

# Dolores Prieto

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/980816/dolores-prieto-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105  
papers

2,037  
citations

25  
h-index

39  
g-index

108  
ext. papers

2,294  
ext. citations

5  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
105	In vitro inhibition of phosphodiesterase type 4 enhances rat corpus cavernosum nerve-mediated relaxation induced by gasotransmitters.. <i>Life Sciences</i> , <b>2022</b> , 296, 120432	6.8	
104	Endothelial K 1.1 and K 3.1 channels mediate rat intrarenal artery endothelium-derived hyperpolarization response. <i>Acta Physiologica</i> , <b>2021</b> , 231, e13598	5.6	2
103	Differential contribution of renal cytochrome P450 enzymes to kidney endothelial dysfunction and vascular oxidative stress in obesity. <i>Biochemical Pharmacology</i> , <b>2021</b> , 195, 114850	6	1
102	AMPK, metabolism, and vascular function. <i>FEBS Journal</i> , <b>2021</b> , 288, 3746-3771	5.7	19
101	Activation of AMP kinase ameliorates kidney vascular dysfunction, oxidative stress and inflammation in rodent models of obesity. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 4085-4103	8.6	2
100	Activation of the AMP-related kinase (AMPK) induces renal vasodilatation and downregulates Nox-derived reactive oxygen species (ROS) generation. <i>Redox Biology</i> , <b>2020</b> , 34, 101575	11.3	19
99	Metabolic syndrome inhibits store-operated Ca entry and calcium-induced calcium-release mechanism in coronary artery smooth muscle. <i>Biochemical Pharmacology</i> , <b>2020</b> , 182, 114222	6	4
98	Differential contribution of Nox1, Nox2 and Nox4 to kidney vascular oxidative stress and endothelial dysfunction in obesity. <i>Redox Biology</i> , <b>2020</b> , 28, 101330	11.3	42
97	Bladder Dysfunction in an Obese Zucker Rat: The Role of TRPA1 Channels, Oxidative Stress, and Hydrogen Sulfide. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 5641645	6.7	3
96	Role of Phosphatidylinositol 3-Kinase (PI3K), Mitogen-Activated Protein Kinase (MAPK), and Protein Kinase C (PKC) in Calcium Signaling Pathways Linked to the $\beta$ Adrenoceptor in Resistance Arteries. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 55	4.6	11
95	Impaired Ca handling in resistance arteries from genetically obese Zucker rats: Role of the PI3K, ERK1/2 and PKC signaling pathways. <i>Biochemical Pharmacology</i> , <b>2018</b> , 152, 114-128	6	7
94	Phosphodiesterase type 4 inhibition enhances nitric oxide- and hydrogen sulfide-mediated bladder neck inhibitory neurotransmission. <i>Scientific Reports</i> , <b>2018</b> , 8, 4711	4.9	6
93	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. <i>Genes</i> , <b>2018</b> , 9,	4.2	11
92	Hydrogen peroxide derived from NADPH oxidase 4- and 2 contributes to the endothelium-dependent vasodilatation of intrarenal arteries. <i>Redox Biology</i> , <b>2018</b> , 19, 92-104	11.3	21
91	CYP epoxygenase-derived HO is involved in the endothelium-derived hyperpolarization (EDH) and relaxation of intrarenal arteries. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 106, 168-183	7.8	19
90	Underlying mechanisms preserving coronary basal tone and NO-mediated relaxation in obesity: Involvement of $\beta$ subunit-mediated upregulation of BK channels. <i>Atherosclerosis</i> , <b>2017</b> , 263, 227-236	3.1	8
89	Augmented oxidative stress and preserved vasoconstriction induced by hydrogen peroxide in coronary arteries in obesity: role of COX-2. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 3176-3195	8.6	14

