Manuel Tena-Sempere

List of Publications by Year
in descending order

377 papers	25,342 citations	89 h-index	141 g-index
		4345	11282
392 all docs	392 docs citations	392 times ranked	15829 citing authors

#	Article	IF	Citations
1	European Consensus Statement on congenital hypogonadotropic hypogonadismâ€"pathogenesis, diagnosis and treatment. Nature Reviews Endocrinology, 2015, 11, 547-564.	4.3	664
2	Developmental and Hormonally Regulated Messenger Ribonucleic Acid Expression of KiSS-1 and Its Putative Receptor, GPR54, in Rat Hypothalamus and Potent Luteinizing Hormone-Releasing Activity of KiSS-1 Peptide. Endocrinology, 2004, 145, 4565-4574.	1.4	641
3	Kisspeptins and Reproduction: Physiological Roles and Regulatory Mechanisms. Physiological Reviews, 2012, 92, 1235-1316.	13.1	635
4	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. PLoS ONE, 2016, 11, e0154090.	1.1	511
5	Changes in Hypothalamic KiSS-1 System and Restoration of Pubertal Activation of the Reproductive Axis by Kisspeptin in Undernutrition. Endocrinology, 2005, 146, 3917-3925.	1.4	475
6	Sexual Differentiation of Kiss1 Gene Expression in the Brain of the Rat. Endocrinology, 2007, 148, 1774-1783.	1.4	422
7	Characterization of the Potent Luteinizing Hormone-Releasing Activity of KiSS-1 Peptide, the Natural Ligand of GPR54. Endocrinology, 2005, 146, 156-163.	1.4	412
8	Advanced vaginal opening and precocious activation of the reproductive axis by KiSS-1 peptide, the endogenous ligand of GPR54. Journal of Physiology, 2004, 561, 379-386.	1.3	403
9	Estradiol Regulates Brown Adipose Tissue Thermogenesis via Hypothalamic AMPK. Cell Metabolism, 2014, 20, 41-53.	7.2	342
10	Discovery of Potent Kisspeptin Antagonists Delineate Physiological Mechanisms of Gonadotropin Regulation. Journal of Neuroscience, 2009, 29, 3920-3929.	1.7	322
11	Novel Expression and Functional Role of Ghrelin in Rat Testis. Endocrinology, 2002, 143, 717-725.	1.4	302
12	New frontiers in kisspeptin/GPR54 physiology as fundamental gatekeepers of reproductive function. Frontiers in Neuroendocrinology, 2008, 29, 48-69.	2.5	287
13	Novel signals for the integration of energy balance and reproduction. Molecular and Cellular Endocrinology, 2006, 254-255, 127-132.	1.6	285
14	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. Hormone Research in Paediatrics, 2017, 88, 371-395.	0.8	282
15	Effects of KiSS-1 Peptide, the Natural Ligand of GPR54, on Follicle-Stimulating Hormone Secretion in the Rat. Endocrinology, 2005, 146, 1689-1697.	1.4	277
16	Regulation of Hypothalamic Expression of KiSS-1 and GPR54 Genes by Metabolic Factors: Analyses Using Mouse Models and a Cell Line. Endocrinology, 2007, 148, 4601-4611.	1.4	235
17	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. Nature Reviews Endocrinology, 2016, 12, 421-432.	4.3	227
18	Expression of KiSS-1 in Rat Ovary: Putative Local Regulator of Ovulation?. Endocrinology, 2006, 147, 4852-4862.	1.4	224

#	Article	IF	Citations
19	Interactions between kisspeptin and neurokinin B in the control of GnRH secretion in the female rat. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E202-E210.	1.8	222
20	Expression of Hypothalamic KiSS-1 System and Rescue of Defective Gonadotropic Responses by Kisspeptin in Streptozotocin-Induced Diabetic Male Rats. Diabetes, 2006, 55, 2602-2610.	0.3	217
21	Metabolic dysfunction in polycystic ovary syndrome: Pathogenic role of androgen excess and potential therapeutic strategies. Molecular Metabolism, 2020, 35, 100937.	3.0	217
22	Regulation of NKB Pathways and Their Roles in the Control of Kiss1 Neurons in the Arcuate Nucleus of the Male Mouse. Endocrinology, 2011, 152, 4265-4275.	1.4	211
