

CITATION REPORT

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Hypertension produced by reductions in uterine perfusion in the pregnant rat: role of tumor necrosis factor- α

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#	Paper	IF	Citations
181	An emerging role for inflammatory cytokines in hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H923-4	5.2	64
180	Endothelin, the kidney, and hypertension. <i>Current Hypertension Reports</i> , 2006 , 8, 298-303	4.7	34
179	Enhanced endothelin synthesis by endothelial cells exposed to sera from pregnant rats with decreased uterine perfusion. <i>Hypertension</i> , 2006 , 47, 615-8	8.5	73
178	Hypertension produced by reductions in uterine perfusion in the pregnant rat: role of interleukin 6. <i>Hypertension</i> , 2006 , 48, 711-6	8.5	116
177	Neurovascular mechanisms of hypertension in pregnancy. 2006 , 3, 131-48		27
176	Angiotensin receptors, autoimmunity, and preeclampsia. 2007 , 179, 3391-5		46
175	Systemic hemodynamic and regional blood flow changes in response to chronic reductions in uterine perfusion pressure in pregnant rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2080-4	5.2	60
174	Difference in neutrophil superoxide generation during pregnancy between preeclampsia and essential hypertension. <i>Hypertension</i> , 2007 , 49, 1436-41	8.5	22
173	Potential roles of angiotensin receptor-activating autoantibody in the pathophysiology of preeclampsia. <i>Hypertension</i> , 2007 , 50, 269-75	8.5	71
172	Hypertension produced by reduced uterine perfusion in pregnant rats is associated with increased soluble fms-like tyrosine kinase-1 expression. <i>Hypertension</i> , 2007 , 50, 1142-7	8.5	258
171	Effects of reduced uterine perfusion pressure on blood pressure and metabolic factors in pregnant rats. <i>American Journal of Hypertension</i> , 2007 , 20, 686-91	2.3	42
170	Role of sex steroids in modulating tumor necrosis factor alpha-induced changes in vascular function and blood pressure. <i>American Journal of Hypertension</i> , 2007 , 20, 1216-21	2.3	10
169	Role of Cytokines and Inflammation in Hypertension. 2007 , 229-239		
168	Role of the Kidney in Hypertension. 2007 , 241-263		2
167	The serine protease corin in cardiovascular biology and disease. 2007 , 12, 4179-90		54
166	Differential regulation of visfatin and adiponectin in pregnancies with normal and abnormal placental function. 2007 , 66, 434-9		70
165	Inflammatory cytokines in the pathophysiology of hypertension during preeclampsia. <i>Current Hypertension Reports</i> , 2007 , 9, 480-5	4.7	152

164	Angiotensin receptor agonistic autoantibodies induce pre-eclampsia in pregnant mice. 2008 , 14, 855-62		377
163	Pathophysiology of hypertension in response to placental ischemia during pregnancy: a central role for endothelin?. 2008 , 5 Suppl A, S133-8		43
162	Pathophysiology of hypertension during preeclampsia: linking placental ischemia with endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H541-50	5.2	357
161	Chronic tempol prevents hypertension, proteinuria, and poor fetoplacental outcomes in BPH/5 mouse model of preeclampsia. <i>Hypertension</i> , 2008 , 51, 1058-65	8.5	59
160	Autoantibodies to the angiotensin type I receptor in response to placental ischemia and tumor necrosis factor alpha in pregnant rats. <i>Hypertension</i> , 2008 , 52, 1168-72	8.5	133
159	Hypertension in response to chronic reductions in uterine perfusion in pregnant rats: effect of tumor necrosis factor-alpha blockade. <i>Hypertension</i> , 2008 , 52, 1161-7	8.5	135
158	Inhibition of nitric oxide synthetase at mid-gestation in rats is associated with increases in arterial pressure, serum tumor necrosis factor-alpha, and placental apoptosis. <i>American Journal of Hypertension</i> , 2008 , 21, 477-81	2.3	32
157	Circulating high-molecular-weight adiponectin is upregulated in preeclampsia and is related to insulin sensitivity and renal function. 2008 , 158, 197-201		38
156	Serum levels of the adipokine adipocyte fatty acid-binding protein are increased in preeclampsia. <i>American Journal of Hypertension</i> , 2008 , 21, 582-6	2.3	44
155	Recent progress toward the understanding of the pathophysiology of hypertension during preeclampsia. <i>Hypertension</i> , 2008 , 51, 982-8	8.5	113
154	Serum levels of angiopoietin-related growth factor are increased in preeclampsia. <i>American Journal of Hypertension</i> , 2009 , 22, 314-8	2.3	17
153	Effects of 17-hydroxyprogesterone on tumor necrosis factor-alpha-induced hypertension during pregnancy. <i>American Journal of Hypertension</i> , 2009 , 22, 1120-5	2.3	34
152	Preliminary report: Serum levels of retinol-binding protein 4 in preeclampsia. 2009 , 58, 275-7		20
151	Is preeclampsia an autoimmune disease?. 2009 , 133, 1-12		40
150	Reviews: adipocytokines in normal and complicated pregnancies. <i>Reproductive Sciences</i> , 2009 , 16, 921-37		134
149	Endothelial Dysfunction and Insulin Resistance as Pathophysiologic Mechanisms in a Rat Model of Preeclampsia. 2010 , 6, 172-180		1
148	REALITIES AND PROSPECTS FOR PHARMACOLOGICAL CORRECTION OF "ADMA-ENOS"-ASSOCIATED WAYS IN PREECLAMPSIA. 2010 , 6, 882-887		
147	Risk factors and mediators of the vascular dysfunction associated with hypertension in pregnancy. 2010 , 10, 33-52		37

