Raul M Luque

List of Publications by Year
in descending order

199 papers	6,450 citations	57758 44 h-index	98798 67 g-index
208 all docs	208 docs citations	208 times ranked	5663 citing authors

#	Article	IF	Citations
1	Regulation of Hypothalamic Expression of KiSS-1 and GPR54 Genes by Metabolic Factors: Analyses Using Mouse Models and a Cell Line. Endocrinology, 2007, 148, 4601-4611.	2.8	235
2	Quantitative analysis of somatostatin receptor subtype (SSTR1â€“5) gene expression levels in somatotropinomas and non-functioning pituitary adenomas. European Journal of Endocrinology, 2007, 156, 65-74.	3.7	196
3	Quantitative analysis of somatostatin receptor subtypes (1â€“5) gene expression levels in somatotropinomas and correlation to in vivo hormonal and tumor volume responses to treatment with octreotide LAR. European Journal of Endocrinology, 2008, 158, 295-303.	3.7	160
4	KiSS-1/kisspeptins and the metabolic control of reproduction: Physiologic roles and putative physiopathological implications. Peptides, 2009, 30, 139-145.	2.4	149
5	Impact of Obesity on the Growth Hormone Axis: Evidence for a Direct Inhibitory Effect of Hyperinsulinemia on Pituitary Function. Endocrinology, 2006, 147, 2754-2763.	2.8	135
6	Intracellular Signaling Mechanisms Mediating Ghrelin-Stimulated Growth Hormone Release in Somatotropes. Endocrinology, 2003, 144, 5372-5380.	2.8	132
7	Identification and Characterization of Two Novel Truncated but Functional Isoforms of the Somatostatin Receptor Subtype 5 Differentially Present in Pituitary Tumors. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2634-2643.	3.6	125
8	Expression Analysis of Dopamine Receptor Subtypes in Normal Human Pituitaries, Nonfunctioning Pituitary Adenomas and Somatotropinomas, and the Association between Dopamine and Somatostatin Receptors with Clinical Response to Octreotide-LAR in Acromegaly. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1931-1937.	3.6	120
9	Metabolic regulation of ghrelin O-acyl transferase (GOAT) expression in the mouse hypothalamus, pituitary, and stomach. Molecular and Cellular Endocrinology, 2010, 317, 154-160.	3.2	101
10	Role of ghrelin system in neuroprotection and cognitive functions: Implications in Alzheimer's disease. Peptides, 2011, 32, 2225-2228.	2.4	91
11	Expression of the Ghrelin and Neurotensin Systems is Altered in the Temporal Lobe of Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2010, 22, 819-828.	2.6	89
12	Understanding the Multifactorial Control of Growth Hormone Release by Somatotropes. Annals of the New York Academy of Sciences, 2009, 1163, 137-153.	3.8	88
13	A Potential Inhibitory Role for the New Truncated Variant of Somatostatin Receptor 5, sst5TMD4, in Pituitary Adenomas Poorly Responsive to Somatostatin Analogs. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2497-2502.	3.6	88
14	The Adult Pituitary Shows Stem/Progenitor Cell Activation in Response to Injury and Is Capable of Regeneration. Endocrinology, 2012, 153, 3224-3235.	2.8	87
15	Kisspeptin Regulates Gonadotroph and Somatotroph Function in Nonhuman Primate Pituitary via Common and Distinct Signaling Mechanisms. Endocrinology, 2011, 152, 957-966.	2.8	85
16	A plasma circulating miRNAs profile predicts type 2 diabetes mellitus and prediabetes: from the CORDIOPREV study. Experimental and Molecular Medicine, 2018, 50, 1-12.	7.7	80
17	Obestatin regulates adipocyte function and protects against dietâ€induced insulin resistance and inflammation. FASEB Journal, 2012, 26, 3393-3411.	0.5	79
18	Ghrelin gene products, receptors, and GOAT enzyme: biological and pathophysiological insight. Journal of Endocrinology, 2014, 220, R1-R24.	2.6	75

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19	Severity of the Catabolic Condition Differentially Modulates Hypothalamic Expression of Growth Hormone-Releasing Hormone in the Fasted Mouse: Potential Role of Neuropeptide Y and Corticotropin-Releasing Hormone. Endocrinology, 2007, 148, 300-309.	2.8	74