23	Evidence for two distinct KiSS genes in non-placental vertebrates that encode kisspeptins with different gonadotropin-releasing activities in fish and mammals. Molecular and Cellular Endocrinology, 2009, 312, 61-71.	1.6	208
24	Leptin inhibits testosterone secretion from adult rat testis in vitro. Journal of Endocrinology, 1999, 161, 211-218.	1.2	194
25	The Mammalian Target of Rapamycin as Novel Central Regulator of Puberty Onset via Modulation of Hypothalamic Kiss1 System. Endocrinology, 2009, 150, 5016-5026.	1.4	194
26	Immunolocalization of Ghrelin and Its Functional Receptor, the Type 1a Growth Hormone Secretagogue Receptor, in the Cyclic Human Ovary. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 879-887.	1.8	191
27	Metabolic control of puberty: Roles of leptin and kisspeptins. Hormones and Behavior, 2013, 64, 187-194.	1.0	191
28	Effects of Ghrelin upon Gonadotropin-Releasing Hormone and Gonadotropin Secretion in Adult Female Rats: In vivo and in vitro Studies. Neuroendocrinology, 2005, 82, 245-255.	1.2	187
29	Regulation of Pituitary Cell Function by Adiponectin. Endocrinology, 2007, 148, 401-410.	1.4	185
30	Critical Roles of Kisspeptins in Female Puberty and Preovulatory Gonadotropin Surges as Revealed by a Novel Antagonist. Endocrinology, 2010, 151, 722-730.	1.4	185
31	Leptin in male reproduction: the testis paradigm. Molecular and Cellular Endocrinology, 2002, 188, 9-13.	1.6	177
32	Direct Pituitary Effects of Kisspeptin: Activation of Gonadotrophs and Somatotrophs and Stimulation of Luteinising Hormone and Growth Hormone Secretion. Journal of Neuroendocrinology, 2007, 19, 521-530.	1.2	177
33	A microRNA switch regulates the rise in hypothalamic GnRH production before puberty. Nature Neuroscience, 2016, 19, 835-844.	7.1	174
34	Expression of Ghrelin and Its Functional Receptor, the Type 1a Growth Hormone Secretagogue Receptor, in Normal Human Testis and Testicular Tumors. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 400-409.	1.8	173
35	Early Metabolic Programming of Puberty Onset: Impact of Changes in Postnatal Feeding and Rearing Conditions on the Timing of Puberty and Development of the Hypothalamic Kisspeptin System. Endocrinology, 2011, 152, 3396-3408.	1.4	169
36	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. Journal of Clinical Investigation, 2012, 122, 3900-3913.	3.9	168

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37	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell Metabolism, 2017, 26, 212-229.e12.	7.2	167
38	Stimulatory Effect of RFRP-3 on the Gonadotrophic Axis in the Male Syrian Hamster: The Exception Proves the Rule. Endocrinology, 2012, 153, 1352-1363.	1.4	165
39	GPR54 and kisspeptin in reproduction. Human Reproduction Update, 2006, 12, 631-639.	5.2	162
40	Metabolic control of puberty onset: New players, new mechanisms. Molecular and Cellular Endocrinology, 2010, 324, 87-94.	1.6	158
41	Expression of Ghrelin in the Cyclic and Pregnant Rat Ovary. Endocrinology, 2003, 144, 1594-1602.	1.4	155
42	Hypothalamic Expression of KiSS-1 System and Gonadotropin-Releasing Effects of Kisspeptin in Different Reproductive States of the Female Rat. Endocrinology, 2006, 147, 2864-2878.	1.4	155
43	Kisspeptin Signaling Is Indispensable for Neurokinin B, but not Glutamate, Stimulation of Gonadotropin Secretion in Mice. Endocrinology, 2012, 153, 316-328.	1.4	153
44	Influence of gender and menopausal status on gut microbiota. Maturitas, 2018, 116, 43-53.	1.0	153
45	Kisspeptins: Bridging energy homeostasis and reproduction. Brain Research, 2010, 1364, 129-138.	1.1	152
46	Comparative insights of the kisspeptin/kisspeptin receptor system: Lessons from non-mammalian vertebrates. General and Comparative Endocrinology, 2012, 175, 234-243.	0.8	151
