

Chandrasekhar Yallampalli

List of Publications by Year in descending order

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159
papers

4,826
citations

134610

34
h-index

145109

60
g-index

162
all docs

162
docs citations

162
times ranked

3633
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of nitric oxide synthesis in rats during pregnancy produces signs similar to those of preeclampsia. American Journal of Obstetrics and Gynecology, 1993, 169, 1316-1320.	0.7	406
2	Involvement of a nitric oxide-cyclic guanosine monophosphate pathway in control of human uterine contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1995, 172, 1577-1584.	0.7	228
3	Increased Nitric Oxide Synthase Activity and Expression in the Human Uterine Artery During Pregnancy. Circulation Research, 2000, 87, 406-411.	2.0	149
4	Increased Blood Pressure in $\hat{I}\pm$ -Calcitonin Gene-Related Peptide/Calcitonin Gene Knockout Mice. Hypertension, 2000, 35, 470-475.	1.3	141
5	An L-arginine-nitric oxide-cyclic guanosine monophosphate system exists in the uterus and inhibits contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1994, 170, 175-185.	0.7	132
6	Pre-eclampsia-like conditions produced by nitric oxide inhibition: effects of L-arginine, D-arginine and steroid hormones. Human Reproduction, 1995, 10, 2723-2730.	0.4	128
7	An l-arginine-nitric oxide-cyclic guanosine monophosphate system exists in the uterus and inhibits contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1994, 170, 175-185.	0.7	111
8	Prenatal testosterone-induced fetal growth restriction is associated with down-regulation of rat placental amino acid transport. Reproductive Biology and Endocrinology, 2011, 9, 110.	1.4	103
9	Differential expression of cyclooxygenase-1 and -2 proteins in rat uterus and cervix during the estrous cycle, pregnancy, labor and in myometrial cells. Prostaglandins, 1996, 52, 13-34.	1.2	85
10	Regulation of Calcitonin Gene-Related Peptide Expression in Dorsal Root Ganglia of Rats by Female Sex Steroid Hormones1. Biology of Reproduction, 2000, 62, 1033-1039.	1.2	82
11	Nitric oxide inhibits development of embryos and implantation in mice. Molecular Human Reproduction, 1998, 4, 503-507.	1.3	78
12	Prevention of corticosteroid-induced bone loss with nitric oxide donor nitroglycerin in male rats. Bone, 1997, 21, 275-280.	1.4	74
13	Calcitonin Gene-Related Peptide Is a Depressor in $\langle i \rangle N \langle /i \rangle \langle sup \rangle G \langle /sup \rangle$ -Nitro- $\langle scp \rangle l \langle /scp \rangle$ -Arginine Methyl Ester-Induced Hypertension During Pregnancy. Hypertension, 1997, 29, 248-253.	1.3	68
14	Role of gap junctions and nitric oxide in control of myometrial contractility. Seminars in Perinatology, 1995, 19, 41-51.	1.1	67
15	Protein Restriction during Pregnancy Induces Hypertension and Impairs Endothelium-Dependent Vascular Function in Adult Female Offspring. Journal of Vascular Research, 2009, 46, 229-239.	0.6	62
16	Fetal sex-related dysregulation in testosterone production and their receptor expression in the human placenta with preeclampsia. Journal of Perinatology, 2012, 32, 328-335.	0.9	62
17	Female Steroid Hormones Modulate Receptors for Nerve Growth Factor in Rat Dorsal Root Ganglia1. Biology of Reproduction, 2001, 64, 331-338.	1.2	60
18	Placental and Fetal Growth and Development in Late Rat Gestation Is Dependent on Adrenomedullin1. Biology of Reproduction, 2002, 67, 1025-1031.	1.2	59

