

Lucas González-Matás

List of Publications by Year in descending order

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47
papers

1,887
citations

279798

23
h-index

254184

43
g-index

48
all docs

48
docs citations

48
times ranked

2069
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin inhibits testosterone secretion from adult rat testis in vitro. <i>Journal of Endocrinology</i> , 1999, 161, 211-218.	2.6	194
2	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> , 2015, 156, 3559-3569.	2.8	146
3	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> , 2001, 170, 413-423.	2.6	122
4	Leptin ¹¹⁶ Stimulates Prolactin and Luteinizing Hormone Secretion in Fasted Adult Male Rats. <i>Neuroendocrinology</i> , 1999, 70, 213-220.	2.5	116
5	Novel Expression and Functional Role of Ghrelin in Rat Testis. <i>Endocrinology</i> , 2002, 143, 717-725.	2.8	106
6	Exendin-4 Potently Decreases Ghrelin Levels in Fasting Rats. <i>Diabetes</i> , 2007, 56, 143-151.	0.6	89
7	Regulation of serum leptin levels by gonadal function in rats. <i>European Journal of Endocrinology</i> , 1999, 140, 468-473.	3.7	78
8	GLP-1(7-36)-amide and Exendin-4 Stimulate the HPA Axis in Rodents and Humans. <i>Endocrinology</i> , 2010, 151, 2629-2640.	2.8	72
9	Neuroactive steroids influence peripheral myelination: a promising opportunity for preventing or treating age-dependent dysfunctions of peripheral nerves. <i>Progress in Neurobiology</i> , 2003, 71, 57-66.	5.7	70
10	Developmental and Hormonal Regulation of Leptin Receptor (Ob-R) Messenger Ribonucleic Acid Expression in Rat Testis. <i>Biology of Reproduction</i> , 2001, 64, 634-643.	2.7	68
11	Neonatal exposure to estrogen differentially alters estrogen receptor alpha and beta mRNA expression in rat testis during postnatal development. <i>Journal of Endocrinology</i> , 2000, 165, 345-357.	2.6	64
12	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> , 2010, 298, E1088-E1096.	3.5	49
13	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> , 2015, 156, 4226-4237.	2.8	47
14	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> , 2013, 154, 1144-1155.	2.8	46
15	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> , 2000, 142, 406-410.	3.7	42
16	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> , 2001, 73, 12-25.	2.5	39
17	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> , 2006, 11, 111-118.	3.1	39
18	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> , 2002, 172, 441-448.	2.6	31

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19	Effects of neuroactive steroids on myelin of peripheral nervous system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 323-327.	2.5	31
20	Homologous and heterologous down-regulation of leptin receptor messenger ribonucleic acid in rat adrenal gland. <i>Journal of Endocrinology</i> , 2000, 167, 479-486.	2.6	29
21	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> , 2018, 2018, 1-9.	1.5	29
22	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> , 2004, 126, 67-73.	2.3	28
23	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> , 2018, 15, 337.	7.2	27
24	Stressing diabetes? The hidden links between insulinotropic peptides and the HPA axis. <i>Journal of Endocrinology</i> , 2016, 230, R77-R94.	2.6	23
25	Effects of prolonged exendin-4 administration on hypothalamic-pituitary-adrenal axis activity and water balance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1105-E1117.	3.5	22
26	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> , 2001, 55, 229-235.	1.8	21
27	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> , 2014, 155, 2511-2523.	2.8	21
28	Glucagon-Like Peptide-1 (GLP-1) in the Integration of Neural and Endocrine Responses to Stress. <i>Nutrients</i> , 2020, 12, 3304.	4.1	21
29	Regulation of Growth Hormone (GH) secretion by different glutamate receptor subtypes in the rat. <i>Amino Acids</i> , 2000, 18, 1-16.	2.7	20
30	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> , 1999, 162, 417-424.	2.6	19
31	GLP-1 receptor agonist ameliorates experimental lung fibrosis. <i>Scientific Reports</i> , 2020, 10, 18091.	3.3	18
32	Gonadal and Age-Related Influences on NMDA-Induced Growth Hormone Secretion in Male Rats. <i>Neuroendocrinology</i> , 1999, 69, 11-19.	2.5	16
33	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> , 2001, 311, 149-152.	2.1	16
34	Cross-Talk between Excitatory and Inhibitory Amino Acids in the Regulation of Growth Hormone Secretion in Neonatal Rats. <i>Neuroendocrinology</i> , 2001, 73, 62-67.	2.5	16
35	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> , 2000, 75, 277-281.	2.5	12
36	Differential Neonatal Imprinting and Regulation by Estrogen of Estrogen Receptor Subtypes $\hat{1}\alpha$ and $\hat{1}\beta$ and of the Truncated Estrogen Receptor Product (TERP-1) mRNA Expression in the Male Rat Pituitary. <i>Neuroendocrinology</i> , 2001, 74, 347-358.	2.5	12

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37	Perinatal Undernutrition, Metabolic Hormones, and Lung Development. <i>Nutrients</i> , 2019, 11, 2870.	4.1	11
38	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> , 2000, , 39-45.	2.6	9
39	Renin-Angiotensin System in Liver Metabolism: Gender Differences and Role of Incretins. <i>Metabolites</i> , 2022, 12, 411.	2.9	9
40	Regulation of prolactin secretion by alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid receptors in male rats. <i>Journal of Endocrinology</i> , 2000, 166, 669-675.	2.6	7
41	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> , 2003, 148, 121-127.	3.7	7
42	Regulation of Growth Hormone Secretion by α -Amino-3-Hydroxy-5-Methylisoxazole-4-Propionic Acid Receptors in Infantile, Prepubertal, and Adult Male Rats. <i>Endocrinology</i> , 1999, 140, 1279-1284.	2.8	7
43	Effects of Glucagon-like peptide 1 (GLP-1) analogs in the hippocampus. <i>Vitamins and Hormones</i> , 2022, 118, 457-478.	1.7	7
44	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> , 2002, 25, 96-100.	3.3	6
45	Interactions between serotonergic and aminoacidergic pathways in the control of PRL secretion in prepubertal male rats. <i>Journal of Physiology and Biochemistry</i> , 2001, 57, 237-244.	3.0	5
46	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> , 2001, 144, 535-541.	3.7	5
47	Oestrogenic effects of neonatal administration of raloxifene on hypothalamic-pituitary-gonadal axis in male and female rats. <i>Reproduction</i> , 2001, 121, 915-924.	2.6	0