47	Role of Neurokinin B in the Control of Female Puberty and Its Modulation by Metabolic Status. Journal of Neuroscience, 2012, 32, 2388-2397.	1.7	150
48	Ghrelin effects on gonadotropin secretion in male and female rats. Neuroscience Letters, 2004, 362, 103-107.	1.0	149
49	KiSS-1/kisspeptins and the metabolic control of reproduction: Physiologic roles and putative physiopathological implications. Peptides, 2009, 30, 139-145.	1.2	149
50	Ghrelin and reproduction: a novel signal linking energy status and fertility?. Molecular and Cellular Endocrinology, 2004, 226, 1-9.	1.6	148
51	Neuroendocrine control by kisspeptins: role in metabolic regulation of fertility. Nature Reviews Endocrinology, 2012, 8, 40-53.	4.3	147
52	KiSS-1 in the mammalian ovary: distribution of kisspeptin in human and marmoset and alterations in KiSS-1 mRNA levels in a rat model of ovulatory dysfunction. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E520-E531.	1.8	146
53	Ontogeny and mechanisms of action for the stimulatory effect of kisspeptin on gonadotropin-releasing hormone system of the rat. Molecular and Cellular Endocrinology, 2006, 257-258, 75-83.	1.6	139
54	Characterization of the inhibitory roles of RFRP3, the mammalian ortholog of GnIH, in the control of gonadotropin secretion in the rat: in vivo and in vitro studies. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E39-E46.	1.8	136

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55	Sex Steroids and the Control of the Kiss1 System: Developmental Roles and Major Regulatory Actions. Journal of Neuroendocrinology, 2012, 24, 22-33.	1.2	134
56	Cellular Location and Hormonal Regulation of Ghrelin Expression in Rat Testis1. Biology of Reproduction, 2002, 67, 1768-1776.	1.2	132
57	Comparative Analysis of the Effects of Ghrelin and Unacylated Ghrelin on Luteinizing Hormone Secretion in Male Rats. Endocrinology, 2006, 147, 2374-2382.	1.4	128
58	Effects of Chronic Hyperghrelinemia on Puberty Onset and Pregnancy Outcome in the Rat. Endocrinology, 2005, 146, 3018-3025.	1.4	126
59	The Anorexigenic Neuropeptide, Nesfatin-1, Is Indispensable for Normal Puberty Onset in the Female Rat. Journal of Neuroscience, 2010, 30, 7783-7792.	1.7	126
60	Defining a novel leptinâ€“melanocortinâ€“kisspeptin pathway involved in the metabolic control of puberty. Molecular Metabolism, 2016, 5, 844-857.	3.0	123
61	Molecular mechanisms of leptin action in adult rat testis: potential targets for leptin-induced inhibition of steroidogenesis and pattern of leptin receptor messenger ribonucleic acid expression. Journal of Endocrinology, 2001, 170, 413-423.	1.2	122
62	Novel Expression and Direct Effects of Adiponectin in the Rat Testis. Endocrinology, 2008, 149, 3390-3402.	1.4	122
63	Female reproduction and type 1 diabetes: from mechanisms to clinical findings. Human Reproduction Update, 2012, 18, 568-585.	5.2	122
64	Roles of Ghrelin and Leptin in the Control of Reproductive Function. Neuroendocrinology, 2007, 86, 229-241.	1.2	120
65	Kisspeptins in Reproductive Biology: Consensus Knowledge and Recent Developments1. Biology of Reproduction, 2011, 85, 650-660.	1.2	120
66	Persistent Impairment of Hypothalamic KiSS-1 System after Exposures to Estrogenic Compounds at Critical Periods of Brain Sex Differentiation. Endocrinology, 2009, 150, 2359-2367.	1.4	118
67	Leptin_{116â€“130} Stimulates Prolactin and Luteinizing Hormone Secretion in Fasted Adult Male Rats. Neuroendocrinology, 1999, 70, 213-220.	1.2	116
68	KiSS-1 and Reproduction: Focus on Its Role in the Metabolic Regulation of Fertility. Neuroendocrinology, 2006, 83, 275-281.	1.2	114
69	Expanding roles of NUCB2/nesfatin-1 in neuroendocrine regulation. Journal of Molecular Endocrinology, 2010, 45, 281-290.	1.1	113
