Lubo Zhang

List of Publications by Year
in descending order

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258	7,837	53660	85405
papers	citations	45 h-index	71 g-index

259	259	259	6773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondrial Dysfunction in the Pathogenesis of Preeclampsia. Current Hypertension Reports, 2022, 24, 157-172.	1.5	12
2	MicroRNA-210 Controls Mitochondrial Metabolism and Protects Heart Function in Myocardial Infarction. Circulation, 2022, 145, 1140-1153.	1.6	41
3	Multiâ€Omics Integration and the Development of Gestational High Altitude Induced Pulmonary Arterial Hypertension. FASEB Journal, 2022, 36, .	0.2	0
4	The Regulatory Role of H19/miR-181a/ATG5 Signaling in Perinatal Nicotine Exposure-Induced Development of Neonatal Brain Hypoxic-Ischemic Sensitive Phenotype. International Journal of Molecular Sciences, 2022, 23, 6885.	1.8	4
5	Ryanodine receptor subtypes regulate Ca2+ sparks/spontaneous transient outward currents and myogenic tone of uterine arteries in pregnancy. Cardiovascular Research, 2021, 117, 792-804.	1.8	9
6	Hypoxia and Mitochondrial Dysfunction in Pregnancy Complications. Antioxidants, 2021, 10, 405.	2.2	33
7	MicroRNA-210 Mediates Hypoxia-Induced Repression of Spontaneous Transient Outward Currents in Sheep Uterine Arteries During Gestation. Hypertension, 2021, 77, 1412-1427.	1.3	8
8	Preliminary Studies Towards the Examination of Hypoxiaâ€related Transcriptional Regulation of Ryanodine Receptor Activity in Pulmonary Arteries of Fetal and Newborn Sheep. FASEB Journal, 2021, 35, .	0.2	0
9	TRPML Activation with MLSA1 Increases Ca 2+ Oscillations in Fetal Pulmonary Arterial Myocytes. FASEB Journal, 2021, 35, .	0.2	0
10	Gestational long-term hypoxia induces metabolomic reprogramming and phenotypic transformations in fetal sheep pulmonary arteries. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L770-L784.	1.3	7
11	Hypoxia and the integrated stress response promote pulmonary hypertension and preeclampsia: Implications in drug development. Drug Discovery Today, 2021, 26, 2754-2773.	3.2	15
12	C-Type Natriuretic Peptide Ameliorates Vascular Injury and Improves Neurological Outcomes in Neonatal Hypoxic-Ischemic Brain Injury in Mice. International Journal of Molecular Sciences, 2021, 22, 8966.	1.8	3
13	Uteroplacental Circulation in Normal Pregnancy and Preeclampsia: Functional Adaptation and Maladaptation. International Journal of Molecular Sciences, 2021, 22, 8622.	1.8	16
14	Intrauterine Hypoxia and Epigenetic Programming in Lung Development and Disease. Biomedicines, 2021, 9, 944.	1.4	9
15	Fetal e-cigarette exposure programs a neonatal brain hypoxic-ischemic sensitive phenotype via altering DNA methylation patterns and autophagy signaling pathway. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R791-R801.	0.9	6
16	Inhibition of DNA methylation in newborns reprograms ischemia-sensitive biomarkers resulting in development of a heart ischemia-sensitive phenotype late in life. Reproductive Toxicology, 2021, 105, 198-210.	1.3	1
17	MicroRNA-210 downregulates TET2 and contributes to inflammatory response in neonatal hypoxic-ischemic brain injury. Journal of Neuroinflammation, 2021, 18, 6.	3.1	16
18	Long-Term Hypoxia Negatively Influences Ca2+ Signaling in Basilar Arterial Myocytes of Fetal and Adult Sheep. Frontiers in Physiology, 2021, 12, 760176.	1.3	1