88	Vascular Dysfunction in a Transgenic Model of Alzheimer's Disease: Effects of CB1R and CB2R Cannabinoid Agonists. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 422	5.1	10
87	Pre- and post-junctional bradykinin B2 receptors regulate smooth muscle tension to the pig intravesical ureter. <i>Neurourology and Urodynamics</i> , <b>2016</b> , 35, 115-21	2.3	6
86	COX-2 is involved in vascular oxidative stress and endothelial dysfunction of renal interlobar arteries from obese Zucker rats. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 84, 77-90	7.8	45
85	Hydrogen peroxide activates store-operated Ca(2+) entry in coronary arteries. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 5318-32	8.6	18
84	Neuronal and non-neuronal bradykinin receptors are involved in the contraction and/or relaxation to the pig bladder neck smooth muscle. <i>Neurourology and Urodynamics</i> , <b>2014</b> , 33, 558-65	2.3	4
83	Diminished neurogenic femoral artery vasoconstrictor response in a Zucker obese rat model: differential regulation of NOS and COX derivatives. <i>PLoS ONE</i> , <b>2014</b> , 9, e106372	3.7	4
82	Upregulation of SK3 and IK1 channels contributes to the enhanced endothelial calcium signaling and the preserved coronary relaxation in obese Zucker rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e109432	3.7	27
81	Endothelin A (ET(A)) receptors are involved in augmented adrenergic vasoconstriction and blunted nitric oxide-mediated relaxation of penile arteries from insulin-resistant obese Zucker rats. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 1463-74	1.1	8
80	Powerful relaxation of phosphodiesterase type 4 inhibitor rolipram in the pig and human bladder neck. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 930-941	1.1	10
79	Hydrogen sulfide plays a key role in the inhibitory neurotransmission to the pig intravesical ureter. <i>PLoS ONE</i> , <b>2014</b> , 9, e113580	3.7	19
78	Endothelial dysfunction, obesity and insulin resistance. <i>Current Vascular Pharmacology</i> , <b>2014</b> , 12, 412-26	3.3	106
77	Endogenous hydrogen sulfide has a powerful role in inhibitory neurotransmission to the pig bladder neck. <i>Journal of Urology</i> , <b>2013</b> , 189, 1567-73	2.5	21
76	Hydrogen sulfide mediated inhibitory neurotransmission to the pig bladder neck: role of KATP channels, sensory nerves and calcium signaling. <i>Journal of Urology</i> , <b>2013</b> , 190, 746-56	2.5	28
75	Signaling pathways involved in the H2O2-induced vasoconstriction of rat coronary arteries. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 60, 136-46	7.8	23
74	Impaired endothelin calcium signaling coupled to endothelin type B receptors in penile arteries from insulin-resistant obese Zucker rats. <i>Journal of Sexual Medicine</i> , <b>2013</b> , 10, 2141-53	1.1	15
73	Endothelial and neural factors functionally involved in the modulation of noradrenergic vasoconstriction in healthy pig internal mammary artery. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 882-92	6	1
72	Mechanisms involved in endothelin-1-induced contraction of the pig urinary bladder neck. <i>Neurourology and Urodynamics</i> , <b>2012</b> , 31, 156-61	2.3	3
71	Circulating microparticles from patients with obstructive sleep apnea enhance vascular contraction: mandatory role of the endothelium. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1473-82	5.8	13

