

## List of Publications by Citations

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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.

246 papers	6,153 citations	43 h-index	63 g-index
259 ext. papers	7,049 ext. citations	5 avg, IF	6.25 L-index

#	Paper	IF	Citations
246	Possible mechanisms underlying pregnancy-induced changes in uterine artery endothelial function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 284, R245-58	3.2	147
245	Gender differences in cardioprotection against ischemia/reperfusion injury in adult rat hearts: focus on Akt and protein kinase C signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 315, 1125-35	4.7	136
244	Chronic prenatal hypoxia induces epigenetic programming of PKC{epsilon} gene repression in rat hearts. <i>Circulation Research</i> , <b>2010</b> , 107, 365-73	15.7	134
243	Effect of fetal hypoxia on heart susceptibility to ischemia and reperfusion injury in the adult rat. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2003</b> , 10, 265-74		133
242	Effect of maternal chronic hypoxic exposure during gestation on apoptosis in fetal rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 285, H983-90	5.2	131
241	Brain-immune interactions in perinatal hypoxic-ischemic brain injury. <i>Progress in Neurobiology</i> , <b>2017</b> , 159, 50-68	10.9	110
240	Prenatal gender-related nicotine exposure increases blood pressure response to angiotensin II in adult offspring. <i>Hypertension</i> , <b>2008</b> , 51, 1239-47	8.5	102
239	Role of the hypothalamic-pituitary-adrenal axis in developmental programming of health and disease. <i>Frontiers in Neuroendocrinology</i> , <b>2013</b> , 34, 27-46	8.9	100
238	Prenatal hypoxia causes a sex-dependent increase in heart susceptibility to ischemia and reperfusion injury in adult male offspring: role of protein kinase C epsilon. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2009</b> , 330, 624-32	4.7	98
237	Prenatal hypoxia and cardiac programming. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2005</b> , 12, 2-13		98
236	Fetal stress and programming of hypoxic/ischemic-sensitive phenotype in the neonatal brain: mechanisms and possible interventions. <i>Progress in Neurobiology</i> , <b>2012</b> , 98, 145-65	10.9	92
235	Inhibition of microRNA-210 provides neuroprotection in hypoxic-ischemic brain injury in neonatal rats. <i>Neurobiology of Disease</i> , <b>2016</b> , 89, 202-12	7.5	85
234	Inhibition of DNA methylation reverses norepinephrine-induced cardiac hypertrophy in rats. <i>Cardiovascular Research</i> , <b>2014</b> , 101, 373-82	9.9	80
233	Angiotensin II receptors and drug discovery in cardiovascular disease. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 22-34	8.8	80
232	Review article: steroid hormones and uterine vascular adaptation to pregnancy. <i>Reproductive Sciences</i> , <b>2008</b> , 15, 336-48	3	78
231	Function and regulation of large conductance Ca(2+)-activated K <sup>+</sup> channel in vascular smooth muscle cells. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 974-87	8.8	76
230	Epigenetic mechanisms in developmental programming of adult disease. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 1007-18	8.8	76

