Manuel Tena-Sempere

List of Publications by Citations

369 papers	20,637 citations	80 h-index	129 g-index
389 ext. papers	23,007 ext. citations	5.8 avg, IF	6.9 L-index

#	Paper	IF	Citations
369	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, 4565-74	4.8	586
368	Kisspeptins and reproduction: physiological roles and regulatory mechanisms. *Physiological Reviews* , **2012**, 92, 1235-316	47.9	519
367	Expert consensus document: European Consensus Statement on congenital hypogonadotropic hypogonadism--pathogenesis, diagnosis and treatment. *Nature Reviews Endocrinology*, **2015**, 11, 547-64	15.2	462
366	Changes in hypothalamic KiSS-1 system and restoration of pubertal activation of the reproductive axis by kisspeptin in undernutrition. *Endocrinology*, **2005**, 146, 3917-25	4.8	429
365	Sexual differentiation of Kiss1 gene expression in the brain of the rat. *Endocrinology*, **2007**, 148, 1774-83	4.8	378
364	Characterization of the potent luteinizing hormone-releasing activity of KiSS-1 peptide, the natural ligand of GPR54. *Endocrinology*, **2005**, 146, 156-63	4.8	370
363	Advanced vaginal opening and precocious activation of the reproductive axis by KiSS-1 peptide, the endogenous ligand of GPR54. *Journal of Physiology*, **2004**, 561, 379-86	3.9	343
362	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
361	Novel expression and functional role of ghrelin in rat testis. *Endocrinology*, **2002**, 143, 717-25	4.8	281
360	Discovery of potent kisspeptin antagonists delineate physiological mechanisms of gonadotropin regulation. *Journal of Neuroscience*, **2009**, 29, 3920-9	6.6	280
359	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. *Cell Metabolism*, **2014**, 20, 41-53	24.6	264
358	Effects of KiSS-1 peptide, the natural ligand of GPR54, on follicle-stimulating hormone secretion in the rat. *Endocrinology*, **2005**, 146, 1689-97	4.8	250
357	New frontiers in kisspeptin/GPR54 physiology as fundamental gatekeepers of reproductive function. *Frontiers in Neuroendocrinology*, **2008**, 29, 48-69	8.9	241
356	Novel signals for the integration of energy balance and reproduction. *Molecular and Cellular Endocrinology*, **2006**, 254-255, 127-32	4.4	238
355	Regulation of hypothalamic expression of KiSS-1 and GPR54 genes by metabolic factors: analyses using mouse models and a cell line. *Endocrinology*, **2007**, 148, 4601-11	4.8	217
354	Expression of hypothalamic KiSS-1 system and rescue of defective gonadotropic responses by kisspeptin in streptozotocin-induced diabetic male rats. *Diabetes*, **2006**, 55, 2602-10	0.9	202
353	Expression of KiSS-1 in rat ovary: putative local regulator of ovulation?. *Endocrinology*, **2006**, 147, 4852-62	4.8	200

352	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, E202-10	6	194
351	Regulation of NKB pathways and their roles in the control of Kiss1 neurons in the arcuate nucleus of the male mouse. *Endocrinology*, **2011**, 152, 4265-75	4.8	193
350	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	4.4	186
349	Leptin inhibits testosterone secretion from adult rat testis in vitro. *Journal of Endocrinology*, **1999**, 161, 211-8	4.7	180
348	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, 879-87	5.6	172
347	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. *Hormone Research in Paediatrics*, **2017**, 88, 371-395	3.3	166
346	The mammalian target of rapamycin as novel central regulator of puberty onset via modulation of hypothalamic Kiss1 system. *Endocrinology*, **2009**, 150, 5016-26	4.8	165
345	Critical roles of kisspeptins in female puberty and preovulatory gonadotropin surges as revealed by a novel antagonist. *Endocrinology*, **2010**, 151, 722-30	4.8	162
344	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. *Nature Reviews Endocrinology*, **2016**, 12, 421-32	15.2	161
343	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, 400-9	5.6	160
342	Leptin in male reproduction: the testis paradigm. *Molecular and Cellular Endocrinology*, **2002**, 188, 9-13	4.4	159
341	Direct pituitary effects of kisspeptin: activation of gonadotrophs and somatotrophs and stimulation of luteinising hormone and growth hormone secretion. *Journal of Neuroendocrinology*, **2007**, 19, 521-30	3.8	158
340	Regulation of pituitary cell function by adiponectin. *Endocrinology*, **2007**, 148, 401-10	4.8	158
339	Effects of ghrelin upon gonadotropin-releasing hormone and gonadotropin secretion in adult female rats: in vivo and in vitro studies. *Neuroendocrinology*, **2005**, 82, 245-55	5.6	158
338	Metabolic control of puberty: roles of leptin and kisspeptins. *Hormones and Behavior*, **2013**, 64, 187-94	3.7	148
337	Stimulatory effect of RFRP-3 on the gonadotrophic axis in the male Syrian hamster: the exception proves the rule. *Endocrinology*, **2012**, 153, 1352-63	4.8	144
336	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. *Journal of Clinical Investigation*, **2012**, 122, 3900-13	15.9	143
335	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, 3396-408	4.8	141