70	Connecting metabolism and gonadal function: Novel central neuropeptide pathways involved in the metabolic control of puberty and fertility. Frontiers in Neuroendocrinology, 2018, 48, 37-49.	2.5	108
71	Assessment of Mechanisms of Thyroid Hormone Action in Mouse Leydig Cells: Regulation of the Steroidogenic Acute Regulatory Protein, Steroidogenesis, and Luteinizing Hormone Receptor Function**This investigation was supported in part by grants from the Sigrid Juselius Foundation, Academy of Finland, Foundation for the Finnish Cancer Societies (to I.T.H.), and NIH Grant (HD-1-7481) (to D.M.S.).. Endocrinology, 2001, 142, 319-331.	1.4	107
72	Changes in Hypothalamic Expression of the Lin28/let-7 System and Related MicroRNAs During Postnatal Maturation and After Experimental Manipulations of Puberty. Endocrinology, 2013, 154, 942-955.	1.4	105

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73	Connecting metabolism and reproduction: Roles of central energy sensors and key molecular mediators. Molecular and Cellular Endocrinology, 2014, 397, 4-14.	1.6	105
74	Intracellular signaling pathways activated by kisspeptins through GPR54: Do multiple signals underlie function diversity?. Peptides, 2009, 30, 10-15.	1.2	103
75	Estrogens and the control of energy homeostasis: a brain perspective. Trends in Endocrinology and Metabolism, 2015, 26, 411-421.	3.1	103
76	Sex Differences in the Gut Microbiota as Potential Determinants of Gender Predisposition to Disease. Molecular Nutrition and Food Research, 2019, 63, e1800870.	1.5	103
77	Effects of Single or Repeated Intravenous Administration of Kisspeptin upon Dynamic LH Secretion in Conscious Male Rats. Endocrinology, 2006, 147, 2696-2704.	1.4	102
78	Exploring the pathophysiology of hypogonadism in men with type 2 diabetes: Kisspeptinâ€10 stimulates serum testosterone and <scp>LH</scp> secretion in men with type 2 diabetes and mild biochemical hypogonadism. Clinical Endocrinology, 2013, 79, 100-104.	1.2	102
79	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. Cell Reports, 2016, 16, 2231-2242.	2.9	102
80	Hypothalamic mTOR Signaling Mediates the Orexigenic Action of Ghrelin. PLoS ONE, 2012, 7, e46923.	1.1	101
81	Molecular Mechanisms of Thyroid Hormone-stimulated Steroidogenesis in Mouse Leydig Tumor Cells. Journal of Biological Chemistry, 1999, 274, 5909-5918.	1.6	99
82	Novel expression of resistin in rat testis: functional role and regulation by nutritional status and hormonal factors. Journal of Cell Science, 2004, 117, 3247-3257.	1.2	99
83	Role of ghrelin in reproduction. Reproduction, 2007, 133, 531-540.	1.1	99
84	Analysis of the expression of neurokinin B, kisspeptin, and their cognate receptors NK3R and KISS1R in the human female genital tract. Fertility and Sterility, 2012, 97, 1213-1219.	0.5	99
85	The Integrated Hypothalamic Tachykinin-Kisspeptin System as a Central Coordinator for Reproduction. Endocrinology, 2015, 156, 627-637.	1.4	99
86	Ghrelin Inhibits the Proliferative Activity of Immature Leydig Cells in Vivo and Regulates Stem Cell Factor Messenger Ribonucleic Acid Expression in Rat Testis. Endocrinology, 2004, 145, 4825-4834.	1.4	98
87	Energy balance and puberty onset: emerging role of central mTOR signaling. Trends in Endocrinology and Metabolism, 2010, 21, 519-528.	3.1	96
88	Physiological Roles of Gonadotropin-Inhibitory Hormone Signaling in the Control of Mammalian Reproductive Axis: Studies in the NPFF1 Receptor Null Mouse. Endocrinology, 2014, 155, 2953-2965.	1.4	96
89	Cellular Distribution, Regulated Expression, and Functional Role of the Anorexigenic Peptide, NUCB2/Nesfatin-1, in the Testis. Endocrinology, 2012, 153, 1959-1971.	1.4	94
