Manuel Tena-Sempere

List of Publications by Year in Descending Order

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	Selective loss of kisspeptin signaling in oocytes causes progressive premature ovulatory failure.. *Human Reproduction*, **2022**,	5.7	3
368	Connecting nutritional deprivation and pubertal inhibition via GRK2-mediated repression of kisspeptin actions in GnRH neurons.. *Metabolism: Clinical and Experimental*, **2022**, 129, 155141	12.7	0
367	Kisspeptins and the neuroendocrine control of reproduction: Recent progress and new frontiers in kisspeptin research.. *Frontiers in Neuroendocrinology*, **2022**, 65, 100977	8.9	2
366	Kappa-Opioid Receptor Blockade Ameliorates Obesity Caused by Estrogen Withdrawal via Promotion of Energy Expenditure through mTOR Pathway.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
365	GnRH neurons recruit astrocytes in infancy to facilitate network integration and sexual maturation. *Nature Neuroscience*, **2021**, 24, 1660-1672	25.5	7
364	Small extracellular vesicle-mediated targeting of hypothalamic AMPK□ corrects obesity through BAT activation. *Nature Metabolism*, **2021**, 3, 1415-1431	14.6	3
363	Congenital ablation of reveals overlapping and redundant roles of NK2R signaling in the control of reproductive axis. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 320, E496-E511	6	1
362	Precocious sexual maturation: Unravelling the mechanisms of pubertal onset through clinical observations. *Journal of Neuroendocrinology*, **2021**, e12979	3.8	0
361	A Proposal for Modification of the PSOGI Classification According to the Ki-67 Proliferation Index in Pseudomyxoma Peritonei. *Annals of Surgical Oncology*, **2021**, 1	3.1	3
360	In1-Ghrelin Splicing Variant as a Key Element in the Pathophysiological Association Between Obesity and Prostate Cancer. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e4956-e4968	5.6	1
359	ASO Visual Abstract: A Proposal for Modification of PSOGI Classification According to Ki-67 Proliferation Index in Pseudomyxoma peritonei. *Annals of Surgical Oncology*, **2021**, 28, 529-530	3.1	1
358	AMP-activated protein kinase (AMPK) signaling in GnRH neurons links energy status and reproduction. *Metabolism: Clinical and Experimental*, **2021**, 115, 154460	12.7	2
357	Effects of Nutrition on Pubertal Timing at the Neuroendocrine and Cellular Levels **2021**, 183-202		
356	Molecular diagnosis of polycystic ovary syndrome in obese and non-obese women by targeted plasma miRNA profiling. *European Journal of Endocrinology*, **2021**, 185, 637-652	6.5	1
355	Emerging Roles of Epigenetics in the Control of Reproductive Function: Focus on Central Neuroendocrine Mechanisms. *Journal of the Endocrine Society*, **2021**, 5, bvab152	0.4	5
354	□-Tetrahydrocannabinolic Acid markedly alleviates liver fibrosis and inflammation in mice. *Phytomedicine*, **2021**, 81, 153426	6.5	5
353	Optimization of a MALDI-Imaging protocol for studying adipose tissue-associated disorders. *Talanta*, **2020**, 219, 121184	6.2	6

