

# Annamaria Morelli

## List of Publications by Year in descending order

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82  
papers

4,393  
citations

81743

39  
h-index

106150

65  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Androgens Regulate Phosphodiesterase Type 5 Expression and Functional Activity in Corpora Cavernosa. <i>Endocrinology</i> , 2004, 145, 2253-2263.	1.4	324
2	Characterization and Functional Role of Androgen-Dependent PDE5 Activity in the Bladder. <i>Endocrinology</i> , 2007, 148, 1019-1029.	1.4	212
3	Testosterone Regulates PDE5 Expression and in vivo Responsiveness to Tadalafil in Rat Corpus Cavernosum. <i>European Urology</i> , 2005, 47, 409-416.	0.9	165
4	Testosterone protects from metabolic syndrome-associated prostate inflammation: an experimental study in rabbit. <i>Journal of Endocrinology</i> , 2012, 212, 71-84.	1.2	165
5	Testosterone Partially Ameliorates Metabolic Profile and Erectile Responsiveness to PDE5 Inhibitors in an Animal Model of Male Metabolic Syndrome. <i>Journal of Sexual Medicine</i> , 2009, 6, 3274-3288.	0.3	133
6	Phosphodiesterase Type 5 Expression in Human and Rat Lower Urinary Tract Tissues and the Effect of Tadalafil on Prostate Gland Oxygenation in Spontaneously Hypertensive Rats. <i>Journal of Sexual Medicine</i> , 2011, 8, 2746-2760.	0.3	130
7	Natural transmission of USP9Y gene mutations: a new perspective on the role of AZFa genes in male fertility. <i>Human Molecular Genetics</i> , 2006, 15, 2673-2681.	1.4	126
8	Testosterone Restores Diabetes-Induced Erectile Dysfunction and Sildenafil Responsiveness in Two Distinct Animal Models of Chemical Diabetes. <i>Journal of Sexual Medicine</i> , 2006, 3, 253-266.	0.3	124
9	Antiinflammatory effect of androgen receptor activation in human benign prostatic hyperplasia cells. <i>Journal of Endocrinology</i> , 2012, 214, 31-43.	1.2	119
10	ORIGINAL RESEARCH-BASIC SCIENCE: Effect of Chronic Tadalafil Administration on Penile Hypoxia Induced by Cavernous Neurotomy in the Rat. <i>Journal of Sexual Medicine</i> , 2006, 3, 419-431.	0.3	118
11	Characterization of Phosphodiesterase Type 5 Expression and Functional Activity in the Human Male Lower Urinary Tract. <i>Journal of Sexual Medicine</i> , 2010, 7, 59-69.	0.3	118
12	Testosterone Regulates RhoA/Rho-Kinase Signaling in Two Distinct Animal Models of Chemical Diabetes. <i>Journal of Sexual Medicine</i> , 2007, 4, 620-632.	0.3	111
13	Fat boosts, while androgen receptor activation counteracts, BPH-associated prostate inflammation. <i>Prostate</i> , 2013, 73, 789-800.	1.2	109
14	PDE5 inhibitors blunt inflammation in human BPH: A potential mechanism of action for PDE5 inhibitors in LUTS. <i>Prostate</i> , 2013, 73, 1391-1402.	1.2	103
15	Human Bladder as a Novel Target for Vitamin D Receptor Ligands. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 962-972.	1.8	98
16	The vitamin D receptor agonist elocalcitol inhibits IL-6-dependent benign prostatic hyperplasia stromal cell proliferation and inflammatory response by targeting the RhoA/Rho kinase and NF- $\kappa$ B pathways. <i>Prostate</i> , 2009, 69, 480-493.	1.2	87
17	Metabolic syndrome induces inflammation and impairs gonadotropin-releasing hormone neurons in the preoptic area of the hypothalamus in rabbits. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 107-119.	1.6	83
18	Vardenafil Modulates Bladder Contractility Through cGMP-mediated Inhibition of RhoA/Rho Kinase Signaling Pathway in Spontaneously Hypertensive Rats. <i>Journal of Sexual Medicine</i> , 2009, 6, 1594-1608.	0.3	80

