

Maria Christina W W Avellar

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71
papers

1,758
citations

25
h-index

38
g-index

76
ext. papers

1,940
ext. citations

4.8
avg, IF

4.1
L-index

#	Paper	IF	Citations
71	Chronic unpredictable stress exacerbates lipopolysaccharide-induced activation of nuclear factor-kappaB in the frontal cortex and hippocampus via glucocorticoid secretion. <i>Journal of Neuroscience</i> , 2006 , 26, 3813-20	6.6	202
70	Kinin B1 receptor up-regulation after lipopolysaccharide administration: role of proinflammatory cytokines and neutrophil influx. <i>Journal of Immunology</i> , 2004 , 172, 1839-47	5.3	92
69	Mechanisms underlying the inhibitory actions of the pentacyclic triterpene alpha-amyrin in the mouse skin inflammation induced by phorbol ester 12-O-tetradecanoylphorbol-13-acetate. <i>European Journal of Pharmacology</i> , 2007 , 559, 227-35	5.3	87
68	TLR4 and CD14 receptors expressed in rat pineal gland trigger NFkB pathway. <i>Journal of Pineal Research</i> , 2010 , 49, 183-92	10.4	71
67	Testosterone induces vascular smooth muscle cell migration by NADPH oxidase and c-Src-dependent pathways. <i>Hypertension</i> , 2012 , 59, 1263-71	8.5	69
66	Activation of toll-like receptor 4 (TLR4) by in vivo and in vitro exposure of rat epididymis to lipopolysaccharide from Escherichia Coli. <i>Biology of Reproduction</i> , 2008 , 79, 1135-47	3.9	64
65	Corticosterone modulates noradrenaline-induced melatonin synthesis through inhibition of nuclear factor kappa B. <i>Journal of Pineal Research</i> , 2005 , 38, 182-8	10.4	64
64	MK-801 and 7-Ni attenuate the activation of brain NF-kappa B induced by LPS. <i>Neuropharmacology</i> , 2003 , 45, 1120-9	5.5	62
63	Characterization and functions of beta defensins in the epididymis. <i>Asian Journal of Andrology</i> , 2007 , 9, 453-62	2.8	45
62	Bradykinin B1 receptor expression induced by tissue damage in the rat portal vein: a critical role for mitogen-activated protein kinase and nuclear factor-kappaB signaling pathways. <i>Circulation Research</i> , 2004 , 94, 1375-82	15.7	45
61	Androgens and the male reproductive tract: an overview of classical roles and current perspectives. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2009 , 53, 934-45		41
60	Differential expression and antibacterial activity of epididymis protein 2 isoforms in the male reproductive tract of human and rhesus monkey (<i>Macaca mulatta</i>). <i>Biology of Reproduction</i> , 2004 , 71, 1453-60	3.9	38
59	Relaxin family peptide receptors Rxfp1 and Rxfp2: mapping of the mRNA and protein distribution in the reproductive tract of the male rat. <i>Reproductive Biology and Endocrinology</i> , 2007 , 5, 29	5	35
58	Defensins and the epididymis: contrasting influences of prenatal, postnatal, and adult scenarios. <i>Asian Journal of Andrology</i> , 2016 , 18, 323-8	2.8	34
57	Role of transient receptor potential vanilloid 4 in rat joint inflammation. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1848-58		31
56	Expression and pharmacological characterization of alpha1-adrenoceptors in rat seminal vesicle. <i>European Journal of Pharmacology</i> , 1999 , 381, 141-9	5.3	31
55	Glucocorticoid receptor in the rat epididymis: expression, cellular distribution and regulation by steroid hormones. <i>Molecular and Cellular Endocrinology</i> , 2010 , 325, 64-77	4.4	30