334	Hypothalamic expression of KiSS-1 system and gonadotropin-releasing effects of kisspeptin in different reproductive states of the female Rat. *Endocrinology*, **2006**, 147, 2864-78	4.8	140
333	Kisspeptins: bridging energy homeostasis and reproduction. *Brain Research*, **2010**, 1364, 129-38	3.7	138
332	GPR54 and kisspeptin in reproduction. *Human Reproduction Update*, **2006**, 12, 631-9	15.8	137
331	Metabolic control of puberty onset: new players, new mechanisms. *Molecular and Cellular Endocrinology*, **2010**, 324, 87-94	4.4	135
330	Expression of ghrelin in the cyclic and pregnant rat ovary. *Endocrinology*, **2003**, 144, 1594-602	4.8	135
329	Kisspeptin signaling is indispensable for neurokinin B, but not glutamate, stimulation of gonadotropin secretion in mice. *Endocrinology*, **2012**, 153, 316-28	4.8	134
328	Ghrelin effects on gonadotropin secretion in male and female rats. *Neuroscience Letters*, **2004**, 362, 103-7	3.3	134
327	Comparative insights of the kisspeptin/kisspeptin receptor system: lessons from non-mammalian vertebrates. *General and Comparative Endocrinology*, **2012**, 175, 234-43	3	132
326	KiSS-1/kisspeptins and the metabolic control of reproduction: physiologic roles and putative physiopathological implications. *Peptides*, **2009**, 30, 139-45	3.8	132
325	Ghrelin and reproduction: a novel signal linking energy status and fertility?. *Molecular and Cellular Endocrinology*, **2004**, 226, 1-9	4.4	132
324	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell Metabolism*, **2017**, 26, 212-229.e12	24.6	128
323	Role of neurokinin B in the control of female puberty and its modulation by metabolic status. *Journal of Neuroscience*, **2012**, 32, 2388-97	6.6	125
322	A microRNA switch regulates the rise in hypothalamic GnRH production before puberty. *Nature Neuroscience*, **2016**, 19, 835-44	25.5	124
321	Cellular location and hormonal regulation of ghrelin expression in rat testis. *Biology of Reproduction* , **2002**, 67, 1768-76	3.9	123
320	Neuroendocrine control by kisspeptins: role in metabolic regulation of fertility. *Nature Reviews Endocrinology*, **2011**, 8, 40-53	15.2	120
319	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, E520-31	6	120
318	Comparative analysis of the effects of ghrelin and unacylated ghrelin on luteinizing hormone secretion in male rats. *Endocrinology*, **2006**, 147, 2374-82	4.8	119
317	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	4.4	119