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19	Calcitonin gene-related peptide in pregnancy and its emerging receptor heterogeneity. <i>Trends in Endocrinology and Metabolism</i> , 2002, 13, 263-269.	3.1	59
20	Pregnancy and sex steroid hormones enhance circulating calcitonin gene-related peptide concentrations in rats. <i>Human Reproduction</i> , 2000, 15, 949-953.	0.4	57
21	Testosterone Alters Maternal Vascular Adaptations. <i>Hypertension</i> , 2013, 61, 647-654.	1.3	56
22	Involvement of calcitonin gene-related peptide in control of human fetoplacental vascular tone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H230-H239.	1.5	55
23	Evidence for Decreased Calcitonin Gene-Related Peptide (CGRP) Receptors and Compromised Responsiveness to CGRP of Fetoplacental Vessels in Preeclamptic Pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2336-2343.	1.8	52
24	Fetal programming of adult hypertension in female rat offspring exposed to androgens in utero. <i>Early Human Development</i> , 2011, 87, 407-414.	0.8	52
25	Involvement of calcitonin gene-related peptide in the modulation of human myometrial contractility during pregnancy. <i>Journal of Clinical Investigation</i> , 1999, 104, 559-565.	3.9	52
26	Frequency-Dependent Effect of Nitric Oxide Donor Nitroglycerin on Bone. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1119-1125.	3.1	50
27	Elevated Testosterone Levels During Rat Pregnancy Cause Hypersensitivity to Angiotensin II and Attenuation of Endothelium-Dependent Vasodilation in Uterine Arteries. <i>Hypertension</i> , 2014, 64, 405-414.	1.3	50
28	Changes in the Expression of Calcitonin Receptor-Like Receptor, Receptor Activity-Modifying Protein (RAMP) 1, RAMP2, and RAMP3 in Rat Uterus During Pregnancy, Labor, and by Steroid Hormone Treatments. <i>Biology of Reproduction</i> , 2003, 69, 1432-1437.	1.2	46
29	Adrenomedullin Enhances Invasion by Trophoblast Cell Lines1. <i>Biology of Reproduction</i> , 2005, 73, 619-626.	1.2	45
30	Injection of adjuvant but not acidic saline into craniofacial muscle evokes nociceptive behaviors and neuropeptide expression. <i>Neuroscience</i> , 2007, 149, 650-659.	1.1	45
31	Preterm birth in rats produced by the synergistic action of a nitric oxide inhibitor (NG-nitro-L-arginine methyl ester) and an antiprogesterin (onapristone). <i>American Journal of Obstetrics and Gynecology</i> , 1996, 175, 207-212.	0.7	44
32	Muscle inflammation induces a rapid increase in calcitonin gene-related peptide (CGRP) mRNA that temporally relates to CGRP immunoreactivity and nociceptive behavior. <i>Neuroscience</i> , 2006, 143, 875-884.	1.1	43
33	Nitric oxide reverses prostaglandin-induced inhibition in ovarian progesterone secretion in rats. <i>Human Reproduction</i> , 1999, 14, 27-32.	0.4	42
34	Calcitonin Gene-Related Peptide (CALCA) Is a Proangiogenic Growth Factor in the Human Placental Development1. <i>Biology of Reproduction</i> , 2007, 76, 892-899.	1.2	37
35	Prenatal Testosterone Exposure Induces Hypertension in Adult Females via Androgen Receptor-Dependent Protein Kinase C α -Mediated Mechanism. <i>Hypertension</i> , 2015, 65, 683-690.	1.3	37
36	Progesterone up-regulates vasodilator effects of calcitonin gene-related peptide in NG-nitro-l-arginine methyl ester-induced hypertension. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 176, 894-900.	0.7	36

