

Ana P Dantas

List of Publications by Year in Descending Order

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

74
papers

2,111
citations

26
h-index

44
g-index

88
ext. papers

2,367
ext. citations

5.6
avg, IF

4.43
L-index

#	Paper	IF	Citations
74	Circulating miRNA Fingerprint and Endothelial Function in Myocardial Infarction: Comparison at Acute Event and One-Year Follow-Up. <i>Cells</i> , 2022 , 11, 1823	7.9	2
73	Myocardial Injury in COVID-19 Patients: Association with Inflammation, Coagulopathy and In-Hospital Prognosis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	5
72	Effect of sildenafil on right ventricular performance in an experimental large-animal model of postcapillary pulmonary hypertension. <i>Translational Research</i> , 2021 , 228, 64-75	11	1
71	The homeostatic role of hydrogen peroxide, superoxide anion and nitric oxide in the vasculature. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 615-635	7.8	15
70	Complement and coagulation cascades activation is the main pathophysiological pathway in early-onset severe preeclampsia revealed by maternal proteomics. <i>Scientific Reports</i> , 2021 , 11, 3048	4.9	7
69	Arachnoid membrane as a source of sphingosine-1-phosphate that regulates mouse middle cerebral artery tone. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211033362	7.3	0
68	Moderate Hypothermia Modifies Coronary Hemodynamics and Endothelium-Dependent Vasodilation in a Porcine Model of Temperature Management. <i>Journal of the American Heart Association</i> , 2020 , 9, e014035	6	3
67	Stenosis coexists with compromised β -adrenergic contractions in the ascending aorta of a mouse model of Williams-Beuren syndrome. <i>Scientific Reports</i> , 2020 , 10, 889	4.9	7
66	Disparate miRNA expression in serum and plasma of patients with acute myocardial infarction: a systematic and paired comparative analysis. <i>Scientific Reports</i> , 2020 , 10, 5373	4.9	26
65	Uric Acid Treatment After Stroke Prevents Long-Term Middle Cerebral Artery Remodelling and Attenuates Brain Damage in Spontaneously Hypertensive Rats. <i>Translational Stroke Research</i> , 2020 , 11, 1332-1347	7.8	9
64	Uric acid treatment after stroke modulates the Kruppel-like factor 2-VEGF-A axis to protect brain endothelial cell functions: Impact of hypertension. <i>Biochemical Pharmacology</i> , 2019 , 164, 115-128	6	13
63	Premature placental aging in term small-for-gestational-age and growth-restricted fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 615-622	5.8	32
62	Late Onset of Estrogen Therapy Impairs Carotid Function of Senescent Females in Association with Altered Prostanoid Balance and Upregulation of the Variant ER β 6. <i>Cells</i> , 2019 , 8,	7.9	1
61	Equilin displays similar endothelium-independent vasodilator potential to 17 β -estradiol regardless of lower potential to inhibit calcium entry. <i>Steroids</i> , 2019 , 141, 46-54	2.8	1
60	Effect of pulmonary artery denervation in postcapillary pulmonary hypertension: results of a randomized controlled translational study. <i>Basic Research in Cardiology</i> , 2019 , 114, 5	11.8	8
59	ADN libre y da \tilde{b} microvascular en el infarto agudo de miocardio con elevaci \tilde{b} del segmento ST tratado con intervenci \tilde{b} coronaria primaria. <i>Revista Espanola De Cardiologia</i> , 2019 , 72, 317-323	1.5	7
58	Cell-free DNA and Microvascular Damage in ST-segment Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019 , 72, 317-323	0.7	4