316	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, 413-23	4.7	119
315	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, E39-46	6	114
314	Effects of chronic hyperghrelinemia on puberty onset and pregnancy outcome in the rat. *Endocrinology*, **2005**, 146, 3018-25	4.8	113
313	Sex steroids and the control of the Kiss1 system: developmental roles and major regulatory actions. *Journal of Neuroendocrinology*, **2012**, 24, 22-33	3.8	110
312	Roles of ghrelin and leptin in the control of reproductive function. *Neuroendocrinology*, **2007**, 86, 229-41	5.6	108
311	Novel expression and direct effects of adiponectin in the rat testis. *Endocrinology*, **2008**, 149, 3390-402	4.8	107
310	KiSS-1 and reproduction: focus on its role in the metabolic regulation of fertility. *Neuroendocrinology*, **2006**, 83, 275-81	5.6	107
309	Persistent impairment of hypothalamic KiSS-1 system after exposures to estrogenic compounds at critical periods of brain sex differentiation. *Endocrinology*, **2009**, 150, 2359-67	4.8	106
308	Kisspeptins in reproductive biology: consensus knowledge and recent developments. *Biology of Reproduction*, **2011**, 85, 650-60	3.9	105
307	The anorexigenic neuropeptide, nesfatin-1, is indispensable for normal puberty onset in the female rat. *Journal of Neuroscience*, **2010**, 30, 7783-92	6.6	103
306	Leptin(116-130) stimulates prolactin and luteinizing hormone secretion in fasted adult male rats. *Neuroendocrinology*, **1999**, 70, 213-20	5.6	101
305	Expanding roles of NUCB2/nesfatin-1 in neuroendocrine regulation. *Journal of Molecular Endocrinology*, **2010**, 45, 281-90	4.5	97
304	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. *Molecular Metabolism*, **2016**, 5, 844-857	8.8	94
303	Assessment of mechanisms of thyroid hormone action in mouse Leydig cells: regulation of the steroidogenic acute regulatory protein, steroidogenesis, and luteinizing hormone receptor function. *Endocrinology*, **2001**, 142, 319-31	4.8	92
302	Connecting metabolism and reproduction: roles of central energy sensors and key molecular mediators. *Molecular and Cellular Endocrinology*, **2014**, 397, 4-14	4.4	89
301	Hypothalamic mTOR signaling mediates the orexigenic action of ghrelin. *PLoS ONE*, **2012**, 7, e46923	3.7	89
300	Female reproduction and type 1 diabetes: from mechanisms to clinical findings. *Human Reproduction Update*, **2012**, 18, 568-85	15.8	88
299	Role of ghrelin in reproduction. *Reproduction*, **2007**, 133, 531-40	3.8	88

298	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
297	Effects of single or repeated intravenous administration of kisspeptin upon dynamic LH secretion in conscious male rats. *Endocrinology*, **2006**, 147, 2696-704	4.8	87
296	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, 4825-34	4.8	87
295	Energy balance and puberty onset: emerging role of central mTOR signaling. *Trends in Endocrinology and Metabolism*, **2010**, 21, 519-28	8.8	84
294	Intracellular signaling pathways activated by kisspeptins through GPR54: do multiple signals underlie function diversity?. *Peptides*, **2009**, 30, 10-5	3.8	83
293	Kisspeptins and the control of gonadotropin secretion in male and female rodents. *Peptides*, **2009**, 30, 57-66	3.8	83
292	Novel expression of resistin in rat testis: functional role and regulation by nutritional status and hormonal factors. *Journal of Cell Science*, **2004**, 117, 3247-57	5.3	83
291	Estrogens and the control of energy homeostasis: a brain perspective. *Trends in Endocrinology and Metabolism*, **2015**, 26, 411-21	8.8	82
290	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, 942-55	4.8	82
289	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, 1902-13	4.8	80
288	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. *Cell Reports*, **2016**, 16, 2231-2242	10.6	80
287	Opposite roles of estrogen receptor (ER)-alpha and ERbeta in the modulation of luteinizing hormone responses to kisspeptin in the female rat: implications for the generation of the preovulatory surge. *Endocrinology*, **2008**, 149, 1627-37	4.8	79
286	Kisspeptin regulates gonadotroph and somatotroph function in nonhuman primate pituitary via common and distinct signaling mechanisms. *Endocrinology*, **2011**, 152, 957-66	4.8	78
285	Physiological roles of gonadotropin-inhibitory hormone signaling in the control of mammalian reproductive axis: studies in the NPFF1 receptor null mouse. *Endocrinology*, **2014**, 155, 2953-65	4.8	77
284	Exploring the pathophysiology of hypogonadism in men with type 2 diabetes: kisspeptin-10 stimulates serum testosterone and LH secretion in men with type 2 diabetes and mild biochemical hypogonadism. *Clinical Endocrinology*, **2013**, 79, 100-4	3.4	77
283	The integrated hypothalamic tachykinin-kisspeptin system as a central coordinator for reproduction. *Endocrinology*, **2015**, 156, 627-37	4.8	76
282	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, E1088-96	6	76
281	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. *Journal of Pathology*, **2012**, 227, 209-22	9.4	75

