

# Sandra T Davidge

## List of Publications by Year in descending order

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252  
papers

10,564  
citations

22099

59  
h-index

46693

89  
g-index

282  
all docs

282  
docs citations

282  
times ranked

10293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Programming of weight and obesity across the lifecourse by the maternal metabolic exposome: A systematic review. <i>Molecular Aspects of Medicine</i> , 2022, 87, 100986.	2.7	11
2	Long-Term Effects of Preeclampsia on Mothers and Offspring. , 2022, , 419-434.		0
3	Vascular Endothelial Cell Dysfunction in Preeclampsia. , 2022, , 187-218.		0
4	Sex-specific effects of prenatal hypoxia on the cardiac endothelin system in adult offspring. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H442-H450.	1.5	4
5	Chicken muscle hydrolysate reduces blood pressure in spontaneously hypertensive rats, upregulates ACE2, and ameliorates vascular inflammation, fibrosis, and oxidative stress. <i>Journal of Food Science</i> , 2022, 87, 1292-1305.	1.5	10
6	p63, a key regulator of Ago2, links to the microRNA-144 cluster. <i>Cell Death and Disease</i> , 2022, 13, 397.	2.7	3
7	Prenatal Hypoxia is Associated with Coronary Artery Endothelial Dysfunction in Male and Female Offspring. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
8	Advanced Maternal Age Impairs Uterine Artery Remodelling in the Pregnant Rat. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
9	The Effect of Tauroursodeoxycholic Acid (TUDCA) Treatment on Pregnancy Outcomes and Uterine Artery Function in a Rat Model of Advanced Maternal Age. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
10	Chicken Muscle-Derived ACE2 Upregulating Peptide VVHPKESF Inhibits Angiotensin II-Stimulated Inflammation in Vascular Smooth Muscle Cells <i>via</i> the ACE2/Ang (1 $\alpha$ 7)/MasR Axis. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6397-6406.	2.4	6
11	The Effect of Tauroursodeoxycholic Acid (TUDCA) Treatment on Pregnancy Outcomes and Vascular Function in a Rat Model of Advanced Maternal Age. <i>Antioxidants</i> , 2022, 11, 1275.	2.2	2
12	Early life risk and resiliency factors and their influences on developmental outcomes and disease pathways: a rapid evidence review of systematic reviews and meta-analyses. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 357-372.	0.7	5
13	Preeclampsia is not associated with elevated muscle sympathetic reactivity. <i>Journal of Applied Physiology</i> , 2021, 130, 139-148.	1.2	6
14	Persistent Aortic Stiffness and Left Ventricular Hypertrophy in Children of Diabetic Mothers. <i>CJC Open</i> , 2021, 3, 345-353.	0.7	9
15	Nanoparticle-encapsulated antioxidant improves placental mitochondrial function in a sexually dimorphic manner in a rat model of prenatal hypoxia. <i>FASEB Journal</i> , 2021, 35, e21338.	0.2	17
16	Protocol for a cluster randomised trial evaluating a multifaceted intervention starting preconceptionally-“Early Interventions to Support Trajectories for Healthy Life in India (EINSTEIN): a Healthy Life Trajectories Initiative (HeLTI) Study. <i>BMJ Open</i> , 2021, 11, e045862.	0.8	12
17	Placental treatment improves cardiac tolerance to ischemia/reperfusion insult in adult male and female offspring exposed to prenatal hypoxia. <i>Pharmacological Research</i> , 2021, 165, 105461.	3.1	10
18	Altered Vascular Adaptations to Pregnancy in a Rat Model of Advanced Maternal Age. <i>Frontiers in Physiology</i> , 2021, 12, 718568.	1.3	4

