

# David Garcia Galiano

## List of Publications by Citations

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57  
papers

3,123  
citations

32  
h-index

55  
g-index

58  
ext. papers

3,532  
ext. citations

5.8  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
57	Regulation of NKB pathways and their roles in the control of Kiss1 neurons in the arcuate nucleus of the male mouse. <i>Endocrinology</i> , <b>2011</b> , 152, 4265-75	4.8	193
56	The mammalian target of rapamycin as novel central regulator of puberty onset via modulation of hypothalamic Kiss1 system. <i>Endocrinology</i> , <b>2009</b> , 150, 5016-26	4.8	165
55	Critical roles of kisspeptins in female puberty and preovulatory gonadotropin surges as revealed by a novel antagonist. <i>Endocrinology</i> , <b>2010</b> , 151, 722-30	4.8	162
54	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. <i>Endocrinology</i> , <b>2011</b> , 152, 3396-408	4.8	141
53	Metabolic control of puberty onset: new players, new mechanisms. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 324, 87-94	4.4	135
52	Kisspeptin signaling is indispensable for neurokinin B, but not glutamate, stimulation of gonadotropin secretion in mice. <i>Endocrinology</i> , <b>2012</b> , 153, 316-28	4.8	134
51	Role of neurokinin B in the control of female puberty and its modulation by metabolic status. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 2388-97	6.6	125
50	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. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E39-46	6	114
49	Sex steroids and the control of the Kiss1 system: developmental roles and major regulatory actions. <i>Journal of Neuroendocrinology</i> , <b>2012</b> , 24, 22-33	3.8	110
48	Persistent impairment of hypothalamic KiSS-1 system after exposures to estrogenic compounds at critical periods of brain sex differentiation. <i>Endocrinology</i> , <b>2009</b> , 150, 2359-67	4.8	106
47	The anorexigenic neuropeptide, nesfatin-1, is indispensable for normal puberty onset in the female rat. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 7783-92	6.6	103
46	Expanding roles of NUCB2/nesfatin-1 in neuroendocrine regulation. <i>Journal of Molecular Endocrinology</i> , <b>2010</b> , 45, 281-90	4.5	97
45	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 844-857	8.8	94
44	IL-6 and IGF-1 are independent prognostic factors of liver steatosis and non-alcoholic steatohepatitis in morbidly obese patients. <i>Obesity Surgery</i> , <b>2007</b> , 17, 493-503	3.7	86
43	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. <i>Endocrinology</i> , <b>2010</b> , 151, 1902-13	4.8	80
42	Physiological roles of gonadotropin-inhibitory hormone signaling in the control of mammalian reproductive axis: studies in the NPFF1 receptor null mouse. <i>Endocrinology</i> , <b>2014</b> , 155, 2953-65	4.8	77
41	Desensitization of gonadotropin responses to kisspeptin in the female rat: analyses of LH and FSH secretion at different developmental and metabolic states. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E1088-96	6	76

40	Cellular distribution, regulated expression, and functional role of the anorexigenic peptide, NUCB2/nesfatin-1, in the testis. <i>Endocrinology</i> , <b>2012</b> , 153, 1959-71	4.8	71
39	Neuroendocrine factors in the initiation of puberty: the emergent role of kisspeptin. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2007</b> , 8, 11-20	10.5	70
38	Kisspeptin receptor haplo-insufficiency causes premature ovarian failure despite preserved gonadotropin secretion. <i>Endocrinology</i> , <b>2014</b> , 155, 3088-97	4.8	68
37	Metabolic programming of puberty: sexually dimorphic responses to early nutritional challenges. <i>Endocrinology</i> , <b>2013</b> , 154, 3387-400	4.8	68
36	Alterations in hypothalamic KiSS-1 system in experimental diabetes: early changes and functional consequences. <i>Endocrinology</i> , <b>2009</b> , 150, 784-94	4.8	62
35	Neurokinin B and the control of the gonadotropic axis in the rat: developmental changes, sexual dimorphism, and regulation by gonadal steroids. <i>Endocrinology</i> , <b>2012</b> , 153, 4818-29	4.8	61
34	Hypothalamic action of phoenixin to control reproductive hormone secretion in females: importance of the orphan G protein-coupled receptor Gpr173. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 311, R489-96	3.2	61
33	Loss of Ntrk2/Kiss1r signaling in oocytes causes premature ovarian failure. <i>Endocrinology</i> , <b>2014</b> , 155, 3098-111	4.8	54
32	Direct Actions of Kisspeptins on GnRH Neurons Permit Attainment of Fertility but are Insufficient to Fully Preserve Gonadotropic Axis Activity. <i>Scientific Reports</i> , <b>2016</b> , 6, 19206	4.9	51
31	Obesity-induced hypogonadism in the male: premature reproductive neuroendocrine senescence and contribution of Kiss1-mediated mechanisms. <i>Endocrinology</i> , <b>2014</b> , 155, 1067-79	4.8	50
30	Acute inflammation reduces kisspeptin immunoreactivity at the arcuate nucleus and decreases responsiveness to kisspeptin independently of its anorectic effects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E54-61	6	48
29	Follicle-stimulating hormone responses to kisspeptin in the female rat at the preovulatory period: modulation by estrogen and progesterone receptors. <i>Endocrinology</i> , <b>2008</b> , 149, 5783-90	4.8	36
28	Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E10758-E10767	11.5	34
27	Effects and interactions of tachykinins and dynorphin on FSH and LH secretion in developing and adult rats. <i>Endocrinology</i> , <b>2015</b> , 156, 576-88	4.8	33
26	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. <i>Endocrinology</i> , <b>2013</b> , 154, 1321-36	4.8	32
25	Emerging roles of NUCB2/nesfatin-1 in the metabolic control of reproduction. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 6966-72	3.3	28
24	Gonadal hormone-dependent vs. -independent effects of kisspeptin signaling in the control of body weight and metabolic homeostasis. <i>Metabolism: Clinical and Experimental</i> , <b>2019</b> , 98, 84-94	12.7	24
23	Hypothalamic growth hormone receptor (GHR) controls hepatic glucose production in nutrient-sensing leptin receptor (LepRb) expressing neurons. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 393-405	8.8	23

