Mark Wareing

List of Publications by Year in Descending Order

79 papers	2,257 citations	26 h-index	44 g-index
87 ext. papers	2,480 ext. citations	3.9 avg, IF	4.54 L-index

#	Paper	IF	Citations
79	Kynurenine Relaxes Arteries of Normotensive Women and Those With Preeclampsia. *Circulation Research*, **2021**, 128, 1679-1693	15.7	5
78	Iron Is Filtered by the Kidney and Is Reabsorbed by the Proximal Tubule. *Frontiers in Physiology*, **2021**, 12, 740716	4.6	0
77	Beetroot juice lowers blood pressure and improves endothelial function in pregnant eNOS mice: importance of nitrate-independent effects. *Journal of Physiology*, **2020**, 598, 4079-4092	3.9	9
76	The kynurenine pathway; A new target for treating maternal features of preeclampsia?. *Placenta*, **2019**, 84, 44-49	3.4	10
75	Exposure to omentum adipose tissue conditioned medium from obese pregnant women promotes myometrial artery dysfunction. *Journal of Obstetrics and Gynaecology Research*, **2018**, 44, 124-133	1.9	1
74	Effects of dietary nitrate supplementation, from beetroot juice, on blood pressure in hypertensive pregnant women: A randomised, double-blind, placebo-controlled feasibility trial. *Nitric Oxide - Biology and Chemistry*, **2018**, 80, 37-44	5	31
73	Melatonin Increases Fetal Weight in Wild-Type Mice but Not in Mouse Models of Fetal Growth Restriction. *Frontiers in Physiology*, **2018**, 9, 1141	4.6	9
72	Pomegranate Juice Supplementation Alters Utero-Placental Vascular Function and Fetal Growth in the eNOS Mouse Model of Fetal Growth Restriction. *Frontiers in Physiology*, **2018**, 9, 1145	4.6	8
71	Nitrite mediated vasorelaxation in human chorionic plate vessels is enhanced by hypoxia and dependent on the NO-sGC-cGMP pathway. *Nitric Oxide - Biology and Chemistry*, **2018**, 80, 82-88	5	12
70	Dietary interventions for fetal growth restriction - therapeutic potential of dietary nitrate supplementation in pregnancy. *Journal of Physiology*, **2017**, 595, 5095-5102	3.9	12
69	Selective Targeting of a Novel Vasodilator to the Uterine Vasculature to Treat Impaired Uteroplacental Perfusion in Pregnancy. *Theranostics*, **2017**, 7, 3715-3731	12.1	54
68	Placental Adaptation: What Can We Learn from Birthweight:Placental Weight Ratio?. *Frontiers in Physiology*, **2016**, 7, 28	4.6	113
67	Insulin Induces Relaxation and Decreases Hydrogen Peroxide-Induced Vasoconstriction in Human Placental Vascular Bed in a Mechanism Mediated by Calcium-Activated Potassium Channels and L-Arginine/Nitric Oxide Pathways. *Frontiers in Physiology*, **2016**, 7, 529	4.6	7
66	Loss of anti-contractile effect of perivascular adipose tissue in offspring of obese rats. *International Journal of Obesity*, **2016**, 40, 1205-14	5.5	21
65	The atrial natriuretic peptide (ANP) knockout mouse does not exhibit the phenotypic features of pre-eclampsia or demonstrate fetal growth restriction. *Placenta*, **2016**, 42, 25-7	3.4	2
64	Activation of KV7 channels stimulates vasodilatation of human placental chorionic plate arteries. *Placenta*, **2015**, 36, 638-44	3.4	14
63	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction. *Journal of Physiology*, **2015**, 593, 3077-92	3.9	34

