Marianne Tare

List of Publications by Year
in descending order

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53 papers	2,259 citations	236925 25 h-index	214800 47 g-index
53 all docs	53 docs citations	53 times ranked	2459 citing authors

#	Article	IF	Citations
1	Involvement of Myoendothelial Gap Junctions in the Actions of Endothelium-Derived Hyperpolarizing Factor. Circulation Research, 2002, 90, 1108-1113.	4.5	255
2	K⁺ currents underlying the action of endotheliumâ€derived hyperpolarizing factor in guineaâ€pig, rat and human blood vessels. Journal of Physiology, 2001, 531, 359-373.	2.9	138
3	Uteroplacental insufficiency causes a nephron deficit, modest renal insufficiency but no hypertension with ageing in female rats. Journal of Physiology, 2009, 587, 2635-2646.	2.9	128
4	Vitamin D insufficiency is associated with impaired vascular endothelial and smooth muscle function and hypertension in young rats. Journal of Physiology, 2011, 589, 4777-4786.	2.9	128
5	Intrauterine growth restriction delays cardiomyocyte maturation and alters coronary artery function in the fetal sheep. Journal of Physiology, 2007, 578, 871-881.	2.9	124
6	Sepsisâ€induced acute kidney injury: A disease of the microcirculation. Microcirculation, 2019, 26, e12483.	1.8	118
7	Comparison of effects of diabetes mellitus on an EDHF-dependent and an EDHF-independent artery. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H232-H240.	3.2	111
8	M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H906-H917.	3.2	109
9	Localization of relaxin receptors in arteries and veins, and regionâ€specific increases in compliance and bradykininâ€mediated relaxation after in vivo serelaxin treatment. FASEB Journal, 2014, 28, 275-287.	0.5	88
10	Uteroplacental insufficiency programs regional vascular dysfunction and alters arterial stiffness in female offspring. Journal of Physiology, 2010, 588, 1997-2010.	2.9	71
11	EDHF is not K+ but may be due to spread of current from the endothelium in guinea pig arterioles. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H2478-H2483.	3.2	65
12	Glycyrrhetinic derivatives inhibit hyperpolarization in endothelial cells of guinea pig and rat arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H335-H341.	3.2	65
13	Maternal melatonin administration mitigates coronary stiffness and endothelial dysfunction, and improves heart resilience to insult in growth restricted lambs. Journal of Physiology, 2014, 592, 2695-2709.	2.9	50
14	Loss of a kidney during fetal life: long-term consequences and lessons learned. American Journal of Physiology - Renal Physiology, 2014, 306, F791-F800.	2.7	50
15	Relaxin mediates uterine artery compliance during pregnancy and increases uterine blood flow. FASEB Journal, 2012, 26, 4035-4044.	0.5	48
16	EDHF, NO and a prostanoid: hyperpolarization-dependent and -independent relaxation in guinea-pig arteries. British Journal of Pharmacology, 2000, 130, 605-618.	5.4	44
17	Uteroplacental Insufficiency and Lactational Environment Separately Influence Arterial Stiffness and Vascular Function in Adult Male Rats. Hypertension, 2012, 60, 378-386.	2.7	43
18	Acute Intravenous Injection of Serelaxin (Recombinant Human Relaxinâ€2) Causes Rapid and Sustained Bradykininâ€Mediated Vasorelaxation. Journal of the American Heart Association, 2014, 3, e000493.	3.7	43