90	Hypothalamic mTOR pathway mediates thyroid hormoneâ€induced hyperphagia in hyperthyroidism. Journal of Pathology, 2012, 227, 209-222.	2.1	93

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91	Characterization of the Potent Gonadotropin-Releasing Activity of RF9, a Selective Antagonist of RF-Amide-Related Peptides and Neuropeptide FF Receptors: Physiological and Pharmacological Implications. Endocrinology, 2010, 151, 1902-1913.	1.4	90
92	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. Diabetes, 2017, 66, 87-99.	0.3	90
93	Kisspeptins and the control of gonadotropin secretion in male and female rodents. Peptides, 2009, 30, 57-66.	1.2	89
94	Neuroendocrine factors in the initiation of puberty: The emergent role of kisspeptin. Reviews in Endocrine and Metabolic Disorders, 2007, 8, 11-20.	2.6	87
95	Ghrelin as a pleotrophic modulator of gonadal function and reproduction. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 666-674.	2.9	86
96	Desensitization of gonadotropin responses to kisspeptin in the female rat: analyses of LH and FSH secretion at different developmental and metabolic states. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1088-E1096.	1.8	85
97	Opposite Roles of Estrogen Receptor (ER)-Î± and ERÎ² in the Modulation of Luteinizing Hormone Responses to Kisspeptin in the Female Rat: Implications for the Generation of the Preovulatory Surge. Endocrinology, 2008, 149, 1627-1637.	1.4	85
98	Kisspeptin Regulates Gonadotroph and Somatotroph Function in Nonhuman Primate Pituitary via Common and Distinct Signaling Mechanisms. Endocrinology, 2011, 152, 957-966.	1.4	85
99	Disentangling puberty: novel neuroendocrine pathways and mechanisms for the control of mammalian puberty. Human Reproduction Update, 2017, 23, 737-763.	5.2	85
100	Novel expression and functional role of ghrelin in chicken ovary. Molecular and Cellular Endocrinology, 2006, 257-258, 15-25.	1.6	84
101	SIRT1 mediates obesity- and nutrient-dependent perturbation of pubertal timing by epigenetically controlling Kiss1 expression. Nature Communications, 2018, 9, 4194.	5.8	84
102	Metabolic Programming of Puberty: Sexually Dimorphic Responses to Early Nutritional Challenges. Endocrinology, 2013, 154, 3387-3400.	1.4	83
103	Kisspeptin Receptor Haplo-insufficiency Causes Premature Ovarian Failure Despite Preserved Gonadotropin Secretion. Endocrinology, 2014, 155, 3088-3097.	1.4	83
104	Hypothalamic mTOR: The Rookie Energy Sensor. Current Molecular Medicine, 2014, 14, 3-21.	0.6	82
105	KiSS-1 system and reproduction: Comparative aspects and roles in the control of female gonadotropic axis in mammals. General and Comparative Endocrinology, 2007, 153, 132-140.	0.8	80
106	Expression of Growth Hormone Secretagogue Receptor Type 1a, the Functional Ghrelin Receptor, in Human Ovarian Surface Epithelium, Mullerian Duct Derivatives, and Ovarian Tumors. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1798-1804.	1.8	77
107	Ghrelin and Reproduction: Ghrelin as Novel Regulator of the Gonadotropic Axis. Vitamins and Hormones, 2007, 77, 285-300.	0.7	77
108	Kisspeptin signaling in the brain: Recent developments and future challenges. Molecular and Cellular Endocrinology, 2010, 314, 164-169.	1.6	77

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109	<scp>KLB</scp> , encoding Î²â€Klotho, is mutated in patients with congenital hypogonadotropic hypogonadism. EMBO Molecular Medicine, 2017, 9, 1379-1397.	3.3	77
110	Developmental, Stage-Specific, and Hormonally Regulated Expression of Growth Hormone Secretagogue Receptor Messenger RNA in Rat Testis1. Biology of Reproduction, 2003, 68, 1631-1640.	1.2	76