20	Effects of leptin replacement on hypothalamic-pituitary growth hormone axis function and circulating ghrelin levels in ob/ob mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E891-E899.	3.5	72
21	Truncated somatostatin receptor variant sst5TMD4 confers aggressive features (proliferation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	7.2	72
22	Dysregulation of the splicing machinery is directly associated to aggressiveness of prostate cancer. EBioMedicine, 2020, 51, 102547.	6.1	71
23	Evidence that endogenous SST inhibits ACTH and ghrelin expression by independent pathways. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E395-E403.	3.5	69
24	Expression of Somatostatin, Cortistatin, and Their Receptors, as well as Dopamine Receptors, but not of Neprilysin, are Reduced in the Temporal Lobe of Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2010, 20, 465-475.	2.6	67
25	A Novel Human Ghrelin Variant (In1-Ghrelin) and Ghrelin-O-Acyltransferase Are Overexpressed in Breast Cancer: Potential Pathophysiological Relevance. PLoS ONE, 2011, 6, e23302.	2.5	67
26	Somatostatin and its receptors from fish to mammals. Annals of the New York Academy of Sciences, 2010, 1200, 43-52.	3.8	66
27	Reporter Expression, Induced by a Growth Hormone Promoter-Driven Cre Recombinase (rGHp-Cre) Transgene, Questions the Developmental Relationship between Somatotropes and Lactotropes in the Adult Mouse Pituitary Gland. Endocrinology, 2007, 148, 1946-1953.	2.8	63
28	Octreotide and pasireotide (dis)similarly inhibit pituitary tumor cells in vitro. Journal of Endocrinology, 2016, 231, 135-145.	2.6	62
29	Examination of the direct effects of metabolic factors on somatotrope function in a non-human primate model, Papio anubis. Journal of Molecular Endocrinology, 2006, 37, 25-38.	2.5	60
30	Evidence that Ghrelin Is as Potent as Growth Hormone (GH)-Releasing Hormone (GHRH) in Releasing GH from Primary Pituitary Cell Cultures of a Nonhuman Primate (Papio anubis), Acting through Intracellular Signaling Pathways Distinct from GHRH. Endocrinology, 2007, 148, 4440-4449.	2.8	60
31	Metabolic Impact of Adult-Onset, Isolated, Growth Hormone Deficiency (AOiGHD) Due to Destruction of Pituitary Somatotropes. PLoS ONE, 2011, 6, e15767.	2.5	60
32	Identification and characterization of new functional truncated variants of somatostatin receptor subtype 5 in rodents. Cellular and Molecular Life Sciences, 2010, 67, 1147-1163.	5.4	59
33	Cortistatin Is Not a Somatostatin Analogue but Stimulates Prolactin Release and Inhibits GH and ACTH in a Gender-Dependent Fashion: Potential Role of Ghrelin. Endocrinology, 2011, 152, 4800-4812.	2.8	59
34	Both Estrogen Receptor Î± and Î² Stimulate Pituitary GH Gene Expression. Molecular Endocrinology, 2014, 28, 40-52.	3.7	58
35	Are somatostatin and cortistatin two siblings in regulating endocrine secretions? In vitro work ahead. Molecular and Cellular Endocrinology, 2008, 286, 128-134.	3.2	57
36	A Cellular and Molecular Basis for the Selective Desmopressin-Induced ACTH Release in Cushing Disease Patients: Key Role of AVPR1b Receptor and Potential Therapeutic Implications. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4160-4169.	3.6	56

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37	Obesity-Induced Hypogonadism in the Male: Premature Reproductive Neuroendocrine Senescence and Contribution of Kiss1-Mediated Mechanisms. Endocrinology, 2014, 155, 1067-1079.	2.8	56
38	Adipocyte-derived extracellular vesicles regulate survival and function of pancreatic Î² cells. JCI Insight, 2021, 6, .	5.0	55
39	Targeted Systemic Treatment of Neuroendocrine Tumors: Current Options and Future Perspectives. Drugs, 2019, 79, 21-42.	10.9	54
40	Splicing machinery dysregulation drives glioblastoma development/aggressiveness: oncogenic role of SRSF3. Brain, 2020, 143, 3273-3293.	7.6	54
41	Homologous and Heterologous Regulation of Pituitary Receptors for Ghrelin and Growth Hormone-Releasing Hormone. Endocrinology, 2004, 145, 3182-3189.	2.8	53