352	Mechanisms for the metabolic control of puberty. *Current Opinion in Endocrine and Metabolic Research*, **2020**, 14, 78-84	1.7	1
351	Metabolic dysfunction in polycystic ovary syndrome: Pathogenic role of androgen excess and potential therapeutic strategies. *Molecular Metabolism*, **2020**, 35, 100937	8.8	72
350	is responsible for the sex differences in hepatic mRNA expression in hepatic steatosis of mice fed a Western diet. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E249-E261	6	7
349	Neonatal exposure to androgens dynamically alters gut microbiota architecture. *Journal of Endocrinology*, **2020**, 247, 69-85	4.7	3
348	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. *Aging*, **2020**, 12, 19979-20000	5.6	5
347	Tetrahydrocannabinolic acid A (THCA-A) reduces adiposity and prevents metabolic disease caused by diet-induced obesity. *Biochemical Pharmacology*, **2020**, 171, 113693	6	18
346	Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. *Cell Metabolism*, **2020**, 32, 951-966.e8	24.6	14
345	A novel RGB-trichrome staining method for routine histological analysis of musculoskeletal tissues. *Scientific Reports*, **2020**, 10, 16659	4.9	6
344	Role of kisspeptins in the control of the hypothalamic-pituitary-ovarian axis: old dogmas and new challenges. *Fertility and Sterility*, **2020**, 114, 465-474	4.8	11
343	Kisspeptin-52 partially rescues the activity of the hypothalamus-pituitary-gonadal axis in underweight male rats dosed with an anti-obesity compound. *Toxicology and Applied Pharmacology*, **2020**, 404, 115152	4.6	
342	AMPK-Dependent Mechanisms but Not Hypothalamic Lipid Signaling Mediates GH-Secretory Responses to GHRH and Ghrelin. *Cells*, **2020**, 9,	7.9	2
341	Early overnutrition sensitizes the growth hormone axis to the impact of diet-induced obesity via sex-divergent mechanisms. *Scientific Reports*, **2020**, 10, 13898	4.9	1
340	Gonadal hormone-dependent vs. -independent effects of kisspeptin signaling in the control of body weight and metabolic homeostasis. *Metabolism: Clinical and Experimental*, **2019**, 98, 84-94	12.7	24
339	Deregulation of miR-324/KISS1/kisspeptin in early ectopic pregnancy: mechanistic findings with clinical and diagnostic implications. *American Journal of Obstetrics and Gynecology*, **2019**, 220, 480.e1-480.e17	6.4	10
338	Dangerous liaisons for pubertal maturation: the impact of alcohol consumption and obesity on the timing of puberty. *Biology of Reproduction*, **2019**, 100, 25-40	3.9	4
337	Hypothalamic miR-30 regulates puberty onset via repression of the puberty-suppressing factor, Mkrn3. *PLoS Biology*, **2019**, 17, e3000532	9.7	24
336	Environmentally Relevant Perinatal Exposures to Bisphenol A Disrupt Postnatal Kiss1/NKB Neuronal Maturation and Puberty Onset in Female Mice. *Environmental Health Perspectives*, **2019**, 127, 107011	8.4	27
335	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

334	Thermoneutrality improves skeletal impairment in adult Prader-Willi syndrome mice. *Journal of Endocrinology*, **2019**,	4.7	2
333	Kisspeptin signaling in oocytes is compulsory for ovulation in adult mice. *FASEB Journal*, **2019**, 33, 580.5	0.9	1
332	Neuropeptide Control of Puberty: Beyond Kisspeptins. *Seminars in Reproductive Medicine*, **2019**, 37, 155-165	1.4	5
331	Kisspeptin treatment induces gonadotropic responses and rescues ovulation in a subset of preclinical models and women with polycystic ovary syndrome. *Human Reproduction*, **2019**, 34, 2495-2512	5.7	13
330	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
329	Altered expression of the kisspeptin/KISS1R and neurokinin B/NK3R systems in mural granulosa and cumulus cells of patients with polycystic ovarian syndrome. *Journal of Assisted Reproduction and Genetics*, **2019**, 36, 113-120	3.4	11
328	Intergenerational Influence of Paternal Obesity on Metabolic and Reproductive Health Parameters of the Offspring: Male-Preferential Impact and Involvement of Kiss1-Mediated Pathways. *Endocrinology*, **2018**, 159, 1005-1018	4.8	18
327	The 3 World Conference on Kisspeptin, "Kisspeptin 2017: Brain and Beyond":Unresolved questions, challenges and future directions for the field. *Journal of Neuroendocrinology*, **2018**, 30, e12600	3.8	8
326	Changes in keratin 8/18 expression in human granulosa cell lineage are associated to cell death/survival events: potential implications for the maintenance of the ovarian reserve. *Human Reproduction*, **2018**, 33, 680-689	5.7	4
325	The kisspeptin receptor: A key G-protein-coupled receptor in the control of the reproductive axis. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2018**, 32, 107-123	6.5	24
324	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
323	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. *Endocrinology*, **2018**, 159, 368-387	4.8	26
322	Influence of gender and menopausal status on gut microbiota. *Maturitas*, **2018**, 116, 43-53	5	87
321	Female Puberty Overview **2018**, 227-237		1
320	Sex-Biased Physiological Roles of NPFF1R, the Canonical Receptor of RFRP-3, in Food Intake and Metabolic Homeostasis Revealed by its Congenital Ablation in mice. *Metabolism: Clinical and Experimental*, **2018**, 87, 87-97	12.7	10
319	Neonatal Overnutrition Increases Testicular Size and Expression of Luteinizing Hormone β-Subunit in Peripubertal Male Rats. *Frontiers in Endocrinology*, **2018**, 9, 168	5.7	1
318	SF1-Specific AMPKα1 Deletion Protects Against Diet-Induced Obesity. *Diabetes*, **2018**, 67, 2213-2226	0.9	31
317	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. *Journal of Endocrinology*, **2018**, 238, 177-186	4.7	16