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19	Optimising Women's Cardiovascular Health After Hypertensive Disorders of Pregnancy: A Translational Approach to Cardiovascular Disease Prevention. <i>Canadian Journal of Cardiology</i> , 2021, 37, 2056-2066.	0.8	10
20	Increased oxidative stress and endothelial activation in umbilical veins from pregnancies diagnosed with preeclampsia. <i>Pregnancy Hypertension</i> , 2021, 26, 87-90.	0.6	1
21	Mining Early Life Risk and Resiliency Factors and Their Influences in Human Populations from PubMed: A Machine Learning Approach to Discover DOHaD Evidence. <i>Journal of Personalized Medicine</i> , 2021, 11, 1064.	1.1	2
22	Physical Activity in Pregnancy Is Associated with Increased Flow-mediated Dilation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 801-809.	0.2	5
23	Placenta-targeted treatment in hypoxic dams improves maturation and growth of fetal cardiomyocytes in vitro via the release of placental factors. <i>Experimental Physiology</i> , 2020, 105, 1507-1514.	0.9	6
24	Intrauterine exposure to chronic hypoxia in the rat leads to progressive diastolic function and increased aortic stiffness from early postnatal developmental stages. <i>Physiological Reports</i> , 2020, 8, e14327.	0.7	5
25	Placenta-targeted treatment strategies: An opportunity to impact fetal development and improve offspring health later in life. <i>Pharmacological Research</i> , 2020, 157, 104836.	3.1	24
26	Role of Lectin-like Oxidized LDL Receptor-1 and Syncytiotrophoblast Extracellular Vesicles in the Vascular Reactivity of Mouse Uterine Arteries During Pregnancy. <i>Scientific Reports</i> , 2020, 10, 6046.	1.6	6
27	Late-pregnancy uterine artery ligation increases susceptibility to postnatal Western diet-induced fat accumulation in adult female offspring. <i>Scientific Reports</i> , 2020, 10, 6926.	1.6	1
28	Developmental programming of cardiovascular function: a translational perspective. <i>Clinical Science</i> , 2020, 134, 3023-3046.	1.8	8
29	High-cholesterol diet during pregnancy induces maternal vascular dysfunction in mice: potential role for oxidized LDL-induced LOX-1 and AT1 receptor activation. <i>Clinical Science</i> , 2020, 134, 2295-2313.	1.8	5
30	Characterisation of the Selective Reduced Uteroplacental Perfusion (sRUPP) Model of Preeclampsia. <i>Scientific Reports</i> , 2019, 9, 9565.	1.6	29
31	Low altitude simulation without hypoxia improves left ventricular function after myocardial infarction by reducing ventricular afterload. <i>PLoS ONE</i> , 2019, 14, e0215814.	1.1	6
32	Sex-Specific Effects of Nanoparticle-Encapsulated MitoQ (nMitoQ) Delivery to the Placenta in a Rat Model of Fetal Hypoxia. <i>Frontiers in Physiology</i> , 2019, 10, 562.	1.3	39
33	Advanced maternal age and the impact on maternal and offspring cardiovascular health. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H387-H394.	1.5	48
34	Blunted sympathetic neurovascular transduction during normotensive pregnancy. <i>Journal of Physiology</i> , 2019, 597, 3687-3696.	1.3	33
35	Sex Differences in Developmental Origins of Cardiovascular Disease. , 2019, , 253-289.		1
36	Egg white hydrolysate enhances insulin sensitivity in high-fat diet-induced insulin-resistant rats via Akt activation. <i>British Journal of Nutrition</i> , 2019, 122, 14-24.	1.2	20