42	In1-ghrelin splicing variant is overexpressed in pituitary adenomas and increases their aggressive features. Scientific Reports, 2015, 5, 8714.	3.3	53
43	Dysregulation of the Splicing Machinery Is Associated to the Development of Nonalcoholic Fatty Liver Disease. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3389-3402.	3.6	52
44	Recurrent Germline DLST Mutations in Individuals with Multiple Pheochromocytomas and Paragangliomas. American Journal of Human Genetics, 2019, 104, 651-664.	6.2	51
45	Identification of a mouse ghrelin gene transcript that contains intron 2 and is regulated in the pituitary and hypothalamus in response to metabolic stress. Journal of Molecular Endocrinology, 2007, 38, 511-521.	2.5	50
46	Splicing factor SF3B1 is overexpressed and implicated in the aggressiveness and survival of hepatocellular carcinoma. Cancer Letters, 2021, 496, 72-83.	7.2	48
47	Targeted Deletion of Somatotroph Insulin-Like Growth Factor-I Signaling in a Cell-Specific Knockout Mouse Model. Molecular Endocrinology, 2010, 24, 1077-1089.	3.7	47
48	Spliceosome component SF3B1 as novel prognostic biomarker and therapeutic target for prostate cancer. Translational Research, 2019, 212, 89-103.	5.0	47
49	Truncated somatostatin receptors as new players in somatostatinâ€“cortistatin pathophysiology. Annals of the New York Academy of Sciences, 2011, 1220, 6-15.	3.8	45
50	The Somatotrope as a Metabolic Sensor: Deletion of Leptin Receptors Causes Obesity. Endocrinology, 2011, 152, 69-81.	2.8	45
51	Insulin and IGF-I Inhibit GH Synthesis and Release in Vitro and in Vivo by Separate Mechanisms. Endocrinology, 2013, 154, 2410-2420.	2.8	45
52	Long-term dietary adherence and changes in dietary intake in coronary patients after intervention with a Mediterranean diet or a low-fat diet: the CORDIOPREV randomized trial. European Journal of Nutrition, 2020, 59, 2099-2110.	3.9	45
53	Association between dopamine and somatostatin receptor expression and pharmacological response to somatostatin analogues in acromegaly. Journal of Cellular and Molecular Medicine, 2018, 22, 1640-1649.	3.6	44
54	Nutritional regulation of adipose tissue apolipoprotein E expression. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E203-E209.	3.5	42

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55	Role of endogenous somatostatin in regulating GH output under basal conditions and in response to metabolic extremes. Molecular and Cellular Endocrinology, 2008, 286, 155-168.	3.2	42
56	Adipokines (Leptin, Adiponectin, Resistin) Differentially Regulate All Hormonal Cell Types in Primary Anterior Pituitary Cell Cultures from Two Primate Species. Scientific Reports, 2017, 7, 43537.	3.3	41
57	The oncogenic role of the spliced somatostatin receptor sst5TMD4 variant in prostate cancer. FASEB Journal, 2017, 31, 4682-4696.	0.5	41
58	The oncogenic role of the In1-ghrelin splicing variant in prostate cancer aggressiveness. Molecular Cancer, 2017, 16, 146.	19.2	41
59	Gender-Dependent Role of Endogenous Somatostatin in Regulating Growth Hormone-Axis Function in Mice. Endocrinology, 2007, 148, 5998-6006.	2.8	40
60	Presence of sst5TMD4, a truncated splice variant of the somatostatin receptor subtype 5, is associated to features of increased aggressiveness in pancreatic neuroendocrine tumors. Oncotarget, 2016, 7, 6593-6608.	1.8	39
61	Type 2 Diabetes in Neuroendocrine Tumors: Are Biguanides and Statins Part of the Solution?. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 57-73.	3.6	38
62	Somatostatin and its receptors contribute in a tissue-specific manner to the sex-dependent metabolic (fed/fasting) control of growth hormone axis in mice. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E46-E54.	3.5	34
63	The Somatostatin Analogue Octreotide Inhibits Growth of Small Intestine Neuroendocrine Tumour Cells. PLoS ONE, 2012, 7, e48411.	2.5	34