229	Prenatal nicotine exposure increases heart susceptibility to ischemia/reperfusion injury in adult offspring. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 324, 331-41	4.7	73
228	Gestational Hypoxia and Developmental Plasticity. <i>Physiological Reviews</i> , <b>2018</b> , 98, 1241-1334	47.9	70
227	Hypoxia-derived oxidative stress mediates epigenetic repression of PKC $\beta$ gene in foetal rat hearts. <i>Cardiovascular Research</i> , <b>2012</b> , 93, 302-10	9.9	70
226	Effect of Fetal Hypoxia on Heart Susceptibility to Ischemia and Reperfusion Injury in the Adult Rat. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2003</b> , 10, 265-274		69
225	Effect of prenatal hypoxia on heat stress-mediated cardioprotection in adult rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 286, H1712-9	5.2	69
224	Binucleation of cardiomyocytes: the transition from a proliferative to a terminally differentiated state. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 602-9	8.8	68
223	Pregnancy upregulates large-conductance Ca(2+)-activated K(+) channel activity and attenuates myogenic tone in uterine arteries. <i>Hypertension</i> , <b>2011</b> , 58, 1132-9	8.5	66
222	Neural stem cell therapies and hypoxic-ischemic brain injury. <i>Progress in Neurobiology</i> , <b>2019</b> , 173, 1-17	10.9	64
221	Epigenetic mechanisms in heart development and disease. <i>Drug Discovery Today</i> , <b>2015</b> , 20, 799-811	8.8	64
220	Gestational hypoxia induces preeclampsia-like symptoms via heightened endothelin-1 signaling in pregnant rats. <i>Hypertension</i> , <b>2013</b> , 62, 599-607	8.5	64
219	Inhibition of microRNA-210 suppresses pro-inflammatory response and reduces acute brain injury of ischemic stroke in mice. <i>Experimental Neurology</i> , <b>2018</b> , 300, 41-50	5.7	62
218	Fetal and neonatal nicotine exposure differentially regulates vascular contractility in adult male and female offspring. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 320, 654-61	4.7	60
217	Foetal hypoxia increases cardiac AT(2)R expression and subsequent vulnerability to adult ischaemic injury. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 300-8	9.9	58
216	Norepinephrine causes epigenetic repression of PKC $\beta$ gene in rodent hearts by activating Nox1-dependent reactive oxygen species production. <i>FASEB Journal</i> , <b>2012</b> , 26, 2753-63	0.9	57
215	Antenatal nicotine induces heightened oxidative stress and vascular dysfunction in rat offspring. <i>British Journal of Pharmacology</i> , <b>2011</b> , 164, 1400-9	8.6	57
214	Perinatal nicotine exposure increases vulnerability of hypoxic-ischemic brain injury in neonatal rats: role of angiotensin II receptors. <i>Stroke</i> , <b>2012</b> , 43, 2483-90	6.7	54
213	Angiotensin-converting enzymes and drug discovery in cardiovascular diseases. <i>Drug Discovery Today</i> , <b>2010</b> , 15, 332-41	8.8	54
212	Chronic hypoxia during gestation causes epigenetic repression of the estrogen receptor- $\beta$ gene in ovine uterine arteries via heightened promoter methylation. <i>Hypertension</i> , <b>2012</b> , 60, 697-704	8.5	53

211	Fetal hypoxia increases vulnerability of hypoxic-ischemic brain injury in neonatal rats: role of glucocorticoid receptors. <i>Neurobiology of Disease</i> , <b>2014</b> , 65, 172-9	7.5	51
210	Foetal nicotine exposure causes PKC $\epsilon$ gene repression by promoter methylation in rat hearts. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 89-97	9.9	51
209	Maternal hypoxia alters matrix metalloproteinase expression patterns and causes cardiac remodeling in fetal and neonatal rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 301, H2113-21	5.2	47
208	Maternal cocaine administration causes an epigenetic modification of protein kinase Cepsilon gene expression in fetal rat heart. <i>Molecular Pharmacology</i> , <b>2007</b> , 71, 1319-28	4.3	47
207	Upregulation of eNOS in pregnant ovine uterine arteries by chronic hypoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H812-20	5.2	46
206	Pregnancy attenuates uterine artery pressure-dependent vascular tone: role of PKC/ERK pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 290, H2337-43	5.2	45
205	MicroRNA-210 Suppresses Junction Proteins and Disrupts Blood-Brain Barrier Integrity in Neonatal Rat Hypoxic-Ischemic Brain Injury. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	44
204	Direct effect of cocaine on epigenetic regulation of PKCepsilon gene repression in the fetal rat heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 504-11	5.8	44
203	ERK MAP kinases regulate smooth muscle contraction in ovine uterine artery: effect of pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 282, H292-300	5.2	43
202	Mechanisms and therapeutic potential of microRNAs in hypertension. <i>Drug Discovery Today</i> , <b>2015</b> , 20, 1188-204	8.8	41
201	Chronic hypoxia suppresses pregnancy-induced upregulation of large-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel activity in uterine arteries. <i>Hypertension</i> , <b>2012</b> , 60, 214-22	8.5	41
200	MiRNA-210 induces microglial activation and regulates microglia-mediated neuroinflammation in neonatal hypoxic-ischemic encephalopathy. <i>Cellular and Molecular Immunology</i> , <b>2020</b> , 17, 976-991	15.4	41
199	Differential expression of microRNAs in ischemic heart disease. <i>Drug Discovery Today</i> , <b>2015</b> , 20, 223-35	8.8	38
198	Cocaine and apoptosis in myocardial cells. <i>The Anatomical Record</i> , <b>1999</b> , 257, 208-16		38
197	Direct effects of nicotine on contractility of the uterine artery in pregnancy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 322, 180-5	4.7	37
196	Fetal programming of cardiac function and disease. <i>Reproductive Sciences</i> , <b>2007</b> , 14, 209-16	3	36
195	Cocaine induces apoptosis in fetal rat myocardial cells through the p38 mitogen-activated protein kinase and mitochondrial/cytochrome c pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 312, 112-9	4.7	36
194	Chronic hypoxia inhibits sex steroid hormone-mediated attenuation of ovine uterine arterial myogenic tone in pregnancy. <i>Hypertension</i> , <b>2010</b> , 56, 750-7	8.5	34