146	Maternal serum levels of TNF-alpha and IL-6 long after delivery in preeclamptic and normotensive pregnant women. 2010 , 2010, 908649		54
145	TNFR1-deficient mice display altered blood pressure and renal responses to ANG II infusion. 2010 , 299, F1141-50		34
144	Interleukin-10 reduces inflammation, endothelial dysfunction, and blood pressure in hypertensive pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R713-9	3.2	79
143	The matrix metalloproteases and endothelin-1 in infection-associated preterm birth. 2010 , 2010,		7
142	The effect of immune factors, tumor necrosis factor-alpha, and agonistic autoantibodies to the angiotensin II type I receptor on soluble fms-like tyrosine-1 and soluble endoglin production in response to hypertension during pregnancy. <i>American Journal of Hypertension</i> , 2010 , 23, 911-6	2.3	112
141	Angiotensin receptor agonistic autoantibody-mediated tumor necrosis factor-alpha induction contributes to increased soluble endoglin production in preeclampsia. 2010 , 121, 436-44		59
140	Circulating and Vascular Bioactive Factors during Hypertension in Pregnancy. 2010 , 6, 60-75		27
139	Serum levels of the adipokine lipocalin-2 are increased in preeclampsia. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 629-32	5.2	15
138	Recombinant vascular endothelial growth factor 121 infusion lowers blood pressure and improves renal function in rats with placentalischemia-induced hypertension. <i>Hypertension</i> , 2010 , 55, 380-5	8.5	134
137	Hypertension, obesity, and inflammation: the complex designs of a deadly trio. 2010 , 8, 287-94		24
136	Postmenopausal hypertension. <i>American Journal of Hypertension</i> , 2011 , 24, 740-9	2.3	123
135	Role of angiotensin II type I receptor agonistic autoantibodies (AT1-AA) in preeclampsia. 2011 , 11, 175-9		54
134	Tumor necrosis factor α induces a model of preeclampsia in pregnant baboons (<i>Papio hamadryas</i>). 2011 , 56, 192-9		59
133	Changes in cardiac structure in hypertension produced by placental ischemia in pregnant rats: effect of tumor necrosis factor blockade. <i>Journal of Hypertension</i> , 2011 , 29, 1203-12	1.9	33
132	Animal models of pre-eclampsia. <i>American Journal of Reproductive Immunology</i> , 2011 , 65, 533-41	3.8	32
131	Animal models of preeclampsia; uses and limitations. 2011 , 32, 413-9		121
130	Hypertension in response to AT1-AA: role of reactive oxygen species in pregnancy-induced hypertension. <i>American Journal of Hypertension</i> , 2011 , 24, 835-40	2.3	60
129	Long-term resistance training is associated with reduced circulating levels of IL-6, IFN- γ and TNF- α in elderly women. 2011 , 18, 165-70		27