64	A Somatostatin Receptor Subtype-3 (SST3) Peptide Agonist Shows Antitumor Effects in Experimental Models of Nonfunctioning Pituitary Tumors. Clinical Cancer Research, 2020, 26, 957-969.	7.0	34
65	Somatostatin and somatostatin analogues reduce PDGF-induced endometrial cell proliferation and motility. Human Reproduction, 2012, 27, 2117-2129.	0.9	33
66	Elevated GH/IGF-I, Due to Somatotrope-Specific Loss of Both IGF-I and Insulin Receptors, Alters Glucose Homeostasis and Insulin Sensitivity in a Diet-Dependent Manner. Endocrinology, 2011, 152, 4825-4837.	2.8	32
67	The Rise in Growth Hormone during Starvation Does Not Serve to Maintain Glucose Levels or Lean Mass but Is Required for Appropriate Adipose Tissue Response in Female Mice. Endocrinology, 2013, 154, 263-269.	2.8	32
68	Paradoxical Effect of Cortistatin Treatment and Its Deficiency on Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2013, 191, 2144-2154.	0.8	32
69	Multilayered heterogeneity as an intrinsic hallmark of neuroendocrine tumors. Reviews in Endocrine and Metabolic Disorders, 2018, 19, 179-192.	5.7	32
70	Eâ€cadherin expression is associated with somatostatin analogue response in acromegaly. Journal of Cellular and Molecular Medicine, 2019, 23, 3088-3096.	3.6	32
71	Disruption of Growth Hormone Signaling Retards Prostate Carcinogenesis in the Probasin/TAg Rat. Endocrinology, 2008, 149, 1366-1376.	2.8	31
72	Role of the Kiss1/Kiss1r system in the regulation of pituitary cell function. Molecular and Cellular Endocrinology, 2016, 438, 100-106.	3.2	31

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73	Clinical and functional implication of the components of somatostatin system in gastroenteropancreatic neuroendocrine tumors. Endocrine, 2018, 59, 426-437.	2.3	31
74	In1-ghrelin, a splice variant of ghrelin gene, is associated with the evolution and aggressiveness of human neuroendocrine tumors: Evidence from clinical, cellular and molecular parameters. Oncotarget, 2015, 6, 19619-19633.	1.8	31
75	Identification of the Somatostatin Receptor Subtypes (sst) Mediating the Divergent, Stimulatory/Inhibitory Actions of Somatostatin on Growth Hormone Secretion. Endocrinology, 2006, 147, 2902-2908.	2.8	30
76	Ghrelin O-acyltransferase (GOAT) enzyme is overexpressed in prostate cancer, and its levels are associated with patient's metabolic status: Potential value as a non-invasive biomarker. Cancer Letters, 2016, 383, 125-134.	7.2	30
77	Metformin Reduces Prostate Tumor Growth, in a Diet-Dependent Manner, by Modulating Multiple Signaling Pathways. Molecular Cancer Research, 2017, 15, 862-874.	3.4	30
78	Splicing Machinery is Dysregulated in Pituitary Neuroendocrine Tumors and is Associated with Aggressiveness Features. Cancers, 2019, 11, 1439.	3.7	30
79	Biguanides Exert Antitumoral Actions in Pituitary Tumor Cells Through AMPK-Dependent and -Independent Mechanisms. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3501-3513.	3.6	30
80	Changes in Splicing Machinery Components Influence, Precede, and Early Predict the Development of Type 2 Diabetes: From the CORDIOPREV Study. EBioMedicine, 2018, 37, 356-365.	6.1	29
81	The Truncated Isoform of Somatostatin Receptor5 (sst5TMD4) Is Associated with Poorly Differentiated Thyroid Cancer. PLoS ONE, 2014, 9, e85527.	2.5	29
82	Expression of functional KISS1 and KISS1R system is altered in human pituitary adenomas: evidence for apoptotic action of kisspeptin-10. European Journal of Endocrinology, 2011, 164, 355-362.	3.7	27
83	Metabolic and Gonadotropic Impact of Sequential Obesogenic Insults in the Female: Influence of the Loss of Ovarian Secretion. Endocrinology, 2015, 156, 2984-2998.	2.8	27
84	BIM-23A760 influences key functional endpoints in pituitary adenomas and normal pituitaries: molecular mechanisms underlying the differential response in adenomas. Scientific Reports, 2017, 7, 42002.	3.3	27
85	Breast cancer is associated to impaired glucose/insulin homeostasis in premenopausal obese/overweight patients. Oncotarget, 2017, 8, 81462-81474.	1.8	27
