, 1085-1095.	0.3	73
31	Leptin Acts on Metabolism in a Photoperiod-Dependent Manner, But Has No Effect on Reproductive Function in the Seasonally Breeding Siberian Hamster (Phodopus sungorus)**This work was supported by a research grant awarded to A.S.I.L. and FRAC by the Biotechnology and Biological Sciences Research Council (United Kingdom) and a Biotechnology and Biological Sciences Research Council-supported Ph.D. studentship (to Z.A.) also supported in part by AstraZeneca Central Toxicology Laboratory (Cheshire, UK).. Endocrinology, 2000, 141, 4128-4135.	1.4	68
32	Gating of retinal inputs through the suprachiasmatic nucleus: Role of excitatory neurotransmission. Neurochemistry International, 1995, 27, 263-272.	1.9	64
33	On the value of seasonal mammals for identifying mechanisms underlying the control of food intake and body weight. Hormones and Behavior, 2014, 66, 56-65.	1.0	64
34	Î²-Endorphin Secretion in Rams Related to Season and Photoperiod. Endocrinology, 1987, 120, 809-818.	1.4	62
35	Hypothalamic control of seasonal changes in food intake and body weight. Frontiers in Neuroendocrinology, 2015, 37, 97-107.	2.5	62
36	Plasma prolactin and luteinizing hormone during photoperiodically induced testicular growth and regression in starlings (Sturnus vulgaris). General and Comparative Endocrinology, 1982, 48, 485-490.	0.8	61

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37	Prenatal Androgens Time Neuroendocrine Sexual Maturation*. Endocrinology, 1991, 128, 2457-2468.	1.4	59
38	Non-photic signalling in the suprachiasmatic nucleus. Biology of the Cell, 1997, 89, 495-503.	0.7	59
39	Distribution of N-methyld-aspartate (NMDA) receptor mRNAs in the rat suprachiasmatic nucleus. Brain Research, 1993, 632, 329-333.	1.1	58
40	Endogenous Opioid Regulation of Pulsatile Luteinizing Hormone Secretion during Sexual Maturation in the Female Sheep*. Endocrinology, 1989, 125, 369-383.	1.4	56
41	Prokineticin 2 Is a Hypothalamic Neuropeptide That Potently Inhibits Food Intake. Diabetes, 2010, 59, 397-406.	0.3	55
42	FGF21 Is an Insulin-Dependent Postprandial Hormone in Adult Humans. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3806-3813.	1.8	54
43	Estrogenic Induction of Spermatogenesis in the Hypogonadal Mouse. , 0, .		53
44	Seasonal Neuroendocrine Rhythms in the Male Siberian Hamster Persist After Monosodium Glutamateâ€Induced Lesions of the Arcuate Nucleus in the Neonatal Period. Journal of Neuroendocrinology, 1998, 10, 701-712.	1.2	52
45	Cocaine and Amphetamine-Regulated Transcript mRNA Regulation in the Hypothalamus in Lean and Obese Rodents. Journal of Neuroendocrinology, 2002, 14, 697-709.	1.2	51
46	Hypothalamic Ventricular Ependymal Thyroid Hormone Deiodinases Are an Important Element of Circannual Timing in the Siberian Hamster (Phodopus sungorus). PLoS ONE, 2013, 8, e62003.	1.1	51
47	Regional Distribution of Iodomelatonin Binding Sites within the Suprachiasmatic Nucleus of the Syrian Hamster and the Siberian Hamster. Journal of Neuroendocrinology, 1995, 7, 215-223.	1.2	50
48	Human 2D (index) and 4D (ring) finger lengths and ratios: crossâ€sectional data on linear growth patterns, sexual dimorphism and lateral asymmetry from 4 to 60 years of age. Journal of Anatomy, 2008, 213, 325-335.	0.9	49
49	Serotonergic antagonists impair arousal-induced phase shifts of the circadian system of the Syrian hamster. Brain Research, 1996, 709, 88-96.	1.1	48
50	Pineal melatonin rhythms and the timing of puberty in mammals. Experientia, 1989, 45, 946-954.	1.2	47
51	The neurobiology of reproductive development. NeuroReport, 2000, 11, R23-R33.	0.6	47