128	Hypertension in response to placental ischemia during pregnancy: role of B lymphocytes. <i>Hypertension</i> , 2011 , 57, 865-71	8.5	92
127	CD4+ T-helper cells stimulated in response to placental ischemia mediate hypertension during pregnancy. <i>Hypertension</i> , 2011 , 57, 949-55	8.5	104
126	IL-6-induced pathophysiology during pre-eclampsia: potential therapeutic role for magnesium sulfate?. 2011 , 2011, 59-64		48
125	Recombinant vascular endothelial growth factor 121 attenuates autoantibody-induced features of pre-eclampsia in pregnant mice. <i>American Journal of Hypertension</i> , 2011 , 24, 606-12	2.3	24
124	RAS in Pregnancy and Preeclampsia and Eclampsia. 2012 , 2012, 739274		7
123	A model of preeclampsia in rats: the reduced uterine perfusion pressure (RUPP) model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H1-8	5.2	129
122	Lectin-like oxidized low-density lipoprotein 1 receptor in a reduced uteroplacental perfusion pressure rat model of preeclampsia. <i>Hypertension</i> , 2012 , 59, 1014-20	8.5	29
121	Pre-eclampsia and offspring cardiovascular health: mechanistic insights from experimental studies. <i>Clinical Science</i> , 2012 , 123, 53-72	6.5	136
120	Preeclampsia: multiple approaches for a multifactorial disease. 2012 , 5, 9-18		209
119	Hypertension: physiology and pathophysiology. <i>Comprehensive Physiology</i> , 2012 , 2, 2393-442	7.7	145
118	Agonistic autoantibodies to the angiotensin II type I receptor cause pathophysiologic characteristics of preeclampsia. 2012 , 9, 139-46		35
117	Tumor necrosis factor- α regulation of renal function and blood pressure. 2013 , 304, F1231-42		86
116	Seeking the mechanism(s) of action for corticosteroids in HELLP syndrome: SMASH study. 2013 , 208, 380.e1-8		24
115	Serum levels of the adipokine fibroblast growth factor-21 are increased in preeclampsia. 2013 , 62, 322-6		30
114	Elucidating immune mechanisms causing hypertension during pregnancy. 2013 , 28, 225-33		52
113	Progesterone blunts vascular endothelial cell secretion of endothelin-1 in response to placental ischemia. 2013 , 209, 44.e1-6		29
112	Control of soluble fms-like tyrosine-1 (sFlt-1) production response to placental ischemia/hypoxia: role of tumor necrosis factor- α <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R130-5	3.2	55
111	Angiotensin II type 1 receptor autoantibody (AT1-AA)-mediated pregnancy hypertension. <i>American Journal of Reproductive Immunology</i> , 2013 , 69, 413-8	3.8	69

110	Antihypertensive effects of inducible nitric oxide synthase inhibition in experimental pre-eclampsia. 2013 , 17, 1300-7		25
109	Sildenafil attenuates placental ischemia-induced hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R397-403	3.2	54
108	CD4 T Cells Play a Critical Role in Mediating Hypertension in Response to Placental Ischemia. 2013 , 2,		20
107	Tumor necrosis factor-alpha polymorphism at position -238 in preeclampsia. 2014 , 16, e11195		16
106	Hypertension, inflammation and T lymphocytes are increased in a rat model of HELLP syndrome. <i>Hypertension in Pregnancy</i> , 2014 , 33, 41-54	2	26
105	Regulation of the Anti-Inflammatory Cytokines Interleukin-4 and Interleukin-10 during Pregnancy. 2014 , 5, 253		150
104	Reduced uterine perfusion pressure induces hypertension in the pregnant mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1353-7	3.2	43
103	Tissue transglutaminase contributes to the pathogenesis of preeclampsia and stabilizes placental angiotensin receptor type 1 by ubiquitination-preventing isopeptide modification. <i>Hypertension</i> , 2014 , 63, 353-61	8.5	21
102	B cells: the old new players in reproductive immunology. 2014 , 5, 285		47
101	Altered matrix metalloproteinase-2 and -9 expression/activity links placental ischemia and anti-angiogenic sFlt-1 to uteroplacental and vascular remodeling and collagen deposition in hypertensive pregnancy. <i>Biochemical Pharmacology</i> , 2014 , 89, 370-85	6	59
100	The renal circulation in normal pregnancy and preeclampsia: is there a place for relaxin?. 2014 , 306, F1121-35		55
99	Advances in Fetal and Neonatal Physiology. <i>Advances in Experimental Medicine and Biology</i> , 2014 ,	3.6	3
98	Inflammation in rat pregnancy inhibits spiral artery remodeling leading to fetal growth restriction and features of preeclampsia. 2014 , 211, 165-79		206
97	Association of inflammatory cytokines, lipid peroxidation end products and nitric oxide with the clinical severity and fetal outcome in preeclampsia in Indian women. 2014 , 29, 139-44		8
96	Blockade of CD40 ligand for intercellular communication reduces hypertension, placental oxidative stress, and AT1-AA in response to adoptive transfer of CD4+ T lymphocytes from RUPP rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1243-50	3.2	11
95	Placental ischemia increases seizure susceptibility and cerebrospinal fluid cytokines. <i>Physiological Reports</i> , 2015 , 3, e12634	2.6	12
94	Preeclampsia: long-term consequences for vascular health. 2015 , 11, 403-15		93
93	Full-length human placental sFlt-1-e15a isoform induces distinct maternal phenotypes of preeclampsia in mice. 2015 , 10, e0119547		28