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19	MiRNA-210 induces microglial activation and regulates microglia-mediated neuroinflammation in neonatal hypoxic-ischemic encephalopathy. Cellular and Molecular Immunology, 2020, 17, 976-991.	4.8	95
20	Clinical value of non-coding RNAs in cardiovascular, pulmonary, and muscle diseases. American Journal of Physiology - Cell Physiology, 2020, 318, C1-C28.	2.1	26
21	Reprogramming of miR-181a/DNA methylation patterns contribute to the maternal nicotine exposure-induced fetal programming of cardiac ischemia-sensitive phenotype in postnatal life. Theranostics, 2020, 10, 11820-11836.	4.6	15
22	Cardiac ECM: Its Epigenetic Regulation and Role in Heart Development and Repair. International Journal of Molecular Sciences, 2020, 21, 8610.	1.8	24
23	Gestational Hypoxia Inhibits Pregnancy-Induced Upregulation of Ca ²⁺ Sparks and Spontaneous Transient Outward Currents in Uterine Arteries Via Heightened Endoplasmic Reticulum/Oxidative Stress. Hypertension, 2020, 76, 930-942.	1.3	13
24	Early Detection of Coronary Artery Disease by Micro-RNA Analysis in Asymptomatic Patients Stratified by Coronary CT Angiography. Diagnostics, 2020, 10, 875.	1.3	10
25	Antenatal Hypoxia Accelerates the Onset of Alzheimerâ€™s Disease Pathology in 5xFAD Mouse Model. Frontiers in Aging Neuroscience, 2020, 12, 251.	1.7	12
26	Prenatal Highâ€Salt Dietâ€“Induced Metabolic Disorders via Decreasing Peroxisome Proliferatorâ€“Activated Receptor Gamma Coactivator 1Î± in Adult Male Rat Offspring. Molecular Nutrition and Food Research, 2020, 64, e2000196.	1.5	5
27	Inhibition of Autophagy Signaling via 3-methyladenine Rescued Nicotine-Mediated Cardiac Pathological Effects and Heart Dysfunctions. International Journal of Biological Sciences, 2020, 16, 1349-1362.	2.6	12
28	Fetal Hypoxia Impacts on Proliferation and Differentiation of Sca-1+ Cardiac Progenitor Cells and Maturation of Cardiomyocytes: A Role of MicroRNA-210. Genes, 2020, 11, 328.	1.0	10
29	Gestational Highâ€Altitude Hypoxia and Metabolomic Reprogramming in Pulmonary Arteries from Fetal Sheep. FASEB Journal, 2020, 34, 1-1.	0.2	0
30	Prenatal chronic intermittent nicotine aerosol exposure programming a sex dependent hypertensive phenotype via vascular eNOS uncoupling. FASEB Journal, 2020, 34, 1-1.	0.2	0
31	TRPML channel activation partially rescues Ca²⁺ spark activity in sheep fetal pulmonary arterial myocytes following intrauterine longâ€term hypoxia. FASEB Journal, 2020, 34, 1-1.	0.2	0
32	High Altitude Hypoxia Induces Cellular Immaturity of Pulmonary Arteries in the Fetal Lamb: Assessment of Protein Biomarkers. FASEB Journal, 2020, 34, 1-1.	0.2	0
33	Neural stem cell therapies and hypoxic-ischemic brain injury. Progress in Neurobiology, 2019, 173, 1-17.	2.8	129
34	microRNAs and cardiac stem cells in heart development and disease. Drug Discovery Today, 2019, 24, 233-240.	3.2	13
35	Long-term exposure to high altitude hypoxia during pregnancy increases fetal heart susceptibility to ischemia/reperfusion injury and cardiac dysfunction. International Journal of Cardiology, 2019, 274, 7-15.	0.8	20
36	Repression of the Glucocorticoid Receptor Increases Hypoxic-Ischemic Brain Injury in the Male Neonatal Rat. International Journal of Molecular Sciences, 2019, 20, 3493.	1.8	8

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37	Prenatal hypoxia-induced epigenomic and transcriptomic reprogramming in rat fetal and adult offspring hearts. Scientific Data, 2019, 6, 238.	2.4	22