111	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. Endocrinology, 2016, 157, 4888-4898.	1.4	76
112	Cross-talk between orexins (hypocretins) and the neuroendocrine axes (hypothalamicâ€“pituitary axes). Frontiers in Neuroendocrinology, 2010, 31, 113-127.	2.5	73
113	Alterations in Hypothalamic KiSS-1 System in Experimental Diabetes: Early Changes and Functional Consequences. Endocrinology, 2009, 150, 784-794.	1.4	72
114	Characterization of the kisspeptin system in human spermatozoa. Journal of Developmental and Physical Disabilities, 2012, 35, 63-73.	3.6	72
115	Orexin 1 Receptor Messenger Ribonucleic Acid Expression and Stimulation of Testosterone Secretion by Orexin-A in Rat Testis. Endocrinology, 2004, 145, 2297-2306.	1.4	71
116	Novel role of 26RFa, a hypothalamic RFamide orexigenic peptide, as putative regulator of the gonadotropic axis. Journal of Physiology, 2006, 573, 237-249.	1.3	71
117	Biological Role of Pituitary Estrogen Receptors ERÎ± and ERÎ² on Progesterone Receptor Expression and Action and on Gonadotropin and Prolactin Secretion in the Rat. Neuroendocrinology, 2004, 79, 247-258.	1.2	70
118	Pattern of Orexin Expression and Direct Biological Actions of Orexin-A in Rat Testis. Endocrinology, 2005, 146, 5164-5175.	1.4	70
119	Kisspeptin/GPR54 system as potential target for endocrine disruption of reproductive development and function. Journal of Developmental and Physical Disabilities, 2010, 33, 360-368.	3.6	69
120	Neurokinin B and the Control of the Gonadotropic Axis in the Rat: Developmental Changes, Sexual Dimorphism, and Regulation by Gonadal Steroids. Endocrinology, 2012, 153, 4818-4829.	1.4	69
121	Structure and expression of the rat relaxin-like factor (RLF) gene. Molecular Reproduction and Development, 1999, 54, 319-325.	1.0	68
122	Developmental and Hormonal Regulation of Leptin Receptor (Ob-R) Messenger Ribonucleic Acid Expression in Rat Testis1. Biology of Reproduction, 2001, 64, 634-643.	1.2	68
123	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. Cell Reports, 2018, 25, 413-423.e5.	2.9	68
124	Activation of Microglia in Specific Hypothalamic Nuclei and the Cerebellum of Adult Rats Exposed to Neonatal Overnutrition. Journal of Neuroendocrinology, 2011, 23, 365-370.	1.2	65
125	Loss of Ntrk2/Kiss1r Signaling in Oocytes Causes Premature Ovarian Failure. Endocrinology, 2014, 155, 3098-3111.	1.4	65
126	Neonatal exposure to estrogen differentially alters estrogen receptor alpha and beta mRNA expression in rat testis during postnatal development. Journal of Endocrinology, 2000, 165, 345-357.	1.2	64

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127	Hypothalamic AMP-activated protein kinase as a mediator of whole body energy balance. Reviews in Endocrine and Metabolic Disorders, 2011, 12, 127-140.	2.6	64
128	Perturbation of Hypothalamic MicroRNA Expression Patterns in Male Rats After Metabolic Distress: Impact of Obesity and Conditions of Negative Energy Balance. Endocrinology, 2014, 155, 1838-1850.	1.4	64
129	Sex differences, developmental changes, response to injury and cAMP regulation of the mRNA levels of steroidogenic acute regulatory protein, cytochrome p450scc, and aromatase in the olivocerebellar system. Journal of Neurobiology, 2006, 66, 308-318.	3.7	63
130	Direct Actions of Kisspeptins on GnRH Neurons Permit Attainment of Fertility but are Insufficient to Fully Preserve Gonadotropic Axis Activity. Scientific Reports, 2016, 6, 19206.	1.6	63
131	Novel mechanisms for the metabolic control of puberty: implications for pubertal alterations in early-onset obesity and malnutrition. Journal of Endocrinology, 2019, 242, R51-R65.	1.2	63