92	Plasma auto-antibodies to angiotensin II receptors are correlated with blood pressure and inflammatory factors in hypertension patients. 2015 , 17, B65-B70		2
91	The Dahl salt-sensitive rat is a spontaneous model of superimposed preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R62-70	3.2	54
90	IL-10 supplementation increases Tregs and decreases hypertension in the RUPP rat model of preeclampsia. <i>Hypertension in Pregnancy</i> , 2015 , 34, 291-306	2	55
89	Increased risk for the development of preeclampsia in obese pregnancies: weighing in on the mechanisms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1326-43	3.2	74
88	Placental ischemia-induced increases in brain water content and cerebrovascular permeability: role of TNF- α . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1425-31	3.2	30
87	An increased population of regulatory T cells improves the pathophysiology of placental ischemia in a rat model of preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R884-91	3.2	52
86	Linking the old and new -- do angiotensin II type 1 receptor antibodies provide the missing link in the pathophysiology of preeclampsia?. <i>Hypertension in Pregnancy</i> , 2015 , 34, 369-82	2	4
85	Pregnant rats treated with a high-fat/prooxidant Western diet with ANG II and TNF- α are resistant to elevations in blood pressure and renal oxidative stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R945-56	3.2	1
84	Hypothesis: Pentoxifylline explores new horizons in treatment of preeclampsia. 2015 , 85, 468-74		4
83	Chronic hyperleptinemia results in the development of hypertension in pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R855-61	3.2	24
82	Aberrant maternal inflammation as a cause of pregnancy complications: A potential therapeutic target?. 2015 , 36, 960-6		66
81	Genetic, immune and vasoactive factors in the vascular dysfunction associated with hypertension in pregnancy. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 1495-515	6.4	52
80	Animal Models for Investigating Pathophysiological Mechanisms of Preeclampsia. 2015 , 209-220		
79	Magnesium Sulfate Prevents Placental Ischemia-Induced Increases in Brain Water Content and Cerebrospinal Fluid Cytokines in Pregnant Rats. <i>Frontiers in Neuroscience</i> , 2016 , 10, 561	5.1	12
78	Increased neuronal seizure activity correlates with excessive systemic inflammation in a rat model of severe preeclampsia. <i>Hypertension Research</i> , 2016 , 39, 701-708	4.7	17
77	Role of endothelin in preeclampsia and hypertension following antiangiogenesis treatment. <i>Current Opinion in Nephrology and Hypertension</i> , 2016 , 25, 94-9	3.5	21
76	Translational studies for exercise in high-risk pregnancy: Pre-eclampsia model. <i>Hypertension in Pregnancy</i> , 2016 , 35, 265-79	2	3
75	The relationship between circulating tissue transglutaminase, soluble fms-like tyrosine kinase-1, soluble endoglin and vascular endothelial growth factor in pre-eclampsia. <i>Journal of Human Hypertension</i> , 2016 , 30, 788-793	2.6	7