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37	Egg White-Derived Antihypertensive Peptide IRW (Ile-Arg-Trp) Reduces Blood Pressure in Spontaneously Hypertensive Rats via the ACE2/Ang (1-7)/Mas Receptor Axis. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900063.	1.5	60
38	Effect of High Dose Folic Acid Supplementation in Pregnancy on Pre-eclampsia (FACT): Double Blind, Phase III, Randomised Controlled, International, Multicentre Trial. <i>Obstetrical and Gynecological Survey</i> , 2019, 74, 68-70.	0.2	1
39	Advanced maternal age compromises fetal growth and induces sex-specific changes in placental phenotype in rats. <i>Scientific Reports</i> , 2019, 9, 16916.	1.6	29
40	Cardiovascular Health of Offspring of Diabetic Mothers From the Fetal Through Late-Infancy Stages. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 932-934.	2.3	12
41	Maternal Physical Activity Is Associated With Improved Blood Pressure Regulation During Late Pregnancy. <i>Canadian Journal of Cardiology</i> , 2018, 34, 485-491.	0.8	17
42	The role of the tumor necrosis factor (TNF)-related weak inducer of apoptosis (TWEAK) in offspring exposed to prenatal hypoxia. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 661-669.	0.7	4
43	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. <i>Clinical Science</i> , 2018, 132, 273-284.	1.8	24
44	Sex-specific effects of advanced maternal age on cardiovascular function in aged adult rat offspring. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1724-H1734.	1.5	10
45	Egg White-Derived Tripeptide IRW (Ile-Arg-Trp) Is an Activator of Angiotensin Converting Enzyme 2. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11330-11336.	2.4	35
46	Alterations in vascular function by syncytiotrophoblast extracellular vesicles via lectin-like oxidized low-density lipoprotein receptor-1 in mouse uterine arteries. <i>Clinical Science</i> , 2018, 132, 2369-2381.	1.8	10
47	Activity of muscle sympathetic neurons during normotensive pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R153-R160.	0.9	16
48	Effect of high dose folic acid supplementation in pregnancy on pre-eclampsia (FACT): double blind, phase III, randomised controlled, international, multicentre trial. <i>BMJ: British Medical Journal</i> , 2018, 362, k3478.	2.4	69
49	Milk-Derived Tripeptides IPP (Ile-Pro-Pro) and VPP (Val-Pro-Pro) Enhance Insulin Sensitivity and Prevent Insulin Resistance in 3T3-F442A Preadipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10179-10187.	2.4	24
50	Reduction in Regulatory T Cells in Early Pregnancy Causes Uterine Artery Dysfunction in Mice. <i>Hypertension</i> , 2018, 72, 177-187.	1.3	88
51	Maternal treatment with a placental-targeted antioxidant (MitoQ) impacts offspring cardiovascular function in a rat model of prenatal hypoxia. <i>Pharmacological Research</i> , 2018, 134, 332-342.	3.1	46
52	Increased susceptibility to cardiovascular disease in offspring born from dams of advanced maternal age. <i>Journal of Physiology</i> , 2018, 596, 5807-5821.	1.3	20
53	Milk-derived tripeptides IPP (Ile-Pro-Pro) and VPP (Val-Pro-Pro) differentially modulate angiotensin II effects on vascular smooth muscle cells. <i>Journal of Functional Foods</i> , 2017, 30, 151-158.	1.6	31
54	Pre-gravid predictors of new onset hypertension in pregnancy - Results from a pre-conception cohort study in China. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 214, 140-144.	0.5	3