316	Unique Features of a Unique Cell: The Wonder World of GnRH Neurons. *Endocrinology*, **2018**, 159, 3895-3896	4.8	3
315	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. *Cell Reports*, **2018**, 25, 413-423.e5	10.6	43
314	SIRT1 mediates obesity- and nutrient-dependent perturbation of pubertal timing by epigenetically controlling Kiss1 expression. *Nature Communications*, **2018**, 9, 4194	17.4	52
313	VCE-004.8, A Multitarget Cannabinoquinone, Attenuates Adipogenesis and Prevents Diet-Induced Obesity. *Scientific Reports*, **2018**, 8, 16092	4.9	10
312	Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E10758-E10767	11.5	34
311	Neuroendocrinology in 2016: Neuroendocrine control of metabolism and reproduction. *Nature Reviews Endocrinology*, **2017**, 13, 67-68	15.2	9
310	Sequential Exposure to Obesogenic Factors in Females Rats: From Physiological Changes to Lipid Metabolism in Liver and Mesenteric Adipose Tissue. *Scientific Reports*, **2017**, 7, 46194	4.9	6
309	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	4.9	26
308	Differential menopause- versus aging-induced changes in oxidative stress and circadian rhythm gene markers. *Mechanisms of Ageing and Development*, **2017**, 164, 41-48	5.6	10
307	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. *Pharmacology & Therapeutics*, **2017**, 178, 109-122	13.9	36
306	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. *Fertility and Sterility*, **2017**, 107, 236-242	4.8	1
305	Lack of Ovarian Secretions Reverts the Anabolic Action of Olanzapine in Female Rats. *International Journal of Neuropsychopharmacology*, **2017**, 20, 1005-1012	5.8	12
304	Disentangling puberty: novel neuroendocrine pathways and mechanisms for the control of mammalian puberty. *Human Reproduction Update*, **2017**, 23, 737-763	15.8	55
303	Iron overload induces hypogonadism in male mice via extrahypothalamic mechanisms. *Molecular and Cellular Endocrinology*, **2017**, 454, 135-145	4.4	8
302	, encoding Klotho, is mutated in patients with congenital hypogonadotropic hypogonadism. *EMBO Molecular Medicine*, **2017**, 9, 1379-1397	12	47
301	Estradiol Regulation of Brown Adipose Tissue Thermogenesis. *Advances in Experimental Medicine and Biology*, **2017**, 1043, 315-335	3.6	18
300	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
299	Two missense mutations in KCNQ1 cause pituitary hormone deficiency and maternally inherited gingival fibromatosis. *Nature Communications*, **2017**, 8, 1289	17.4	25