74	Placental Growth Factor Reduces Blood Pressure in a Uteroplacental Ischemia Model of Preeclampsia in Nonhuman Primates. <i>Hypertension</i> , 2016 , 67, 1263-72	8.5	67
73	A balance of omega-3 and omega-6 polyunsaturated fatty acids is important in pregnancy. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016 , 5, 23-33	2.8	32
72	Features of endothelial dysfunction and morphofunctional changes of the uteroplacental complex in experimentally induced pre-eclampsia. <i>Pregnancy Hypertension</i> , 2016 , 6, 423-430	2.6	
71	Restoring placental growth factor-soluble fms-like tyrosine kinase-1 balance reverses vascular hyper-reactivity and hypertension in pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R505-21	3.2	38
70	Hypertension in an Animal Model of HELLP Syndrome is Associated With Activation of Endothelin 1. <i>Reproductive Sciences</i> , 2016 , 23, 42-50	3	23
69	Decreased homodimerization and increased TIMP-1 complexation of uteroplacental and uterine arterial matrix metalloproteinase-9 during hypertension-in-pregnancy. <i>Biochemical Pharmacology</i> , 2017 , 138, 81-95	6	11
68	Increased vascular and uteroplacental matrix metalloproteinase-1 and -7 levels and collagen type I deposition in hypertension in pregnancy: role of TNF- α . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H491-H507	5.2	17
67	Precision Medicine in Gynecology and Obstetrics. <i>Comprehensive Gynecology and Obstetrics</i> , 2017 ,	0	1
66	Inflammation, Autoimmunity, and Hypertension: The Essential Role of Tissue Transglutaminase. <i>American Journal of Hypertension</i> , 2017 , 30, 756-764	2.3	17
65	Natural killer cells mediate pathophysiology in response to reduced uterine perfusion pressure. <i>Clinical Science</i> , 2017 , 131, 2753-2762	6.5	29
64	Angiogenic imbalance and diminished matrix metalloproteinase-2 and -9 underlie regional decreases in uteroplacental vascularization and feto-placental growth in hypertensive pregnancy. <i>Biochemical Pharmacology</i> , 2017 , 146, 101-116	6	11
63	Matrix Metalloproteinases in Normal Pregnancy and Preeclampsia. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 148, 87-165	4	111
62	Preeclampsia: From Inflammation to Immunoregulation. <i>Plasmatology</i> , 2018 , 11, 1179545X17752325	1.8	70
61	Postpartum increases in cerebral edema and inflammation in response to placental ischemia during pregnancy. <i>Brain, Behavior, and Immunity</i> , 2018 , 70, 376-389	16.6	22
60	Preeclampsia. <i>Comprehensive Gynecology and Obstetrics</i> , 2018 ,	0	1
59	Animal Models in Preeclampsia. <i>Comprehensive Gynecology and Obstetrics</i> , 2018 , 141-155	0	0
58	Evaluation of blood vessel injury, oxidative stress and circulating inflammatory factors in an L-NAME-induced preeclampsia-like rat model. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 585-594	2.1	13
57	Interleukin-6 contributes to myocardial damage in pregnant rats with reduced uterine perfusion pressure. <i>Brazilian Journal of Medical and Biological Research</i> , 2018 , 51, e6921	2.8	3