70	Mechanisms involved in testosterone-induced relaxation to the pig urinary bladder neck. <i>Steroids</i> , <b>2012</b> , 77, 394-402	2.8	14
69	Endothelin ET(B) receptors are involved in the relaxation to the pig urinary bladder neck. <i>Neurourology and Urodynamics</i> , <b>2012</b> , 31, 688-94	2.3	3
68	Role of neural NO synthase (nNOS) uncoupling in the dysfunctional nitrenergic vasorelaxation of penile arteries from insulin-resistant obese Zucker rats. <i>PLoS ONE</i> , <b>2012</b> , 7, e36027	3.7	36
67	Role of calcitonin gene-related peptide in inhibitory neurotransmission to the pig bladder neck. <i>Journal of Urology</i> , <b>2011</b> , 186, 728-35	2.5	5
66	Preserved insulin vasorelaxation and up-regulation of the Akt/eNOS pathway in coronary arteries from insulin resistant obese Zucker rats. <i>Atherosclerosis</i> , <b>2011</b> , 217, 331-9	3.1	20
65	Mechanisms involved in the adenosine-induced vasorelaxation to the pig prostatic small arteries. <i>Purinergic Signalling</i> , <b>2011</b> , 7, 413-25	3.8	4
64	Mechanisms involved in the nitric oxide-induced vasorelaxation in porcine prostatic small arteries. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2011</b> , 384, 245-53	3.4	5
63	Mechanisms involved in the nitric oxide independent inhibitory neurotransmission to the pig urinary bladder neck. <i>Neurourology and Urodynamics</i> , <b>2011</b> , 30, 151-7	2.3	10
62	Impaired Ca <sup>2+</sup> handling in penile arteries from prediabetic Zucker rats: involvement of Rho kinase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H2044-53	5.2	12
61	Insulin resistance in penile arteries from a rat model of metabolic syndrome. <i>British Journal of Pharmacology</i> , <b>2010</b> , 161, 350-64	8.6	21
60	Nitric oxide-mediated negative regulation of cyclooxygenase-2 induction in vascular inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H600-1	5.2	3
59	Hypoxic relaxation of penile arteries: involvement of endothelial nitric oxide and modulation by reactive oxygen species. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H915-24	5.2	24
58	Functional evidence of nitrenergic neurotransmission in the human urinary bladder neck. <i>Neuroscience Letters</i> , <b>2010</b> , 477, 91-4	3.3	13
57	Enhanced cyclooxygenase 2-mediated vasorelaxation in coronary arteries from insulin-resistant obese Zucker rats. <i>Atherosclerosis</i> , <b>2010</b> , 213, 392-9	3.1	28
56	Mechanisms involved in the effects of endothelin-1 in pig prostatic small arteries. <i>European Journal of Pharmacology</i> , <b>2010</b> , 640, 190-6	5.3	9
55	Regulation of NO-dependent acetylcholine relaxation by K <sup>+</sup> channels and the Na <sup>+</sup> -K <sup>+</sup> ATPase pump in porcine internal mammary artery. <i>European Journal of Pharmacology</i> , <b>2010</b> , 641, 61-6	5.3	12
54	Differential structural and functional changes in penile and coronary arteries from obese Zucker rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H696-707	5.2	51
53	Endothelial and potassium channel dependent modulation of noradrenergic vasoconstriction in the pig radial artery. <i>European Journal of Pharmacology</i> , <b>2009</b> , 616, 166-74	5.3	10

52	Editorial comment on: Molecular mechanisms related to parturition-induced stress urinary incontinence. <i>European Urology</i> , <b>2009</b> , 55, 1222	10.2	
51	5-hydroxytryptamine induced relaxation in the pig urinary bladder neck. <i>British Journal of Pharmacology</i> , <b>2009</b> , 157, 271-80	8.6	27
50	Modulation of noradrenergic neurotransmission in isolated rat radial artery. <i>Journal of Pharmacological Sciences</i> , <b>2009</b> , 111, 299-311	3.7	14
49	Enhanced cyclooxygenase 2-mediated vasodilatation in coronary arteries from insulin resistant obese Zucker rats. <i>FASEB Journal</i> , <b>2009</b> , 23, LB69	0.9	1
48	Anatomical, immunohistochemical and physiological characteristics of the vomeronasal vessels in cows and their possible role in vomeronasal reception. <i>Journal of Anatomy</i> , <b>2008</b> , 212, 686-96	2.9	22
47	Mechanisms of the relaxant effect of vardenafil in rat penile arteries. <i>European Journal of Pharmacology</i> , <b>2008</b> , 586, 283-7	5.3	18
46	Mechanisms involved in testosterone-induced vasodilatation in pig prostatic small arteries. <i>Life Sciences</i> , <b>2008</b> , 83, 569-73	6.8	37
45	Rho kinase is involved in Ca <sup>2+</sup> entry of rat penile small arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 294, H1923-32	5.2	30
44	Noradrenergic vasoconstriction of pig prostatic small arteries. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2008</b> , 376, 397-406	3.4	16
43	Contribution of both Ca <sup>2+</sup> entry and Ca <sup>2+</sup> sensitization to the alpha1-adrenergic vasoconstriction of rat penile small arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1157-69	5.2	41
42	Pre-junctional alpha2-adrenoceptors modulation of the nitrgic transmission in the pig urinary bladder neck. <i>Neurourology and Urodynamics</i> , <b>2007</b> , 26, 578-583	2.3	18
41	Enhanced histamine-mediated contraction of rabbit penile dorsal artery in diet-induced hypercholesterolemia. <i>Vascular Pharmacology</i> , <b>2006</b> , 44, 34-41	5.9	2
40	Ca <sup>2+</sup> -activated K <sup>+</sup> (KCa) channels are involved in the relaxations elicited by sildenafil in penile resistance arteries. <i>European Journal of Pharmacology</i> , <b>2006</b> , 531, 232-7	5.3	22
39	PACAP 38 is involved in the non-adrenergic non-cholinergic inhibitory neurotransmission in the pig urinary bladder neck. <i>Neurourology and Urodynamics</i> , <b>2006</b> , 25, 490-7	2.3	18
38	Role of nitric oxide in the relaxation elicited by sildenafil in penile resistance arteries. <i>Journal of Urology</i> , <b>2006</b> , 175, 1164-70	2.5	11
37	Endothelial mechanisms underlying responses to acetylcholine in the horse deep dorsal penile vein. <i>European Journal of Pharmacology</i> , <b>2005</b> , 515, 150-9	5.3	7
36	Heterogeneity of neuronal and smooth muscle receptors involved in the VIP- and PACAP-induced relaxations of the pig intravesical ureter. <i>British Journal of Pharmacology</i> , <b>2004</b> , 141, 123-31	8.6	17
35	Heterogeneity of the neuropeptide Y (NPY) contractile and relaxing receptors in horse penile small arteries. <i>British Journal of Pharmacology</i> , <b>2004</b> , 143, 976-86	8.6	11