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55	Increased heterogeneity of airway calibre in adult rats after hypoxia-induced intrauterine growth restriction. <i>Respirology</i> , 2017, 22, 1329-1335.	1.3	14
56	Postnatal resveratrol supplementation improves cardiovascular function in male and female intrauterine growth restricted offspring. <i>Physiological Reports</i> , 2017, 5, e13109.	0.7	20
57	Loss of smooth muscle cell disintegrin and metalloproteinase 17 transiently suppresses angiotensin II-induced hypertension and end-organ damage. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 103, 11-21.	0.9	32
58	Treating the placenta to prevent adverse effects of gestational hypoxia on fetal brain development. <i>Scientific Reports</i> , 2017, 7, 9079.	1.6	76
59	Cardiovascular susceptibility to <i>in vivo</i> ischemic myocardial injury in male and female rat offspring exposed to prenatal hypoxia. <i>Clinical Science</i> , 2017, 131, 2303-2317.	1.8	17
60	Muscle sympathetic nerve activity and volume-regulating factors in healthy pregnant and nonpregnant women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H782-H787.	1.5	19
61	Prenatal hypoxia and placental oxidative stress: linkages to developmental origins of cardiovascular disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R395-R399.	0.9	50
62	Mechanisms of Uterine Artery Dysfunction in Pregnancy Complications. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 343-359.	0.8	19
63	Advanced Maternal Age Worsens Postpartum Vascular Function. <i>Frontiers in Physiology</i> , 2017, 8, 465.	1.3	14
64	The Effects of Myo-Inositol and B and D Vitamin Supplementation in the db/+ Mouse Model of Gestational Diabetes Mellitus. <i>Nutrients</i> , 2017, 9, 141.	1.7	23
65	Syncytiotrophoblast extracellular vesicles impair rat uterine vascular function via the lectin-like oxidized LDL receptor-1. <i>PLoS ONE</i> , 2017, 12, e0180364.	1.1	11
66	Egg white hydrolysate shows insulin mimetic and sensitizing effects in 3T3-F442A pre-adipocytes. <i>PLoS ONE</i> , 2017, 12, e0185653.	1.1	32
67	Maternal vascular responses to hypoxia in a rat model of intrauterine growth restriction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1068-R1075.	0.9	23
68	Egg white protein hydrolysate reduces blood pressure, improves vascular relaxation and modifies aortic angiotensin II receptors expression in spontaneously hypertensive rats. <i>Journal of Functional Foods</i> , 2016, 27, 667-673.	1.6	56
69	Modulatory Effects of Egg White Ovotransferrin-Derived Tripeptide IRW (Ile-Arg-Trp) on Vascular Smooth Muscle Cells against Angiotensin II Stimulation. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7342-7347.	2.4	47
70	Mechanism of vascular dysfunction due to circulating factors in women with pre-eclampsia. <i>Clinical Science</i> , 2016, 130, 539-549.	1.8	25
71	Effect of resveratrol on metabolic and cardiovascular function in male and female adult offspring exposed to prenatal hypoxia and a high-fat diet. <i>Journal of Physiology</i> , 2016, 594, 1465-1482.	1.3	46
72	In Utero Origins of Hypertension: Mechanisms and Targets for Therapy. <i>Physiological Reviews</i> , 2016, 96, 549-603.	13.1	78