52	Endogenous opioid control of pulsatile LH secretion in rams: modulation by photoperiod and gonadal steroids. Journal of Endocrinology, 1987, 115, 425-438.	1.2	46
53	Tanycytes As Regulators of Seasonal Cycles in Neuroendocrine Function. Frontiers in Neurology, 2017, 8, 79.	1.1	45
54	Tanycytes and hypothalamic control of energy metabolism. Glia, 2018, 66, 1176-1184.	2.5	45

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55	Distribution of estrogen receptor-immunoreactive cells in the sheep brain. , 0, .		45
56	Prenatal Photoperiod Influences Neonatal Prolactin Secretion in the Sheep*. Endocrinology, 1989, 125, 384-391.	1.4	44
57	Gonadotrophin-releasing hormone drives melatonin receptor down-regulation in the developing pituitary gland. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2831-2835.	3.3	44
58	Innervation of Gonadotropin-Releasing Hormone Neurons by Peptidergic Neurons Conveying Circadian or Energy Balance Information in the Mouse. PLoS ONE, 2009, 4, e5322.	1.1	43
59	Metabolic Interfaces between Growth and Reproduction. II. Characterization of Changes in Messenger Ribonucleic Acid Concentrations of Gonadotropin Subunits, Growth Hormone, and Prolactin in Nutritionally Growth-Limited Lambs and the Differential Effects of Increased Nutrition*. Endocrinology, 1989, 125, 351-356.	1.4	42
60	Effects of N-Methyl-D-Aspartate (NMDA) on Seasonal Cycles of Reproduction, Body Weight and Pelage Colour in the Male Siberian Hamster. Journal of Neuroendocrinology, 1995, 7, 555-566.	1.2	42
61	Human 2D (index) and 4D (ring) digit lengths: their variation and relationships during the menstrual cycle. Journal of Anatomy, 2007, 211, 630-638.	0.9	40
62	Effects of estradiol and FSH on maturation of the testis in the hypogonadal (hpg) mouse. Reproductive Biology and Endocrinology, 2008, 6, 4.	1.4	39
63	Cessation of Long Day Melatonin Rhythms Time Puberty in a Short Day Breeder*. Endocrinology, 1988, 123, 1636-1641.	1.4	38
64	Testicular Regression in Pinealectomized Syrian Hamsters following Infusions of Melatonin Delivered on Non-Circadian Schedules1. Biology of Reproduction, 1993, 49, 666-674.	1.2	37
65	Chapter 11 Entrainment of the circadian clock. Progress in Brain Research, 1996, 111, 147-174.	0.9	37
66	Melatonin induces gene-specific effects on rhythmic mRNA expression in the pars tuberalis of the Siberian hamster (Phodopus sungorus). European Journal of Neuroscience, 2007, 25, 485-490.	1.2	37
67	Central administration of thyrotropin releasing hormone (TRH) and related peptides inhibits feeding behavior in the Siberian hamster. NeuroReport, 2003, 14, 687-691.	0.6	36
68	Appositions between cocaine and amphetamine-related transcript- and gonadotropin releasing hormone-immunoreactive neurons in the hypothalamus of the Siberian hamster. Neuroscience Letters, 2001, 314, 111-114.	1.0	35
69	Effects of Constant Darkness and Constant Light on Circadian Organization and Reproductive Responses in the Ram. Journal of Biological Rhythms, 1988, 3, 365-384.	1.4	34
70	Atypical development of Sertoli cells and impairment of spermatogenesis in the hypogonadal (hpg) mouse. Journal of Anatomy, 2005, 207, 797-811.	0.9	34
71	Thyrotrophin-Releasing Hormone Decreases Feeding and Increases Body Temperature, Activity and Oxygen Consumption in Siberian Hamsters. Journal of Neuroendocrinology, 2007, 19, 239-249.	1.2	33
72	Contribution of serotonin and dopamine to changes in core body temperature and locomotor activity in rats following repeated administration of mephedrone. Addiction Biology, 2016, 21, 1127-1139.	1.4	33