280	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. *Diabetes*, **2017**, 66, 87-99	0.9	74
279	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, 1213-9	4.8	73
278	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, 1798-804	5.6	73
277	Metabolic dysfunction in polycystic ovary syndrome: Pathogenic role of androgen excess and potential therapeutic strategies. *Molecular Metabolism*, **2020**, 35, 100937	8.8	72
276	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	8.9	72
275	Ghrelin as a pleotrophic modulator of gonadal function and reproduction. *Nature Clinical Practice Endocrinology and Metabolism*, **2008**, 4, 666-74		72
274	Developmental, stage-specific, and hormonally regulated expression of growth hormone secretagogue receptor messenger RNA in rat testis. *Biology of Reproduction*, **2003**, 68, 1631-40	3.9	72
273	Cellular distribution, regulated expression, and functional role of the anorexigenic peptide, NUCB2/nesfatin-1, in the testis. *Endocrinology*, **2012**, 153, 1959-71	4.8	71
272	Neuroendocrine factors in the initiation of puberty: the emergent role of kisspeptin. *Reviews in Endocrine and Metabolic Disorders*, **2007**, 8, 11-20	10.5	70
271	Hypothalamic mTOR: the rookie energy sensor. *Current Molecular Medicine*, **2014**, 14, 3-21	2.5	69
270	KiSS-1 system and reproduction: comparative aspects and roles in the control of female gonadotropic axis in mammals. *General and Comparative Endocrinology*, **2007**, 153, 132-40	3	69
269	Novel expression and functional role of ghrelin in chicken ovary. *Molecular and Cellular Endocrinology*, **2006**, 257-258, 15-25	4.4	69
268	Kisspeptin receptor haplo-insufficiency causes premature ovarian failure despite preserved gonadotropin secretion. *Endocrinology*, **2014**, 155, 3088-97	4.8	68
267	Metabolic programming of puberty: sexually dimorphic responses to early nutritional challenges. *Endocrinology*, **2013**, 154, 3387-400	4.8	68
266	Molecular mechanisms of thyroid hormone-stimulated steroidogenesis in mouse leydig tumor cells. Involvement of the steroidogenic acute regulatory (StAR) protein. *Journal of Biological Chemistry*, **1999**, 274, 5909-18	5.4	68
265	Novel role of 26RFa, a hypothalamic RFamide orexigenic peptide, as putative regulator of the gonadotropic axis. *Journal of Physiology*, **2006**, 573, 237-49	3.9	67
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263	Orexin 1 receptor messenger ribonucleic acid expression and stimulation of testosterone secretion by orexin-A in rat testis. *Endocrinology*, **2004**, 145, 2297-306	4.8	66