56	Changes in the Expression of AQP4 and AQP9 in the Hippocampus Following Eclampsia-Like Seizure. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
55	Animal models of preeclampsia: translational failings and why. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R499-R508	3.2	27
54	Heme oxygenase-1 is a potent inhibitor of placental ischemia-mediated endothelin-1 production in cultured human glomerular endothelial cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R427-R432	3.2	11
53	Characterisation of the Selective Reduced Uteroplacental Perfusion (sRUPP) Model of Preeclampsia. <i>Scientific Reports</i> , 2019 , 9, 9565	4.9	19
52	The Reduced Uterine Perfusion Pressure (RUPP) rat model of preeclampsia exhibits impaired systolic function and global longitudinal strain during pregnancy. <i>Pregnancy Hypertension</i> , 2019 , 18, 169-172	2.6	8
51	Perinatal Micro-Bleeds and Neuroinflammation in E19 Rat Fetuses Exposed to Utero-Placental Ischemia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
50	Tissue Transglutaminase-Mediated AT1 Receptor Sensitization Underlies Pro-inflammatory Cytokine LIGHT-Induced Hypertension. <i>American Journal of Hypertension</i> , 2019 , 32, 476-485	2.3	9
49	Pathophysiology of Cerebral Vascular Dysfunction in Pregnancy-Induced Hypertension. <i>Current Hypertension Reports</i> , 2019 , 21, 52	4.7	9
48	Placental Origins of Preeclampsia: Potential Therapeutic Targets. <i>Current Medical Science</i> , 2019 , 39, 190-195	1.85	7
47	TNF-alpha inhibits pregnancy-adapted Ca signaling in uterine artery endothelial cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 488, 14-24	4.4	5
46	Molecular determinants of microvascular dysfunction in hypertensive pregnancy and preeclampsia. <i>Microcirculation</i> , 2018 , 26, e12508	2.9	9
45	The glucagon-like peptide 1 receptor agonist liraglutide attenuates placental ischemia-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H72-H77	5.2	10
44	Nitric oxide signaling in pregnancy and preeclampsia. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 95, 55-62	5	23
43	L-(+)-Ergothioneine Significantly Improves the Clinical Characteristics of Preeclampsia in the Reduced Uterine Perfusion Pressure Rat Model. <i>Hypertension</i> , 2020 , 75, 561-568	8.5	30
42	Vascular mechanisms and molecular targets in hypertensive pregnancy and preeclampsia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H661-H681	5.2	20
41	Renal biomarkers of preeclampsia. 2020 , 289-317		
40	Tumor necrosis factor alpha (TNF- α) blockade improves natural killer cell (NK) activation, hypertension, and mitochondrial oxidative stress in a preclinical rat model of preeclampsia. <i>Hypertension in Pregnancy</i> , 2020 , 39, 399-404	2	8
39	Acetylcholine ameliorated TNF- α -induced primary trophoblast malfunction via muscarinic receptors β . <i>Biology of Reproduction</i> , 2020 , 103, 1238-1248	3.9	3

38	Preeclampsia: Linking Placental Ischemia with Maternal Endothelial and Vascular Dysfunction. <i>Comprehensive Physiology</i> , 2020 , 11, 1315-1349	7.7	4
37	Regulation of Uterine Spiral Artery Remodeling: a Review. <i>Reproductive Sciences</i> , 2020 , 27, 1932-1942	3	16
36	Inflammasomes-A Molecular Link for Altered Immunoregulation and Inflammation Mediated Vascular Dysfunction in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
35	Interleukin-17 signaling mediates cytolytic natural killer cell activation in response to placental ischemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R1036-R1046	3.2	11
34	Animal Models of Preeclampsia: Causes, Consequences, and Interventions. <i>Hypertension</i> , 2020 , 75, 1363-1381	8.381	26
33	The promise of placental extracellular vesicles: models and challenges for diagnosing placental dysfunction in utero. <i>Biology of Reproduction</i> , 2021 , 104, 27-57	3.9	1
32	Characterisation of cardiac health in the reduced uterine perfusion pressure model and a 3D cardiac spheroid model, of preeclampsia. <i>Biology of Sex Differences</i> , 2021 , 12, 31	9.3	4
31	Progesterone-induced blocking factor improves blood pressure, inflammation, and pup weight in response to reduced uterine perfusion pressure (RUPP). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R719-R727	3.2	7
30	Expression of exogenous epithelial sodium channel beta subunit in the mouse middle cerebral artery increases pressure-induced constriction. <i>American Journal of Hypertension</i> , 2021 ,	2.3	2
29	Pyridostigmine ameliorates preeclamptic features in pregnant rats by inhibiting tumour necrosis factor- β synthesis and antagonizing tumour necrosis factor- β related effects. <i>Journal of Hypertension</i> , 2021 , 39, 1774-1789	1.9	4
28	Interferon β neutralization reduces blood pressure, uterine artery resistance index, and placental oxidative stress in placental ischemic rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R112-R124	3.2	2
27	Tumor Necrosis Factor-alpha Blockade Improves Uterine Artery Resistance, Maternal Blood Pressure, and Fetal Growth in Placental Ischemic Rats. <i>Pregnancy Hypertension</i> , 2021 , 25, 39-47	2.6	3
26	TNF β blockade reverses vascular and uteroplacental matrix metalloproteinases imbalance and collagen accumulation in hypertensive pregnant rats. <i>Biochemical Pharmacology</i> , 2021 , 193, 114790	6	
25	Pregnancy programming and preeclampsia: identifying a human endothelial model to study pregnancy-adapted endothelial function and endothelial adaptive failure in preeclamptic subjects. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 814, 27-47	3.6	12
24	Adoptive transfer of placental ischemia-stimulated natural killer cells causes a preeclampsia-like phenotype in pregnant rats. <i>American Journal of Reproductive Immunology</i> , 2021 , 85, e13386	3.8	6
23	Serum levels of the adipokine zinc- α -glycoprotein are increased in preeclampsia. <i>Journal of Endocrinological Investigation</i> , 2012 , 35, 562-5	5.2	8
22	Correlation of tumor necrosis factor alpha, interleukin 6 and interleukin 10 with blood pressure, risk of preeclampsia and low birth weight in gestational diabetes. <i>Physiological Research</i> , 2019 , 68, 395-408	2.1	9
21	Magnesium Role in Cytokine Regulation of Hypoxic Placentas Related to Certain Placental Pathology. 2013 , 51-63		