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73	Photoperiodic Regulation of Leptin Resistance in the Seasonally Breeding Siberian Hamster (Phodopus) Tj ETQq1 1 0.784314 rgBT /Ove		33
74	Non-Photic Circadian Entrainment in the Syrian Hamster Is Not Associated with Phosphorylation of the Transcriptional Regulator CREB within the Suprachiasmatic Nucleus, but Is Associated with Adrenocortical Activation. Neuroendocrinology, 1994, 59, 579-589.	1.2	32
75	Photoperiodic regulation of glycogen metabolism, glycolysis, and glutamine synthesis in tanycytes of the Siberian hamster suggests novel roles of tanycytes in hypothalamic function. Glia, 2011, 59, 1695-1705.	2.5	31
76	Antibody-Mediated Inhibition of the FGFR1c Isoform Induces a Catabolic Lean State in Siberian Hamsters. Current Biology, 2015, 25, 2997-3003.	1.8	31
77	Amplitude Modulation of the Nightly Melatonin Rise in the Neonatal Lamb and the Subsequent Timing of Puberty1. Biology of Reproduction, 1989, 40, 920-928.	1.2	30
78	A dual-immunocytochemical method to localize c-fos protein in specific neurons based on their content of neuropeptides and connectivity. Histochemistry, 1994, 101, 245-251.	1.9	30
79	Photoperiodic regulation of puberty in seasonal species. Molecular and Cellular Endocrinology, 2010, 324, 95-101.	1.6	30
80	Dual signal transduction pathways activated by TSH receptors in rat primary tanycyte cultures. Journal of Molecular Endocrinology, 2015, 54, 241-250.	1.1	30
81	Occlusion of the Melatonin-Free Interval Blocks the Short Day Gonadal Response of the Male Syrian Hamster to Programmed Melatonin Infusions of Necessary Duration and Amplitude. Journal of Neuroendocrinology, 1991, 3, 331-337.	1.2	29
82	Effects of photoperiod on daily locomotor activity, energy expenditure, and feeding behavior in a seasonal mammal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1409-R1416.	0.9	29
83	Exercise Training in Obese Rats Does Not Induce Browning at Thermoneutrality and Induces a Muscle-Like Signature in Brown Adipose Tissue. Frontiers in Endocrinology, 2020, 11, 97.	1.5	28
84	Pulsatile LH Secretion during Sexual Maturation in the Female Sheep: Photoperiodic Regulation in the Presence and Absence of Ovarian Steroid Feedback as Determined in the Same Individual. Neuroendocrinology, 1990, 52, 229-237.	1.2	27
85	Circadian and Photoperiodic Time Measurement in Male Syrian Hamsters Following Lesions of the Melatonin-Binding Sites of the Paraventricular Thalamus. Journal of Biological Rhythms, 1992, 7, 241-254.	1.4	27
86	Neurotrophic effects of BDNF on embryonic gonadotropin-releasing hormone (GnRH) neurons. European Journal of Neuroscience, 2004, 20, 338-344.	1.2	27
87	Role of VGF-Derived Peptides in the Control of Food Intake, Body Weight and Reproduction. Neuroendocrinology, 2008, 88, 80-87.	1.2	27
88	Increased Responses to the Actions of Fibroblast Growth Factor 21 on Energy Balance and Body Weight in a Seasonal Model of Adiposity. Journal of Neuroendocrinology, 2013, 25, 180-189.	1.2	27
89	Abnormal Clock Gene Expression and Locomotor Activity Rhythms in Two Month-Old Female APPSwe/PS1dE9 Mice. Current Alzheimer Research, 2017, 14, 850-860.	0.7	27
90	Metabolic Interfaces between Growth and Reproduction. IV. Chronic Pulsatile Administration of Growth Hormone and the Timing of Puberty in the Female Sheep*. Endocrinology, 1991, 129, 2024-2032.	1.4	26

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91	The Timing of Neuroendocrine Sexual Maturity in the Male Lamb by Photoperiod1. Biology of Reproduction, 1991, 45, 82-88.	1.2	26