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37	Expression of Adrenomedullin 2 (ADM2)/Intermedin (IMD) in Human Placenta: Role in Trophoblast Invasion and Migration ¹ . <i>Biology of Reproduction</i> , 2009, 81, 777-783.	1.2	36
38	Adrenomedullin-2, a Novel Calcitonin/Calcitonin-Gene-Related Peptide Family Peptide, Relaxes Rat Mesenteric Artery: Influence of Pregnancy. <i>Endocrinology</i> , 2007, 148, 1727-1735.	1.4	35
39	Protein restriction during pregnancy induces hypertension in adult female rat offspring "influence of oestradiol. <i>British Journal of Nutrition</i> , 2012, 107, 665-673.	1.2	35
40	Female Sex Steroid Hormones and Pregnancy Regulate Receptors for Calcitonin Gene-Related Peptide in Rat Mesenteric Arteries, but Not in Aorta ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1055-1062.	1.2	34
41	Adrenomedullin 2 Antagonist Infusion to Rats During Midgestation Causes Fetoplacental Growth Restriction Through Apoptosis ¹ . <i>Biology of Reproduction</i> , 2006, 75, 940-947.	1.2	33
42	Uterine Contractile Responses to Endothelin-1 and Endothelin Receptors Are Elevated during Labor ¹ . <i>Biology of Reproduction</i> , 1994, 51, 640-645.	1.2	32
43	Regulation of Inducible Nitric Oxide Synthase Messenger Ribonucleic Acid Expression in Pregnant Rat Uterus ¹ . <i>Biology of Reproduction</i> , 1998, 59, 933-940.	1.2	32
44	Pre-clinical evaluation of a nanoparticle-based blood-pool contrast agent for MR imaging of the placenta. <i>Placenta</i> , 2017, 57, 60-70.	0.7	32
45	Inverse Relationship between Severity of Experimental Pyelonephritis and Nitric Oxide Production in C3H/HeJ Mice. <i>Infection and Immunity</i> , 1999, 67, 2421-2427.	1.0	32
46	Mechanisms Involved in Calcitonin Gene-Related Peptide-Induced Relaxation in Pregnant Rat Uterine Artery ¹ . <i>Biology of Reproduction</i> , 2003, 69, 1635-1641.	1.2	30
47	Adrenomedullin Antagonist Treatment During Early Gestation in Rats Causes Fetoplacental Growth Restriction Through Apoptosis ¹ . <i>Biology of Reproduction</i> , 2004, 71, 1475-1483.	1.2	30
48	Antihypertensive effects of flutamide in rats that are exposed to a low-protein diet in utero. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 192, 952-960.	0.7	30
49	Endothelium-Independent Relaxation by Adrenomedullin in Pregnant Rat Mesenteric Artery: Role of cAMP-Dependent Protein Kinase A and Calcium-Activated Potassium Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1269-1275.	1.3	30
50	Maternal Protein Restriction Reduces Expression of Angiotensin I-Converting Enzyme 2 in Rat Placental Labyrinth Zone in Late Pregnancy ¹ . <i>Biology of Reproduction</i> , 2012, 86, 31.	1.2	30
51	Prenatal Testosterone Exposure Leads to Hypertension That Is Gonadal Hormone-Dependent in Adult Rat Male and Female Offspring ¹ . <i>Biology of Reproduction</i> , 2012, 86, 137, 1-7.	1.2	30
52	Prenatal Testosterone Induces Sex-Specific Dysfunction in Endothelium-Dependent Relaxation Pathways in Adult Male and Female Rats ¹ . <i>Biology of Reproduction</i> , 2013, 89, 97.	1.2	30
53	Regulation of Calcitonin Gene-Related Peptide Receptors in the Rat Uterus During Pregnancy and Labor and by Progesterone ¹ . <i>Biology of Reproduction</i> , 1999, 61, 1023-1030.	1.2	29
54	Pregnancy and Steroid Hormones Enhance the Systemic and Regional Hemodynamic Effects of Calcitonin Gene-Related Peptide in Rats ¹ . <i>Biology of Reproduction</i> , 2001, 64, 1776-1783.	1.2	29