38	MicroRNAs in Uteroplacental Vascular Dysfunction. Cells, 2019, 8, 1344.	1.8	24
39	Gestational Hypoxia and Programing of Lung Metabolism. Frontiers in Physiology, 2019, 10, 1453.	1.3	7
40	Long-Term High-Altitude Hypoxia and Alpha Adrenoceptor-Dependent Pulmonary Arterial Contractions in Fetal and Adult Sheep. Frontiers in Physiology, 2019, 10, 1032.	1.3	8
41	Perinatal nicotine exposure alters Akt/GSK-3Î²/mTOR/autophagy signaling, leading to development of hypoxic-ischemic-sensitive phenotype in rat neonatal brain. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R803-R813.	0.9	9
42	Epigenetic down-regulation of BKCa channel by miR-181a contributes to the fetal and neonatal nicotine-mediated exaggerated coronary vascular tone in adult life. International Journal of Cardiology, 2019, 281, 82-89.	0.8	14
43	Pregnancy Increases Ca ²⁺ Sparks/Spontaneous Transient Outward Currents and Reduces Uterine Arterial Myogenic Tone. Hypertension, 2019, 73, 691-702.	1.3	21
44	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. International Journal of Biological Sciences, 2019, 15, 1240-1251.	2.6	39
45	Antenatal Hypoxia and Programming of Glucocorticoid Receptor Expression in the Adult Rat Heart. Frontiers in Physiology, 2019, 10, 323.	1.3	17
46	Effect of Oxidative Stress on the Estrogen-NOS-NO-K_{Ca} Channel Pathway in Uteroplacental Dysfunction: Its Implication in Pregnancy Complications. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-19.	1.9	19
47	MicroRNAs in brain development and cerebrovascular pathophysiology. American Journal of Physiology - Cell Physiology, 2019, 317, C3-C19.	2.1	36
48	Mitochondrial MiRNA in Cardiovascular Function and Disease. Cells, 2019, 8, 1475.	1.8	45
49	Multi-Omics Integration Reveals Short and Long-Term Effects of Gestational Hypoxia on the Heart Development. Cells, 2019, 8, 1608.	1.8	11
50	Foetal hypoxia impacts methylome and transcriptome in developmental programming of heart disease. Cardiovascular Research, 2019, 115, 1306-1319.	1.8	18
51	MicroRNA-210 Downregulates ISCU and Induces Mitochondrial Dysfunction and Neuronal Death in Neonatal Hypoxic-Ischemic Brain Injury. Molecular Neurobiology, 2019, 56, 5608-5625.	1.9	24
52	Glucocorticoids and programming of the microenvironment in heart. Journal of Endocrinology, 2019, 242, T121-T133.	1.2	12
53	Nutritional Stress and Fetal Epigenetics in the Brain. , 2019, , 899-921.		1
54	Long Term Hypoxia Negatively Influences Ca 2+ Signaling in Basilar Arterial Myocytes of Fetal and Adult Sheep. FASEB Journal, 2019, 33, 551.7.	0.2	0

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55	Long Term Hypoxia Reduces Levels of Oxylipins in Pulmonary Arteries and Venous Plasma of Fetal Sheep. FASEB Journal, 2019, 33, 550.5.	0.2	0
56	Long Term Hypoxia Reduces Antioxidant Levels and Causes a Glycolytic Shift in Neonatal Sheep Pulmonary arteries. FASEB Journal, 2019, 33, 550.6.	0.2	0
57	C-type natriuretic peptide functions as an innate neuroprotectant in neonatal hypoxic-ischemic brain injury in mouse via natriuretic peptide receptor 2. Experimental Neurology, 2018, 304, 58-66.	2.0	15
58	Long-term high-altitude hypoxia influences pulmonary arterial L-type calcium channel-mediated Ca²⁺ signals and contraction in fetal and adult sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R433-R446.	0.9	8