92	Photoperiod Regulates the LH Response to Central Glutamatergic Stimulation in the Male Syrian Hamster. Journal of Neuroendocrinology, 1993, 5, 609-618.	1.2	25
93	Maternal Entrainment of the Developing Circadian System in the Siberian Hamster (<i>Phodopus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	25
94	Are Ambient Short-Day Cues Necessary for Puberty in a Short-Day Breeder?1. Biology of Reproduction, 1988, 38, 821-829.	1.2	24
95	LHRH and Î²-endorphin in the hypothalamus of the ram in relation to photoperiod and reproductive activity. Domestic Animal Endocrinology, 1987, 4, 149-156.	0.8	23
96	Timing of puberty by photoperiod. Reproduction, Nutrition, Development, 1988, 28, 349-364.	1.9	23
97	Sex Differences in Nutritional Modulation of Gonadotropin Secretion during Development: Studies in the Growth-Retarded Lamb1. Biology of Reproduction, 1991, 44, 632-639.	1.2	23
98	The Thyrotropinâ€Releasing Hormone Secretory System in the Hypothalamus of the Siberian Hamster in Long and Short Photoperiods. Journal of Neuroendocrinology, 2008, 20, 576-586.	1.2	23
99	Neuroendocrine responsiveness to light during the neonatal period in the sheep. Journal of Endocrinology, 1988, 119, 211-218.	1.2	22
100	Manipulations of Glutamatergic (N-Methyl-D-Aspartate Receptor) Neurotransmission Alter the Rate of Photoperiodically Regulated Sexual Maturation in the Male Siberian Hamster1. Biology of Reproduction, 1998, 58, 1-7.	1.2	21
101	RFAmide-Related Peptide: Another Sexy Peptide?. Endocrinology, 2008, 149, 899-901.	1.4	21
102	The Effect of Signal Frequency on the Gonadal Response of Male Syrian Hamsters to Programmed Melatonin Infusions. Journal of Neuroendocrinology, 1992, 4, 37-44.	1.2	20
103	Loss of prokineticin receptor 2 signaling predisposes mice to torpor. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1968-R1979.	0.9	20
104	Hypothalamic versus Pituitary Stimulation of Luteinizing Hormone Secretion in the Prepubertal Female Lamb. Neuroendocrinology, 1993, 57, 467-475.	1.2	19
105	Ontogeny of a Photic Response in the Suprachiasmatic Nucleus in the Siberian Hamster (Phodopus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	19
106	Feeding and behavioural effects of central administration of the melanocortin 3/4-R antagonist SHU9119 in obese and lean Siberian hamsters. Behavioural Brain Research, 2004, 152, 177-185.	1.2	18
107	Photoperiod Regulates Genes Encoding Melanocortin 3 and Serotonin Receptors and Secretogranins in the Dorsomedial Posterior Arcuate of the Siberian Hamster. Journal of Neuroendocrinology, 2009, 21, 123-131.	1.2	18
108	Estrogenic induction of spermatogenesis in the hypogonadal (hpg) mouse: role of androgens. Reproduction, 2005, 130, 643-654.	1.1	17

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109	Hypothalamic over-expression of VGF in the Siberian hamster increases energy expenditure and reduces body weight gain. PLoS ONE, 2017, 12, e0172724.	1.1	17
110	Decrease of food intake by MC4-R agonist MTII in Siberian hamsters in long and short photoperiods. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R227-R232.	0.9	16
111	Role of melanocortin in the long-term regulation of energy balance: Lessons from a seasonal model. Peptides, 2006, 27, 301-309.	1.2	16
112	Dual effects of fibroblast growth factor 21 on hepatic energy metabolism. Journal of Endocrinology, 2015, 227, 37-47.	1.2	16
113	FosB in the Suprachiasmatic Nucleus of the Syrian and Siberian Hamster. Brain Research Bulletin, 1996, 41, 257-268.	1.4	15
114	The hypogonadal (hpg) mouse as a model to investigate the estrogenic regulation of spermatogenesis. Human Fertility, 2006, 9, 127-135.	0.7	15