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55	Uterine relaxation responses to calcitonin gene-related peptide and calcitonin gene-related peptide receptors decreased during labor in rats. American Journal of Obstetrics and Gynecology, 1998, 179, 497-506.	0.7	28
56	Evidence for the existence of a new receptor for CGRP, which is not CRLR. Peptides, 2003, 24, 65-71.	1.2	28
57	Gestational Exposure to Elevated Testosterone Levels Induces Hypertension via Heightened Vascular Angiotensin II Type 1 Receptor Signaling in Rats1. Biology of Reproduction, 2014, 91, 6.	1.2	28
58	A liposomal Gd contrast agent does not cross the mouse placental barrier. Scientific Reports, 2016, 6, 27863.	1.6	28
59	Expression of calcitonin gene-related peptide receptor components, calcitonin receptor-like receptor and receptor activity modifying protein 1, in the rat placenta during pregnancy and their cellular localization. Molecular Human Reproduction, 2003, 9, 481-490.	1.3	27
60	Mesenteric Arterial Relaxation to Calcitonin Gene-Related Peptide Is Increased During Pregnancy and by Sex Steroid Hormones1. Biology of Reproduction, 2004, 71, 1739-1745.	1.2	27
61	Age-related changes in dorsal root ganglia, circulating and vascular calcitonin gene-related peptide (CGRP) concentrations in female rats: Effect of female sex steroid hormones. Neuroscience Letters, 2009, 454, 118-123.	1.0	27
62	Adrenomedullin Relaxes Rat Uterine Artery: Mechanisms and Influence of Pregnancy and Estradiol. Endocrinology, 2010, 151, 4485-4493.	1.4	27
63	Contrasting effects of diethylenetriamine-nitric oxide, a spontaneously releasing nitric oxide donor, on pregnant rat uterine contractility in vitro versus in vivo. American Journal of Obstetrics and Gynecology, 1997, 177, 690-701.	0.7	25
64	Localized increase in nitric oxide production and the expression of nitric oxide synthase isoforms in rat uterus with experimental intrauterine infection. American Journal of Obstetrics and Gynecology, 1999, 181, 601-609.	0.7	25
65	Gestational Protein Restriction Impairs Insulin-Regulated Glucose Transport Mechanisms in Gastrocnemius Muscles of Adult Male Offspring. Endocrinology, 2014, 155, 3036-3046.	1.4	25
66	Potential role of intermedin/adrenomedullin 2 in early embryonic development in rats. Regulatory Peptides, 2011, 170, 65-71.	1.9	24
67	Spontaneous abortion is associated with elevated systemic C5a and reduced mRNA of complement inhibitory proteins in placenta. Clinical and Experimental Immunology, 2014, 177, 743-749.	1.1	24
68	Maternal protein restriction regulates IGF2 system in placental labyrinth. Frontiers in Bioscience - Elite, 2012, E4, 1434.	0.9	24
69	Maternal protein restriction regulates IGF2 system in placental labyrinth. Frontiers in Bioscience - Elite, 2012, E4, 1434-1450.	0.9	21
70	Progesterone receptor isoform B regulates the <i>Oxtr</i> - <i>Plcl2</i> - <i>Trpc3</i> pathway to suppress uterine contractility. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	21
71	Role and Regulation of Nitric Oxide in the Uterus During Pregnancy and Parturition. Journal of the Society for Gynecologic Investigation, 1998, 5, 58-67.	1.9	20
72	Female Sex Steroids Increase Adrenomedullin-Induced Vasodilation by Increasing the Expression of Adrenomedullin2 Receptor Components in Rat Mesenteric Artery. Endocrinology, 2006, 147, 389-396.	1.4	20

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73	Protein Restriction to Pregnant Rats Increases the Plasma Levels of Angiotensin II and Expression of Angiotensin II Receptors in Uterine Arteries1. <i>Biology of Reproduction</i> , 2012, 86, 68.	1.2	20
74	Complement Split Products in Amniotic Fluid in Pregnancies Subsequently Developing Early-Onset Preeclampsia. <i>Disease Markers</i> , 2015, 2015, 1-7.	0.6	20
75	Calcitonin Gene Related Family Peptides: Importance in Normal Placental and Fetal Development. <i>Advances in Experimental Medicine and Biology</i> , 2014, 814, 229-240.	0.8	20
76	Involvement of nitric oxide pathway in prostaglandin F2 α -induced preterm labor in rats. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 177, 907-917.	0.7	19
77	Gestational Changes in Calcitonin Gene-Related Peptide, Nerve Growth Factor, and Its Receptors in Rat Dorsal Root Ganglia1. <i>Biology of Reproduction</i> , 2001, 65, 1601-1605.	1.2	19
78	Progesterone Upregulates Calcitonin Gene-Related Peptide and Adrenomedullin Receptor Components and Cyclic Adenosine 3',5'-Monophosphate Generation in Eker Rat Uterine Smooth Muscle Cell Line1. <i>Biology of Reproduction</i> , 2005, 72, 416-422.	1.2	19
79	Circulating calcitonin gene-related peptide and its placental origins in normotensive and preeclamptic pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1657-1667.	0.7	19
80	Inhibition of nitric oxide facilitates LH release from rat pituitaries. <i>Life Sciences</i> , 1997, 61, 45-50.	2.0	18
81	Raf-1 Kinase Regulates Smooth Muscle Contraction in the Rat Mesenteric Arteries. <i>Journal of Vascular Research</i> , 2010, 47, 384-398.	0.6	18
82	Adrenomedullin 2/Intermedin Regulates HLA-G in Human Trophoblasts1. <i>Biology of Reproduction</i> , 2011, 85, 1232-1239.	1.2	18
83	Intermedin/Adrenomedullin 2 Is Associated With Implantation and Placentation via Trophoblast Invasion in Human Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 695-703.	1.8	18
84	Pregnancy Increases Relaxation in Human Omental Arteries to the CGRP Family of Peptides1. <i>Biology of Reproduction</i> , 2015, 93, 134.	1.2	18
85	Calcitonin Gene-Related Family Peptides in Vascular Adaptations, Uteroplacental Circulation, and Fetal Growth. <i>Current Vascular Pharmacology</i> , 2013, 11, 641-654.	0.8	18
86	Vascular Hyperresponsiveness to Adrenomedullin During Pregnancy Is Associated with Increased Generation of Cyclic Nucleotides in Rat Mesenteric Artery1. <i>Biology of Reproduction</i> , 2007, 76, 118-123.	1.2	17
87	Group B streptococcus exploits lipid rafts and phosphoinositide 3-kinase/Akt signaling pathway to invade human endometrial cells. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 548.e1-548.e9.	0.7	17
88	Temporal alterations in vascular angiotensin receptors and vasomotor responses in offspring of protein-restricted rat dams. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 507.e1-507.e10.	0.7	17
89	Immunohistochemical localization of constitutive and inducible cyclo-oxygenases in rat uterus during the oestrous cycle and pregnancy. <i>The Histochemical Journal</i> , 1998, 30, 383-391.	0.6	16
90	Studies on the Effects of the N-Terminal Domain Antibodies of Calcitonin Receptor-Like Receptor and Receptor Activity-Modifying Protein 1 on Calcitonin Gene-Related Peptide-Induced Vasorelaxation in Rat Uterine Artery1. <i>Biology of Reproduction</i> , 2004, 70, 1658-1663.	1.2	16