298	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
297	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. *Diabetes*, **2017**, 66, 87-99	0.9	74
296	Deleting the mouse Hsd17b1 gene results in a hypomorphic Naglu allele and a phenotype mimicking a lysosomal storage disease. *Scientific Reports*, **2017**, 7, 16406	4.9	8
295	Estradiol and brown fat. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2016**, 30, 527-536	6.5	18
294	Metabolic control of female puberty: potential therapeutic targets. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 1181-93	6.4	40
293	Age and sex dependent effects of early overnutrition on metabolic parameters and the role of neonatal androgens. *Biology of Sex Differences*, **2016**, 7, 26	9.3	22
292	Interaction between neonatal maternal deprivation and serum leptin levels on metabolism, pubertal development, and sexual behavior in male and female rats. *Biology of Sex Differences*, **2016**, 7, 2	9.3	18
291	The Endocrine Society Centennial: Genes and Hormones in Obesity... or How Obesity Met Endocrinology. *Endocrinology*, **2016**, 157, 979-82	4.8	1
290	Animal Modeling of Early Programming and Disruption of Pubertal Maturation. *Endocrine Development*, **2016**, 29, 87-121		13
289	Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS ONE*, **2016**, 11, e0154090	3.7	337
288	Beyond the brain-Peripheral kisspeptin signaling is essential for promoting endometrial gland development and function. *Scientific Reports*, **2016**, 6, 29073	4.9	12
287	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
286	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. *Nature Reviews Endocrinology*, **2016**, 12, 421-32	15.2	161
285	A microRNA switch regulates the rise in hypothalamic GnRH production before puberty. *Nature Neuroscience*, **2016**, 19, 835-44	25.5	124
284	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. *Molecular Metabolism*, **2016**, 5, 844-857	8.8	94
283	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. *Endocrinology*, **2016**, 157, 4888-4898	4.8	47
282	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. *Cell Reports*, **2016**, 16, 2231-2242	10.6	80
281	Role of the Kiss1/Kiss1r system in the regulation of pituitary cell function. *Molecular and Cellular Endocrinology*, **2016**, 438, 100-106	4.4	24

280	Orexins (hypocretins) and energy balance: More than feeding. *Molecular and Cellular Endocrinology*, **2015**, 418 Pt 1, 17-26	4.4	21
279	Expert consensus document: European Consensus Statement on congenital hypogonadotropic hypogonadism--pathogenesis, diagnosis and treatment. *Nature Reviews Endocrinology*, **2015**, 11, 547-64	15.2	462
278	Increased prepubertal body weight enhances leptin sensitivity in proopiomelanocortin and neuropeptide y neurons before puberty onset in female rats. *Endocrinology*, **2015**, 156, 1272-82	4.8	6
277	Estrogens and the control of energy homeostasis: a brain perspective. *Trends in Endocrinology and Metabolism*, **2015**, 26, 411-21	8.8	82
276	Physiological Mechanisms for the Metabolic Control of Reproduction **2015**, 1605-1636		5
275	Blockage of the Neonatal Leptin Surge Affects the Gene Expression of Growth Factors, Glial Proteins, and Neuropeptides Involved in the Control of Metabolism and Reproduction in Peripubertal Male and Female Rats. *Endocrinology*, **2015**, 156, 2571-81	4.8	16
274	Effects and interactions of tachykinins and dynorphin on FSH and LH secretion in developing and adult rats. *Endocrinology*, **2015**, 156, 576-88	4.8	33
273	Analysis of the Expression of Tachykinins and Tachykinin Receptors in the Rat Uterus During Early Pregnancy. *Biology of Reproduction*, **2015**, 93, 51	3.9	1
272	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
271	Testicular expression of the Lin28/let-7 system: Hormonal regulation and changes during postnatal maturation and after manipulations of puberty. *Scientific Reports*, **2015**, 5, 15683	4.9	18
270	Crowding and Follicular Fate: Spatial Determinants of Follicular Reserve and Activation of Follicular Growth in the Mammalian Ovary. *PLoS ONE*, **2015**, 10, e0144099	3.7	19
269	Metabolic and Gonadotropic Impact of Sequential Obesogenic Insults in the Female: Influence of the Loss of Ovarian Secretion. *Endocrinology*, **2015**, 156, 2984-98	4.8	20
268	The integrated hypothalamic tachykinin-kisspeptin system as a central coordinator for reproduction. *Endocrinology*, **2015**, 156, 627-37	4.8	76
267	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
266	RF9 Acts as a KISS1R Agonist In Vivo and In Vitro. *Endocrinology*, **2015**, 156, 4639-48	4.8	26
265	Neuroendocrine and Molecular Mechanisms for the Metabolic Control of Puberty: Recent Developments. *Research and Perspectives in Endocrine Interactions*, **2015**, 121-135		
264	Dissecting the Roles of Gonadotropin-Inhibitory Hormone in Mammals: Studies Using Pharmacological Tools and Genetically Modified Mouse Models. *Frontiers in Endocrinology*, **2015**, 6, 189	5.7	23
263	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