115	Shortâ€Days Induce Weight Loss in Siberian Hamsters Despite Overexpression of the Agoutiâ€Related Peptide Gene. Journal of Neuroendocrinology, 2010, 22, 564-575.	1.2	15
116	The Role of Hypothalamic Tri-Iodothyronine Availability in Seasonal Regulation of Energy Balance and Body Weight. Journal of Thyroid Research, 2011, 2011, 1-7.	0.5	15
117	The use of a viral 2A sequence for the simultaneous over-expression of both the vgf gene and enhanced green fluorescent protein (eGFP) in vitro and in vivo. Journal of Neuroscience Methods, 2015, 256, 22-29.	1.3	15
118	Glutamatergic Regulation of Gonadotropin Releasing Hormone mRNA Levels During Development in the Mouse. Journal of Neuroendocrinology, 2001, 12, 1027-1033.	1.2	14
119	Involvement of 5-HT2C Receptors in the Regulation of Food Intake in Siberian Hamsters. Journal of Neuroendocrinology, 2005, 17, 276-285.	1.2	14
120	The Value of Comparative Animal Research: Kroghâ€™s Principle Facilitates Scientific Discoveries. Policy Insights From the Behavioral and Brain Sciences, 2018, 5, 118-125.	1.4	14
121	Anatomical and functional characterisation of a dopaminergic system in the suprachiasmatic nucleus of the neonatal siberian hamster. Journal of Comparative Neurology, 1999, 408, 73-96.	0.9	13
122	The role of histamine 3 receptors in the control of food intake in a seasonal model of obesity: the Siberian hamster. Behavioural Pharmacology, 2009, 20, 155-165.	0.8	13
123	Photoperiodic regulation of FGF21 production in the Siberian hamster. Hormones and Behavior, 2014, 66, 180-185.	1.0	13
124	Eccentric exercise increases circulating fibroblast activation protein Î± but not bioactive fibroblast growth factor 21 in healthy humans. Experimental Physiology, 2018, 103, 876-883.	0.9	13
125	Resistance of gonadotropin-releasing hormone neurons to glutamatergic neurotoxicity. Brain Research Bulletin, 1998, 47, 575-584.	1.4	12
126	Thyroid hormone and vitamin D regulate VGF expression and promoter activity. Journal of Molecular Endocrinology, 2016, 56, 123-134.	1.1	12

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127	Effect of sodium 4-phenylbutyrate on Clenbuterol-mediated muscle growth. PLoS ONE, 2018, 13, e0201481.	1.1	12
128	Interscapular and Perivascular Brown Adipose Tissue Respond Differently to a Short-Term High-Fat Diet. Nutrients, 2019, 11, 1065.	1.7	12
129	Whole-body and adipose tissue-specific mechanisms underlying the metabolic effects of fibroblast growth factor 21 in the Siberian hamster. Molecular Metabolism, 2020, 31, 45-54.	3.0	12
130	Postpubertal Maturation of Endogenous Opioid Regulation of Luteinizing Hormone Secretion in the Female Sheep1. Biology of Reproduction, 1991, 44, 760-768.	1.2	11
131	Reduced adiposity attenuates FGF21 mediated metabolic improvements in the Siberian hamster. Scientific Reports, 2017, 7, 4238.	1.6	11
132	Photoperiodic changes in adiposity increase sensitivity of female Siberian hamsters to systemic VGF derived peptide TLQP-21. PLoS ONE, 2019, 14, e0221517.	1.1	11
133	Neonatal androgenization of hypogonadal (hpg) male mice does not abolish estradiol-induced FSH production and spermatogenesis. Reproductive Biology and Endocrinology, 2005, 3, 48.	1.4	10
134	Differential Testicular Gene Expression in Seasonal Fertility. Journal of Biological Rhythms, 2009, 24, 114-125.	1.4	10
135	Photoperiod Regulates vgf-Derived Peptide Processing in Siberian Hamsters. PLoS ONE, 2015, 10, e0141193.	1.1	10
136	Khat (Catha edulis) upregulates lipolytic genes in white adipose tissue of male obese mice (C57BL/6J). Journal of Ethnopharmacology, 2020, 262, 113187.	2.0	9