57	MicroRNA as Crucial Regulators of Gene Expression in Estradiol-Treated Human Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 1878-1892	3.9	28
56	Detrimental Effects of Testosterone Addition to Estrogen Therapy Involve Cytochrome P-450-Induced 20-HETE Synthesis in Aorta of Ovariectomized Spontaneously Hypertensive Rat (SHR), a Model of Postmenopausal Hypertension. <i>Frontiers in Physiology</i> , 2018 , 9, 490	4.6	8
55	Characteristics of the Endothelium in Both Sexes 2018 , 63-81		1
54	Endothelial function impairment in STEMI patients with out-of-hospital cardiac arrest under therapeutic hypothermia treatment. <i>International Journal of Cardiology</i> , 2017 , 232, 70-75	3.2	3
53	Intracoronary Administration of Allogeneic Adipose Tissue-Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	33
52	Treatment with Standard and Low Dose of Conjugated Equine Estrogen Differentially Modulates Estrogen Receptor Expression and Response to Angiotensin II in Mesenteric Venular Bed of Surgically Postmenopausal Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 319, 98-107	4.7	3
51	Three-dimensional printing of an aortic model for transcatheter aortic valve implantation: possible clinical applications. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 283-285	2.5	15
50	Peroxynitrite formed during a transient episode of brain ischaemia increases endothelium-derived hyperpolarization-type dilations in thromboxane/prostaglandin receptor-stimulated rat cerebral arteries. <i>Acta Physiologica</i> , 2017 , 220, 150-166	5.6	2
49	Differences in the Thoracic Aorta by Region and Sex in a Murine Model of Marfan Syndrome. <i>Frontiers in Physiology</i> , 2017 , 8, 933	4.6	13
48	miRNA Update: A Review Focus on Clinical Implications of miRNA in Vascular Remodeling. <i>AIMS Medical Science</i> , 2017 , 4, 99-112	0.4	4
47	Decreased bioavailability of nitric oxide in aorta from ovariectomized senescent mice. Role of cyclooxygenase. <i>Experimental Gerontology</i> , 2016 , 76, 1-8	4.5	17
46	NADPH oxidase 4 attenuates cerebral artery changes during the progression of Marfan syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H1081-90	5.2	9
45	Sex differences in angiotensin II responses contribute to a differential regulation of cox-mediated vascular dysfunction during aging. <i>Experimental Gerontology</i> , 2016 , 85, 71-80	4.5	10
44	Anti-toll like receptor 4 (TLR4) therapy diminishes cardiac remodeling regardless of changes in blood pressure in spontaneously hypertensive rats (SHR). <i>International Journal of Cardiology</i> , 2015 , 187, 243-5	3.2	13
43	2C.04. <i>Journal of Hypertension</i> , 2015 , 33, e26	1.9	1
42	Association of testosterone with estrogen abolishes the beneficial effects of estrogen treatment by increasing ROS generation in aorta endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H723-32	5.2	25
41	Middle cerebral artery remodeling following transient brain ischemia is linked to early postischemic hyperemia: a target of uric acid treatment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H862-74	5.2	55
40	K+ channels expression in hypertension after arterial injury, and effect of selective Kv1.3 blockade with PAP-1 on intimal hyperplasia formation. <i>Cardiovascular Drugs and Therapy</i> , 2014 , 28, 501-11	3.9	14

39	Allogeneic adipose stem cell therapy in acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 83-92	4.6	41
38	P752Sex-associated differences in oxidative stress and renin-angiotensin system contribute to a differential regulation of vascular aging. <i>Cardiovascular Research</i> , 2014 , 103, S137.5-S138	9.9	
37	Western diet consumption promotes vascular remodeling in non-senescent mice consistent with accelerated senescence, but does not modify vascular morphology in senescent ones. <i>Experimental Gerontology</i> , 2014 , 55, 1-11	4.5	8
36	Rice bran enzymatic extract restores endothelial function and vascular contractility in obese rats by reducing vascular inflammation and oxidative stress. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1453-61	6.3	45
35	Western-style diet modulates contractile responses to phenylephrine differently in mesenteric arteries from senescence-accelerated prone (SAMP8) and resistant (SAMR1) mice. <i>Age</i> , 2013 , 35, 1219-34		12
34	Aging enhances contraction to thromboxane A2 in aorta from female senescence-accelerated mice. <i>Age</i> , 2013 , 35, 117-28		26
33	Aging-related endothelial dysfunction in the aorta from female senescence-accelerated mice is associated with decreased nitric oxide synthase expression. <i>Experimental Gerontology</i> , 2013 , 48, 1329-37	4.5	39
32	Conjugated equine estrogen treatment corrected the exacerbated aorta oxidative stress in ovariectomized spontaneously hypertensive rats. <i>Steroids</i> , 2013 , 78, 341-6	2.8	29
31	Western-type diet induces senescence, modifies vascular function in non-senescence mice and triggers adaptive mechanisms in senescent ones. <i>Experimental Gerontology</i> , 2013 , 48, 1410-9	4.5	7
30	Increased endothelin-1 vasoconstriction in mesenteric resistance arteries after superior mesenteric ischaemia-reperfusion. <i>British Journal of Pharmacology</i> , 2012 , 165, 937-50	8.6	26
29	Vascular Aging in Women: is Estrogen the Fountain of Youth?. <i>Frontiers in Physiology</i> , 2012 , 3, 165	4.6	60
28	Vascular aging: facts and factors. <i>Frontiers in Physiology</i> , 2012 , 3, 325	4.6	35
27	Effects of estrogen on vascular inflammation: a matter of timing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2035-42	9.4	63
26	Middle cerebral artery alterations in a rat chronic hypoperfusion model. <i>Journal of Applied Physiology</i> , 2012 , 112, 511-8	3.7	18
25	Vascular disease in diabetic women: Why do they miss the female protection?. <i>Experimental Diabetes Research</i> , 2012 , 2012, 570598		29
24	Transient mesenteric ischemia leads to remodeling of rat mesenteric resistance arteries. <i>Frontiers in Physiology</i> , 2011 , 2, 118	4.6	6
23	Aging negatively affects estrogens-mediated effects on nitric oxide bioavailability by shifting ER/ER β balance in female mice. <i>PLoS ONE</i> , 2011 , 6, e25335	3.7	40
22	ANTI-INFLAMMATORY EFFECTS OF ESTROGEN AND RALOXIFENE: A MATTER OF TIMING. <i>Journal of Hypertension</i> , 2011 , 29, e570	1.9	