132	Molecular Cloning of the Mouse Follicle-Stimulating Hormone Receptor Complementary Deoxyribonucleic Acid: Functional Expression of Alternatively Spliced Variants and Receptor Inactivation by a C566T Transition in Exon 7 of the Coding Sequence1. Biology of Reproduction, 1999, 60, 1515-1527.	1.2	62
133	Roles of Leptin in Reproduction, Pregnancy and Polycystic Ovary Syndrome: Consensus Knowledge and Recent Developments. Metabolism: Clinical and Experimental, 2015, 64, 79-91.	1.5	61
134	Exploring the role of ghrelin as novel regulator of gonadal function. Growth Hormone and IGF Research, 2005, 15, 83-88.	0.5	59
135	Physiological Roles of the Kisspeptin/GPR54 System in the Neuroendocrine Control of Reproduction. Progress in Brain Research, 2010, 181, 55-77.	0.9	56
136	Obesity-Induced Hypogonadism in the Male: Premature Reproductive Neuroendocrine Senescence and Contribution of Kiss1-Mediated Mechanisms. Endocrinology, 2014, 155, 1067-1079.	1.4	56
137	Maturation of kisspeptinergic neurons coincides with puberty onset in male rats. Peptides, 2010, 31, 275-283.	1.2	55
138	ENDOCRINOLOGY AND ADOLESCENCE: Deciphering puberty: novel partners, novel mechanisms. European Journal of Endocrinology, 2012, 167, 733-747.	1.9	55
139	Metabolic regulation of female puberty via hypothalamic AMPKâ€“kisspeptin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10758-E10767.	3.3	55
140	Acute inflammation reduces kisspeptin immunoreactivity at the arcuate nucleus and decreases responsiveness to kisspeptin independently of its anorectic effects. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E54-E61.	1.8	54
141	Interaction Between Energy Homeostasis and Reproduction: Central Effects of Leptin and Ghrelin on the Reproductive Axis. Hormone and Metabolic Research, 2013, 45, 919-927.	0.7	54
142	Metabolic control of female puberty: potential therapeutic targets. Expert Opinion on Therapeutic Targets, 2016, 20, 1181-1193.	1.5	53
143	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. , 2017, 178, 109-122.		53
144	Regulation of Estrogen Receptor (ER) Isoform Messenger RNA Expression by Different ER Ligands in Female Rat Pituitary1. Biology of Reproduction, 2004, 70, 671-678.	1.2	52

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145	Effects of Polypeptide YY3â€“36upon Luteinizing Hormone-Releasing Hormone and Gonadotropin Secretion in Prepubertal Rats:In Vivoandin VitroStudies. Endocrinology, 2005, 146, 1403-1410.	1.4	52
146	Expression of neurokinin B/NK3 receptor and kisspeptin/KISS1 receptor in human granulosa cells. Human Reproduction, 2014, 29, 2736-2746.	0.4	51
147	Development and validation of a method for precise dating of female puberty in laboratory rodents: The puberty ovarian maturation score (Pub-Score). Scientific Reports, 2017, 7, 46381.	1.6	51
148	In Vivo and in Vitro Structure-Activity Relationships and Structural Conformation of Kisspeptin-10-Related Peptides. Molecular Pharmacology, 2009, 76, 58-67.	1.0	50
149	Pregnancy Induces Resistance to the Anorectic Effect of Hypothalamic Malonyl-CoA and the Thermogenic Effect of Hypothalamic AMPK Inhibition in Female Rats. Endocrinology, 2015, 156, 947-960.	1.4	50
150	Involvement of Endogenous Nitric Oxide in the Control of Pituitary Responsiveness to Different Elicitors of Growth Hormone Release in Prepubertal Rats. Neuroendocrinology, 1996, 64, 146-152.	1.2	49
151	Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. Cell Metabolism, 2020, 32, 951-966.e8.	7.2	49
152	Natriuretic Peptides Stimulate Steroidogenesis in the Fetal Rat Testis1. Biology of Reproduction, 2001, 65, 595-600.	1.2	48
153	SF1-Specific AMPKÎ±1 Deletion Protects Against Diet-Induced Obesity. Diabetes, 2018, 67, 2213-2226.	0.3	48
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