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19	Regulator of G protein signaling 5 is a determinant of gestational hypertension and preeclampsia. Science Translational Medicine, 2015, 7, 290ra88.	12.4	39
20	Serelaxin: A Novel Therapeutic for Vascular Diseases. Trends in Pharmacological Sciences, 2016, 37, 498-507.	8.7	38
21	Sex-Related Differences in Hypertension. Hypertension, 2013, 62, 674-677.	2.7	32
22	Accelerated age-related decline in renal and vascular function in female rats following early-life growth restriction. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1153-R1161.	1.8	28
23	Relaxin deficiency attenuates pregnancy-induced adaptation of the mesenteric artery to angiotensin II in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R847-R857.	1.8	28
24	A Vasoactive Role for Endogenous Relaxin in Mesenteric Arteries of Male Mice. PLoS ONE, 2014, 9, e107382.	2.5	27
25	Relaxin treatment reduces angiotensin II-induced vasoconstriction in pregnancy and protects against endothelial dysfunctionâ€. Biology of Reproduction, 2017, 96, 895-906.	2.7	26
26	Exposure to intrauterine inflammation leads to impaired function and altered structure in the preterm heart of fetal sheep. Clinical Science, 2014, 127, 559-569.	4.3	25
27	Hypotensive and vascular relaxant effects of phospholipase A2 toxins from Papuan taipan (Oxyuranus) Tj ETQq1 1 0.784314 rgBT /Ov	3.5	25
28	Pericardial adipose and aromatase: A new translational target for aging, obesity and arrhythmogenesis?. Journal of Molecular and Cellular Cardiology, 2017, 111, 96-101.	1.9	25
29	Long-Term Alteration in Maternal Blood Pressure and Renal Function After Pregnancy in Normal and Growth-Restricted Rats. Hypertension, 2012, 60, 206-213.	2.7	24
30	Enhanced Uterine Artery Stiffness in Aged Pregnant Relaxin Mutant Mice Is Reversed with Exogenous Relaxin Treatment1. Biology of Reproduction, 2013, 89, 18.	2.7	24
31	Uteroplacental insufficiency programmes vascular dysfunction in nonâ€pregnant rats: compensatory adaptations in pregnancy. Journal of Physiology, 2012, 590, 3375-3388.	2.9	23
32	Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep. Circulation, 2015, 131, 280-288.	1.6	23
33	Relaxin reduces endotheliumâ€derived vasoconstriction in hypertension: Revealing new therapeutic insights. British Journal of Pharmacology, 2020, 177, 217-233.	5.4	23
34	Maternal alcohol consumption in pregnancy enhances arterial stiffness and alters vasodilator function that varies between vascular beds in fetal sheep. Journal of Physiology, 2014, 592, 2591-2603.	2.9	22
35	From pregnancy to cardiovascular disease: Lessons from relaxinâ€deficient animals to understand relaxin actions in the vascular system. Microcirculation, 2019, 26, e12464.	1.8	17
36	Selective Increase in Renal Arcuate Innervation Density and Neurogenic Constriction in Chronic Angiotensin II-Infused Rats. Hypertension, 2004, 43, 643-648.	2.7	16

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37	Recent developments in relaxin mimetics as therapeutics for cardiovascular diseases. Current Opinion in Pharmacology, 2019, 45, 42-48.	3.5	16
38	Differential effects of relaxin deficiency on vascular aging in arteries of male mice. Age, 2015, 37, 9803.	3.0	14
39	Vasoactive actions of nitroxyl (HNO) are preserved in resistance arteries in diabetes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 397-408.	3.0	13
40	Relaxin Deficiency Leads to Uterine Artery Dysfunction During Pregnancy in Mice. Frontiers in Physiology, 2018, 9, 255.	2.8	13
41	Chronic low alcohol intake during pregnancy programs sex-specific cardiovascular deficits in rats. Biology of Sex Differences, 2019, 10, 21.	4.1	11
42	Pregnancy-Induced Decrease in Evoked Excitatory Junction Potentials in Guinea Pig Uterine Artery. Journal of Vascular Research, 1998, 35, 63-71.	1.4	10
43	Shortâ€term (48Âhours) intravenous serelaxin infusion has no effect on myogenic tone or vascular remodeling in rat mesenteric arteries. Microcirculation, 2017, 24, e12371.	1.8	10
44	Angiotensin receptor blockade in juvenile male rat offspring: Implications for long-term cardio-renal health. Pharmacological Research, 2018, 134, 320-331.	7.1	10
45	Uteroplacental insufficiency temporally exacerbates saltâ€induced hypertension associated with a reduced natriuretic response in male rat offspring. Journal of Physiology, 2018, 596, 5859-5872.	2.9	8
46	Does serelaxin treatment alter passive mechanical wall properties in small resistance arteries?. Microcirculation, 2016, 23, 631-636.	1.8	6
47	Endothelium-dependent hyperpolarization in resting and depolarized mammary and coronary arteries of guinea-pigs. British Journal of Pharmacology, 1999, 126, 421-428.	5.4	3
48	A tough life in utero doesn't necessarily make for a stiff future: sex matters for aortic passive mechanics. Journal of Physiology, 2018, 596, 5491-5492.	2.9	1
49	Early impact of moderate preterm birth on the structure, function and gene expression of conduit arteries. Experimental Physiology, 2020, 105, 1256-1267.	2.0	1
50	Response to Letters Regarding Article, â€œRenal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheepâ€• Circulation, 2015, 132, e195.	1.6	0
51	Microcirculation at Mooloolaba. Microcirculation, 2019, 26, e12533.	1.8	0
52	Surviving life in the womb and the implications for vascular health in adulthood. , 2011, , 29-31.		0
53	Structural, Functional and Gene Expression Analyses of the Aorta and Carotid Arteries in Newborn Term and Moderately Preterm Lambs. FASEB Journal, 2019, 33, 208.5.	0.5	0