54	Influence of N-methyl-D-aspartate receptors on ouabain activation of nuclear factor- B in the rat hippocampus. <i>Journal of Neuroscience Research</i> , 2012 , 90, 213-28	4.4	29
53	Amyloid beta-peptide activates nuclear factor-kappaB through an N-methyl-D-aspartate signaling pathway in cultured cerebellar cells. <i>Journal of Neuroscience Research</i> , 2008 , 86, 845-60	4.4	28
52	Effect of estrogen on muscarinic acetylcholine receptor expression in rat myometrium. <i>Molecular and Cellular Endocrinology</i> , 2004 , 213, 139-48	4.4	28
51	Molecular and pharmacological evidence for modulation of kinin B(1) receptor expression by endogenous glucocorticoids hormones in rats. <i>British Journal of Pharmacology</i> , 2001 , 132, 567-77	8.6	28
50	Ouabain activates NFB through an NMDA signaling pathway in cultured cerebellar cells. <i>Neuropharmacology</i> , 2013 , 73, 327-36	5.5	27
49	Serotonin concentration, synthesis, cell origin, and targets in the rat caput epididymis during sexual maturation and variations associated with adult mating status: morphological and biochemical studies. <i>Journal of Andrology</i> , 2007 , 28, 136-49		27
48	Characterization of muscarinic acetylcholine receptor in rat Sertoli cells. <i>Endocrinology</i> , 2001 , 142, 4701-10		26
47	Catecholamine effects on human melanoma cells evoked by alpha1-adrenoceptors. <i>Archives of Dermatological Research</i> , 2004 , 296, 112-9	3.3	25
46	Lipopolysaccharide and lipoteichoic acid differentially modulate epididymal cytokine and chemokine profiles and sperm parameters in experimental acute epididymitis. <i>Scientific Reports</i> , 2018 , 8, 103	4.9	23
45	Androgen deprivation from pre-puberty to peripuberty interferes in proteins expression in pubertal and adult rat epididymis. <i>Reproductive Toxicology</i> , 2013 , 38, 65-71	3.4	23
44	Expression of fibroblast growth factor-8 and its cognate receptors, fibroblast growth factor receptor (FGFR)-3c and-4, in fetal bovine preantral follicles. <i>Molecular Reproduction and Development</i> , 2005 , 70, 255-61	2.6	22
43	Alpha1-adrenoceptor subtypes in rat epididymis and the effects of sexual maturation. <i>Biology of Reproduction</i> , 2002 , 66, 508-15	3.9	22
42	Increased expression of acetylcholine receptors in the diaphragm muscle of MDX mice. <i>Muscle and Nerve</i> , 2008 , 38, 1585-94	3.4	20
41	Effects of carbachol on rat Sertoli cell proliferation and muscarinic acetylcholine receptors regulation: an in vitro study. <i>Life Sciences</i> , 2004 , 75, 1761-73	6.8	19
40	Effects of androgen manipulation on alpha1-adrenoceptor subtypes in the rat seminal vesicle. <i>Life Sciences</i> , 2004 , 75, 1449-63	6.8	18
39	Epididymal protease inhibitor (EPPIN) is differentially expressed in the male rat reproductive tract and immunolocalized in maturing spermatozoa. <i>Molecular Reproduction and Development</i> , 2012 , 79, 832-42	2.6	16
38	Changes in Estrogen Receptor ER α (ESR2) Expression without Changes in the Estradiol Levels in the Prostate of Aging Rats. <i>PLoS ONE</i> , 2015 , 10, e0131901	3.7	14
37	Quantitative changes of nicotinic receptors in the hippocampus of dystrophin-deficient mice. <i>Brain Research</i> , 2012 , 1483, 96-104	3.7	14

36	Innate immunity and glucocorticoids: potential regulatory mechanisms in epididymal biology. <i>Journal of Andrology</i> , 2011 , 32, 614-24		14
35	In vivo treatments with fulvestrant and anastrozole differentially affect gene expression in the rat efferent ductules. <i>Biology of Reproduction</i> , 2011 , 84, 52-61	3.9	14
34	Novel aspects of the sperm-associated antigen 11 (SPAG11) gene organization and expression in cattle (<i>Bos taurus</i>). <i>Biology of Reproduction</i> , 2007 , 76, 1103-16	3.9	14
33	Characterization of muscarinic acetylcholine receptors in the rat epididymis. <i>Biology of Reproduction</i> , 2001 , 65, 1120-6	3.9	14
32	Transcriptional regulation of the rat bradykinin B2 receptor gene: identification of a silencer element. <i>Molecular Pharmacology</i> , 2002 , 62, 1344-55	4.3	14
31	Impact of adrenalectomy and dexamethasone treatment on testicular morphology and sperm parameters in rats: insights into the adrenal control of male reproduction. <i>Andrology</i> , 2014 , 2, 835-46	4.2	13
30	Prevalence of Y chromosome deletions in a Brazilian population of nonobstructive azoospermic and severely oligozoospermic men. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 787-93 ^{2.8}		13
29	Characterization of Muscarinic Acetylcholine Receptor in Rat Sertoli Cells		13
28	Hypothyroidism in adult male rats alters posttranscriptional mechanisms of luteinizing hormone biosynthesis. <i>Thyroid</i> , 2013 , 23, 497-505	6.2	12
27	Expression and function of G-protein-coupled receptors in the male reproductive tract. <i>Anais Da Academia Brasileira De Ciências</i> , 2009 , 81, 321-44	1.4	12
26	Effects of testosterone on muscarinic acetylcholine receptors in the rat epididymis. <i>Life Sciences</i> , 2005 , 77, 656-69	6.8	12
25	Cells positive for microtubule-associated protein 1B (MAP 1B) are present along rat and human efferent ductules and epididymis. <i>Cell and Tissue Research</i> , 2006 , 325, 125-33	4.2	12
24	O fator de transcriçã NF-kapaB nos mecanismos moleculares de aß de psicofarmacos. <i>Revista Brasileira De Psiquiatria</i> , 2000 , 22, 26-30	2.6	12
23	Human umbilical vein vasoconstriction induced by epinephrine acting on alpha1B-adrenoceptor subtype. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 189, 1472-80	6.4	11
22	Immunolocalization of alpha(1A)-adrenoceptors in rat and human epididymis. <i>Cell and Tissue Research</i> , 2008 , 332, 509-22	4.2	10
21	Sympathetic neurotransmission in the rat testicular capsule: functional characterization and identification of mRNA encoding alpha1-adrenoceptor subtypes. <i>European Journal of Pharmacology</i> , 2006 , 543, 141-50	5.3	10
20	Muscarinic acetylcholine receptor subtypes in the male reproductive tract: expression and function in rat efferent ductules and epididymis. <i>Journal of Molecular Neuroscience</i> , 2010 , 40, 127-34	3.3	9
19	Androgen-dependent protein interactions within an intron 1 regulatory region of the 20-kDa protein gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 17623-31	5.4	9