59	Inhibition of microRNA-210 suppresses pro-inflammatory response and reduces acute brain injury of ischemic stroke in mice. Experimental Neurology, 2018, 300, 41-50.	2.0	94
60	Corticosteroids and perinatal hypoxic-ischemic brain injury. Drug Discovery Today, 2018, 23, 1718-1732.	3.2	16
61	Long-term hypoxia uncouples Ca²⁺and eNOS in bradykinin-mediated pulmonary arterial relaxation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R870-R882.	0.9	8
62	A novel rodent model of pregnancy complications associated with genetically determined angiotensin-converting enzyme (ACE) activity. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E52-E62.	1.8	6
63	Gestational Hypoxia and Developmental Plasticity. Physiological Reviews, 2018, 98, 1241-1334.	13.1	123
64	Repression of the Glucocorticoid Receptor Aggravates Acute Ischemic Brain Injuries in Adult Mice. International Journal of Molecular Sciences, 2018, 19, 2428.	1.8	16
65	Longâ€term high altitude hypoxia during gestation suppresses large conductance Ca²⁺â€activated K⁺ channel function in uterine arteries: a causal role for microRNAâ€210. Journal of Physiology, 2018, 596, 5891-5906.	1.3	23
66	High Altitude Hypoxia Impacts Omegaâ€3 Fatty Acid Metabolites in Plasma of Fetal and Newborn Sheep. FASEB Journal, 2018, 32, 858.5.	0.2	1
67	SIRT1 increases cardiomyocyte binucleation in the heart development. Oncotarget, 2018, 9, 7996-8010.	0.8	14
68	SIRT1 plays a novel role in the regulation of cardiomyocyte terminal differentiation in the developing heart. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-2-6.	0.0	0
69	Acute Hypoxia Alters Ryanodine Receptor Activity in Pulmonary Arterial Myocytes of High Altitude Acclimatized Fetal and Adult Sheep. FASEB Journal, 2018, 32, 892.5.	0.2	0
70	Cyclic Nucleotides Reduce Ryanodine Receptor Mediated Ca 2+ Spark Activation Independent of Long Term Hypoxia in Ovine Fetal Pulmonary Arterial Myocytes. FASEB Journal, 2018, 32, .	0.2	0
71	Ryanodine Receptor 1 mRNA Expression is Increased by Postâ€Natal Maturation and Long Term Hypoxia in Sheep Pulmonary Arteries. FASEB Journal, 2018, 32, 892.9.	0.2	0
72	Pregnancy Enhances Calcium Spark Activity Independent of Altitude in Ovine Uterine Arterial Myocytes. FASEB Journal, 2018, 32, 858.10.	0.2	0

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73	Beta Adrenergic Induced Pulmonary Arterial Vasodilation Following Long Term Hypoxia in Fetal and Adult Sheep. FASEB Journal, 2018, 32, 892.18.	0.2	0
74	Long Term Hypoxia Reduces Ca 2+ Oscillations in Basilar Arterial Myocytes of Fetal and Adult Sheep. FASEB Journal, 2018, 32, 858.9.	0.2	0
75	Inhibition of DNA Methylation in the Developing Rat Brain Disrupts Sexually Dimorphic Neurobehavioral Phenotypes in Adulthood. Molecular Neurobiology, 2017, 54, 3988-3999.	1.9	21
76	Pregnancy Reprograms Large-Conductance Ca ²⁺ -Activated K ⁺ Channel in Uterine Arteries. Hypertension, 2017, 69, 1181-1191.	1.3	31
77	Angiogenesis during pregnancy: all routes lead to MAPKs. Journal of Physiology, 2017, 595, 4571-4572.	1.3	6
78	Prenatal high sucrose intake affected learning and memory of aged rat offspring with abnormal oxidative stress and NMDARs/Wnt signaling in the hippocampus. Brain Research, 2017, 1669, 114-121.	1.1	24
79	Brain-immune interactions in perinatal hypoxic-ischemic brain injury. Progress in Neurobiology, 2017, 159, 50-68.	2.8	168