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261	Pattern of orexin expression and direct biological actions of orexin-a in rat testis. *Endocrinology*, **2005**, 146, 5164-75	4.8	65
260	Developmental and hormonal regulation of leptin receptor (Ob-R) messenger ribonucleic acid expression in rat testis. *Biology of Reproduction*, **2001**, 64, 634-43	3.9	65
259	Structure and expression of the rat relaxin-like factor (RLF) gene. *Molecular Reproduction and Development*, **1999**, 54, 319-25	2.6	65
258	Alterations in hypothalamic KiSS-1 system in experimental diabetes: early changes and functional consequences. *Endocrinology*, **2009**, 150, 784-94	4.8	62
257	Neurokinin B and the control of the gonadotropic axis in the rat: developmental changes, sexual dimorphism, and regulation by gonadal steroids. *Endocrinology*, **2012**, 153, 4818-29	4.8	61
256	Kisspeptin/GPR54 system as potential target for endocrine disruption of reproductive development and function. *Journal of Developmental and Physical Disabilities*, **2010**, 33, 360-8		60
255	Ghrelin and reproduction: ghrelin as novel regulator of the gonadotropic axis. *Vitamins and Hormones*, **2008**, 77, 285-300	2.5	60
254	Hypothalamic AMP-activated protein kinase as a mediator of whole body energy balance. *Reviews in Endocrine and Metabolic Disorders*, **2011**, 12, 127-40	10.5	59
253	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, 308-18		59
252	Neonatal exposure to estrogen differentially alters estrogen receptor alpha and beta mRNA expression in rat testis during postnatal development. *Journal of Endocrinology*, **2000**, 165, 345-57	4.7	59
251	Sex Differences in the Gut Microbiota as Potential Determinants of Gender Predisposition to Disease. *Molecular Nutrition and Food Research*, **2019**, 63, e1800870	5.9	59
250	Activation of microglia in specific hypothalamic nuclei and the cerebellum of adult rats exposed to neonatal overnutrition. *Journal of Neuroendocrinology*, **2011**, 23, 365-70	3.8	57
249	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 sequence. *Biology of Reproduction*, **1999**, 60, 1515-27	3.9	56
248	Disentangling puberty: novel neuroendocrine pathways and mechanisms for the control of mammalian puberty. *Human Reproduction Update*, **2017**, 23, 737-763	15.8	55
247	Characterization of the kisspeptin system in human spermatozoa. *Journal of Developmental and Physical Disabilities*, **2012**, 35, 63-73		55
246	Loss of Ntrk2/Kiss1r signaling in oocytes causes premature ovarian failure. *Endocrinology*, **2014**, 155, 3098-111	4.8	54
245	Cross-talk between orexins (hypocretins) and the neuroendocrine axes (hypothalamic-pituitary axes). *Frontiers in Neuroendocrinology*, **2010**, 31, 113-27	8.9	52

244	Exploring the role of ghrelin as novel regulator of gonadal function. *Growth Hormone and IGF Research*, **2005**, 15, 83-8	2	52
243	SIRT1 mediates obesity- and nutrient-dependent perturbation of pubertal timing by epigenetically controlling Kiss1 expression. *Nature Communications*, **2018**, 9, 4194	17.4	52
242	Maturation of kisspeptinergic neurons coincides with puberty onset in male rats. *Peptides*, **2010**, 31, 275-83	3.3	51
241	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	4.9	51
240	Obesity-induced hypogonadism in the male: premature reproductive neuroendocrine senescence and contribution of Kiss1-mediated mechanisms. *Endocrinology*, **2014**, 155, 1067-79	4.8	50
239	Regulation of estrogen receptor (ER) isoform messenger RNA expression by different ER ligands in female rat pituitary. *Biology of Reproduction*, **2004**, 70, 671-8	3.9	50
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236	, encoding Klotho, is mutated in patients with congenital hypogonadotropic hypogonadism. *EMBO Molecular Medicine*, **2017**, 9, 1379-1397	12	47
235	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. *Endocrinology*, **2016**, 157, 4888-4898	4.8	47
234	Deciphering puberty: novel partners, novel mechanisms. *European Journal of Endocrinology*, **2012**, 167, 733-47	6.5	46
233	Involvement of endogneous nitric oxide in the control of pituitary responsiveness to different elicitors of growth hormone release in prepubertal rats. *Neuroendocrinology*, **1996**, 64, 146-52	5.6	46
232	Roles of leptin in reproduction, pregnancy and polycystic ovary syndrome: consensus knowledge and recent developments. *Metabolism: Clinical and Experimental*, **2015**, 64, 79-91	12.7	45
231	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, 947-60	4.8	45
230	Physiological roles of the kisspeptin/GPR54 system in the neuroendocrine control of reproduction. *Progress in Brain Research*, **2010**, 181, 55-77	2.9	45
229	Effects of polypeptide YY(3-36) upon luteinizing hormone-releasing hormone and gonadotropin secretion in prepubertal rats: in vivo and in vitro studies. *Endocrinology*, **2005**, 146, 1403-10	4.8	45
228	In vivo and in vitro structure-activity relationships and structural conformation of Kisspeptin-10-related peptides. *Molecular Pharmacology*, **2009**, 76, 58-67	4.3	44
227	Natriuretic peptides stimulate steroidogenesis in the fetal rat testis. *Biology of Reproduction*, **2001**, 65, 595-600	3.9	43