193	Prenatal cocaine exposure increases heart susceptibility to ischaemia-reperfusion injury in adult male but not female rats. <i>Journal of Physiology</i> , <b>2005</b> , 565, 149-58	3.9	34
192	Endothelial nitric oxide release in isolated perfused ovine uterine arteries: effect of pregnancy. <i>European Journal of Pharmacology</i> , <b>1999</b> , 367, 223-30	5.3	34
191	Epigenetic programming of hypoxic-ischemic encephalopathy in response to fetal hypoxia. <i>Progress in Neurobiology</i> , <b>2015</b> , 124, 28-48	10.9	33
190	Fetal exposure to cocaine causes programming of Prkce gene repression in the left ventricle of adult rat offspring. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 440-8	3.9	33
189	Direct chronic effect of steroid hormones in attenuating uterine arterial myogenic tone: role of protein kinase c/extracellular signal-regulated kinase 1/2. <i>Hypertension</i> , <b>2009</b> , 54, 352-8	8.5	33
188	Pregnancy-specific enhancement of agonist-stimulated ERK-1/2 signaling in uterine artery endothelial cells increases Ca(2+) sensitivity of endothelial nitric oxide synthase as well as cytosolic phospholipase A(2). <i>Endocrinology</i> , <b>2001</b> , 142, 3014-26	4.8	33
187	Cerebral artery sarcoplasmic reticulum Ca(2+) stores and contractility: changes with development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R860-73	3.2	33
186	Regulation of Ca2+ sensitization by PKC and rho proteins in ovine cerebral arteries: effects of artery size and age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 275, H930-9	5.2	33
185	Perinatal nicotine exposure increases angiotensin II receptor-mediated vascular contractility in adult offspring. <i>PLoS ONE</i> , <b>2014</b> , 9, e108161	3.7	33
184	Dexamethasone Treatment of Newborn Rats Decreases Cardiomyocyte Endowment in the Developing Heart through Epigenetic Modifications. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125033	3.7	33
183	Upregulation of Bax and Bcl-2 following prenatal cocaine exposure induces apoptosis in fetal rat brain. <i>International Journal of Medical Sciences</i> , <b>2008</b> , 5, 295-302	3.7	32
182	Prenatal cocaine exposure increases apoptosis of neonatal rat heart and heart susceptibility to ischemia-reperfusion injury in 1-month-old rat. <i>British Journal of Pharmacology</i> , <b>2005</b> , 144, 900-7	8.6	31
181	Promoter methylation represses AT2R gene and increases brain hypoxic-ischemic injury in neonatal rats. <i>Neurobiology of Disease</i> , <b>2013</b> , 60, 32-8	7.5	30
180	Epigenetic upregulation of large-conductance Ca2+-activated K+ channel expression in uterine vascular adaptation to pregnancy. <i>Hypertension</i> , <b>2014</b> , 64, 610-8	8.5	30
179	Maturation alters the contractile role of calcium in ovine basilar arteries. <i>Pediatric Research</i> , <b>1998</b> , 44, 154-60	3.2	30
178	Glucocorticoids Protect Neonatal Rat Brain in Model of Hypoxic-Ischemic Encephalopathy (HIE). <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 18,	6.3	29
177	Hypoxia inhibits cardiomyocyte proliferation in fetal rat hearts via upregulating TIMP-4. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 304, R613-20	3.2	29
176	Estrogen normalizes perinatal nicotine-induced hypertensive responses in adult female rat offspring. <i>Hypertension</i> , <b>2013</b> , 61, 1246-54	8.5	29