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91	Circulating Adrenomedullin Is Elevated in Gestational Diabetes and Its Role in Impaired Insulin Production by β -Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 697-706.	1.8	16
92	Nanoparticle Contrast-enhanced T1-Mapping Enables Estimation of Placental Fractional Blood Volume in a Pregnant Mouse Model. <i>Scientific Reports</i> , 2019, 9, 18707.	1.6	16
93	Sex Steroid Hormones Enhance Hypotensive Effects of Calcitonin Gene-Related Peptide in Aged Female Rats ¹ . <i>Biology of Reproduction</i> , 2002, 67, 1881-1887.	1.2	15
94	Expression and Regulation of Calcitonin Gene-Related Peptide Receptor in Rat Placentas ¹ . <i>Biology of Reproduction</i> , 2002, 67, 1321-1326.	1.2	15
95	Adrenomedullin Requires an Intact Nitric Oxide System to Function as an Endogenous Vasodilator in Rat Gestation. <i>Hypertension in Pregnancy</i> , 2003, 22, 9-24.	0.5	15
96	Effects of Parathyroid Hormone Like Hormone (PTHrP) Antagonist, PTHrP β 34, on Fetoplacental Development and Growth During Midgestation in Rats ¹ . <i>Biology of Reproduction</i> , 2005, 73, 1191-1198.	1.2	15
97	Gestational protein restriction affects trophoblast differentiation. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 591-601.	0.9	15
98	Epithelial Invasion by Escherichia coli Bearing Dr Fimbriae Is Controlled by Nitric Oxide-Regulated Expression of CD55. <i>Infection and Immunity</i> , 2004, 72, 2907-2914.	1.0	14
99	Calcitonin gene-related peptide stimulates human villous trophoblast cell differentiation in vitro. <i>Molecular Human Reproduction</i> , 2006, 12, 443-450.	1.3	14
100	Adipose Tissue Inflammation and Adrenomedullin Overexpression Contribute to Lipid Dysregulation in Diabetic Pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3810-3818.	1.8	14
101	Upregulation and release of soluble fms-like tyrosine kinase receptor 1 mediated by complement activation in human syncytiotrophoblast cells. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13033.	1.2	14
102	Pre-clinical magnetic resonance imaging of retroplacental clear space throughout gestation. <i>Placenta</i> , 2019, 77, 1-7.	0.7	14
103	Calcitonin Gene-related Peptide (CGRP) is a Mediator of Vascular Adaptations During Hypertension in Pregnancy. <i>Trends in Endocrinology and Metabolism</i> , 1998, 9, 113-117.	3.1	13
104	Dra/AfaE Adhesin of Uropathogenic Dr/Afa+Escherichia coli Mediates Mortality in Pregnant Rats. <i>Infection and Immunity</i> , 2005, 73, 7597-7601.	1.0	13
105	Novel lean type 2 diabetic rat model using gestational low-protein programming. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 540.e1-540.e7.	0.7	13
106	Enhanced Mesenteric Arterial Responsiveness to Angiotensin II Is Androgen Receptor-Dependent in Prenatally Protein-Restricted Adult Female Rat Offspring ¹ . <i>Biology of Reproduction</i> , 2015, 92, 55.	1.2	12
107	L-arginine prevents hypoxia-induced vasoconstriction in dual-perfused human placental cotyledons. <i>Placenta</i> , 2015, 36, 1254-1259.	0.7	12
108	Adrenomedullin2 (ADM2)/Intermedin (IMD): A Potential Role in the Pathophysiology of Preeclampsia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4478-4488.	1.8	12