226	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. *Cell Reports*, **2018**, 25, 413-423.e5	10.6	43
225	Persistent expression of a truncated form of the luteinizing hormone receptor messenger ribonucleic acid in the rat testis after selective Leydig cell destruction by ethylene dimethane sulfonate. *Endocrinology*, **1994**, 135, 1018-24	4.8	42
224	Metabolic control of female puberty: potential therapeutic targets. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 1181-93	6.4	40
223	Interaction between energy homeostasis and reproduction: central effects of leptin and ghrelin on the reproductive axis. *Hormone and Metabolic Research*, **2013**, 45, 919-27	3.1	40
222	Ghrelin is produced by and directly activates corticotrope cells from adrenocorticotropin-secreting adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 2225-31	5.6	40
221	Direct stimulatory effect of ghrelin on pituitary release of LH through a nitric oxide-dependent mechanism that is modulated by estrogen. *Reproduction*, **2007**, 133, 1223-32	3.8	40
220	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	4.7	40
219	Roles of kisspeptins in the control of hypothalamic-gonadotropic function: focus on sexual differentiation and puberty onset. *Endocrine Development*, **2010**, 17, 52-62		39
218	Neuromedin s as novel putative regulator of luteinizing hormone secretion. *Endocrinology*, **2007**, 148, 813-23	4.8	39
217	Comparative analysis of kisspeptin-immunoreactivity reveals genuine differences in the hypothalamic Kiss1 systems between rats and mice. *Peptides*, **2013**, 45, 85-90	3.8	37
216	Neonatal imprinting and regulation of estrogen receptor alpha and beta mRNA expression by estrogen in the pituitary and hypothalamus of the male rat. *Neuroendocrinology*, **2001**, 73, 12-25	5.6	37
215	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. *Pharmacology & Therapeutics*, **2017**, 178, 109-122	13.9	36
214	Follicle-stimulating hormone responses to kisspeptin in the female rat at the preovulatory period: modulation by estrogen and progesterone receptors. *Endocrinology*, **2008**, 149, 5783-90	4.8	36
213	The roles of kisspeptins and G protein-coupled receptor-54 in pubertal development. *Current Opinion in Pediatrics*, **2006**, 18, 442-7	3.2	36
212	In vitro pituitary and testicular effects of the leptin-related synthetic peptide leptin(116-130) amide involve actions both similar to and distinct from those of the native leptin molecule in the adult rat. *European Journal of Endocrinology*, **2000**, 142, 406-10	6.5	36
211	Evidence that pituitary adenylate cyclase-activating polypeptide is a potent regulator of fetal rat testicular steroidogenesis. *Biology of Reproduction*, **2000**, 63, 1482-9	3.9	36
210	Vasoactive intestinal peptide is an important endocrine regulatory factor of fetal rat testicular steroidogenesis. *Endocrinology*, **1998**, 139, 1474-80	4.8	36
209	Expression of neurokinin B/NK3 receptor and kisspeptin/KISS1 receptor in human granulosa cells. *Human Reproduction*, **2014**, 29, 2736-46	5.7	34

208	Kisspeptins and the neuroendocrine control of reproduction. *Frontiers in Bioscience - Scholar*, **2011**, 3, 267-75	2.4	34
207	Effects of chronic food restriction and treatments with leptin or ghrelin on different reproductive parameters of male rats. *Peptides*, **2008**, 29, 1362-8	3.8	34
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