20	Pathogenesis of Preeclampsia. <i>Comprehensive Gynecology and Obstetrics</i> , 2017 , 211-224	0	
19	Pre-eclampsia in a mother and programming of the child's cardiovascular health. <i>Rossiyskiy Vestnik Perinatologii I Pediatrii</i> , 2019 , 64, 19-25	0.4	2
18	The Relationship between Cytokine Profile and Hypertension among the Mercury-Exposed Residents of Temirtau Region in Central Kazakhstan. <i>Iranian Journal of Public Health</i> , 2020 , 49, 1502-1509	0.7	0
17	Elastin-Like Polypeptide: VEGF-B Fusion Protein for Treatment of Preeclampsia. <i>Hypertension</i> , 2021 , 78, 1888-1901	8.5	0
16	Inflammasomes in the Pathophysiology of Maternal Obesity: Potential Therapeutic Targets to Reduce Long-Term Adverse Health Outcomes in the Mother and Offspring. <i>Current Vascular Pharmacology</i> , 2021 , 19, 165-175	3.3	0
15	The role of immune activation in contributing to vascular dysfunction and the pathophysiology of hypertension during preeclampsia. <i>Minerva Ginecologica</i> , 2010 , 62, 105-20	1.2	69
14	Endothelial dysfunction. An important mediator in the pathophysiology of hypertension during pre-eclampsia. <i>Minerva Ginecologica</i> , 2012 , 64, 309-20	1.2	53
13	Endothelin-1 is not a Mechanism of IL-17 Induced Hypertension during Pregnancy. 2013 , 1,		10
12	Developmental Vitamin D Deficiency in Pregnant Rats Does Not Induce Preeclampsia.. <i>Nutrients</i> , 2021 , 13,	6.7	
11	Animal Models Used for Investigating Pathophysiology of Preeclampsia and Identifying Therapeutic Targets. 2022 , 435-447		
10	Impact of reduced uterine perfusion pressure model of preeclampsia on metabolism of placenta, maternal and fetal hearts.. <i>Scientific Reports</i> , 2022 , 12, 1111	4.9	1
9	Animal Models of Cardiovascular Complications of Pregnancy. <i>Circulation Research</i> , 2022 , 130, 1763-1779	5.7	0
8	Is there a role of proinflammatory cytokines on degeneration-mediated cerebrovascular function in preeclampsia?. <i>Physiological Reports</i> , 2022 , 10,	2.6	
7	Animal Models of Preeclampsia: Mechanistic Insights and Promising Therapeutics. <i>Endocrinology</i> , 2022 , 163,	4.8	0
6	Endothelial protein C receptor is increased in preterm preeclampsia and fetal growth restriction. 2022 , 36,		0
5	Increased Ca ²⁺ -dependent intrinsic tone and arterial stiffness in mesenteric microvessels of hypertensive pregnant rats. 2023 , 208, 115353		0
4	Role of blood-borne factors in sympathoexcitation-mediated hypertension: Potential neurally mediated hypertension in preeclampsia. 2022 , 121351		0
3	The central role of natural killer cells in preeclampsia. 14,		0

- 2 Growth restriction in preeclampsia: lessons from animal models. **2023**, 32, 100647 ○
- 1 Placental ischemia disrupts DNA methylation patterns in distal regulatory regions in rats. **2023**, 321, 121623 ○