80	MicroRNA-210 Targets Ten-Eleven Translocation Methylcytosine Dioxygenase 1 and Suppresses Pregnancy-Mediated Adaptation of Large Conductance Ca ²⁺ -Activated K ⁺ Channel Expression and Function in Ovine Uterine Arteries. Hypertension, 2017, 70, 601-612.	1.3	34
81	Chronic hypoxia upregulates DNA methyltransferase and represses large conductance Ca2+-activated K+ channel function in ovine uterine arteriesâ€. Biology of Reproduction, 2017, 96, 424-434.	1.2	25
82	Chronic Hypobaric Hypoxia Modulates Primary Cilia Differently in Adult and Fetal Ovine Kidneys. Frontiers in Physiology, 2017, 8, 677.	1.3	6
83	MicroRNA-210 Suppresses Junction Proteins and Disrupts Blood-Brain Barrier Integrity in Neonatal Rat Hypoxic-Ischemic Brain Injury. International Journal of Molecular Sciences, 2017, 18, 1356.	1.8	60
84	Glucocorticoids Protect Neonatal Rat Brain in Model of Hypoxic-Ischemic Encephalopathy (HIE). International Journal of Molecular Sciences, 2017, 18, 17.	1.8	36
85	Inhibition of miRNA-210 reverses nicotine-induced brain hypoxic-ischemic injury in neonatal rats. International Journal of Biological Sciences, 2017, 13, 76-84.	2.6	29
86	Neonatal Lipopolysaccharide Exposure Gender-Dependently Increases Heart Susceptibility to Ischemia/Reperfusion Injury in Male Rats. International Journal of Medical Sciences, 2017, 14, 1163-1172.	1.1	8
87	MiR210 in neonatal hypoxic-ischemic encephalopathy. Oncotarget, 2017, 8, 38078-38079.	0.8	4
88	A novel mechanism of angiotensin II-regulated placental vascular tone in the development of hypertension in preeclampsia. Oncotarget, 2017, 8, 30734-30741.	0.8	19
89	MicroRNA-210 suppresses glucocorticoid receptor expression in response to hypoxia in fetal rat cardiomyocytes. Oncotarget, 2017, 8, 80249-80264.	0.8	23
90	Role of DNA methylation in perinatal nicotine-induced development of heart ischemia-sensitive phenotype in rat offspring. Oncotarget, 2017, 8, 76865-76880.	0.8	19

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91	Computational Modeling Approach in Probing the Effects of Cytosine Methylation on the Transcription Factor Binding to DNA. Current Topics in Medicinal Chemistry, 2017, 17, 1778-1787.	1.0	3
92	Proteomic Analysis of Endothelin-1 Targets in the Regulation of Cardiomyocyte Proliferation. Current Topics in Medicinal Chemistry, 2017, 17, 1788-1802.	1.0	4
93	Nutritional Stress and Fetal Epigenetics in the Brain. , 2017, , 1-23.		0
94	Direct effect of chronic hypoxia in suppressing large conductance Ca²⁺â€activated K⁺ channel activity in ovine uterine arteries via increasing oxidative stress. Journal of Physiology, 2016, 594, 343-356.	1.3	20
95	Roles of ion channels in regulation of acetylcholine-mediated vasoconstrictions in umbilical cords of rabbit/rats. Reproductive Toxicology, 2016, 65, 95-103.	1.3	6
96	Antenatal hypoxia induces epigenetic repression of glucocorticoid receptor and promotes ischemic-sensitive phenotype in the developing heart. Journal of Molecular and Cellular Cardiology, 2016, 91, 160-171.	0.9	32
97	Dexamethasone Induces Cardiomyocyte Terminal Differentiation via Epigenetic Repression of Cyclin D2 Gene. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 190-198.	1.3	29
98	Inhibition of microRNA-210 provides neuroprotection in hypoxicâ€“ischemic brain injury in neonatal rats. Neurobiology of Disease, 2016, 89, 202-212.	2.1	104
