

# 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	Relaxin reduces endothelium-derived vasoconstriction in hypertension: Revealing new therapeutic insights. <i>British Journal of Pharmacology</i> , 2020, 177, 217-233.	5.4	23
2	Early impact of moderate preterm birth on the structure, function and gene expression of conduit arteries. <i>Experimental Physiology</i> , 2020, 105, 1256-1267.	2.0	1
3	From pregnancy to cardiovascular disease: Lessons from relaxin-deficient animals to understand relaxin actions in the vascular system. <i>Microcirculation</i> , 2019, 26, e12464.	1.8	17
4	Sepsis-induced acute kidney injury: A disease of the microcirculation. <i>Microcirculation</i> , 2019, 26, e12483.	1.8	118
5	Microcirculation at Mooloolaba. <i>Microcirculation</i> , 2019, 26, e12533.	1.8	0
6	Chronic low alcohol intake during pregnancy programs sex-specific cardiovascular deficits in rats. <i>Biology of Sex Differences</i> , 2019, 10, 21.	4.1	11
7	Recent developments in relaxin mimetics as therapeutics for cardiovascular diseases. <i>Current Opinion in Pharmacology</i> , 2019, 45, 42-48.	3.5	16
8	Structural, Functional and Gene Expression Analyses of the Aorta and Carotid Arteries in Newborn Term and Moderately Preterm Lambs. <i>FASEB Journal</i> , 2019, 33, 208.5.	0.5	0
9	Uteroplacental insufficiency temporally exacerbates salt-induced hypertension associated with a reduced natriuretic response in male rat offspring. <i>Journal of Physiology</i> , 2018, 596, 5859-5872.	2.9	8
10	Relaxin Deficiency Leads to Uterine Artery Dysfunction During Pregnancy in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 255.	2.8	13
11	A tough life <i>in utero</i> doesn't necessarily make for a stiff future: sex matters for aortic passive mechanics. <i>Journal of Physiology</i> , 2018, 596, 5491-5492.	2.9	1
12	Angiotensin receptor blockade in juvenile male rat offspring: Implications for long-term cardio-renal health. <i>Pharmacological Research</i> , 2018, 134, 320-331.	7.1	10
13	Vasoactive actions of nitroxyl (HNO) are preserved in resistance arteries in diabetes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 397-408.	3.0	13
14	Relaxin treatment reduces angiotensin II-induced vasoconstriction in pregnancy and protects against endothelial dysfunction. <i>Biology of Reproduction</i> , 2017, 96, 895-906.	2.7	26
15	Short-term (48 hours) intravenous serelaxin infusion has no effect on myogenic tone or vascular remodeling in rat mesenteric arteries. <i>Microcirculation</i> , 2017, 24, e12371.	1.8	10
16	Pericardial adipose and aromatase: A new translational target for aging, obesity and arrhythmogenesis?. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 96-101.	1.9	25
17	Does serelaxin treatment alter passive mechanical wall properties in small resistance arteries?. <i>Microcirculation</i> , 2016, 23, 631-636.	1.8	6
18	Serelaxin: A Novel Therapeutic for Vascular Diseases. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 498-507.	8.7	38

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19	Relaxin deficiency attenuates pregnancy-induced adaptation of the mesenteric artery to angiotensin II in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R847-R857.	1.8	28
20	Response to Letters Regarding Article, "Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep". <i>Circulation</i> , 2015, 132, e195.	1.6	0
21	Accelerated age-related decline in renal and vascular function in female rats following early-life growth restriction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1153-R1161.	1.8	28
22	Regulator of G protein signaling 5 is a determinant of gestational hypertension and preeclampsia. <i>Science Translational Medicine</i> , 2015, 7, 290ra88.	12.4	39
23	Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep. <i>Circulation</i> , 2015, 131, 280-288.	1.6	23
24	Differential effects of relaxin deficiency on vascular aging in arteries of male mice. <i>Age</i> , 2015, 37, 9803.	3.0	14
25	M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H906-H917.	3.2	109
26	Exposure to intrauterine inflammation leads to impaired function and altered structure in the preterm heart of fetal sheep. <i>Clinical Science</i> , 2014, 127, 559-569.	4.3	25
27	Acute Intravenous Injection of Serelaxin (Recombinant Human Relaxin) Causes Rapid and Sustained Bradykinin-Mediated Vasorelaxation. <i>Journal of the American Heart Association</i> , 2014, 3, e000493.	3.7	43
28	Localization of relaxin receptors in arteries and veins, and region-specific increases in compliance and bradykinin-mediated relaxation after <i>in vivo</i> serelaxin treatment. <i>FASEB Journal</i> , 2014, 28, 275-287.	0.5	88
29	Maternal alcohol consumption in pregnancy enhances arterial stiffness and alters vasodilator function that varies between vascular beds in fetal sheep. <i>Journal of Physiology</i> , 2014, 592, 2591-2603.	2.9	22
30	Hypotensive and vascular relaxant effects of phospholipase A2 toxins from Papuan taipan ( <i>Oxyuranus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	25
31	Maternal melatonin administration mitigates coronary stiffness and endothelial dysfunction, and improves heart resilience to insult in growth restricted lambs. <i>Journal of Physiology</i> , 2014, 592, 2695-2709.	2.9	50
32	Loss of a kidney during fetal life: long-term consequences and lessons learned. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F791-F800.	2.7	50
33	A Vasoactive Role for Endogenous Relaxin in Mesenteric Arteries of Male Mice. <i>PLoS ONE</i> , 2014, 9, e107382.	2.5	27
34	Sex-Related Differences in Hypertension. <i>Hypertension</i> , 2013, 62, 674-677.	2.7	32
35	Enhanced Uterine Artery Stiffness in Aged Pregnant Relaxin Mutant Mice Is Reversed with Exogenous Relaxin Treatment. <i>Biology of Reproduction</i> , 2013, 89, 18.	2.7	24
36	Uteroplacental Insufficiency and Lactational Environment Separately Influence Arterial Stiffness and Vascular Function in Adult Male Rats. <i>Hypertension</i> , 2012, 60, 378-386.	2.7	43