137	Entrainment of the Melatonin Rhythms in Early Postnatal Lambs and Their Mothers. Journal of Biological Rhythms, 1989, 4, 457-465.	1.4	8
138	Effect of Nutritional Repletion on Pituitary and Serum Follicle-Stimulating Hormone Isoform Distribution in Growth-Retarded Lambs 1. Biology of Reproduction, 1992, 46, 964-971.	1.2	8
139	Opioid Inhibition of Luteinizing Hormone Secretion Compared in Developing Male and Female Sheep. Neuroendocrinology, 1992, 56, 822-830.	1.2	8
140	Antibody-Mediated Targeting of the FGFR1c Isoform Increases Glucose Uptake in White and Brown Adipose Tissue in Male Mice. Endocrinology, 2017, 158, 3090-3096.	1.4	8
141	Hypothalamic Expression of Human Growth Hormone Induces Post-Pubertal Hypergonadotrophism in Male Transgenic Growth Retarded Rats. Journal of Neuroendocrinology, 2006, 18, 719-731.	1.2	7
142	Role of hypothalamic tanycytes in nutrient sensing and energy balance. Proceedings of the Nutrition Society, 2019, 78, 272-278.	0.4	7
143	Photoperiodically Induced Changes in Glutamatergic Stimulation of LH Secretion in Male Syrian Hamsters: Role of Circulating Testosterone and Endogenous Opioids. General and Comparative Endocrinology, 1994, 96, 50-62.	0.8	6
144	Seasonal Variation in the Daily Pattern of Plasma Melatonin in a Wild Mammal: The Mountain Hare (Lepus timidus). Journal of Pineal Research, 1989, 6, 157-167.	3.4	5

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145	Effect of adeno-associated virus (AAV)-mediated overexpression of PEPCK-M (Pck2) on Clenbuterol-induced muscle growth. PLoS ONE, 2019, 14, e0218970.	1.1	5
146	The neural basis of seasonal reproduction. Animal Research, 1992, 41, 239-246.	0.6	5
147	Conserved Expression of the Glutamate NMDA Receptor 1 Subunit Splice Variants during the Development of the Siberian Hamster Suprachiasmatic Nucleus. PLoS ONE, 2012, 7, e37496.	1.1	5
148	Hibernation Proteins: Preparing for Life in the Freezer. Cell, 2006, 125, 21-23.	13.5	4
149	Generation and phenotypic characterisation of a cytochrome P450 4x1 knockout mouse. PLoS ONE, 2017, 12, e0187959.	1.1	4
150	The Role of the Circadian System in Photoperiodic Time Measurement in Mammals. , 1995, , 95-105.		4
151	The role of a VGF derived peptide in the regulation of food intake in a seasonal rodent. Frontiers in Neuroendocrinology, 2006, 27, 5-6.	2.5	3
152	Histaminergic regulation of seasonal metabolic rhythms in Siberian hamsters. Physiology and Behavior, 2011, 103, 268-278.	1.0	3
153	Effect of AAV-mediated overexpression of ATF5 and downstream targets of an integrated stress response in murine skeletal muscle. Scientific Reports, 2021, 11, 19796.	1.6	3
154	Cold Exposure Drives Weight Gain and Adiposity following Chronic Suppression of Brown Adipose Tissue. International Journal of Molecular Sciences, 2022, 23, 1869.	1.8	3
155	Sex differences in emotionality in C3H/HeH mice, with hypogonadal mutant to distinguish activational effects of gonadal hormones. Physiology and Behavior, 2009, 96, 30-36.	1.0	2
156	Txnip, Tanycytes, and Torpor. Endocrinology, 2013, 154, 1970-1972.	1.4	2
157	Photoperiod-Induced Increases in Bone Mineral Apposition Rate in Siberian Hamsters and the Involvement of Seasonal Leptin Changes. Frontiers in Endocrinology, 2017, 8, 357.	1.5	2
158	Growth, nutrition and the neuroendocrine control of puberty in female sheep. Proceedings of the British Society of Animal Production (1972), 1991, 1991, 34-34.	0.0	1
159	Datalogging hamster activity rhythms. Journal of Biological Education, 1997, 31, 11-16.	0.8	1
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