99	Fetal stress-mediated hypomethylation increases the brain susceptibility to hypoxicâ€“ischemic injury in neonatal rats. Experimental Neurology, 2016, 275, 1-10.	2.0	13
100	Protective Effect of Antenatal Antioxidant on Nicotine-Induced Heart Ischemia-Sensitive Phenotype in Rat Offspring. PLoS ONE, 2016, 11, e0150557.	1.1	24
101	Antenatal Antioxidant Prevents Nicotine-Mediated Hypertensive Response in Rat Adult Offspring1. Biology of Reproduction, 2015, 93, 66.	1.2	35
102	Newborn Hypoxia/Anoxia Inhibits Cardiomyocyte Proliferation and Decreases Cardiomyocyte Endowment in the Developing Heart: Role of Endothelin-1. PLoS ONE, 2015, 10, e0116600.	1.1	27
103	Chronic Losartan Treatment Up-Regulates AT1R and Increases the Heart Vulnerability to Acute Onset of Ischemia and Reperfusion Injury in Male Rats. PLoS ONE, 2015, 10, e0132712.	1.1	14
104	Hypoxia Represses ER-Î± Expression and Inhibits Estrogen-Induced Regulation of Ca ²⁺ -Activated K ⁺ Channel Activity and Myogenic Tone in Ovine Uterine Arteries. Hypertension, 2015, 66, 44-51.	1.3	22
105	Mechanisms and therapeutic potential of microRNAs in hypertension. Drug Discovery Today, 2015, 20, 1188-1204.	3.2	49
106	Endothelial glucocorticoid receptor promoter methylation according to dexamethasone sensitivity. Journal of Molecular Endocrinology, 2015, 55, 133-146.	1.1	19
107	Prenatal Exposure to Hypoxia Induced Beclin 1 Signaling-Mediated Renal Autophagy and Altered Renal Development in Rat Fetuses. Reproductive Sciences, 2015, 22, 156-164.	1.1	31
108	Epigenetic mechanisms in heart development and disease. Drug Discovery Today, 2015, 20, 799-811.	3.2	82

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109	Estrogen Regulates Angiotensin II Receptor Expression Patterns and Protects the Heart from Ischemic Injury in Female Rats1. Biology of Reproduction, 2015, 93, 6.	1.2	31
110	Differential expression of microRNAs in ischemic heart disease. Drug Discovery Today, 2015, 20, 223-235.	3.2	46
111	Epigenetic programming of hypoxicâ€“ischemic encephalopathy in response to fetal hypoxia. Progress in Neurobiology, 2015, 124, 28-48.	2.8	47
112	Dexamethasone Treatment of Newborn Rats Decreases Cardiomyocyte Endowment in the Developing Heart through Epigenetic Modifications. PLoS ONE, 2015, 10, e0125033.	1.1	43
113	Antenatal Hypoxia Induces Programming of Reduced Arterial Blood Pressure Response in Female Rat Offspring: Role of Ovarian Function. PLoS ONE, 2014, 9, e98743.	1.1	13
114	Glucocorticoid Modulates Angiotensin II Receptor Expression Patterns and Protects the Heart from Ischemia and Reperfusion Injury. PLoS ONE, 2014, 9, e106827.	1.1	31
115	Gestational Hypoxia Up-regulates Protein Kinase C and Inhibits Calcium-Activated Potassium Channels in Ovine Uterine Arteries. International Journal of Medical Sciences, 2014, 11, 886-892.	1.1	26
116	Endothelin-1 Promotes Cardiomyocyte Terminal Differentiation in the Developing Heart via Heightened DNA Methylation. International Journal of Medical Sciences, 2014, 11, 373-380.	1.1	33
117	Epigenetic Upregulation of Large-Conductance Ca 2+ -Activated K + Channel Expression in Uterine Vascular Adaptation to Pregnancy. Hypertension, 2014, 64, 610-618.	1.3	34
118	Gestational hypoxia and epigenetic programming of brain development disorders. Drug Discovery Today, 2014, 19, 1883-1896.	3.2	23
119	Binucleation of cardiomyocytes: the transition from a proliferative to a terminally differentiated state. Drug Discovery Today, 2014, 19, 602-609.	3.2	90