22	Obesity and High-Fat Diet Induce Distinct Changes in Placental Gene Expression and Pregnancy Outcome. <i>Endocrinology</i> , <b>2018</b> , 159, 1718-1733	4.8	23
21	Differential modulation of gonadotropin responses to kisspeptin by aminoacidergic, peptidergic, and nitric oxide neurotransmission. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 303, E1252-63	6	23
20	Characterization of the reproductive effects of the anorexigenic VGF-derived peptide TLQP-21: in vivo and in vitro studies in male rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E837-47	6	22
19	PI3K p110 $\beta$ subunit in leptin receptor expressing cells is required for the acute hypophagia induced by endotoxemia. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 379-391	8.8	19
18	Obesity-Induced Infertility in Male Mice Is Associated With Disruption of Crisp4 Expression and Sperm Fertilization Capacity. <i>Endocrinology</i> , <b>2017</b> , 158, 2930-2943	4.8	19
17	Crowding and Follicular Fate: Spatial Determinants of Follicular Reserve and Activation of Follicular Growth in the Mammalian Ovary. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144099	3.7	19
16	Role of the adipocyte-derived hormone leptin in reproductive control. <i>Hormone Molecular Biology and Clinical Investigation</i> , <b>2014</b> , 19, 141-9	1.3	18
15	Exome Sequencing Reveals the POLR3H Gene as a Novel Cause of Primary Ovarian Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2827-2841	5.6	17
14	Tyrosine Hydroxylase Neurons Regulate Growth Hormone Secretion via Short-Loop Negative Feedback. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 4309-4322	6.6	15
13	PI3K $\alpha$ inactivation in leptin receptor cells increases leptin sensitivity but disrupts growth and reproduction. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	15
12	AMPK $\alpha$ in Kiss1 Neurons Is Required for Reproductive Adaptations to Acute Metabolic Challenges in Adult Female Mice. <i>Endocrinology</i> , <b>2016</b> , 157, 4803-4816	4.8	13
11	Leptin receptor null mice with reexpression of LepR in GnRHR expressing cells display elevated FSH levels but remain in a prepubertal state. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R1258-66	3.2	13
10	Sexually dimorphic distribution of Prokr2 neurons revealed by the Prokr2-Cre mouse model. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 4111-4129	4	8
9	PI3K signalling in leptin receptor cells: Role in growth and reproduction. <i>Journal of Neuroendocrinology</i> , <b>2019</b> , 31, e12685	3.8	8
8	Hypothalamic and Cell-Specific Transcriptomes Unravel a Dynamic Neuropil Remodeling in Leptin-Induced and Typical Pubertal Transition in Female Mice. <i>iScience</i> , <b>2020</b> , 23, 101563	6.1	5
7	ER $\beta$ signaling in GHRH/Kiss1 Dual-Phenotype Neurons Plays Sex-Specific Roles in Growth and Puberty. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 9455-9466	6.6	4
6	Critical Roles of Kisspeptin in Female Puberty and Preovulatory Gonadotropin Surges as Revealed by a Novel Antagonist. <i>Endocrine Reviews</i> , <b>2009</b> , 30, 928-929	27.2	2
5	Dissociated and Cre Expression in Lactating -Cre BAC Transgenic Mice. <i>Frontiers in Neuroanatomy</i> , <b>2020</b> , 14, 60	3.6	2

4	Insulin signaling in LepR cells modulates fat and glucose homeostasis independent of leptin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E121-E134	6	2
3	AMP-activated protein kinase (AMPK) signaling in GnRH neurons links energy status and reproduction. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 115, 154460	12.7	2
2	PI3K signaling pathway in leptin receptor expressing cells is not required for endotoxemia-induced hypophagia (LB764). <i>FASEB Journal</i> , <b>2014</b> , 28, LB764	0.9	
1	Protocol to extract actively translated mRNAs from mouse hypothalamus by translating ribosome affinity purification. <i>STAR Protocols</i> , <b>2021</b> , 2, 100589	1.4	