

# Luz Candenas

## List of Publications by Year in descending order

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83  
papers

2,527  
citations

201674

27  
h-index

214800

47  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tachykinins and tachykinin receptors: a growing family. <i>Life Sciences</i> , 2004, 74, 1445-1463.	4.3	412
2	Useful Designs in the Synthesis of Trans-Fused Polyether Toxins. <i>Chemical Reviews</i> , 1995, 95, 1953-1980.	47.7	194
3	mRNA expression of tachykinins and tachykinin receptors in different human tissues. <i>European Journal of Pharmacology</i> , 2004, 494, 233-239.	3.5	100
4	Analysis of the expression of neurokinin B, kisspeptin, and their cognate receptors NK3R and KISS1R in the human female genital tract. <i>Fertility and Sterility</i> , 2012, 97, 1213-1219.	1.0	99
5	A Role for Tachykinins in Female Mouse and Rat Reproductive Function <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 69, 940-946.	2.7	78
6	Tachykinins and tachykinin receptors in human uterus. <i>British Journal of Pharmacology</i> , 2003, 139, 523-532.	5.4	73
7	Characterization of the kisspeptin system in human spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 63-73.	3.6	72
8	Exosome Composition and Seminal Plasma Proteome: A Promising Source of Biomarkers of Male Infertility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7022.	4.1	60
9	Tachykinins and tachykinin receptors: effects in the genitourinary tract. <i>Life Sciences</i> , 2005, 76, 835-862.	4.3	58
10	Selective Inhibition of Calcium Entry Induced by Benzylisoquinolines in Rat Smooth Muscle. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 337-343.	2.4	51
11	Expression of neurokinin B/NK3 receptor and kisspeptin/KISS1 receptor in human granulosa cells. <i>Human Reproduction</i> , 2014, 29, 2736-2746.	0.9	51
12	A role for tachykinins in the regulation of human sperm motility. <i>Human Reproduction</i> , 2007, 22, 1617-1625.	0.9	48
13	Molecular diversity of voltage-gated sodium channel $\hat{1}\alpha$ and $\hat{1}\beta$ subunit mRNAs in human tissues. <i>European Journal of Pharmacology</i> , 2006, 541, 9-16.	3.5	44
14	Expression and activity profiles of DPP IV/CD26 and NEP/CD10 glycoproteins in the human renal cancer are tumor-type dependent. <i>BMC Cancer</i> , 2010, 10, 193.	2.6	40
15	Inhibition of calcium entry induced by cularines and isocrasifoline in uterine smooth muscle. <i>European Journal of Pharmacology</i> , 1991, 196, 183-187.	3.5	36
16	Changes in the Expression of Tachykinin Receptors in the Rat Uterus During the Course of Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 65, 538-543.	2.7	36
17	Effects of cysteinyl leukotrienes in small human bronchus and antagonist activity of montelukast and its metabolites. <i>Clinical and Experimental Allergy</i> , 2003, 33, 887-894.	2.9	36
18	Differential expression of neurokinin B and hemokinin-1 in human immune cells. <i>Journal of Neuroimmunology</i> , 2008, 196, 27-34.	2.3	35

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19	Synthesis and biological studies of flexible brevetoxin/ciguatoxin models with marked conformational preference. <i>Tetrahedron</i> , 2002, 58, 1921-1942.	1.9	33
20	Functional and Molecular Characterization of Tachykinins and Tachykinin Receptors in the Mouse Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 1125-1133.	2.7	33
21	Molecular and functional characterization of voltage-gated sodium channels in human sperm. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 71.	3.3	33
22	Identification of a tachykinin NK2 receptor splice variant and its expression in human and rat tissues. <i>Life Sciences</i> , 2002, 72, 269-277.	4.3	31
23	Mammalian tachykinins and uterine smooth muscle: the challenge escalates. <i>European Journal of Pharmacology</i> , 2004, 500, 15-26.	3.5	31
24	Functional and Molecular Characterization of Voltage-Gated Sodium Channels in Uteri from Nonpregnant Rats <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 77, 855-863.	2.7	31
25	Autocrine regulation of human sperm motility by tachykinins. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 104.	3.3	31
26	Phosphoproteomic and Functional Analyses Reveal Sperm-specific Protein Changes Downstream of Kappa Opioid Receptor in Human Spermatozoa. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S118-S131.	3.8	31
27	Effect of epithelium removal and of enkephalin inhibition on the bronchoconstrictor response to three endothelins of the human isolated bronchus. <i>European Journal of Pharmacology</i> , 1992, 210, 291-297.	3.5	30
28	Effect of dietary supplementation with a highly pure and concentrated docosahexaenoic acid (DHA) supplement on human sperm function. <i>Reproductive Biology</i> , 2018, 18, 282-288.	1.9	29
29	Altered expression of the kisspeptin/KISS1R and neurokinin B/NK3R systems in mural granulosa and cumulus cells of patients with polycystic ovarian syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 113-120.	2.5	29
30	Cannabinoid CB <sub>1</sub> Receptor Is Downregulated in Clear Cell Renal Cell Carcinoma. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 1129-1134.	2.5	27
31	Tachykinin Receptor and Neutral Endopeptidase Gene Expression in the Rat Uterus: Characterization and Regulation in Response to Ovarian Steroid Treatment. <i>Endocrinology</i> , 1999, 140, 2526-2532.	2.8	27
32	The Voltage-Gated Sodium Channel Nav1.8 Is Expressed in Human Sperm. <i>PLoS ONE</i> , 2013, 8, e76084.	2.5	26
33	Characterization of tachykinin receptors in the uterus of the oestrogen-primed rat. <i>British Journal of Pharmacology</i> , 1998, 123, 259-268.	5.4	25
34	Ovarian steroids regulate tachykinin and tachykinin receptor gene expression in the mouse uterus. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 77.	3.3	24
35	Control of APN/CD13 and NEP/CD10 on sperm motility. <i>Asian Journal of Andrology</i> , 2010, 12, 899-902.	1.6	21
36	Angiotensin-converting enzymes (ACE and ACE2) are downregulated in renal tumors. <i>Regulatory Peptides</i> , 2010, 165, 218-223.	1.9	21