175	Development of fetal brain renin-angiotensin system and hypertension programmed in fetal origins. <i>Progress in Neurobiology</i> , <b>2009</b> , 87, 252-63	10.9	29
174	Pregnancy enhances endothelium-dependent relaxation of ovine uterine artery: role of NO and intracellular Ca(2+). <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 281, H183-90	5.2	29
173	Maternal cocaine administration during pregnancy induces apoptosis in fetal rat heart. <i>Journal of Cardiovascular Pharmacology</i> , <b>2001</b> , 37, 639-48	3.1	29
172	Chronic hypoxia increases pressure-dependent myogenic tone of the uterine artery in pregnant sheep: role of ERK/PKC pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 296, H1840-9	5.2	28
171	Prenatal cocaine exposure differentially causes vascular dysfunction in adult offspring. <i>Hypertension</i> , <b>2009</b> , 53, 937-43	8.5	28
170	The effect of fetal and neonatal nicotine exposure on renal development of AT(1) and AT(2) receptors. <i>Reproductive Toxicology</i> , <b>2009</b> , 27, 149-54	3.4	27
169	Alpha1-adrenoceptor-mediated phosphorylation of MYPT-1 and CPI-17 in the uterine artery: role of ERK/PKC. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H2828-35	5.2	27
168	Dexamethasone protects neonatal hypoxic-ischemic brain injury via L-PGDS-dependent PGD2-DP1-pERK signaling pathway. <i>PLoS ONE</i> , <b>2014</b> , 9, e114470	3.7	27
167	Mitochondrial MiRNA in Cardiovascular Function and Disease. <i>Cells</i> , <b>2019</b> , 8,	7.9	27
166	Antenatal hypoxia induces epigenetic repression of glucocorticoid receptor and promotes ischemic-sensitive phenotype in the developing heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 91, 160-71	5.8	26
165	Endothelin-1 promotes cardiomyocyte terminal differentiation in the developing heart via heightened DNA methylation. <i>International Journal of Medical Sciences</i> , <b>2014</b> , 11, 373-80	3.7	26
164	Prenatal cocaine exposure abolished ischemic preconditioning-induced protection in adult male rat hearts: role of PKCepsilon. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 296, H1566-76	5.2	26
163	Inhibition of miRNA-210 reverses nicotine-induced brain hypoxic-ischemic injury in neonatal rats. <i>International Journal of Biological Sciences</i> , <b>2017</b> , 13, 76-84	11.2	25
162	Antenatal Antioxidant Prevents Nicotine-Mediated Hypertensive Response in Rat Adult Offspring. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 66	3.9	25
161	Glucocorticoid modulates angiotensin II receptor expression patterns and protects the heart from ischemia and reperfusion injury. <i>PLoS ONE</i> , <b>2014</b> , 9, e106827	3.7	25
160	Chronic hypoxia inhibits pregnancy-induced upregulation of SKCa channel expression and function in uterine arteries. <i>Hypertension</i> , <b>2013</b> , 62, 367-74	8.5	25
159	Fetal hypoxia results in programming of aberrant angiotensin ii receptor expression patterns and kidney development. <i>International Journal of Medical Sciences</i> , <b>2013</b> , 10, 532-8	3.7	25
158	Effect of long-term high-altitude hypoxia on fetal pulmonary vascular contractility. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1786-92	3.7	25