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19	Atorvastatin Ameliorates Sildenafil-Induced Penile Erections in Experimental Diabetes by Inhibiting Diabetes-Induced RhoA/Rho-Kinase Signaling Hyperactivation. <i>Journal of Sexual Medicine</i> , 2009, 6, 91-106.	0.3	78
20	Inhibition of prostate growth and inflammation by the vitamin D receptor agonist BXL-628 (elocalcitol). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 689-693.	1.2	74
21	BXL-628, a vitamin D receptor agonist effective in benign prostatic hyperplasia treatment, prevents RhoA activation and inhibits RhoA/Rho kinase signaling in rat and human bladder. <i>Prostate</i> , 2007, 67, 234-247.	1.2	74
22	Farnesoid X Receptor Activation Improves Erectile Function in Animal Models of Metabolic Syndrome and Diabetes. <i>Journal of Sexual Medicine</i> , 2011, 8, 57-77.	0.3	74
23	Testosterone treatment improves metabolic syndrome-induced adipose tissue derangements. <i>Journal of Endocrinology</i> , 2012, 215, 347-362.	1.2	74
24	Mechanism of action of phosphodiesterase type 5 inhibition in metabolic syndrome-associated prostate alterations: An experimental study in the rabbit. <i>Prostate</i> , 2013, 73, 428-441.	1.2	72
25	Acute Vardenafil Administration Improves Bladder Oxygenation in Spontaneously Hypertensive Rats. <i>Journal of Sexual Medicine</i> , 2010, 7, 107-120.	0.3	70
26	Nonalcoholic steatohepatitis as a novel player in metabolic syndrome-induced erectile dysfunction: An experimental study in the rabbit. <i>Molecular and Cellular Endocrinology</i> , 2014, 384, 143-154.	1.6	70
27	Testosterone and farnesoid X receptor agonist INT-747 counteract high fat diet-induced bladder alterations in a rabbit model of metabolic syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 132, 80-92.	1.2	68
28	Sex Steroid Receptors in Male Human Bladder: Expression and Biological Function. <i>Journal of Sexual Medicine</i> , 2010, 7, 2698-2713.	0.3	66
29	Sex Steroids and Leptin Regulate the "First Kiss" (KiSS 1/G-Protein-Coupled Receptor 54 System) in Human Gonadotropin-Releasing-Hormone-Secreting Neuroblasts. <i>Journal of Sexual Medicine</i> , 2008, 5, 1097-1113.	0.3	64
30	Oxytocin Receptor Is Expressed in the Penis and Mediates an Estrogen-Dependent Smooth Muscle Contractility. <i>Endocrinology</i> , 2004, 145, 1823-1834.	1.4	62
31	FXR activation normalizes insulin sensitivity in visceral preadipocytes of a rabbit model of MetS. <i>Journal of Endocrinology</i> , 2013, 218, 215-231.	1.2	59
32	Treatment of Functional Hypogonadism Besides Pharmacological Substitution. <i>World Journal of Men's Health</i> , 2020, 38, 256.	1.7	55
33	Continuing Medical Education: Regulation of Epididymal Contractility During Semen Emission, the First Part of the Ejaculatory Process: A Role for Estrogen (CME). <i>Journal of Sexual Medicine</i> , 2008, 5, 2010-2016.	0.3	53
34	Atorvastatin But Not Elocalcitol Increases Sildenafil Responsiveness in Spontaneously Hypertensive Rats by Regulating the RhoA/ROCK Pathway. <i>Journal of Andrology</i> , 2008, 29, 70-84.	2.0	51
35	Oxytocin Mediates the Estrogen-Dependent Contractile Activity of Endothelin-1 in Human and Rabbit Epididymis. <i>Endocrinology</i> , 2005, 146, 3506-3517.	1.4	50
36	Tumor Necrosis Factor $\alpha$ Impairs Kisspeptin Signaling in Human Gonadotropin-Releasing Hormone Primary Neurons. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2115.	1.8	47