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73	Perinatal Resveratrol Supplementation to Spontaneously Hypertensive Rat Dams Mitigates the Development of Hypertension in Adult Offspring. <i>Hypertension</i> , 2016, 67, 1038-1044.	1.3	53
74	Antioxidant Peptides Identified from Ovotransferrin by the ORAC Method Did Not Show Anti-Inflammatory and Antioxidant Activities in Endothelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 113-119.	2.4	44
75	Analysis of G-Protein Coupled Receptor 30 (GPR30) on Endothelial Inflammation. <i>Methods in Molecular Biology</i> , 2016, 1366, 503-516.	0.4	10
76	Serum Folate Shows an Inverse Association with Blood Pressure in a Cohort of Chinese Women of Childbearing Age: A Cross-Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0155801.	1.1	12
77	Postpartum Vascular Dysfunction in the Reduced Uteroplacental Perfusion Model of Preeclampsia. <i>PLoS ONE</i> , 2016, 11, e0162487.	1.1	28
78	Egg ovotransferrin-derived ACE inhibitory peptide IRW increases ACE2 but decreases proinflammatory genes expression in mesenteric artery of spontaneously hypertensive rats. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1735-1744.	1.5	65
79	Sildenafil Therapy Normalizes the Aberrant Metabolomic Profile in the Comt <sup>+/+</sup> Mouse Model of Preeclampsia/Fetal Growth Restriction. <i>Scientific Reports</i> , 2015, 5, 18241.	1.6	26
80	Aerobic exercise training reduces cardiac function in adult male offspring exposed to prenatal hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R489-R498.	0.9	12
81	Reduced uterine perfusion pressure decreases functional capillary density in skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2002-H2007.	1.5	8
82	Vascular effects of aerobic exercise training in rat adult offspring exposed to hypoxia-induced intrauterine growth restriction. <i>Journal of Physiology</i> , 2015, 593, 1913-1929.	1.3	17
83	The Vascular Effects of Sodium Tanshinone IIA Sulphonate in Rodent and Human Pregnancy. <i>PLoS ONE</i> , 2015, 10, e0121897.	1.1	19
84	Effect of Advanced Maternal Age on Pregnancy Outcomes and Vascular Function in the Rat. <i>Hypertension</i> , 2015, 65, 1324-1330.	1.3	46
85	Molecular mechanisms of maternal vascular dysfunction in preeclampsia. <i>Trends in Molecular Medicine</i> , 2015, 21, 88-97.	3.5	156
86	The Maternal Environment Programs Postnatal Weight Gain and Glucose Tolerance of Male Offspring, but Placental and Fetal Growth Are Determined by Fetal Genotype in the <i>Lepr<sup>db</sup>/+</i> Model of Gestational Diabetes. <i>Endocrinology</i> , 2015, 156, 360-366.	1.4	15
87	Egg-derived ACE-inhibitory peptides IQW and LKP reduce blood pressure in spontaneously hypertensive rats. <i>Journal of Functional Foods</i> , 2015, 13, 50-60.	1.6	83
88	Effect of sodium tanshinone IIA sulfonate treatment in a rat model of preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R163-R172.	0.9	11
89	Endothelial Cell Dysfunction. , 2015, , 181-207.		6
90	The Reduced Uterine Perfusion Pressure (RUPP) Model of Preeclampsia Causes Decreased Capillary Perfusion in Skeletal Muscle. <i>FASEB Journal</i> , 2015, 29, LB551.	0.2	0

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91	Postpartum Endothelial Dysfunction in the Reduced Uteroplacental Perfusion Pressure (RUPP) Model. <i>FASEB Journal</i> , 2015, 29, 803.2.	0.2	0
92	Enhanced Trimethylation of Histone H3 Mediates Impaired Expression of Hepatic Glucose 6-Phosphatase Expression in Offspring From Rat Dams Exposed to Hypoxia During Pregnancy. <i>Reproductive Sciences</i> , 2014, 21, 112-121.	1.1	18
93	Vascular Dysfunction in Preeclampsia. <i>Microcirculation</i> , 2014, 21, 4-14.	1.0	126
94	Maternal exposure to the production of fireworks and reduced rate of new onset hypertension in pregnancy. <i>Hypertension in Pregnancy</i> , 2014, 33, 457-466.	0.5	1
95	Effect of Prenatal Hypoxia in Transgenic Mouse Models of Preeclampsia and Fetal Growth Restriction. <i>Reproductive Sciences</i> , 2014, 21, 492-502.	1.1	44
96	Mechanisms of Estrogen Effects on the Endothelium: An Overview. <i>Canadian Journal of Cardiology</i> , 2014, 30, 705-712.	0.8	112
97	Angiotensin-Converting Enzyme 2 Is a Critical Determinant of Angiotensin II-Induced Loss of Vascular Smooth Muscle Cells and Adverse Vascular Remodeling. <i>Hypertension</i> , 2014, 64, 157-164.	1.3	81
98	Coiled-coil domain containing 3 (CCDC3) represses tumor necrosis factor- $\alpha$ /nuclear factor $\kappa$ B-induced endothelial inflammation. <i>Cellular Signalling</i> , 2014, 26, 2793-2800.	1.7	26
99	Beneficial Effects of Simulated Gastro-Intestinal Digests of Fried Egg and Its Fractions on Blood Pressure, Plasma Lipids and Oxidative Stress in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2014, 9, e115006.	1.1	33
100	Fibrocyte-Like Cells from Intrauterine Growth Restriction Placentas Have a Reduced Ability to Stimulate Angiogenesis. <i>American Journal of Pathology</i> , 2013, 183, 1025-1033.	1.9	4
101	Uterine Vasculature Remodeling in Human Pregnancy Involves Functional Macrochimerism by Endothelial Colony Forming Cells of Fetal Origin. <i>Stem Cells</i> , 2013, 31, 1363-1370.	1.4	25
102	Structure and Activity Study of Egg Protein Ovotransferrin Derived Peptides (IRW and IQW) on Endothelial Inflammatory Response and Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2120-2129.	2.4	139
103	Inhibition of Lectin-Like Oxidized Low-Density Lipoprotein-1 Receptor Protects Against Plasma-Mediated Vascular Dysfunction Associated With Pre-Eclampsia. <i>American Journal of Hypertension</i> , 2013, 26, 279-286.	1.0	24
104	Prenatal Hypoxia Causes Long-Term Alterations in Vascular Endothelin-1 Function in Aged Male, but Not Female, Offspring. <i>Hypertension</i> , 2013, 62, 753-758.	1.3	64
105	Estradiol Modulates Tumor Necrosis Factor-Induced Endothelial Inflammation: Role of Tumor Necrosis Factor Receptor 2. <i>Journal of Vascular Research</i> , 2013, 50, 21-34.	0.6	11
106	Bioactive Natural Constituents from Food Sources—Potential Use in Hypertension Prevention and Treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 615-630.	5.4	127
107	Resveratrol prevents hypertension and cardiac hypertrophy in hypertensive rats and mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1723-1733.	1.8	167
108	TIMP3 is the primary TIMP to regulate agonist-induced vascular remodelling and hypertension. <i>Cardiovascular Research</i> , 2013, 98, 360-371.	1.8	58