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37	Autocrine regulation of human sperm motility by the met-enkephalin opioid peptide. <i>Fertility and Sterility</i> , 2012, 98, 617-625.e3.	1.0	21
38	The effect of cetirizine on the human isolated bronchus: Interaction with salbutamol. <i>Journal of Allergy and Clinical Immunology</i> , 1991, 88, 104-113.	2.9	20
39	Expression of preprotachykinin-B, the gene that encodes neurokinin B, in the rat uterus. <i>European Journal of Pharmacology</i> , 2001, 425, R1-R2.	3.5	20
40	Female infertility is associated with an altered expression of the neurokinin B/neurokinin B receptor and kisspeptin/kisspeptin receptor systems in ovarian granulosa and cumulus cells. <i>Fertility and Sterility</i> , 2020, 114, 869-878.	1.0	20
41	Effect of atrial natriuretic peptide and on atriopeptins on the human isolated bronchus. Comparison with the reactivity of the guinea-pig isolated trachea. <i>Pulmonary Pharmacology</i> , 1991, 4, 120-125.	0.6	19
42	Regulation of the Stimulant Actions of Neurokinin A and Human Hemokinin-1 on the Human Uterus: A Comparison with Histamine1. <i>Biology of Reproduction</i> , 2006, 75, 334-341.	2.7	19
43	Airway response to acute mechanical stress in a human bronchial model of stretch. <i>Critical Care</i> , 2011, 15, R208.	5.8	19
44	Expression of Tachykinins and Tachykinin Receptors and Interaction with Kisspeptin in Human Granulosa and Cumulus Cells1. <i>Biology of Reproduction</i> , 2016, 94, 124.	2.7	17
45	Regulation by oestrogens of tachykinin NK3 receptor expression in the rat uterus. <i>European Journal of Pharmacology</i> , 1997, 324, 125-127.	3.5	16
46	Differentially regulated expression of neurokinin B (NKB)/NK3 receptor system in uterine leiomyomata. <i>Human Reproduction</i> , 2013, 28, 1799-1808.	0.9	16
47	SR 142801, a tachykinin NK3 receptor antagonist, prevents $\hat{I}^2$ -adrenoceptor agonist-induced hyperresponsiveness to neurokinin A in guinea-pig isolated trachea. <i>Life Sciences</i> , 2002, 72, 307-320.	4.3	15
48	Neurokinins Induce Relaxation of Human Pulmonary Vessels Through Stimulation of Endothelial NK1 Receptors. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 343-355.	1.9	15
49	Characterization of Cysteinyl Leukotriene Receptors on Human Saphenous Veins: Antagonist Activity of Montelukast and its Metabolites. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 113-120.	1.9	14
50	Pharmacological evaluation of $\hat{I}^1$ and $\hat{I}^2$ human tachykinin NK2 receptor splice variants expressed in CHO cells. <i>European Journal of Pharmacology</i> , 2004, 499, 229-238.	3.5	14
51	$\hat{I}^2$ -Adrenoceptor Agonist Modulates Endothelin-1 Receptors in Human Isolated Bronchi. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 410-416.	2.9	14
52	Polar Metabolites of the Tropical Green Seaweed <i>Caulerpa taxifolia</i> Whichâ€¦.Spreading in the Mediterranean Sea: Glycoglycerolipids and Stable Enols ( $\hat{I}^1$ =Keto Esters). <i>Helvetica Chimica Acta</i> , 1998, 81, 1681-1691.	1.6	13
53	Veratridine-sensitive Na <sup>+</sup> channels regulate human sperm fertilization capacity. <i>Life Sciences</i> , 2018, 196, 48-55.	4.3	13
54	$\hat{I}^2$ -Agonist modulates epithelial gene expression involved in the T- and B-cell chemotaxis and induces airway sensitization in human isolated bronchi. <i>Pharmacological Research</i> , 2010, 61, 121-128.	7.1	12