34	Mechanisms of prostaglandin E1-induced relaxation in penile resistance arteries. <i>Journal of Urology</i> , <b>2004</b> , 171, 968-73	2.5	27
33	Role of ATP-sensitive K <sup>+</sup> channels in relaxation of penile resistance arteries. <i>Urology</i> , <b>2004</b> , 63, 800-5	1.6	23
32	Characterization of the 5-hydroxytryptamine receptors mediating contraction in the pig isolated intravesical ureter. <i>British Journal of Pharmacology</i> , <b>2003</b> , 138, 137-44	8.6	12
31	Penile arteries and erection. <i>Journal of Vascular Research</i> , <b>2002</b> , 39, 283-303	1.9	85
30	Neuropeptide Y regulates intracellular calcium through different signalling pathways linked to a Y(1)-receptor in rat mesenteric small arteries. <i>British Journal of Pharmacology</i> , <b>2000</b> , 129, 1689-99	8.6	32
29	Cholinergic modulation of non-adrenergic, non-cholinergic relaxation in isolated, small coronary arteries from lambs. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1999</b> , 438, 177-86	4.6	8
28	Contribution of K <sup>+</sup> channels and ouabain-sensitive mechanisms to the endothelium-dependent relaxations of horse penile small arteries. <i>British Journal of Pharmacology</i> , <b>1998</b> , 123, 1609-20	8.6	48
27	Characterization of NPY receptors mediating contraction in rat intramyocardial coronary arteries. <i>Regulatory Peptides</i> , <b>1998</b> , 75-76, 155-60		10
26	Nitrgenic relaxation of the horse corpus cavernosum. Role of cGMP. <i>European Journal of Pharmacology</i> , <b>1998</b> , 351, 85-94	5.3	19
25	Nitric oxide is involved in the inhibitory neurotransmission and endothelium-dependent relaxations of human small penile arteries. <i>Clinical Science</i> , <b>1997</b> , 92, 269-75	6.5	43
24	Prejunctional alpha sub 2-Adrenoceptors Inhibit Nitrgenic Neurotransmission in Horse Penile Resistance Arteries. <i>Journal of Urology</i> , <b>1997</b> , 157, 2356-2360	2.5	53
23	Apamin-sensitive K <sup>+</sup> channels involved in the inhibition of acetylcholine-induced contractions in lamb coronary small arteries. <i>European Journal of Pharmacology</i> , <b>1997</b> , 329, 153-163	5.3	13
22	Distribution and functional effects of neuropeptide Y on equine ureteral smooth muscle and resistance arteries. <i>Regulatory Peptides</i> , <b>1997</b> , 69, 155-65		17
21	Interactions between neuropeptide Y and the adenylate cyclase pathway in rat mesenteric small arteries: role of membrane potential. <i>Journal of Physiology</i> , <b>1997</b> , 502 ( Pt 2), 281-92	3.9	22
20	Involvement of ATP in the non-adrenergic non-cholinergic inhibitory neurotransmission of lamb isolated coronary small arteries. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 411-20	8.6	33
19	Involvement of a glibenclamide-sensitive mechanism in the nitrgenic neurotransmission of the pig intravesical ureter. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 609-16	8.6	19
18	Effects of doxazosin on functional alterations of isolated coronary arteries from cholesterol-fed rabbits. <i>Journal of Pharmacy and Pharmacology</i> , <b>1996</b> , 48, 607-14	4.8	1
17	Involvement of nitric oxide in the non-adrenergic non-cholinergic neurotransmission of horse deep penile arteries: role of charybdotoxin-sensitive K(+)-channels. <i>British Journal of Pharmacology</i> , <b>1995</b> , 116, 2582-90	8.6	46