120	Fetal hypoxia increases vulnerability of hypoxicâ€“ischemic brain injury in neonatal rats: Role of glucocorticoid receptors. Neurobiology of Disease, 2014, 65, 172-179.	2.1	65
121	Inhibition of DNA methylation reverses norepinephrine-induced cardiac hypertrophy in rats. Cardiovascular Research, 2014, 101, 373-382.	1.8	102
122	Gestational Hypoxia Increases Reactive Oxygen Species and Inhibits Steroid Hormoneâ€“Mediated Upregulation of Ca ²⁺ -Activated K ⁺ Channel Function in Uterine Arteries. Hypertension, 2014, 64, 415-422.	1.3	24
123	Perinatal Nicotine Exposure Increases Angiotensin II Receptor-Mediated Vascular Contractility in Adult Offspring. PLoS ONE, 2014, 9, e108161.	1.1	38
124	Dexamethasone Protects Neonatal Hypoxic-Ischemic Brain Injury via L-PGDS-Dependent PGD2-DP1-pERK Signaling Pathway. PLoS ONE, 2014, 9, e114470.	1.1	33
125	Promoter methylation represses AT2R gene and increases brain hypoxicâ€“ischemic injury in neonatal rats. Neurobiology of Disease, 2013, 60, 32-38.	2.1	38
126	Role of the hypothalamicâ€“pituitaryâ€“adrenal axis in developmental programming of health and disease. Frontiers in Neuroendocrinology, 2013, 34, 27-46.	2.5	131

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127	Chronic Hypoxia Inhibits Pregnancy-Induced Upregulation of SK _{Ca} Channel Expression and Function in Uterine Arteries. Hypertension, 2013, 62, 367-374.	1.3	30
128	Promoter methylation of Egr-1 site contributes to fetal hypoxia-mediated PKCÎµ gene repression in the developing heart. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R683-R689.	0.9	23
129	Hypoxia inhibits cardiomyocyte proliferation in fetal rat hearts via upregulating TIMP-4. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R613-R620.	0.9	32
130	Estrogen Normalizes Perinatal Nicotineâ€“Induced Hypertensive Responses in Adult Female Rat Offspring. Hypertension, 2013, 61, 1246-1254.	1.3	35
131	Gestational Hypoxia Induces Preeclampsia-Like Symptoms via Heightened Endothelin-1 Signaling in Pregnant Rats. Hypertension, 2013, 62, 599-607.	1.3	85
132	Fetal Hypoxia Results in Programming of Aberrant Angiotensin II Receptor Expression Patterns and Kidney Development. International Journal of Medical Sciences, 2013, 10, 532-538.	1.1	29
133	Chronic Hypoxia during Gestation Enhances Uterine Arterial Myogenic Tone via Heightened Oxidative Stress. PLoS ONE, 2013, 8, e73731.	1.1	35
134	Editorial (Thematic Issue: Uteroplacental Circulation and Fetal Vascular Development and Function). Current Vascular Pharmacology, 2013, 11, 543-543.	0.8	1
135	Role of Endothelin in Uteroplacental Circulation and Fetal Vascular Function. Current Vascular Pharmacology, 2013, 11, 594-605.	0.8	25
136	Potassium Channels and Uterine Vascular Adaptation to Pregnancy and Chronic Hypoxia. Current Vascular Pharmacology, 2013, 11, 737-747.	0.8	19
137	Chronic Hypoxia Differentially Up-Regulates Protein Kinase C-Mediated Ovine Uterine Arterial Contraction via Actin Polymerization Signaling in Pregnancy1. Biology of Reproduction, 2012, 87, 142.	1.2	11
138	Chronic Hypoxia Suppresses Pregnancy-Induced Upregulation of Large-Conductance Ca ²⁺ -Activated K ⁺ Channel Activity in Uterine Arteries. Hypertension, 2012, 60, 214-222.	1.3	46