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109	Endothelial Colony-Forming Cells Derived From Pregnancies Complicated by Intrauterine Growth Restriction Are Fewer and Have Reduced Vasculogenic Capacity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4953-4960.	1.8	29
110	Developmental programming of cardiovascular disease by prenatal hypoxia. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 328-337.	0.7	147
111	Matrix Metalloproteinase Enhances Big-Endothelin-1 Constriction in Mesenteric Vessels of Pregnant Rats With Reduced Uterine Blood Flow. <i>Hypertension</i> , 2013, 61, 488-493.	1.3	52
112	Propofol Increases Vascular Relaxation in Aging Rats Chronically Treated with the Angiotensin-Converting Enzyme Inhibitor Captopril. <i>Anesthesia and Analgesia</i> , 2013, 116, 775-783.	1.1	13
113	Arterial Endothelium-derived Hyperpolarization. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 197-203.	0.8	21
114	Effects of Resveratrol in Pregnancy Using Murine Models with Reduced Blood Supply to the Uterus. <i>PLoS ONE</i> , 2013, 8, e64401.	1.1	68
115	Pleiotropic Actions of Forskolin Result in Phosphatidylserine Exposure in Primary Trophoblasts. <i>PLoS ONE</i> , 2013, 8, e81273.	1.1	16
116	Egg-Derived Tri-Peptide IRW Exerts Antihypertensive Effects in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2013, 8, e82829.	1.1	123
117	Prenatal Hypoxia Is Associated with Long-Term Retinal Dysfunction in Rats. <i>PLoS ONE</i> , 2013, 8, e61861.	1.1	7
118	Small arteries of gestational rats are less sensitive to relaxation induced by inhibition of rho-associated kinase (ROK). <i>FASEB Journal</i> , 2013, 27, 923.13.	0.2	0
119	Prenatal hypoxia causes long-term retina dysfunction in rats. <i>FASEB Journal</i> , 2013, 27, 1178.4.	0.2	0
120	Angiogenic imbalance and plasma lipid alterations in women with preeclampsia from a developing country. <i>Growth Factors</i> , 2012, 30, 158-166.	0.5	14
121	Sildenafil Citrate Rescues Fetal Growth in the Catechol-O-Methyl Transferase Knockout Mouse Model. <i>Hypertension</i> , 2012, 59, 1021-1028.	1.3	111
122	Altered Neuronal Nitric Oxide Synthase in the Aging Vascular System: Implications for Estrogens Therapy. <i>Endocrinology</i> , 2012, 153, 3940-3948.	1.4	8
123	Effect of the Anti-Oxidant Tempol on Fetal Growth in a Mouse Model of Fetal Growth Restriction1. <i>Biology of Reproduction</i> , 2012, 87, 25, 1-8.	1.2	45
124	Synergistic effects of prenatal hypoxia and postnatal high-fat diet in the development of cardiovascular pathology in young rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R418-R426.	0.9	38
125	Lectin-Like Oxidized Low-Density Lipoprotein 1 Receptor in a Reduced Uteroplacental Perfusion Pressure Rat Model of Preeclampsia. <i>Hypertension</i> , 2012, 59, 1014-1020.	1.3	32
126	Administration of the PARP Inhibitor Pj34 Ameliorates the Impaired Vascular Function Associated With Enos <sup>-/-</sup> Mice. <i>Reproductive Sciences</i> , 2012, 19, 806-813.	1.1	7