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55	Cannabinoid CB1 receptor is expressed in chromophobe renal cell carcinoma and renal oncocytoma. <i>Clinical Biochemistry</i> , 2013, 46, 638-641.	1.9	12
56	Clinical impact of aspartyl aminopeptidase expression and activity in colorectal cancer. <i>Translational Research</i> , 2013, 162, 297-308.	5.0	11
57	Altered expression of the tachykinins substance P/neurokinin A/hemokinin-1 and their preferred neurokinin 1/neurokinin 2 receptors in uterine leiomyomata. <i>Fertility and Sterility</i> , 2016, 106, 1521-1529.	1.0	11
58	The opioid peptide beta-endorphin stimulates acrosome reaction in human spermatozoa. <i>Andrology</i> , 2016, 4, 143-151.	3.5	11
59	Cellular mechanisms involved in iso-osmotic high K <sup>+</sup> solutions-induced contraction of the estrogen-primed rat myometrium. <i>Life Sciences</i> , 2000, 66, 2441-2453.	4.3	10
60	Comparison of Different CD71 Monoclonal Antibodies for Enrichment of Fetal Cells from Maternal Blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 126-31.	2.3	9
61	Tachykinins and Kisspeptins in the Regulation of Human Male Fertility. <i>Journal of Clinical Medicine</i> , 2020, 9, 113.	2.4	9
62	Effects of okadaic acid on the human isolated bronchus. <i>European Journal of Pharmacology</i> , 1994, 256, 301-309.	3.5	8
63	Effects of Mn <sup>2+</sup> on the responses induced by different spasmogens in the oestrogen-primed rat uterus. <i>European Journal of Pharmacology</i> , 1997, 326, 211-222.	3.5	8
64	Inhibitory and contractile effects of okadaic acid on rat uterine muscle. <i>European Journal of Pharmacology</i> , 1992, 219, 473-476.	3.5	7
65	Isolation of Fetal Nucleated Red Blood Cells from Maternal Blood in Normal and Aneuploid Pregnancies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 667-72.	2.3	7
66	Functional characterisation of hemokinin-1 in mouse uterus. <i>European Journal of Pharmacology</i> , 2008, 601, 148-153.	3.5	7
67	Altered glutamyl-aminopeptidase activity and expression in renal neoplasms. <i>BMC Cancer</i> , 2014, 14, 386.	2.6	7
68	Ca <sup>2+</sup> -independent contraction induced by hyperosmolar K <sup>+</sup> -rich solutions in rat uterus. <i>European Journal of Pharmacology</i> , 1996, 312, 309-318.	3.5	6
69	Ferroportin mRNA is down-regulated in granulosa and cervical cells from infertile women. <i>Fertility and Sterility</i> , 2017, 107, 236-242.	1.0	6
70	Altered Activity and Expression of Cytosolic Peptidases in Colorectal Cancer. <i>International Journal of Medical Sciences</i> , 2015, 12, 458-467.	2.5	5
71	Calcium Dependence of the Mechanical Response Evoked by Okadaic Acid in Smooth Muscle. <i>Planta Medica</i> , 1995, 61, 13-17.	1.3	4
72	Complexation of okadaic acid : A preliminary study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 1007-1012.	2.2	4

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73	Common variants of the neuropeptide expressing tachykinin genes and susceptibility to asthma: A caseâ€“control study. <i>Journal of Neuroimmunology</i> , 2010, 227, 202-207.	2.3	4
74	Differential expression of amiloride-sensitive NA <sup>+</sup> channel subunits messenger RNA in the rat uterus. <i>Life Sciences</i> , 2000, 66, PL313-PL317.	4.3	2
75	Female Infertility Is Associated with an Altered Expression Profile of Different Members of the Tachykinin Family in Human Granulosa Cells. <i>Reproductive Sciences</i> , 0, , .	2.5	2
76	Influence of benzodiazepines on the response of the guinea-pig isolated trachea to the contractile action of adenosine. <i>European Journal of Pharmacology</i> , 1992, 214, 67-74.	3.5	1
77	Characterization of tachykinin receptors in human sperm. <i>Fertility and Sterility</i> , 2007, 88, S362.	1.0	1
78	Analysis of the Expression of Tachykinins and Tachykinin Receptors in the Rat Uterus During Early Pregnancy1. <i>Biology of Reproduction</i> , 2015, 93, 51.	2.7	1
79	Neurokinin B. , 2007, , 1-4.		1
80	Influence of benzodiazepines on the contractile response of the isolated guinea-pig trachea to adenosine and alpha-beta-methylene ATP. <i>European Journal of Pharmacology</i> , 1990, 183, 1698-1699.	3.5	0
81	Smooth muscle neurokinin-2 receptors mediate contraction in human saphenous veins. <i>Pharmacological Research</i> , 2011, 63, 414-422.	7.1	0
82	Neurokinin Bâˆ†. , 2016, , .		0
83	Neurokinin A. , 2007, , 1-4.		0