86	CEâ€“MS-based urinary biomarkers to distinguish non-significant from significant prostate cancer. British Journal of Cancer, 2019, 120, 1120-1128.	6.4	25
87	Dysregulated splicing factor SF3B1 unveils a dual therapeutic vulnerability to target pancreatic cancer cells and cancer stem cells with an anti-splicing drug. Journal of Experimental and Clinical Cancer Research, 2021, 40, 382.	8.6	25
88	Long- But Not Short-Term Adult-Onset, Isolated GH Deficiency in Male Mice Leads to Deterioration of Î²-Cell Function, Which Cannot Be Accounted for by Changes in Î²-Cell Mass. Endocrinology, 2014, 155, 726-735.	2.8	24
89	Somatostatin receptor subtype 1 as a potential diagnostic marker and therapeutic target in prostate cancer. Prostate, 2017, 77, 1499-1511.	2.3	24
90	Does the pituitary somatotrope play a primary role in regulating GH output in metabolic extremes?. Annals of the New York Academy of Sciences, 2011, 1220, 82-92.	3.8	23

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91	Truncated somatostatin receptor 5 may modulate therapy response to somatostatin analogues â€" Observations in two patients with acromegaly and severe headache. Growth Hormone and IGF Research, 2015, 25, 262-267.	1.1	23
92	Molecular determinants of the response to medical treatment of growth hormone secreting pituitary neuroendocrine tumors. Minerva Endocrinologica, 2019, 44, 109-128.	1.8	23
93	Long-term consumption of a mediterranean diet or a low-fat diet on kidney function in coronary heart disease patients: The CORDIOPREV randomized controlled trial. Clinical Nutrition, 2022, 41, 552-559.	5.0	23
94	Multiple signaling pathways convey central and peripheral signals to regulate pituitary function: Lessons from human and non-human primate models. Molecular and Cellular Endocrinology, 2018, 463, 4-22.	3.2	22
95	Homologous and heterologous in vitro regulation of pig pituitary somatostatin receptor subtypes, sst1, sst2 and sst5 mRNA. Journal of Molecular Endocrinology, 2004, 32, 437-448.	2.5	21
96	Clinical significance of filamin A in patients with acromegaly and its association with somatostatin and dopamine receptor profiles. Scientific Reports, 2019, 9, 1122.	3.3	21
97	MiRNAs profile as biomarkers of nutritional therapy for the prevention of type 2 diabetes mellitus: From the CORDIOPREV study. Clinical Nutrition, 2021, 40, 1028-1038.	5.0	21
98	A New Generation Somatostatin-Dopamine Analogue Exerts Potent Antitumoral Actions on Pituitary Neuroendocrine Tumor Cells. Neuroendocrinology, 2020, 110, 70-82.	2.5	20
99	Influence of Obesity in the miRNome: miR-4454, a Key Regulator of Insulin Response Via Splicing Modulation in Prostate. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e469-e484.	3.6	20
100	Impact of <i>gsp</i> Oncogene on the mRNA Content for Somatostatin and Dopamine Receptors in Human Somatotropinomas. Neuroendocrinology, 2011, 93, 40-47.	2.5	19
101	Association between radiological parameters and clinical and molecular characteristics in human somatotropinomas. Scientific Reports, 2018, 8, 6173.	3.3	19
102	In1-ghrelin splicing variant is associated with reduced disease-free survival of breast cancer patients and increases malignancy of breast cancer cells lines. Carcinogenesis, 2018, 39, 447-457.	2.8	19
103	Clinical association of metabolic syndrome, Câ€reactive protein and testosterone levels with clinically significant prostate cancer. Journal of Cellular and Molecular Medicine, 2019, 23, 934-942.	3.6	19
104	Clinical, Cellular, and Molecular Evidence of the Additive Antitumor Effects of Biguanides and Statins in Prostate Cancer. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e696-e710.	3.6	19
105	SF3B1 inhibition disrupts malignancy and prolongs survival in glioblastoma patients through BCL2L1Âsplicing and mTOR/ÃY-catenin pathways imbalances. Journal of Experimental and Clinical Cancer Research, 2022, 41, 39.	8.6	19