262	Connecting metabolism and reproduction: roles of central energy sensors and key molecular mediators. *Molecular and Cellular Endocrinology*, **2014**, 397, 4-14	4.4	89
261	Hypothalamic mTOR: the rookie energy sensor. *Current Molecular Medicine*, **2014**, 14, 3-21	2.5	69
260	Long-term betacarotene supplementation positively affects serum triiodothyronine concentrations around puberty onset in female goats. *Small Ruminant Research*, **2014**, 116, 176-182	1.7	6
259	Generation of multi-oocyte follicles in the peripubertal rat ovary: link to the invasive capacity of granulosa cells?. *Fertility and Sterility*, **2014**, 101, 1467-76	4.8	15
258	Perturbation of hypothalamic microRNA expression patterns in male rats after metabolic distress: impact of obesity and conditions of negative energy balance. *Endocrinology*, **2014**, 155, 1838-50	4.8	48
257	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. *Cell Metabolism*, **2014**, 20, 41-53	24.6	264
256	Kisspeptin receptor haplo-insufficiency causes premature ovarian failure despite preserved gonadotropin secretion. *Endocrinology*, **2014**, 155, 3088-97	4.8	68
255	Obesity-induced hypogonadism in the male: premature reproductive neuroendocrine senescence and contribution of Kiss1-mediated mechanisms. *Endocrinology*, **2014**, 155, 1067-79	4.8	50
254	Neonatal events, such as androgenization and postnatal overfeeding, modify the response to ghrelin. *Scientific Reports*, **2014**, 4, 4855	4.9	5
253	The Lin28/Let-7 system in early human embryonic tissue and ectopic pregnancy. *PLoS ONE*, **2014**, 9, e87698	3.7	17
252	Loss of Ntrk2/Kiss1r signaling in oocytes causes premature ovarian failure. *Endocrinology*, **2014**, 155, 3098-111	4.8	54
251	Disparate changes in kisspeptin and neurokinin B expression in the arcuate nucleus after sex steroid manipulation reveal differential regulation of the two KNDy peptides in rats. *Endocrinology*, **2014**, 155, 3945-55	4.8	28
250	Control of the GnRH Pulse Generator **2014**, 311-323		
249	Expression of neurokinin B/NK3 receptor and kisspeptin/KISS1 receptor in human granulosa cells. *Human Reproduction*, **2014**, 29, 2736-46	5.7	34
248	Obestatin plays an opposite role in the regulation of pituitary somatotrope and corticotrope function in female primates and male/female mice. *Endocrinology*, **2014**, 155, 1407-17	4.8	14
247	Creating a European consortium to study GnRH deficiency (COST Action BM1105). *Endocrinología Y Nutrición (English Edition)*, **2013**, 60, 485-486		
246	Metabolic programming of puberty: sexually dimorphic responses to early nutritional challenges. *Endocrinology*, **2013**, 154, 3387-400	4.8	68
245	Keeping puberty on time: novel signals and mechanisms involved. *Current Topics in Developmental Biology*, **2013**, 105, 299-329	5.3	30

244	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
243	Metabolic control of puberty: roles of leptin and kisspeptins. *Hormones and Behavior*, **2013**, 64, 187-94	3.7	148
242	Food restriction, ghrelin, its antagonist and obestatin control expression of ghrelin and its receptor in chicken hypothalamus and ovary. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2013**, 164, 141-53	2.6	19
241	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
240	Ghrelin, the gonadal axis and the onset of puberty. *Endocrine Development*, **2013**, 25, 69-82		29
239	Distinct expression patterns predict differential roles of the miRNA-binding proteins, Lin28 and Lin28b, in the mouse testis: studies during postnatal development and in a model of hypogonadotropic hypogonadism. *Endocrinology*, **2013**, 154, 1321-36	4.8	32
238	Metabolic regulation of kisspeptin. *Advances in Experimental Medicine and Biology*, **2013**, 784, 363-83	3.6	24
237	The Kiss1 system and polycystic ovary syndrome: lessons from physiology and putative pathophysiologic implications. *Fertility and Sterility*, **2013**, 100, 12-22	4.8	30
236	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. *Journal of Nutritional Biochemistry*, **2013**, 24, 32-8	6.3	5
235	The orexigenic effect of orexin-A revisited: dependence of an intact growth hormone axis. *Endocrinology*, **2013**, 154, 3589-98	4.8	11
234	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
233	Policy decisions on endocrine disruptors should be based on science across disciplines: a response to Dietrich et al. *Endocrinology*, **2013**, 154, 3957-60	4.8	19
232	Policy decisions on endocrine disruptors should be based on science across disciplines: a response to Dietrich et al. *Hormone Research in Paediatrics*, **2013**, 80, 305-8	3.3	3
231	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
230	Policy decisions on endocrine disruptors should be based on science across disciplines: a response to Dietrich et al. *Andrology*, **2013**, 1, 802-5	4.2	
229	26RFa **2013**, 917-923		5
228	Characterization of the reproductive effects of the Vgf-derived peptide TLQP-21 in female rats: in vivo and in vitro studies. *Neuroendocrinology*, **2013**, 98, 38-50	5.6	19
227	Kisspeptins **2013**, 819-827		