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37	INT-767 prevents NASH and promotes visceral fat brown adipogenesis and mitochondrial function. <i>Journal of Endocrinology</i> , 2018, 238, 107-127.	1.2	47
38	Anti-fibrotic effects of chronic treatment with the selective FXR agonist obeticholic acid in the bleomycin-induced rat model of pulmonary fibrosis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 168, 26-37.	1.2	44
39	Differential Effects of Testosterone and Estradiol on Clitoral Function: An Experimental Study in Rats. <i>Journal of Sexual Medicine</i> , 2016, 13, 1858-1871.	0.3	42
40	The vitamin D receptor agonist elocalcitol upregulates L-type calcium channel activity in human and rat bladder. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C1206-C1214.	2.1	40
41	Cavernous Neurotomy in the Rat is Associated with the Onset of an Overt Condition of Hypogonadism. <i>Journal of Sexual Medicine</i> , 2009, 6, 1270-1283.	0.3	40
42	Physical activity counteracts metabolic syndrome-induced hypogonadotropic hypogonadism and erectile dysfunction in the rabbit. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E519-E535.	1.8	40
43	Metabolic syndrome-associated sperm alterations in an experimental rabbit model: Relation with metabolic profile, testis and epididymis gene expression and effect of tamoxifen treatment. <i>Molecular and Cellular Endocrinology</i> , 2015, 401, 12-24.	1.6	34
44	Estrogens Regulate Humans and Rabbit Epididymal Contractility Through the RhoA/Rho-kinase Pathway. <i>Journal of Sexual Medicine</i> , 2009, 6, 2173-2186.	0.3	31
45	Estrogen Mediates Metabolic Syndrome-Induced Erectile Dysfunction: A Study in the Rabbit. <i>Journal of Sexual Medicine</i> , 2014, 11, 2890-2902.	0.3	26
46	Testosterone/Estradiol Ratio Regulates NO-Induced Bladder Relaxation and Responsiveness to PDE5 Inhibitors. <i>Journal of Sexual Medicine</i> , 2012, 9, 3028-3040.	0.3	24
47	Cardiopulmonary protective effects of the selective FXR agonist obeticholic acid in the rat model of monocrotaline-induced pulmonary hypertension. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 277-292.	1.2	24
48	Multifaceted roles of BDNF and FGF2 in human striatal primordium development. An in vitro study. <i>Experimental Neurology</i> , 2014, 257, 130-147.	2.0	23
49	Tadalafil reduces visceral adipose tissue accumulation by promoting preadipocytes differentiation towards a metabolically healthy phenotype: Studies in rabbits. <i>Molecular and Cellular Endocrinology</i> , 2016, 424, 50-70.	1.6	22
50	Anti-inflammatory effects of androgens in the human vagina. <i>Journal of Molecular Endocrinology</i> , 2020, 65, 109-124.	1.1	22
51	Tadalafil Effect on Metabolic Syndrome-Associated Bladder Alterations: An Experimental Study in a Rabbit Model. <i>Journal of Sexual Medicine</i> , 2014, 11, 1159-1172.	0.3	21
52	Negative Effects of High Glucose Exposure in Human Gonadotropin-Releasing Hormone Neurons. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	0.6	20
53	Insight on the Intracrinology of Menopause: Androgen Production within the Human Vagina. <i>Endocrinology</i> , 2021, 162, .	1.4	20
54	Dihydrotestosterone and Leptin Regulate Gonadotropin-Releasing Hormone (GnRH) Expression and Secretion in Human GnRH-Secreting Neuroblasts. <i>Journal of Sexual Medicine</i> , 2009, 6, 397-407.	0.3	19

