

# Lucas Gonzalez-Matas

## List of Publications by Citations

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44  
papers

1,493  
citations

20  
h-index

38  
g-index

46  
ext. papers

1,633  
ext. citations

4.9  
avg, IF

3.87  
L-index

#	Paper	IF	Citations
44	Leptin inhibits testosterone secretion from adult rat testis in vitro. <i>Journal of Endocrinology</i> , <b>1999</b> , 161, 211-8	4.7	180
43	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. <i>Journal of Endocrinology</i> , <b>2001</b> , 170, 413-23	4.7	119
42	Activation of the GLP-1 Receptor by Liraglutide Increases ACE2 Expression, Reversing Right Ventricle Hypertrophy, and Improving the Production of SP-A and SP-B in the Lungs of Type 1 Diabetes Rats. <i>Endocrinology</i> , <b>2015</b> , 156, 3559-69	4.8	109
41	Leptin(116-130) stimulates prolactin and luteinizing hormone secretion in fasted adult male rats. <i>Neuroendocrinology</i> , <b>1999</b> , 70, 213-20	5.6	101
40	Exendin-4 potently decreases ghrelin levels in fasting rats. <i>Diabetes</i> , <b>2007</b> , 56, 143-51	0.9	79
39	Developmental and hormonal regulation of leptin receptor (Ob-R) messenger ribonucleic acid expression in rat testis. <i>Biology of Reproduction</i> , <b>2001</b> , 64, 634-43	3.9	65
38	Regulation of serum leptin levels by gonadal function in rats. <i>European Journal of Endocrinology</i> , <b>1999</b> , 140, 468-73	6.5	63
37	Neuroactive steroids influence peripheral myelination: a promising opportunity for preventing or treating age-dependent dysfunctions of peripheral nerves. <i>Progress in Neurobiology</i> , <b>2003</b> , 71, 57-66	10.9	62
36	GLP-1(7-36)-amide and Exendin-4 stimulate the HPA axis in rodents and humans. <i>Endocrinology</i> , <b>2010</b> , 151, 2629-40	4.8	61
35	Neonatal exposure to estrogen differentially alters estrogen receptor alpha and beta mRNA expression in rat testis during postnatal development. <i>Journal of Endocrinology</i> , <b>2000</b> , 165, 345-57	4.7	59
34	Exendin-4 increases blood glucose levels acutely in rats by activation of the sympathetic nervous system. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E1088-96	6	39
33	Neonatal imprinting and regulation of estrogen receptor alpha and beta mRNA expression by estrogen in the pituitary and hypothalamus of the male rat. <i>Neuroendocrinology</i> , <b>2001</b> , 73, 12-25	5.6	37
32	Sex-dimorphic effects of progesterone and its reduced metabolites on gene expression of myelin proteins by rat Schwann cells. <i>Journal of the Peripheral Nervous System</i> , <b>2006</b> , 11, 111-8	4.7	36
31	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. <i>European Journal of Endocrinology</i> , <b>2000</b> , 142, 406-10	6.5	36
30	Pulmonary GLP-1 receptor increases at birth and exogenous GLP-1 receptor agonists augmented surfactant-protein levels in litters from normal and nitrofen-treated pregnant rats. <i>Endocrinology</i> , <b>2013</b> , 154, 1144-55	4.8	32
29	Effects of neuroactive steroids on myelin of peripheral nervous system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2003</b> , 85, 323-7	5.1	30
28	GLP-1 Increases Preovulatory LH Source and the Number of Mature Follicles, As Well As Synchronizing the Onset of Puberty in Female Rats. <i>Endocrinology</i> , <b>2015</b> , 156, 4226-37	4.8	29