18	Muscarinic acetylcholine receptor subtypes in the rat seminal vesicle. <i>Molecular and Cellular Endocrinology</i> , 2006 , 247, 192-8	4.4	9
17	Expression and localization of muscarinic acetylcholine receptor subtypes in rat efferent ductules and epididymis. <i>Cell and Tissue Research</i> , 2006 , 323, 157-66	4.2	9
16	Novel androgen-induced activity of an antimicrobial α -defensin: Regulation of Wolffian duct morphogenesis. <i>Molecular and Cellular Endocrinology</i> , 2017 , 442, 142-152	4.4	8
15	In search of new paradigms for epididymal health and disease: innate immunity, inflammatory mediators, and steroid hormones. <i>Andrology</i> , 2019 , 7, 690-702	4.2	8
14	Suppression of MAPK attenuates neuronal cell death induced by activated glia-conditioned medium in alpha-synuclein overexpressing SH-SY5Y cells. <i>Journal of Neuroinflammation</i> , 2015 , 12, 193	10.1	8
13	Dynamic changes in the spatio-temporal expression of the α -defensin SPAG11C in the developing rat epididymis and its regulation by androgens. <i>Molecular and Cellular Endocrinology</i> , 2015 , 404, 141-50	4.4	8
12	Are imidazoline receptors involved in sympathetic neurotransmission in rat vas deferens?. <i>General Pharmacology</i> , 1996 , 27, 1273-8		8
11	Segment-specific decrease of both catecholamine concentration and acetylcholinesterase activity are accompanied by nerve refinement in the rat cauda epididymis during sexual maturation. <i>Journal of Andrology</i> , 2002 , 23, 374-83		8
10	Molecular structure and transcriptional regulation by nuclear factor-kappaB of the mouse kinin B1 receptor gene. <i>Biological Chemistry</i> , 2005 , 386, 515-22	4.5	7
9	Effect of ageing on the number of neuronal noradrenaline uptake sites in the rat vas deferens. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1992 , 346, 405-9	3.4	7
8	Could α -adrenoceptors and androgen receptors be modified by sexual maturation and testosterone in the rat testicular capsule?. <i>Life Sciences</i> , 2015 , 141, 212-20	6.8	2
7	Presence of mRNA of muscle nicotinic acetylcholine receptor subunits and an epsilon-subunit splice variant in the mouse brain. <i>Brain Research Bulletin</i> , 2010 , 81, 453-7	3.9	2
6	Cloning, expression and immunolocalization of alpha1-adrenoceptor in different tissues from rhesus monkey and human male reproductive tract. <i>Molecular Human Reproduction</i> , 2008 , 14, 85-96	4.4	2
5	Wolffian Duct Development 2018 , 256-262		1
4	Epididymis 2019 , 807-813		1
3	Lipopolysaccharide-induced epididymitis modifies the transcriptional profile of Wfdc genes in mice <i>Biology of Reproduction</i> , 2021 , 104, 144-158	3.9	1
2	Epididymal embryonic development harbors TLR4/NFKB signaling pathway as a morphogenetic player.. <i>Journal of Reproductive Immunology</i> , 2021 , 149, 103456	4.2	0
1	Macrophages in the immune-endocrine milieu of reproductive tissues 2022 , 243-264		