157	Pregnancy Reprograms Large-Conductance Ca-Activated K Channel in Uterine Arteries: Roles of Ten-Eleven Translocation Methylcytosine Dioxygenase 1-Mediated Active Demethylation. <i>Hypertension</i> , <b>2017</b> , 69, 1181-1191	8.5	24
156	Dexamethasone Induces Cardiomyocyte Terminal Differentiation via Epigenetic Repression of Cyclin D2 Gene. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 358, 190-8	4.7	24
155	Prenatal exposure to hypoxia induced Beclin 1 signaling-mediated renal autophagy and altered renal development in rat fetuses. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 156-64	3	24
154	Chronic hypoxia during gestation enhances uterine arterial myogenic tone via heightened oxidative stress. <i>PLoS ONE</i> , <b>2013</b> , 8, e73731	3.7	24
153	Short- and long-term adverse effects of cocaine abuse during pregnancy on the heart development. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2009</b> , 3, 7-16	3.4	24
152	Effects of chronic hypoxia on maternal vasodilation and vascular reactivity in guinea pig and ovine pregnancy. <i>High Altitude Medicine and Biology</i> , <b>2003</b> , 4, 157-69	1.9	24
151	Epigenetic Down-Regulation of Sirt 1 via DNA Methylation and Oxidative Stress Signaling Contributes to the Gestational Diabetes Mellitus-Induced Fetal Programming of Heart Ischemia-Sensitive Phenotype in Late Life. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 1240-1251	11.2	23
150	Estrogen Regulates Angiotensin II Receptor Expression Patterns and Protects the Heart from Ischemic Injury in Female Rats. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 6	3.9	23
149	ERK-mediated uterine artery contraction: role of thick and thin filament regulatory pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 286, H1615-22	5.2	23
148	Fetal and adult cerebral artery K(ATP) and K(Ca) channel responses to long-term hypoxia. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1692-701	3.7	23
147	Cerebral artery K(ATP)- and K(Ca)-channel activity and contractility: changes with development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R2004-14	3.2	23
146	Effects of chronic hypoxia on Ca <sup>2+</sup> mobilization and Ca <sup>2+</sup> sensitivity of myofilaments in uterine arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 274, H132-8	5.2	23
145	MicroRNA-210 Targets Ten-Eleven Translocation Methylcytosine Dioxygenase 1 and Suppresses Pregnancy-Mediated Adaptation of Large Conductance Ca-Activated K Channel Expression and Function in Ovine Uterine Arteries. <i>Hypertension</i> , <b>2017</b> ,	8.5	22
144	Gestational hypoxia increases reactive oxygen species and inhibits steroid hormone-mediated upregulation of Ca(2+)-activated K(+) channel function in uterine arteries. <i>Hypertension</i> , <b>2014</b> , 64, 415-22	8.5	21
143	Promoter methylation of Egr-1 site contributes to fetal hypoxia-mediated PKC $\delta$ gene repression in the developing heart. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 304, R683-9	3.2	21
142	Long-term high-altitude hypoxia increases plasma nitrate levels in pregnant ewes and their fetuses. <i>American Journal of Obstetrics and Gynecology</i> , <b>1998</b> , 179, 1594-8	6.4	21
141	Protective Effect of Antenatal Antioxidant on Nicotine-Induced Heart Ischemia-Sensitive Phenotype in Rat Offspring. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150557	3.7	21
140	Hypoxia Represses ER $\beta$ Expression and Inhibits Estrogen-Induced Regulation of Ca <sup>2+</sup> -Activated K <sup>+</sup> Channel Activity and Myogenic Tone in Ovine Uterine Arteries: Causal Role of DNA Methylation. <i>Hypertension</i> , <b>2015</b> , 66, 44-51	8.5	20