27	The synthesis of glycoprotein Po and peripheral myelin protein 22 in sciatic nerve of male rats is modulated by testosterone metabolites. <i>Molecular Brain Research</i> , <b>2004</b> , 126, 67-73		28
26	Homologous and heterologous down-regulation of leptin receptor messenger ribonucleic acid in rat adrenal gland. <i>Journal of Endocrinology</i> , <b>2000</b> , 167, 479-86	4.7	28
25	Comparative effects of testosterone propionate, oestradiol benzoate, ICI 182,780, tamoxifen and raloxifene on hypothalamic differentiation in the female rat. <i>Journal of Endocrinology</i> , <b>2002</b> , 172, 441-8	4.7	25
24	Liraglutide Enhances the Activity of the ACE-2/Ang(1-7)/Mas Receptor Pathway in Lungs of Male Pups from Food-Restricted Mothers and Prevents the Reduction of SP-A. <i>International Journal of Endocrinology</i> , <b>2018</b> , 2018, 6920620	2.7	20
23	Effects of prolonged exendin-4 administration on hypothalamic-pituitary-adrenal axis activity and water balance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1105-17	6	19
22	Effects of systemic blockade of nitric oxide synthases on pulsatile LH, prolactin, and GH secretion in adult male rats. <i>Hormone Research in Paediatrics</i> , <b>2001</b> , 55, 229-35	3.3	19
21	Regulation of growth hormone (GH) secretion by different glutamate receptor subtypes in the rat. <i>Amino Acids</i> , <b>2000</b> , 18, 1-16	3.5	18
20	Role of alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid receptors in the control of prolactin, growth hormone and gonadotropin secretion in prepubertal rats. <i>Journal of Endocrinology</i> , <b>1999</b> , 162, 417-24	4.7	18
19	The GLP-1 analog, liraglutide prevents the increase of proinflammatory mediators in the hippocampus of male rat pups submitted to maternal perinatal food restriction. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 337	10.1	18
18	Stressing diabetes? The hidden links between insulinotropic peptides and the HPA axis. <i>Journal of Endocrinology</i> , <b>2016</b> , 230, R77-94	4.7	17
17	Corticotropin-releasing hormone and the sympathoadrenal system are major mediators in the effects of peripherally administered exendin-4 on the hypothalamic-pituitary-adrenal axis of male rats. <i>Endocrinology</i> , <b>2014</b> , 155, 2511-23	4.8	16
16	Cross-talk between excitatory and inhibitory amino acids in the regulation of growth hormone secretion in neonatal rats. <i>Neuroendocrinology</i> , <b>2001</b> , 73, 62-7	5.6	16
15	Gonadal and age-related influences on NMDA-induced growth hormone secretion in male rats. <i>Neuroendocrinology</i> , <b>1999</b> , 69, 11-9	5.6	15
14	Activation of AMPA receptors inhibits prolactin and estradiol secretion and delays the onset of puberty in female rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2000</b> , 75, 277-81	5.1	11
13	Evidence for an estrogen-like action of raloxifene upon the hypothalamic-pituitary unit: raloxifene inhibits luteinizing hormone secretion and stimulates prolactin secretion in ovariectomized female rats. <i>Neuroscience Letters</i> , <b>2001</b> , 311, 149-52	3.3	11
12	Differential neonatal imprinting and regulation by estrogen of estrogen receptor subtypes alpha and beta and of the truncated estrogen receptor product (TERP-1) mRNA expression in the male rat pituitary. <i>Neuroendocrinology</i> , <b>2001</b> , 74, 347-58	5.6	11
11	Effect of acute immunoneutralization of endogenous leptin on prolactin and LH secretion during the afternoon of pro-oestrus or in steroid-treated ovariectomized female rats. <i>Reproduction</i> , <b>2000</b> , 39-45	3.8	9
10	Glucagon-Like Peptide-1 (GLP-1) in the Integration of Neural and Endocrine Responses to Stress. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	8

9	5-HT1 and 5-HT2 receptor activation reduces N-methyl-D-aspartate (NMDA)-stimulated LH secretion in prepubertal male and female rats. <i>European Journal of Endocrinology</i> , <b>2003</b> , 148, 121-7	6.5	7
8	Regulation of prolactin secretion by alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid receptors in male rats. <i>Journal of Endocrinology</i> , <b>2000</b> , 166, 669-75	4.7	7
7	GLP-1 receptor agonist ameliorates experimental lung fibrosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 18091	4.9	6
6	Interactions between GABAergic and aminoacidergic pathways in the control of gonadotropin and GH secretion in pre-pubertal female rats. <i>Journal of Endocrinological Investigation</i> , <b>2002</b> , 25, 96-100	5.2	5
5	Interactions between serotonergic and aminoacidergic pathways in the control of PRL secretion in prepubertal male rats. <i>Journal of Physiology and Biochemistry</i> , <b>2001</b> , 57, 237-44	5	4
4	5-HT1 and 5-HT2 receptor agonists blunt +/- -alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid (AMPA)-stimulated GH secretion in prepubertal male rats. <i>European Journal of Endocrinology</i> , <b>2001</b> , 144, 535-41	6.5	4
3	Perinatal Undernutrition, Metabolic Hormones, and Lung Development. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	3
2	Effects of Glucagon-like peptide 1 (GLP-1) analogs in the hippocampus.. <i>Vitamins and Hormones</i> , <b>2022</b> , 118, 457-478	2.5	0
1	Renin-Angiotensin System in Liver Metabolism: Gender Differences and Role of Incretins. <i>Metabolites</i> , <b>2022</b> , 12, 411	5.6	0