Miguel Angel Sanchez-Garrido

List of Publications by Citations

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46 papers	2,619 citations	26 h-index	48 g-index
48 ext. papers	3,065 ext. citations	7.3 avg, IF	4.87 L-index

#	Paper	IF	Citations
46	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
45	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
44	Metabolic control of puberty: roles of leptin and kisspeptins. *Hormones and Behavior*, **2013**, 64, 187-94	3.7	148
43	Leptin regulates glutamate and glucose transporters in hypothalamic astrocytes. *Journal of Clinical Investigation*, **2012**, 122, 3900-13	15.9	143
42	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
41	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
40	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
39	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. *Cell*, **2016**, 167, 843-857.e14	56.2	114
38	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
37	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
36	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. *Molecular Metabolism*, **2016**, 5, 844-857	8.8	94
35	IL-6 and IGF-1 are independent prognostic factors of liver steatosis and non-alcoholic steatohepatitis in morbidly obese patients. *Obesity Surgery*, **2007**, 17, 493-503	3.7	86
34	GLP-1/glucagon receptor co-agonism for treatment of obesity. *Diabetologia*, **2017**, 60, 1851-1861	10.3	84
33	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
32	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
31	Metabolic dysfunction in polycystic ovary syndrome: Pathogenic role of androgen excess and potential therapeutic strategies. *Molecular Metabolism*, **2020**, 35, 100937	8.8	72
30	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

29	Metabolic programming of puberty: sexually dimorphic responses to early nutritional challenges. *Endocrinology*, **2013**, 154, 3387-400	4.8	68
28	Alterations in hypothalamic KiSS-1 system in experimental diabetes: early changes and functional consequences. *Endocrinology*, **2009**, 150, 784-94	4.8	62
27	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
26	Obesity-induced hypogonadism in the male: premature reproductive neuroendocrine senescence and contribution of Kiss1-mediated mechanisms. *Endocrinology*, **2014**, 155, 1067-79	4.8	50
25	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, E54-61	6	48
24	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. *Endocrinology*, **2016**, 157, 4888-4898	4.8	47
23	Fibroblast activation protein (FAP) as a novel metabolic target. *Molecular Metabolism*, **2016**, 5, 1015-1028	4.8	44
22	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
21	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
20	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
19	Renaissance of leptin for obesity therapy. *Diabetologia*, **2016**, 59, 920-7	10.3	23
18	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
17	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
16	Characterization of the reproductive effects of the anorexigenic VGF-derived peptide TLQP-21: in vivo and in vitro studies in male rats. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 300, E837-47	6	22
15	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
14	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
13	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
12	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

11	Tetrahydrocannabinolic acid A (THCA-A) reduces adiposity and prevents metabolic disease caused by diet-induced obesity. *Biochemical Pharmacology*, **2020**, 171, 113693	6	18
10	The Ppz protein phosphatases regulate Trk-independent potassium influx in yeast. *FEBS Letters*, **2004**, 578, 58-62	3.8	14
9	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
8	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
7	VCE-004.8, A Multitarget Cannabinoquinone, Attenuates Adipogenesis and Prevents Diet-Induced Obesity. *Scientific Reports*, **2018**, 8, 16092	4.9	10
6	Interleukin-6 is associated with liver lipid homeostasis but not with cell death in experimental hepatic steatosis. *Innate Immunity*, **2009**, 15, 337-49	2.7	8
5	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
4	Neonatal events, such as androgenization and postnatal overfeeding, modify the response to ghrelin. *Scientific Reports*, **2014**, 4, 4855	4.9	5
3	Phosphorylated S6K1 (Thr389) is a molecular adipose tissue marker of altered glucose tolerance. *Journal of Nutritional Biochemistry*, **2013**, 24, 32-8	6.3	5
2	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. *Aging*, **2020**, 12, 19979-20000	5.6	5
1	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