16	Regional involvement of an endothelium-derived contractile factor in the vasoactive actions of neuropeptide Y in bovine isolated retinal arteries. <i>British Journal of Pharmacology</i> , <b>1995</b> , 116, 2729-37	8.6	21
15	Nitric oxide is involved in the non-adrenergic, non-cholinergic inhibitory neurotransmission of the pig intravesical ureter. <i>Neuroscience Letters</i> , <b>1995</b> , 186, 33-6	3.3	36
14	Effects of tyrosine kinase inhibitors on the contractility of rat mesenteric resistance arteries. <i>British Journal of Pharmacology</i> , <b>1995</b> , 114, 1266-72	8.6	54
13	Histochemical and functional evidence for a cholinergic innervation of the equine ureter. <i>Journal of the Autonomic Nervous System</i> , <b>1994</b> , 47, 159-70		21
12	Effects of (+)-S-12967 and (-)-S-12968, two enantiomers of a new slow-acting 1,4-dihydropyridine, on rat coronary resistance arteries. <i>European Journal of Pharmacology</i> , <b>1993</b> , 238, 27-35	5.3	2
11	Heterogeneity of muscarinic receptors in lamb isolated coronary resistance arteries. <i>British Journal of Pharmacology</i> , <b>1993</b> , 109, 998-1007	8.6	21
10	NADPH-diaphorase and NANC relaxations are correlated in the sheep urinary tract. <i>Neuroscience Letters</i> , <b>1993</b> , 163, 93-6	3.3	29
9	Mediation of contraction by cholinergic muscarinic receptors in the ureterovesical junction. <i>Autonomic and Autacoid Pharmacology</i> , <b>1992</b> , 12, 175-81		7
8	(+)-S-12967 and (-)-S-12968: 1,4-dihydropyridine stereoisomers with calcium channel agonistic and antagonistic properties in rat resistance arteries. <i>British Journal of Pharmacology</i> , <b>1991</b> , 103, 1703-8	8.6	8
7	Heterogeneous involvement of endothelium in calcitonin gene-related peptide-induced relaxation in coronary arteries from rat. <i>British Journal of Pharmacology</i> , <b>1991</b> , 103, 1764-8	8.6	48
6	Regional heterogeneity in the contractile and potentiating effects of neuropeptide Y in rat isolated coronary arteries: modulatory action of the endothelium. <i>British Journal of Pharmacology</i> , <b>1991</b> , 102, 754-8	8.6	19
5	Role of the endothelium in acetylcholine-induced relaxation and spontaneous tone of bovine isolated retinal small arteries. <i>Experimental Eye Research</i> , <b>1991</b> , 52, 575-9	3.7	60
4	Calcitonin gene-related peptide is a potent vasodilator of bovine retinal arteries in vitro. <i>Experimental Eye Research</i> , <b>1991</b> , 53, 399-405	3.7	19
3	Distribution and function of cholinergic receptors in the sheep detrusor muscle. <i>Journal of the Autonomic Nervous System</i> , <b>1991</b> , 34, 95-102		9
2	Mechanisms implicated in the histamine response of the sheep ureterovesical junction. <i>Journal of Urology</i> , <b>1991</b> , 146, 184-7	2.5	9
1	Angiotensin II does not contract bovine retinal resistance arteries in vitro. <i>Experimental Eye Research</i> , <b>1990</b> , 50, 469-74	3.7	19