226	Emerging roles of NUCB2/nesfatin-1 in the metabolic control of reproduction. *Current Pharmaceutical Design*, **2013**, 19, 6966-72	3.3	28
225	Short-term beta-carotene-supplementation positively affects ovarian activity and serum insulin concentrations in a goat model. *Journal of Endocrinological Investigation*, **2013**, 36, 185-9	5.2	5
224	Early nutritional changes induce sexually dimorphic long-term effects on body weight gain and the response to sucrose intake in adult rats. *Metabolism: Clinical and Experimental*, **2012**, 61, 812-22	12.7	26
223	Comparative insights of the kisspeptin/kisspeptin receptor system: lessons from non-mammalian vertebrates. *General and Comparative Endocrinology*, **2012**, 175, 234-43	3	132
222	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
221	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
220	Study of the effect of 26RF- and 43RF-amides on testosterone and prolactin secretion in the adult male rhesus monkey (Macaca mulatta). *Peptides*, **2012**, 36, 23-8	3.8	7
219	Kisspeptin signaling is indispensable for neurokinin B, but not glutamate, stimulation of gonadotropin secretion in mice. *Endocrinology*, **2012**, 153, 316-28	4.8	134
218	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
217	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
216	Deciphering puberty: novel partners, novel mechanisms. *European Journal of Endocrinology*, **2012**, 167, 733-47	6.5	46
215	Study of the role of novel RF-amide neuropeptides in affecting growth hormone secretion in a representative non-human primate (Macaca mulatta). *Endocrine*, **2012**, 42, 658-63	4	5
214	Hypothalamic mTOR signaling mediates the orexigenic action of ghrelin. *PLoS ONE*, **2012**, 7, e46923	3.7	89
213	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. *Journal of Pathology*, **2012**, 227, 209-22	9.4	75
212	Kisspeptins and reproduction: physiological roles and regulatory mechanisms. *Physiological Reviews* , **2012**, 92, 1235-316	47.9	519
211	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
210	Characterization of the kisspeptin system in human spermatozoa. *Journal of Developmental and Physical Disabilities*, **2012**, 35, 63-73		55
209	Early postnatal overnutrition increases adipose tissue accrual in response to a sucrose-enriched diet. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E1586-98	6	22

208	Differential modulation of gonadotropin responses to kisspeptin by aminoacidergic, peptidergic, and nitric oxide neurotransmission. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E1252-63	6	23
207	Female reproduction and type 1 diabetes: from mechanisms to clinical findings. *Human Reproduction Update*, **2012**, 18, 568-85	15.8	88
206	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
205	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. *Journal of Clinical Investigation*, **2012**, 122, 3900-13	15.9	143
204	Neuroendocrine control by kisspeptins: role in metabolic regulation of fertility. *Nature Reviews Endocrinology*, **2011**, 8, 40-53	15.2	120
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4	Follicle-stimulating hormone and luteinizing hormone secretion in male rats orchidectomized or injected with ethylene dimethane sulfonate		8
3	Molecular Mechanisms of Reappearance of Luteinizing Hormone Receptor Expression and Function in Rat Testis after Selective Leydig Cell Destruction by Ethylene Dimethane Sulfonate		3
2	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 Juse lius Foundation, Academy of Finland, Foundation for the Finnish Cancer Societies (to I.T.H.), and NIH Grant		21
1	Δ9-Tetrahydrocannabinolic Acid markedly alleviates liver fibrosis and inflammation in murine models of chemically- and obesity-induced liver injury		1