139	Chronic Hypoxia During Gestation Causes Epigenetic Repression of the Estrogen Receptor-Î± Gene in Ovine Uterine Arteries via Heightened Promoter Methylation. Hypertension, 2012, 60, 697-704.	1.3	55
140	Perinatal Nicotine Exposure Increases Vulnerability of Hypoxicâ€“Ischemic Brain Injury in Neonatal Rats. Stroke, 2012, 43, 2483-2490.	1.0	66
141	Norepinephrine causes epigenetic repression of PKCÎµ gene in rodent hearts by activating Nox1â€dependent reactive oxygen species production. FASEB Journal, 2012, 26, 2753-2763.	0.2	63
142	Function and regulation of large conductance Ca2+-activated K+ channel in vascular smooth muscle cells. Drug Discovery Today, 2012, 17, 974-987.	3.2	91
143	Developmental nicotine exposure results in programming of alveolar simplification and interstitial pulmonary fibrosis in adult male rats. Reproductive Toxicology, 2012, 34, 370-377.	1.3	23
144	Hypoxia-derived oxidative stress mediates epigenetic repression of PKCÉ› gene in foetal rat hearts. Cardiovascular Research, 2012, 93, 302-310.	1.8	77

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145	Fetal stress and programming of hypoxic/ischemic-sensitive phenotype in the neonatal brain: Mechanisms and possible interventions. Progress in Neurobiology, 2012, 98, 145-165.	2.8	103
146	Fetal hypoxia and programming of matrix metalloproteinases. Drug Discovery Today, 2012, 17, 124-134.	3.2	19
147	Antenatal nicotine exposure results in programming of aberrant alveolar development and interstitial pulmonary fibrosis in adult male rats. FASEB Journal, 2012, 26, 698.10.	0.2	0
148	Egr1 plays a key role in fetal programming of genderâ€dependent PKCÎµ gene expression patterns in the developing heart. FASEB Journal, 2012, 26, 699.4.	0.2	0
149	Direct Inhibitory Effect of Hypoxia on Cardiomyocyte Proliferation in Fetal Rat Hearts. FASEB Journal, 2012, 26, 699.5.	0.2	0
150	Effect of chronic hypoxia on pregnancyâ€mediated transcriptional regulation of ERÎ± in ovine uterine arteries. FASEB Journal, 2012, 26, 535.5.	0.2	0
151	Altered dipsogenic responses and expression of angiotensin receptors in the offspring exposed to prenatal high sucrose. Peptides, 2011, 32, 104-111.	1.2	11
152	Pregnancy Upregulates Large-Conductance Ca ²⁺ -Activated K ⁺ Channel Activity and Attenuates Myogenic Tone in Uterine Arteries. Hypertension, 2011, 58, 1132-1139.	1.3	77
153	Antenatal nicotine induces heightened oxidative stress and vascular dysfunction in rat offspring. British Journal of Pharmacology, 2011, 164, 1400-1409.	2.7	70
154	Angiotensin II receptors and drug discovery in cardiovascular disease. Drug Discovery Today, 2011, 16, 22-34.	3.2	109
155	Epigenetic mechanisms in developmental programming of adult disease. Drug Discovery Today, 2011, 16, 1007-1018.	3.2	90
156	Prenatal water deprivation alters brain angiotensin system and dipsogenic changes in the offspring. Brain Research, 2011, 1382, 128-136.	1.1	17
157	Foetal nicotine exposure causes PKCÎµ gene repression by promoter methylation in rat hearts. Cardiovascular Research, 2011, 89, 89-97.	1.8	54
158	Foetal hypoxia increases cardiac AT2R expression and subsequent vulnerability to adult ischaemic injury. Cardiovascular Research, 2011, 89, 300-308.	1.8	65
159	Maternal hypoxia alters matrix metalloproteinase expression patterns and causes cardiac remodeling in fetal and neonatal rats. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2113-H2121.	1.5	55
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