62	Placental Features of Late-Onset Adverse Pregnancy Outcome. *PLoS ONE*, **2015**, 10, e0129117	3.7	29
61	Maternal obesity is associated with a reduction in placental taurine transporter activity. *International Journal of Obesity*, **2015**, 39, 557-64	5.5	44
60	Oxygen sensitivity, potassium channels, and regulation of placental vascular tone. *Microcirculation*, **2014**, 21, 58-66	2.9	19
59	In vitro assessment of mouse fetal abdominal aortic vascular function. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R746-54	3.2	7
58	Maternal obesity impairs specific regulatory pathways in human myometrial arteries. *Biology of Reproduction*, **2014**, 90, 65	3.9	13
57	Chronic glucocorticoid exposure potentiates placental chorionic plate artery constriction: implications for aberrant fetoplacental vascular resistance in fetal growth restriction. *Endocrinology* , **2013**, 154, 876-87	4.8	18
56	Chorionic plate arterial function is altered in maternal obesity. *Placenta*, **2013**, 34, 281-7	3.4	25
55	Uterine vasculature remodeling in human pregnancy involves functional macrochimerism by endothelial colony forming cells of fetal origin. *Stem Cells*, **2013**, 31, 1363-70	5.8	18
54	Characterisation of K+ channels in human fetoplacental vascular smooth muscle cells. *PLoS ONE*, **2013**, 8, e57451	3.7	20
53	Sildenafil citrate increases fetal weight in a mouse model of fetal growth restriction with a normal vascular phenotype. *PLoS ONE*, **2013**, 8, e77748	3.7	41
52	Crossing mice deficient in eNOS with placental-specific Igf2 knockout mice: a new model of fetal growth restriction. *Placenta*, **2012**, 33, 1052-4	3.4	4
51	Expression of an electrically silent voltage-gated potassium channel in the human placenta. *Journal of Obstetrics and Gynaecology*, **2012**, 32, 624-9	1.3	6
50	Reversed umbilical arterial end diastolic flow, sildenafil treatment and early stillbirths. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2012**, 119, 510-510	3.7	
49	Effects of oxygenation and luminal flow on human placenta chorionic plate blood vessel function. *Journal of Obstetrics and Gynaecology Research*, **2012**, 38, 185-91	1.9	7
48	eNOS knockout mouse as a model of fetal growth restriction with an impaired uterine artery function and placental transport phenotype. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 303, R86-93	3.2	80
47	Sildenafil citrate therapy for severe early-onset intrauterine growth restriction. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2011**, 118, 624-8	3.7	133
46	Obesity and the placenta: A consideration of nutrient exchange mechanisms in relation to aberrant fetal growth. *Placenta*, **2011**, 32, 1-7	3.4	92
45	Review: Potassium channels in the human fetoplacental vasculature. *Placenta*, **2011**, 32 Suppl 2, S203-6	3.4	14

44	System A activity and vascular function in the placental-specific Igf2 knockout mouse. *Placenta*, **2011**, 32, 871-6	3.4	14
43	Defining fetal growth restriction in mice: A standardized and clinically relevant approach. *Placenta*, **2011**, 32, 914-6	3.4	25
42	Phosphodiesterase inhibitor effect on small artery function in preeclampsia. *Hypertension in Pregnancy*, **2011**, 30, 144-52	2	14
41	Acute simvastatin increases endothelial nitric oxide synthase phosphorylation via AMP-activated protein kinase and reduces contractility of isolated rat mesenteric resistance arteries. *Clinical Science*, **2011**, 121, 449-58	6.5	42
40	Endothelial dysfunction in myometrial arteries of women with gestational diabetes. *Diabetes Research and Clinical Practice*, **2010**, 89, 134-40	7.4	8
39	Functional evidence for oxygen-sensitive voltage-gated potassium channels in human placental vasculature. *Placenta*, **2010**, 31, 553-5	3.4	14
38	In vitro assessment of mouse uterine and fetoplacental vascular function. *Reproductive Sciences*, **2009**, 16, 740-8	3	23
37	Acute and chronic modulation of placental chorionic plate artery reactivity by reactive oxygen species. *Free Radical Biology and Medicine*, **2009**, 47, 159-66	7.8	16
36	Oxygen and the liberation of placental factors responsible for vascular compromise. *Laboratory Investigation*, **2008**, 88, 293-305	5.9	26
35	Characterisation of tone oscillations in placental and myometrial arteries from normal pregnancies and those complicated by pre-eclampsia and growth restriction. *Placenta*, **2008**, 29, 356-65	3.4	20
34	Altered potassium channel expression in the human placental vasculature of pregnancies complicated by fetal growth restriction. *Hypertension in Pregnancy*, **2008**, 27, 75-86	2	11
33	Relaxation of human placental arteries and veins by ATP-sensitive potassium channel openers. *European Journal of Clinical Investigation*, **2007**, 37, 65-72	4.6	8
32	Acute hyperglycemia in uterine arteries from pregnant, but not non-pregnant mice, enhances endothelium-dependent relaxation. *Vascular Pharmacology*, **2007**, 46, 137-43	5.9	4
31	Histamine-induced contraction and relaxation of placental chorionic plate arteries. *Placenta*, **2007**, 28, 1158-64	3.4	14
30	BeWo cells stimulate smooth muscle cell apoptosis and elastin breakdown in a model of spiral artery transformation. *Human Reproduction*, **2007**, 22, 2834-41	5.7	30
29	The effect of mode of delivery on placental chorionic plate vascular reactivity. *Hypertension in Pregnancy*, **2007**, 26, 201-10	2	4
28	Modulation of human arterial tone during pregnancy: the effect of the bioactive metabolite sphingosine-1-phosphate. *Biology of Reproduction*, **2007**, 77, 45-52	3.9	16
27	Reactivity of human placental chorionic plate vessels is modified by level of oxygenation: differences between arteries and veins. *Placenta*, **2006**, 27, 42-8	3.4	28