21	ADVANCING AGE INCREASES CONTRACTILE PROSTANOIDS RELEASE IN AORTA OF FEMALE SENESCENCE ACCELERATED MOUSE. <i>Journal of Hypertension</i> , 2011 , 29, e193-e194	1.9	
20	Equine estrogens impair nitric oxide production and endothelial nitric oxide synthase transcription in human endothelial cells compared with the natural 17{beta}-estradiol. <i>Hypertension</i> , 2010 , 56, 405-11	8.5	33
19	Effects of adipose tissue-derived stem cell therapy after myocardial infarction: impact of the route of administration. <i>Journal of Cardiac Failure</i> , 2010 , 16, 357-66	3.3	68
18	Gathering of aging and estrogen withdrawal in vascular dysfunction of senescent accelerated mice. <i>Experimental Gerontology</i> , 2010 , 45, 868-74	4.5	26
17	Characterization of the relaxant response to equilin in rat mesenteric arteries. <i>FASEB Journal</i> , 2010 , 24, 575.7	0.9	1
16	Sex differences in renal nitric oxide synthase, NAD(P)H oxidase, and blood pressure in obese Zucker rats. <i>Gender Medicine</i> , 2007 , 4, 214-29		12
15	The phosphorylation state of eNOS modulates vascular reactivity and outcome of cerebral ischemia in vivo. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1961-7	15.9	125
14	Challenges and opportunities associated with targeting estrogen receptors in treating hypertension and cardiovascular disease. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2005 , 2, 245-251		1
13	Estrogen regulation of tumor necrosis factor-alpha: a missing link between menopause and cardiovascular risk in women?. <i>Hypertension</i> , 2005 , 46, 21-2	8.5	16
12	Estrogen enhances vasoconstrictive remodeling after injury in male rabbits. <i>Brazilian Journal of Medical and Biological Research</i> , 2005 , 38, 1325-9	2.8	5
11	Expression of inducible nitric oxide synthase is increased in patients with heart failure due to ischemic disease. <i>Brazilian Journal of Medical and Biological Research</i> , 2004 , 37, 1313-20	2.8	29
10	Relative contribution of estrogen withdrawal and gonadotropins increase secondary to ovariectomy on prostaglandin generation in mesenteric microvessels. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 43, 48-55	3.1	11
9	Gender differences in superoxide generation in microvessels of hypertensive rats: role of NAD(P)H-oxidase. <i>Cardiovascular Research</i> , 2004 , 61, 22-9	9.9	84
8	VEGF induces S1P1 receptors in endothelial cells: Implications for cross-talk between sphingolipid and growth factor receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10664-9	11.5	163
7	Sphingosine 1-phosphate and control of vascular tone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H2045-52	5.2	97
6	Sustained decrease in superoxide dismutase activity underlies constrictive remodeling after balloon injury in rabbits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 2197-202	9.4	57
5	Intrauterine undernutrition: expression and activity of the endothelial nitric oxide synthase in male and female adult offspring. <i>Cardiovascular Research</i> , 2002 , 56, 145-53	9.9	123
4	In vivo evidence for antioxidant potential of estrogen in microvessels of female spontaneously hypertensive rats. <i>Hypertension</i> , 2002 , 39, 405-11	8.5	94

- 3 Enhanced oxidative stress as a potential mechanism underlying the programming of hypertension in utero. *Journal of Cardiovascular Pharmacology*, **2002**, 40, 501-9 3.1 111
- 2 Influence of hypoxia on nitric oxide synthase activity and gene expression in children with congenital heart disease: a novel pathophysiological adaptive mechanism. *Circulation*, **2001**, 103, 2272-6^{16.7} 79
- 1 Influence of female sex hormones on endothelium-derived vasoconstrictor prostanoid generation in microvessels of spontaneously hypertensive rats. *Hypertension*, **1999**, 34, 914-9 8.5 77