139	Extracellular signal-regulated kinases and contractile responses in ovine adult and fetal cerebral arteries. <i>Journal of Physiology</i> , <b>2003</b> , 551, 691-703	3.9	20
138	Cocaine induces apoptosis in human coronary artery endothelial cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>2000</b> , 35, 572-80	3.1	20
137	Prenatal high sucrose intake affected learning and memory of aged rat offspring with abnormal oxidative stress and NMDARs/Wnt signaling in the hippocampus. <i>Brain Research</i> , <b>2017</b> , 1669, 114-121	3.7	19
136	MicroRNAs in Uteroplacental Vascular Dysfunction. <i>Cells</i> , <b>2019</b> , 8,	7.9	19
135	Newborn hypoxia/anoxia inhibits cardiomyocyte proliferation and decreases cardiomyocyte endowment in the developing heart: role of endothelin-1. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116600	3.7	19
134	Gestational hypoxia up-regulates protein kinase C and inhibits calcium-activated potassium channels in ovine uterine arteries. <i>International Journal of Medical Sciences</i> , <b>2014</b> , 11, 886-92	3.7	19
133	alpha(1)-Adrenergic receptor subtype function in fetal and adult cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H1797-806	5.2	19
132	MicroRNA-210 suppresses glucocorticoid receptor expression in response to hypoxia in fetal rat cardiomyocytes. <i>Oncotarget</i> , <b>2017</b> , 8, 80249-80264	3.3	19
131	Developmental nicotine exposure results in programming of alveolar simplification and interstitial pulmonary fibrosis in adult male rats. <i>Reproductive Toxicology</i> , <b>2012</b> , 34, 370-7	3.4	18
130	PKC-induced ERK1/2 interactions and downstream effectors in ovine cerebral arteries. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R164-71	3.2	18
129	Dual role of PKC in modulating pharmacomechanical coupling in fetal and adult cerebral arteries. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1419-29	3.2	18
128	Prenatal water deprivation alters brain angiotensin system and dipsogenic changes in the offspring. <i>Brain Research</i> , <b>2011</b> , 1382, 128-36	3.7	17
127	Suppression of myometrial contractile responses to oxytocin after different durations of chronic hypoxia in the near-term pregnant rat. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 639-44	6.4	17
126	Calcium homeostasis and contraction of the uterine artery: effect of pregnancy and chronic hypoxia. <i>Biology of Reproduction</i> , <b>2004</b> , 70, 1171-7	3.9	17
125	Chronic Hypoxia and Developmental Regulation of Cytochrome C Expression in Rats. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2000</b> , 7, 279-283		17
124	Role of DNA methylation in perinatal nicotine-induced development of heart ischemia-sensitive phenotype in rat offspring. <i>Oncotarget</i> , <b>2017</b> , 8, 76865-76880	3.3	17
123	Role of endothelin in uteroplacental circulation and fetal vascular function. <i>Current Vascular Pharmacology</i> , <b>2013</b> , 11, 594-605	3.3	17
122	Potassium channels and uterine vascular adaptation to pregnancy and chronic hypoxia. <i>Current Vascular Pharmacology</i> , <b>2013</b> , 11, 737-47	3.3	17



121	Long-term high altitude hypoxia during gestation suppresses large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel function in uterine arteries: a causal role for microRNA-210. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5891-5906	3.9	16
120	Chronic hypoxia upregulates DNA methyltransferase and represses large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel function in ovine uterine arteries. <i>Biology of Reproduction</i> , <b>2017</b> , 96, 424-434	3.9	16
119	Effect of cortisol on norepinephrine-mediated contractions in ovine uterine arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H1142-51	5.2	16
118	Cortisol-mediated potentiation of uterine artery contractility: effect of pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 283, H238-46	5.2	16
117	Adaptation of uterine artery thick- and thin-filament regulatory pathways to pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H142-8	5.2	16
116	Clinical value of non-coding RNAs in cardiovascular, pulmonary, and muscle diseases. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 318, C1-C28	5.4	16
115	MicroRNA-210 Downregulates ISCU and Induces Mitochondrial Dysfunction and Neuronal Death in Neonatal Hypoxic-Ischemic Brain Injury. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5608-5625	6.2	16
114	Pregnancy Increases Ca Sparks/Spontaneous Transient Outward Currents and Reduces Uterine Arterial Myogenic Tone. <i>Hypertension</i> , <b>2019</b> , 73, 691-702	8.5	15
113	Fetal hypoxia and programming of matrix metalloproteinases. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 124-34	8.8	15
112	Endothelial glucocorticoid receptor promoter methylation according to dexamethasone sensitivity. <i>Journal of Molecular Endocrinology</i> , <b>2015</b> , 55, 133-46	4.5	15
111	Pregnancy downregulates actin polymerization and pressure-dependent myogenic tone in ovine uterine arteries. <i>Hypertension</i> , <b>2010</b> , 56, 1009-15	8.5	15
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