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55	Testosterone improves muscle fiber asset and exercise performance in a metabolic syndrome model. <i>Journal of Endocrinology</i> , 2020, 245, 259-279.	1.2	19
56	Beneficial effects of bile acid receptor agonists in pulmonary disease models. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 1215-1228.	1.9	18
57	Farnesoid X receptor activation improves erectile dysfunction in models of metabolic syndrome and diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 859-866.	1.8	17
58	Young Human Cholinergic Neurons Respond to Physiological Regulators and Improve Cognitive Symptoms in an Animal Model of Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 339.	1.8	17
59	Tumor Necrosis Factor $\beta$ Influences Phenotypic Plasticity and Promotes Epigenetic Changes in Human Basal Forebrain Cholinergic Neuroblasts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6128.	1.8	17
60	Identification, characterization and biological activity of oxytocin receptor in the developing human penis. <i>Molecular Human Reproduction</i> , 2005, 11, 99-106.	1.3	16
61	Physiology of Erectile Function: An Update on Intracellular Molecular Processes. <i>EAU-EBU Update Series</i> , 2006, 4, 96-108.	0.7	16
62	Metformin In Vitro and In Vivo Increases Adenosine Signaling in Rabbit Corpora Cavernosa. <i>Journal of Sexual Medicine</i> , 2014, 11, 1694-1708.	0.3	16
63	Consequences of Anabolic-Androgenic Steroid Abuse in Males; Sexual and Reproductive Perspective. <i>World Journal of Men's Health</i> , 2022, 40, 165.	1.7	15
64	Anti-inflammatory effect of daidzein in human hypothalamic GnRH neurons in an in vitro membrane-based model. <i>BioFactors</i> , 2021, 47, 93-111.	2.6	15
65	Role of Endothelin-1 in the Migration of Human Olfactory Gonadotropin-Releasing Hormone-Secreting Neuroblasts. <i>Endocrinology</i> , 2005, 146, 4321-4330.	1.4	14
66	The G protein-coupled oestrogen receptor, GPER1, mediates direct anti-inflammatory effects of oestrogens in human cholinergic neurones from the nucleus basalis of Meynert. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12837.	1.2	14
67	Sustained Exendin-4 Secretion through Gene Therapy Targeting Salivary Glands in Two Different Rodent Models of Obesity/Type 2 Diabetes. <i>PLoS ONE</i> , 2012, 7, e40074.	1.1	13
68	Neuroprotective Effects of Testosterone in the Hypothalamus of an Animal Model of Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1589.	1.8	13
69	Cell-based therapy in Alzheimer's disease: Can human fetal cholinergic neurons "untangle the skein"? <i>Neural Regeneration Research</i> , 2018, 13, 2105.	1.6	12
70	An electrophysiological study on the effects of BDNF and FGF2 on voltage dependent Ca <sup>2+</sup> currents in developing human striatal primordium. <i>Molecular and Cellular Neurosciences</i> , 2016, 75, 50-62.	1.0	9
71	Relationship between oxidative stress and erectile function. <i>Free Radical Research</i> , 2017, 51, 924-931.	1.5	9
72	The Ontogenetic Expression Pattern of Type 5 Phosphodiesterase Correlates with Androgen Receptor Expression in Rat Corpora Cavernosa. <i>Journal of Sexual Medicine</i> , 2009, 6, 388-396.	0.3	8

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73	Neuroprotective effects of quercetin 4- $\beta$ -D-glucoside on human striatal precursor cells in nutrient deprivation condition. <i>Acta Histochemica</i> , 2018, 120, 122-128.	0.9	8
74	Testosterone protects the lower urinary tract from metabolic syndrome-induced alterations. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2012, 11, 329-37.	0.3	6
75	Hypogonadotropic hypogonadism and metabolic syndrome: insights from the high-fat diet experimental rabbit animal model. <i>Minerva Endocrinologica</i> , 2016, 41, 240-9.	1.7	6
76	Benzo[a]pyrene impairs the migratory pattern of human gonadotropin-releasing-hormone-secreting neuroblasts. <i>European Journal of Histochemistry</i> , 2021, 65, .	0.6	5
77	Acetylcholine modulates K <sup>+</sup> and Na <sup>+</sup> currents in human basal forebrain cholinergic neuroblasts through an autocrine/paracrine mechanism. <i>Journal of Neurochemistry</i> , 2021, 157, 1182-1195.	2.1	3
78	Cortical and spinal conditioned media modify the inward ion currents and excitability and promote differentiation of human striatal primordium. <i>Journal of Chemical Neuroanatomy</i> , 2018, 90, 87-97.	1.0	2
79	Editorial Comment on: Intravesical Botulinum Toxin A Administration Inhibits COX-2 and EP4 Expression and Suppresses Bladder Hyperactivity in Cyclophosphamide-Induced Cystitis in Rats. <i>European Urology</i> , 2009, 56, 166.	0.9	0
80	Vitamin D Receptor Agonists in the Treatment of Benign Prostatic Hyperplasia. , 2011, , 1931-1941.		0
81	A commentary on "Differentiation of pluripotent stem cells into striatal projection neurons: a pure MSN fate may not be sufficient". <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 177.	1.8	0
82	Hypogonadism and Obesity. , 2015, , 35-42.		0