106	Peripubertal-onset but not adult-onset obesity increases IGF-I and drives development of lean mass, which may lessen the metabolic impairment in adult obesity. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1151-E1157.	3.5	18
107	El Registro Molecular de Adenomas Hipofisarios (REMAH): una apuesta de futuro de la EndocrinologÃa espaÃ±ola por la medicina individualizada y la investigaciÃ³n traslacional. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2016, 63, 274-284.	0.8	18
108	Molecular evidence and clinical importance of Î²â€arrestins expression in patients with acromegaly. Journal of Cellular and Molecular Medicine, 2018, 22, 2110-2116.	3.6	18

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109	Splicing machinery is impaired in rheumatoid arthritis, associated with disease activity and modulated by anti-TNF therapy. Annals of the Rheumatic Diseases, 2022, 81, 56-67.	0.9	18
110	Homologous and Heterologous in Vitro Regulation of Pituitary Receptors for Somatostatin, Growth Hormone (GH)-Releasing Hormone, and Ghrelin in a Nonhuman Primate (Papio anubis). Endocrinology, 2012, 153, 264-272.	2.8	17
111	The expression of the truncated isoform of somatostatin receptor subtype 5 associates with aggressiveness in medullary thyroid carcinoma cells. Endocrine, 2015, 50, 442-452.	2.3	17
112	Obesity and metabolic dysfunction severely influence prostate cell function: role of insulin and <scp>IGF</scp>1. Journal of Cellular and Molecular Medicine, 2017, 21, 1893-1904.	3.6	17
113	Plasma ghrelin Oâ€acyltransferase (GOAT) enzyme levels: A novel nonâ€invasive diagnosis tool for patients with significant prostate cancer. Journal of Cellular and Molecular Medicine, 2018, 22, 5688-5697.	3.6	17
114	Peptides derived from the extracellular domain of the somatostatin receptor splicing variant SST5TMD4 increase malignancy in multiple cancer cell types. Translational Research, 2019, 211, 147-160.	5.0	17
115	Research progress in the stimulatory inputs regulating growth hormone (GH) secretion. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 141-150.	1.6	16
116	Use of the Metallothionein Promoter-Human Growth Hormone-Releasing Hormone (GHRH) Mouse to Identify Regulatory Pathways that Suppress Pituitary Somatotrope Hyperplasia and Adenoma Formation due to GHRH-Receptor Hyperactivation. Endocrinology, 2009, 150, 3177-3185.	2.8	16
117	Truncated variants of pig somatostatin receptor subtype 5 (sst5) act as dominant-negative modulators for sst2-mediated signaling. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1325-E1334.	3.5	16
118	Melatonin Regulates Somatotrope and Lactotrope Function Through Common and Distinct Signaling Pathways in Cultured Primary Pituitary Cells From Female Primates. Endocrinology, 2015, 156, 1100-1110.	2.8	16
119	Oncogenic Role of Secreted Engrailed Homeobox 2 (EN2) in Prostate Cancer. Journal of Clinical Medicine, 2019, 8, 1400.	2.4	16
120	Effects of novel somatostatin-dopamine chimeric drugs in 2D and 3D cell culture models of neuroendocrine tumors. Endocrine-Related Cancer, 2019, 26, 585-599.	3.1	16
121	The truncated somatostatin receptor sst5TMD4 stimulates the angiogenic process and is associated to lymphatic metastasis and disease-free survival in breast cancer patients. Oncotarget, 2016, 7, 60110-60122.	1.8	16
122	Dietary fat alters the expression of cortistatin and ghrelin systems in the PBMCs of elderly subjects: Putative implications in the postprandial inflammatory response. Molecular Nutrition and Food Research, 2014, 58, 1897-1906.	3.3	15
123	Obestatin Plays an Opposite Role in the Regulation of Pituitary Somatotrope and Corticotrope Function in Female Primates and Male/Female Mice. Endocrinology, 2014, 155, 1407-1417.	2.8	15
124	Cortistatin: A new link between the growth hormone/prolactin axis, stress, and metabolism. Growth Hormone and IGF Research, 2017, 33, 23-27.	1.1	15
125	The components of somatostatin and ghrelin systems are altered in neuroendocrine lung carcinoids and associated to clinical-histological features. Lung Cancer, 2017, 109, 128-136.	2.0	15