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127	Neuronal nitric oxide synthase regulates endothelial inflammation. <i>Journal of Leukocyte Biology</i> , 2012, 91, 947-956.	1.5	43
128	Proteasome Inhibition Decreases Inflammation in Human Endothelial Cells Exposed to Lipopolysaccharide. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 60, 381-389.	0.8	3
129	Effects of hypoxia-induced intrauterine growth restriction on cardiac siderosis and oxidative stress. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 350-357.	0.7	23
130	The effect of hypoxia-induced intrauterine growth restriction on renal artery function. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 333-341.	0.7	9
131	Influence of Constriction, Wall Tension, Smooth Muscle Activation and Cellular Deformation on Rat Resistance Artery Vasodilator Reactivity. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 883-892.	1.1	12
132	Estradiol attenuates high glucose-induced endothelial nitrotyrosine: role for neuronal nitric oxide synthase. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C666-C675.	2.1	6
133	Potential role of GPCRs as signal transducers in early programming of metabolic syndrome. <i>Drug Discovery Today: Disease Models</i> , 2012, 9, e79-e84.	1.2	0
134	G-Protein Coupled Receptor 30 (GPR30): A Novel Regulator of Endothelial Inflammation. <i>PLoS ONE</i> , 2012, 7, e52357.	1.1	91
135	Vascular Aging and Hemodynamic Stability in the Intraoperative Period. <i>Frontiers in Physiology</i> , 2012, 3, 74.	1.3	16
136	Role of endothelin-1 in the hyper-responsiveness to nitrovasodilators following acute NOS inhibition. <i>British Journal of Pharmacology</i> , 2012, 165, 1992-1999.	2.7	11
137	The characterization of fibrocyte-like cells: A novel fibroblastic cell of the placenta. <i>Placenta</i> , 2012, 33, 143-150.	0.7	8
138	Maternal resveratrol treatment during pregnancy improves adverse fetal outcomes in a rat model of severe hypoxia. <i>Placenta</i> , 2012, 33, 449-452.	0.7	64
139	Mechanisms of Endothelial Dysfunction in Resistance Arteries from Patients with End-Stage Renal Disease. <i>PLoS ONE</i> , 2012, 7, e36056.	1.1	33
140	ACE2 Deficiency Enhances Angiotensin II-Mediated Aortic Profilin-1 Expression, Inflammation and Peroxynitrite Production. <i>PLoS ONE</i> , 2012, 7, e38502.	1.1	73
141	Fetal Endothelial Colony Forming Cells from pregnancies complicated by intrauterine growth restriction have reduced vasculogenic capacity. <i>FASEB Journal</i> , 2012, 26, 683.1.	0.2	0
142	G-protein Coupled Receptor 30 (GPR30) in the Human Endothelium: New Roles for a Novel Estrogen Receptor. <i>FASEB Journal</i> , 2012, 26, 1129.4.	0.2	0
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