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109	Gestational Protein Restriction Impairs Glucose Disposal in the Gastrocnemius Muscles of Female Rats. <i>Endocrinology</i> , 2017, 158, 756-767.	1.4	12
110	Targeting Adrenomedullin to Improve Lipid Homeostasis in Diabetic Pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3425-3436.	1.8	12
111	Preovulatory exposure to a protein-restricted diet disrupts amino acid kinetics and alters mitochondrial structure and function in the rat oocyte and is partially rescued by folic acid. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 12.	1.4	12
112	Common variants of fetal and maternal complement genes in preeclampsia: pregnancy specific plototype. <i>Scientific Reports</i> , 2020, 10, 4811.	1.6	12
113	Role of the N-Terminal Domain of the Calcitonin Receptor-like Receptor in Ligand Binding. <i>Biochemistry</i> , 2005, 44, 782-789.	1.2	11
114	Nitric oxide induces segregation of decay accelerating factor (DAF or CD55) from the membrane lipid rafts and its internalization in human endometrial cells. <i>Cell Biology International</i> , 2012, 36, 901-907.	1.4	11
115	PI3K/Akt pathway restricts epithelial adhesion of <i>Escherichia coli</i> by down-regulating the expression of decay accelerating factor. <i>Experimental Biology and Medicine</i> , 2014, 239, 581-594.	1.1	11
116	Growth and fertility rates in the offspring of pregnant rats treated with L-NAME, a nitric oxide inhibitor. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 89-93.	0.7	10
117	Gestational Protein Restriction Reduces Expression of Hsd17b2 in Rat Placental Labyrinth. <i>Biology of Reproduction</i> , 2012, 87, 68.	1.2	10
118	Enalapril Normalizes Endothelium-Derived Hyperpolarizing Factor-Mediated Relaxation in Mesenteric Artery of Adult Hypertensive Rats Prenatally Exposed to Testosterone. <i>Biology of Reproduction</i> , 2015, 92, 155.	1.2	10
119	Fetal macrosomia in a Hispanic/Latinx predominant cohort and altered expressions of genes related to placental lipid transport and metabolism. <i>International Journal of Obesity</i> , 2020, 44, 1743-1752.	1.6	10
120	Effects of Pregnancy and Female Sex Steroid Hormones on Calcitonin Gene-Related Peptide Content of Mesenteric Artery in Rats. <i>Biology of Reproduction</i> , 2002, 67, 1430-1434.	1.2	9
121	Brief high fat high sugar diet results in altered energy and fat metabolism during pregnancy in mice. <i>Scientific Reports</i> , 2020, 10, 20866.	1.6	9
122	Ca ²⁺ signaling in human fetoplacental vasculature: effect of CGRP on umbilical vein smooth muscle cytosolic Ca ²⁺ concentration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H960-H967.	1.5	8
123	Adrenomedullin2 (ADM2)/Intermedin (IMD) in Rat Ovary: Changes in Estrous Cycle and Pregnancy and Its Role in Ovulation and Steroidogenesis. <i>Biology of Reproduction</i> , 2015, 92, 39.	1.2	8
124	Involvement of Receptor Activity-Modifying Protein 3 (RAMP3) in the Vascular Actions of Adrenomedullin in Rat Mesenteric Artery Smooth Muscle Cells. <i>Biology of Reproduction</i> , 2015, 93, 116.	1.2	8
125	Adrenomedullin 2 (ADM2) Regulates Mucin 1 at the Maternal-Fetal Interface in Human Pregnancy. <i>Biology of Reproduction</i> , 2015, 93, 136.	1.2	7
126	Appetite regulation is independent of the changes in ghrelin levels in pregnant rats fed low-protein diet. <i>Physiological Reports</i> , 2015, 3, e12368.	0.7	7