126	Chronodisruption and diet associated with increased cardiometabolic risk in coronary heart disease patients: the CORDIOPREV study. Translational Research, 2022, 242, 79-92.	5.0	15

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127	Somatotropinomas, But Not Nonfunctioning Pituitary Adenomas, Maintain a Functional Apoptotic RET/Pit1/ARF/p53 Pathway That Is Blocked by Excess GDNF. Endocrinology, 2014, 155, 4329-4340.	2.8	14
128	Apolipoprotein E genetic variants interact with Mediterranean diet to modulate postprandial hypertriglyceridemia in coronary heart disease patients: CORDIOPREV study. European Journal of Clinical Investigation, 2019, 49, e13146.	3.4	14
129	Regulation of lipin1 by nutritional status, adiponectin, sex and pituitary function in rat white adipose tissue. Physiology and Behavior, 2012, 105, 777-783.	2.1	13
130	The Molecular Registry of Pituitary Adenomas (REMAH): A bet by Spanish Endocrinology for the future of individualized medicine and translational research. EndocrinologÃa Y NutriciÃ³n (English Edition), 2016, 63, 274-284.	0.5	13
131	Prediabetes diagnosis criteria, type 2 diabetes risk and dietary modulation: The CORDIOPREV study. Clinical Nutrition, 2020, 39, 492-500.	5.0	13
132	A mutant allele of BARA/LIN-9 rescues the cdk4â^'/â^' phenotype by releasing the repression on E2F-regulated genes. Experimental Cell Research, 2006, 312, 2465-2475.	2.6	12
133	Elevated GH/IGF-I promotes mammary tumors in high-fat, but not low-fat, fed mice. Carcinogenesis, 2014, 35, 2467-2473.	2.8	12
134	Obesity- and gender-dependent role of endogenous somatostatin and cortistatin in the regulation of endocrine and metabolic homeostasis in mice. Scientific Reports, 2016, 6, 37992.	3.3	12
135	Statins Directly Regulate Pituitary Cell Function and Exert Antitumor Effects in Pituitary Tumors. Neuroendocrinology, 2020, 110, 1028-1041.	2.5	12
136	Serum Galanin Levels in Young Healthy Lean and Obese Non-Diabetic Men during an Oral Glucose Tolerance Test. Scientific Reports, 2016, 6, 31661.	3.3	12
137	Mouse models of endocrine tumors. Journal of Endocrinology, 2019, 240, R73-R96.	2.6	12
138	Nutritional, hormonal, and depot-dependent regulation of the expression of the small GTPase Rab18 in rodent adipose tissue. Journal of Molecular Endocrinology, 2013, 50, 19-29.	2.5	11
139	Desmopressin test in the diagnosis and follow-up of cyclical Cushing's disease. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2014, 61, 69-76.	0.8	11
140	Adipokines and Their Receptors Are Widely Expressed and Distinctly Regulated by the Metabolic Environment in the Prostate of Male Mice: Direct Role Under Normal and Tumoral Conditions. Endocrinology, 2017, 158, 3540-3552.	2.8	11
141	Neuronostatin exerts actions on pituitary that are unique from its sibling peptide somatostatin. Journal of Endocrinology, 2018, 237, 217-227.	2.6	11
142	The Pituitary Gland is a Novel Major Site of Action of Metformin in Non-Human Primates: a Potential Path to Expand and Integrate Its Metabolic Actions. Cellular Physiology and Biochemistry, 2018, 49, 1444-1459.	1.6	11
143	Imaging and Manipulating Pituitary Function in the Awake Mouse. Endocrinology, 2019, 160, 2271-2281.	2.8	11
144	Role of metformin and other metabolic drugs in the prevention and therapy of endocrine-related cancers. Current Opinion in Pharmacology, 2021, 60, 17-26.	3.5	11

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145	Beta cell functionality and hepatic insulin resistance are major contributors to type 2 diabetes remission and starting pharmacological therapy: from CORDIOPREV randomized controlled trial. Translational Research, 2021, 238, 12-24.	5.0	10
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147	Impaired mRNA splicing and proteostasis in preadipocytes in obesity-related metabolic disease. ELife, 2021, 10, .	6.0	10
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