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37	Long-Term Alteration in Maternal Blood Pressure and Renal Function After Pregnancy in Normal and Growth-Restricted Rats. <i>Hypertension</i> , 2012, 60, 206-213.	2.7	24
38	Relaxin mediates uterine artery compliance during pregnancy and increases uterine blood flow. <i>FASEB Journal</i> , 2012, 26, 4035-4044.	0.5	48
39	Uteroplacental insufficiency programmes vascular dysfunction in non-pregnant rats: compensatory adaptations in pregnancy. <i>Journal of Physiology</i> , 2012, 590, 3375-3388.	2.9	23
40	Vitamin D insufficiency is associated with impaired vascular endothelial and smooth muscle function and hypertension in young rats. <i>Journal of Physiology</i> , 2011, 589, 4777-4786.	2.9	128
41	Surviving life in the womb and the implications for vascular health in adulthood. , 2011, , 29-31.		0
42	Uteroplacental insufficiency programs regional vascular dysfunction and alters arterial stiffness in female offspring. <i>Journal of Physiology</i> , 2010, 588, 1997-2010.	2.9	71
43	Uteroplacental insufficiency causes a nephron deficit, modest renal insufficiency but no hypertension with ageing in female rats. <i>Journal of Physiology</i> , 2009, 587, 2635-2646.	2.9	128
44	Intrauterine growth restriction delays cardiomyocyte maturation and alters coronary artery function in the fetal sheep. <i>Journal of Physiology</i> , 2007, 578, 871-881.	2.9	124
45	Selective Increase in Renal Arcuate Innervation Density and Neurogenic Constriction in Chronic Angiotensin II-Infused Rats. <i>Hypertension</i> , 2004, 43, 643-648.	2.7	16
46	Involvement of Myoendothelial Gap Junctions in the Actions of Endothelium-Derived Hyperpolarizing Factor. <i>Circulation Research</i> , 2002, 90, 1108-1113.	4.5	255
47	Glycyrrhetic derivatives inhibit hyperpolarization in endothelial cells of guinea pig and rat arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H335-H341.	3.2	65
48	Comparison of effects of diabetes mellitus on an EDHF-dependent and an EDHF-independent artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H232-H240.	3.2	111
49	EDHF is not K <sup>+</sup> but may be due to spread of current from the endothelium in guinea pig arterioles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H2478-H2483.	3.2	65
50	K <sup>+</sup> currents underlying the action of endothelium-derived hyperpolarizing factor in guinea-pig, rat and human blood vessels. <i>Journal of Physiology</i> , 2001, 531, 359-373.	2.9	138
51	EDHF, NO and a prostanoid: hyperpolarization-dependent and -independent relaxation in guinea-pig arteries. <i>British Journal of Pharmacology</i> , 2000, 130, 605-618.	5.4	44
52	Endothelium-dependent hyperpolarization in resting and depolarized mammary and coronary arteries of guinea-pigs. <i>British Journal of Pharmacology</i> , 1999, 126, 421-428.	5.4	3
53	Pregnancy-Induced Decrease in Evoked Excitatory Junction Potentials in Guinea Pig Uterine Artery. <i>Journal of Vascular Research</i> , 1998, 35, 63-71.	1.4	10