26	Oxygen tension and normalisation pressure modulate nifedipine-sensitive relaxation of human placental chorionic plate arteries. *Placenta*, **2006**, 27, 402-10	3.4	12
25	Glibenclamide inhibits agonist-induced vasoconstriction of placental chorionic plate arteries. *Placenta*, **2006**, 27, 660-8	3.4	13
24	Expression and function of potassium channels in the human placental vasculature. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 291, R437-46	3.2	46
23	Reactivity of human placental chorionic plate vessels from pregnancies complicated by intrauterine growth restriction (IUGR). *Biology of Reproduction*, **2006**, 75, 518-23	3.9	22
22	Invasive trophoblasts stimulate vascular smooth muscle cell apoptosis by a fas ligand-dependent mechanism. *American Journal of Pathology*, **2006**, 169, 1863-74	5.8	120
21	Phosphodiesterase-5 inhibitors and omental and placental small artery function in normal pregnancy and pre-eclampsia. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **2006**, 127, 41-9	2.4	30
20	The effect of maternal characteristics on endothelial-dependent relaxation of myometrial arteries. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **2006**, 124, 158-63	2.4	8
19	An in vitro model of trophoblast invasion of spiral arteries. *Methods in Molecular Medicine*, **2006**, 122, 59-74		7
18	Uterine spiral artery remodeling involves endothelial apoptosis induced by extravillous trophoblasts through Fas/FasL interactions. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 102-8	9.4	143
17	Sildenafil citrate (Viagra) enhances vasodilatation in fetal growth restriction. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2550-5	5.6	124
16	The involvement of Rho-associated kinases in agonist-dependent contractions of human maternal and placental arteries at term gestation. *American Journal of Obstetrics and Gynecology*, **2005**, 193, 815-24	6.4	12
15	Chorionic plate artery function and Doppler indices in normal pregnancy and intrauterine growth restriction. *European Journal of Clinical Investigation*, **2005**, 35, 758-64	4.6	33
14	The effect of vascular origin, oxygen, and tumour necrosis factor alpha on trophoblast invasion of maternal arteries in vitro. *Journal of Pathology*, **2005**, 206, 476-85	9.4	68
13	Umbilical artery Doppler waveform indices from normal pregnant women are related to vasodilatation of placental chorionic plate small arteries. *Journal of Obstetrics and Gynaecology*, **2005**, 25, 248-52	1.3	4
12	Effects of oxygen tension and normalization pressure on endothelin-induced constriction of human placental chorionic plate arteries. *Journal of the Society for Gynecologic Investigation*, **2005**, 12, 488-94		9
11	Vasoconstriction of small arteries isolated from the human placental chorionic plate in normal and compromised pregnancy. *Hypertension in Pregnancy*, **2004**, 23, 237-46	2	12
10	Effects of a phosphodiesterase-5 (PDE5) inhibitor on endothelium-dependent relaxation of myometrial small arteries. *American Journal of Obstetrics and Gynecology*, **2004**, 190, 1283-90	6.4	51
9	Altered dietary iron intake is a strong modulator of renal DMT1 expression. *American Journal of Physiology - Renal Physiology*, **2003**, 285, F1050-9	4.3	39

8	Vasoactive effects of neurokinin B on human blood vessels. *American Journal of Obstetrics and Gynecology*, **2003**, 188, 196-202	6.4	17
7	Vasoactive responses of veins isolated from the human placental chorionic plate. *Placenta*, **2003**, 24, 790-6	3.4	29
6	Iron handling and gene expression of the divalent metal transporter, DMT1, in the kidney of the anemic Belgrade (b) rat. *Kidney International*, **2003**, 64, 1755-64	9.9	29
5	Characterization of small arteries isolated from the human placental chorionic plate. *Placenta*, **2002**, 23, 400-9	3.4	68
4	In vivo characterization of renal iron transport in the anaesthetized rat. *Journal of Physiology*, **2000**, 524 Pt 2, 581-6	3.9	70
3	The role of active transport in potassium reabsorption in the proximal convoluted tubule of the anaesthetized rat. *Journal of Physiology*, **1997**, 500 (Pt 1), 155-64	3.9	21
2	Estimated potassium reflection coefficient in perfused proximal convoluted tubules of the anaesthetized rat in vivo. *Journal of Physiology*, **1995**, 488 (Pt 1), 153-61	3.9	13
1	Effect of formate and oxalate on fluid reabsorption from the proximal convoluted tubule of the anaesthetized rat. *Journal of Physiology*, **1994**, 477, 347-54	3.9	19