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127	Impact of adrenomedullin blockage on lipid metabolism in female mice exposed to high-fat diet. <i>Endocrine</i> , 2019, 65, 278-285.	1.1	7
128	Effects of steroid hormones on calcitonin gene-related peptide receptors in cultured human myometrium. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 188, 466-472.	0.7	6
129	Maternal/fetal mortality and fetal growth restriction: role of nitric oxide and virulence factors in intrauterine infection in rats. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 83.e1-83.e7.	0.7	6
130	Blunted hypothalamic ghrelin signaling reduces diet intake in rats fed a low-protein diet in late pregnancy. <i>Physiological Reports</i> , 2015, 3, e12629.	0.7	6
131	Sex Dependent Dysregulation of Hepatic Glucose Production in Lean Type 2 Diabetic Rats. <i>Frontiers in Endocrinology</i> , 2019, 10, 538.	1.5	6
132	Calcitonin Gene Related Peptide, Adrenomedullin, and Adrenomedullin 2 Function in Uterine Artery During Human Pregnancy. <i>Endocrinology</i> , 2022, 163, .	1.4	6
133	Interactive effects of in vitro binge-like alcohol and ATP on umbilical endothelial nitric oxide synthase post-translational modifications and redox modulation. <i>Reproductive Toxicology</i> , 2014, 43, 94-101.	1.3	5
134	Placental growth factor blunts uterine artery responses to angiotensin II. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 1058-1064.	1.1	5
135	Gestational Protein Restriction Increases Angiotensin II Production in Rat Lung1. <i>Biology of Reproduction</i> , 2013, 88, 64.	1.2	4
136	Impaired Vasodilatory Responses of Omental Arteries to CGRP Family Peptides in Pregnancies Complicated by Fetal Growth Restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2984-2993.	1.8	4
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142	Decreased insulin secretion in pregnant rats fed a low protein diet. <i>Biology of Reproduction</i> , 2017, 97, 627-635.	1.2	3
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144	Soluble fms-like tyrosine kinase-1 and angiotensin2 target calcitonin gene-related peptide family peptides in maternal vascular smooth muscle cells in pregnancy. <i>Biology of Reproduction</i> , 2021, 104, 1071-1083.	1.2	3

#	ARTICLE	IF	CITATIONS
145	Role of transcription factor <sc>S</sc>p1 and <sc>RNA</sc> binding protein <sc>H</sc>u<sc>R</sc> in the downregulation of <sc>D</sc>r⁺</sup><i><sc>E</sc>scherichiaÂcoli</i> receptor protein decay accelerating factor (<sc>DAF</sc> or <sc>CD</sc>55) by nitric oxide. FEBS Journal, 2013, 280, 840-854.	2.2	2
146	Adrenomedullin Promotes Rat Trophoblast Stem Cell Differentiation1. Biology of Reproduction, 2014, 91, 65.	1.2	2
147	Complement inhibitor Crry expression in mouse placenta is essential for maintaining normal blood pressure and fetal growth. PLoS ONE, 2020, 15, e0236968.	1.1	2
148	Calcitonin Gene-Related Peptide Rescues Proximity Associations of Its Receptor Components, Calcitonin Receptor-Like Receptor and Receptor Activity-Modifying Protein 1, in Rat Uterine Artery Smooth Muscle Cells Exposed to Tumor Necrosis Factor Alpha. Biology of Reproduction, 2016, 95, 126-126.	1.2	2
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150	Adrenomedullin Deficiency Potentiates Lipopolysaccharide-Induced Experimental Bronchopulmonary Dysplasia in Neonatal Mice. American Journal of Pathology, 2021, 191, 2080-2090.	1.9	1
151	Testosterone Teases but Estrogen Eases Blood Pressure in the Offspring of Rats Fed with Low Protein Diet During Pregnancy.. Biology of Reproduction, 2008, 78, 199-200.	1.2	1
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157	Phenotypic Differences Between Natural Killer Cells in Human Deciduas and Uterine Blood.. Biology of Reproduction, 2008, 78, 198-198.	1.2	0
158	Reduced Endothelial Vascular Function in Adult Female Offspring of Rats Fed with Low Protein Diet During Pregnancy.. Biology of Reproduction, 2008, 78, 200-200.	1.2	0
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